

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/04/2025

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	45.33	40.38	34.63	33.84	33.31	33.47	33.55	31.89	32.13	31.87	32.69	34.97	38.79	43.13	45.48	50.10	55.78	62.68	64.10	62.05	57.73	51.74	46.71	41.69
24138	2.73	2.57	2.17	2.04	1.91	1.92	1.84	1.86	2.07	2.31	2.45	2.65	2.92	3.33	3.51	3.95	4.00	4.26	3.74	3.35	3.06	2.42	2.52	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.29	-0.59	-0.70	-0.75	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	-0.10
74TH STREET_GT_1	45.37	40.46	34.69	33.87	33.34	33.50	33.55	31.89	32.13	31.87	32.69	34.97	38.79	43.13	45.48	50.10	55.78	62.63	64.10	62.05	57.73	51.79	46.80	41.77
24260	2.77	2.65	2.24	2.07	1.95	1.96	1.84	1.86	2.07	2.31	2.45	2.65	2.92	3.33	3.51	3.95	4.00	4.21	3.74	3.35	3.06	2.47	2.61	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.29	-0.59	-0.70	-0.75	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	-0.10
74TH STREET_GT_2	45.37	40.46	34.69	33.87	33.34	33.50	33.55	31.89	32.13	31.87	32.69	34.97	38.79	43.13	45.48	50.10	55.78	62.63	64.10	62.05	57.73	51.79	46.80	41.77
24261	2.77	2.65	2.24	2.07	1.95	1.96	1.84	1.86	2.07	2.31	2.45	2.65	2.92	3.33	3.51	3.95	4.00	4.21	3.74	3.35	3.06	2.47	2.61	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.29	-0.59	-0.70	-0.75	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	-0.10
ADK HUDSON___FALLS	44.18	39.32	33.72	33.14	32.65	32.77	32.60	31.26	31.20	30.60	31.00	33.10	36.07	39.52	41.46	45.15	51.37	59.41	61.80	60.35	56.64	51.25	45.96	40.36
24011	1.58	1.51	1.27	1.34	1.26	1.23	0.89	1.23	1.14	1.03	0.76	0.84	0.75	0.82	0.83	0.41	0.46	0.99	1.45	1.64	1.97	1.92	1.77	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.26	0.52	0.63	0.67	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.09
ADK RESOURCE___RCVRY	44.14	39.17	33.56	32.94	32.46	32.58	32.34	31.14	31.08	30.48	30.79	32.91	35.83	39.27	41.16	44.63	50.82	59.06	61.68	60.29	56.69	51.39	46.05	40.33
23798	1.53	1.36	1.10	1.14	1.07	1.04	0.63	1.11	1.02	0.92	0.54	0.65	0.50	0.55	0.50	-0.14	-0.10	0.64	1.33	1.59	2.02	2.07	1.86	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.25	0.50	0.60	0.64	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.09
ADK S GLENS___FALLS	44.18	39.32	33.72	33.14	32.65	32.77	32.60	31.26	31.20	30.60	31.00	33.10	36.07	39.52	41.46	45.15	51.37	59.41	61.80	60.35	56.64	51.25	45.96	40.36
24028	1.58	1.51	1.27	1.34	1.26	1.23	0.89	1.23	1.14	1.03	0.76	0.84	0.75	0.82	0.83	0.41	0.46	0.99	1.45	1.64	1.97	1.92	1.77	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.26	0.52	0.63	0.67	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.09
ADK_NYS___DAM	44.01	39.36	33.85	33.23	32.77	32.90	32.91	31.20	31.20	30.66	31.18	33.26	36.11	39.35	41.23	45.52	52.04	60.23	62.04	60.29	56.20	50.70	45.61	39.98
23527	1.40	1.55	1.39	1.43	1.38	1.36	1.20	1.17	1.14	1.09	0.94	1.03	1.10	1.29	1.36	1.59	1.64	1.81	1.69	1.59	1.53	1.38	1.41	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.57	1.16	1.39	1.48	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.21
AIR_PRODUCTS___DRP	43.07	38.46	33.13	32.56	32.11	32.24	32.22	30.42	30.42	29.95	30.42	32.49	35.48	38.83	40.79	44.91	50.93	58.36	60.05	58.35	54.45	49.12	44.19	39.01
24190	0.47	0.64	0.68	0.76	0.72	0.69	0.51	0.39	0.36	0.38	0.18	0.23	0.11	0.04	0.04	0.05	-0.05	-0.06	-0.30	-0.35	-0.22	-0.20	0.00	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.21	0.43	0.51	0.54	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.08
AKWESSNE_115KV_BK	42.82	37.55	32.26	31.61	31.17	31.32	31.80	30.15	30.18	29.59	30.21	32.32	35.51	39.10	41.18	45.36	51.26	58.24	60.29	58.71	54.78	49.42	44.28	39.24
355683	0.21	-0.26	-0.19	-0.19	-0.22	-0.22	0.10	0.12	0.12	0.03	-0.03	0.03	-0.07	-0.12	-0.08	-0.05	-0.05	-0.18	-0.06	0.00	0.11	0.10	0.09	0.12
	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	43.75	39.06	33.59	33.01	32.58	32.68	32.57	30.63	30.57	30.03	30.58	32.67	35.80	39.29	41.30	45.55	51.66	59.12	61.02	59.47	55.54	50.21	45.08	39.86
323833	1.15	1.25	1.14	1.21	1.19	1.13	0.86	0.60	0.51	0.47	0.33	0.39	0.36	0.35	0.37	0.50	0.57	0.70	0.67	0.76	0.87	0.89	0.88	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14	0.28	0.33	0.36	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.05
ALBANY_2_SOLAR	43.75	39.06	33.59	33.01	32.55	32.64	32.57	30.63	30.57	30.03	30.58	32.67	35.80	39.29	41.30	45.55	51.66	59.06	61.02	59.47	55.54	50.16	45.08	39.86
323834	1.15	1.25	1.14	1.21	1.16	1.10	0.86	0.60	0.51	0.47	0.33	0.39	0.36	0.35	0.37	0.50	0.57	0.64	0.67	0.76	0.87	0.84	0.88	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14	0.28	0.33	0.36	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.05
ALBANY___1	43.07	38.46	33.13	32.56	32.11	32.24	32.22	30.42	30.42	29.95	30.42	32.49	35.48	38.83	40.79	44.91	50.93	58.36	60.05	58.35	54.45	49.12	44.19	39.01
23571	0.47	0.64	0.68	0.76	0.72	0.69	0.51	0.39	0.36	0.38	0.18	0.23	0.11	0.04	0.04	0.05	-0.05	-0.06	-0.30	-0.35	-0.22	-0.20	0.00	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.21	0.43	0.51	0.54	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	43.07 0.47 0.00	38.46 0.64 0.00	33.13 0.68 0.00	32.56 0.76 0.00	32.11 0.72 0.00	32.24 0.69 0.00	32.22 0.51 0.00	30.42 0.39 0.00	30.42 0.36 0.00	29.95 0.38 0.00	30.42 0.18 0.00	32.49 0.23 0.02	35.48 0.11 0.21	38.83 0.04 0.43	40.79 0.04 0.51	44.91 0.05 0.54	50.93 -0.05 0.34	58.36 -0.06 0.00	60.05 0.00 0.00	58.35 -0.35 0.00	54.45 -0.22 0.00	49.12 -0.20 0.00	44.19 0.00 0.00	39.01 -0.04 0.08
ALBANY___3 23573	43.07 0.47 0.00	38.46 0.64 0.00	33.13 0.68 0.00	32.56 0.76 0.00	32.11 0.72 0.00	32.24 0.69 0.00	32.22 0.51 0.00	30.42 0.39 0.00	30.42 0.36 0.00	29.95 0.38 0.00	30.42 0.18 0.00	32.49 0.23 0.02	35.48 0.11 0.21	38.83 0.04 0.43	40.79 0.04 0.51	44.91 0.05 0.54	50.93 -0.05 0.34	58.36 -0.06 0.00	60.05 -0.30 0.00	58.35 -0.35 0.00	54.45 -0.22 0.00	49.12 -0.20 0.00	44.19 0.00 0.00	39.01 -0.04 0.08
ALBANY___4 23574	43.07 0.47 0.00	38.46 0.64 0.00	33.13 0.68 0.00	32.56 0.76 0.00	32.11 0.72 0.00	32.24 0.69 0.00	32.22 0.51 0.00	30.42 0.39 0.00	30.42 0.36 0.00	29.95 0.38 0.00	30.42 0.18 0.00	32.49 0.23 0.02	35.48 0.11 0.21	38.83 0.04 0.43	40.79 0.04 0.51	44.91 0.05 0.54	50.93 -0.05 0.34	58.36 -0.06 0.00	60.05 -0.30 0.00	58.35 -0.35 0.00	54.45 -0.22 0.00	49.12 -0.20 0.00	44.19 0.00 0.00	39.01 -0.04 0.08
ALBANY___LFGE 323615	43.46 0.85 0.00	38.79 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.37 0.97 0.00	32.49 0.95 0.00	32.44 0.73 0.00	30.60 0.57 0.00	30.63 0.57 0.00	30.12 0.56 0.00	30.67 0.42 0.00	32.72 0.45 0.02	35.74 0.39 0.23	39.10 0.35 0.47	41.12 0.41 0.56	45.26 0.45 0.60	51.36 0.41 0.37	58.94 0.52 0.00	60.72 0.36 0.00	59.00 0.30 0.00	55.05 0.39 0.00	49.67 0.35 0.00	44.68 0.49 0.00	39.39 0.35 0.08
ALCOA_PA_115KV_PL-6C 55860	43.12 0.51 0.00	37.74 -0.08 0.00	32.39 -0.06 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	31.99 0.29 0.00	30.33 0.30 0.00	30.33 0.27 0.00	29.74 0.18 0.00	30.36 0.12 0.00	32.45 0.16 0.00	35.65 0.07 0.00	39.25 0.04 0.00	41.35 0.08 0.00	45.54 0.14 0.00	51.47 0.15 0.00	58.36 -0.06 0.00	60.41 0.06 0.00	58.88 0.18 0.00	54.94 0.27 0.00	49.72 0.39 0.00	44.59 0.40 0.00	39.52 0.39 0.00
ALCOA_RYNLDS___DRP 24188	43.12 0.51 0.00	37.74 -0.08 0.00	32.39 -0.06 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	31.99 0.29 0.00	30.33 0.30 0.00	30.33 0.27 0.00	29.74 0.18 0.00	30.36 0.12 0.00	32.45 0.16 0.00	35.65 0.07 0.00	39.25 0.04 0.00	41.35 0.08 0.00	45.54 0.14 0.00	51.47 0.15 0.00	58.36 -0.06 0.00	60.41 0.06 0.00	58.88 0.18 0.00	54.94 0.27 0.00	49.72 0.39 0.00	44.59 0.40 0.00	39.52 0.39 0.00
ALCOA___DSASP 323711	43.12 0.51 0.00	37.74 -0.08 0.00	32.39 -0.06 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	31.99 0.28 0.00	30.33 0.30 0.00	30.33 0.27 0.00	29.74 0.18 0.00	30.36 0.12 0.00	32.45 0.16 0.00	35.65 0.07 0.00	39.25 0.04 0.00	41.35 0.08 0.00	45.54 0.14 0.00	51.47 0.15 0.00	58.36 -0.06 0.00	60.41 0.06 0.00	58.88 0.18 0.00	55.10 0.44 0.00	49.71 0.39 0.00	44.59 0.40 0.00	39.52 0.39 0.00
ALLEGHENY___COGEN 23514	44.65 2.04 0.00	40.65 2.84 0.00	34.72 2.27 0.00	33.48 1.68 0.00	33.12 1.73 0.00	33.31 1.77 0.00	32.82 1.11 0.00	30.75 0.72 0.00	30.45 0.39 0.00	29.77 0.21 0.00	30.51 0.27 0.00	32.45 0.16 0.00	36.22 0.64 0.00	40.00 0.78 0.00	42.05 0.78 0.00	45.95 0.55 0.00	52.39 1.08 0.00	60.41 1.99 0.00	63.85 3.50 0.00	63.05 4.34 0.00	58.71 4.05 0.00	53.41 4.09 0.00	47.24 3.05 0.00	41.47 2.35 0.00
ALTAMONT_115KV_TB 2 55880	43.37 0.77 0.00	38.68 0.87 0.00	33.26 0.81 0.00	32.69 0.89 0.00	32.24 0.85 0.00	32.39 0.85 0.00	32.37 0.67 0.00	30.60 0.57 0.00	30.60 0.54 0.00	30.12 0.56 0.00	30.76 0.51 0.00	32.83 0.55 0.01	35.98 0.53 0.14	39.53 0.59 0.28	41.55 0.62 0.33	45.78 0.73 0.35	51.81 0.72 0.22	59.24 0.82 0.00	61.02 0.66 0.00	59.35 0.65 0.00	55.32 0.66 0.00	49.86 0.54 0.00	44.81 0.62 0.00	39.62 0.55 0.05
ALTONA_WT_PWR 323606	42.94 0.34 0.00	37.70 -0.11 0.00	32.39 -0.06 0.00	31.71 -0.10 0.00	31.30 -0.09 0.00	31.48 -0.06 0.00	31.93 0.22 0.00	30.30 0.27 0.00	30.24 0.18 0.00	29.62 0.06 0.00	30.21 -0.03 0.00	32.32 0.03 0.00	35.51 -0.07 0.00	39.10 -0.12 0.00	41.22 -0.04 0.00	45.45 0.05 0.00	51.42 0.10 0.00	58.48 0.06 0.00	60.66 0.30 0.00	59.23 0.53 0.00	55.33 0.66 0.00	49.87 0.54 0.00	44.59 0.40 0.00	39.52 0.39 0.00
AMERICAN_REF_FUEL 24010	42.26 -0.34 0.00	39.14 1.32 0.00	33.49 1.04 0.00	32.02 0.22 0.00	31.71 0.31 0.00	31.92 0.38 0.00	30.98 -0.73 0.00	29.19 -0.84 0.00	29.37 -0.69 0.00	28.97 -0.59 0.00	29.82 -0.42 0.00	31.68 -0.61 0.00	35.62 0.04 0.00	39.37 0.16 0.00	41.14 -0.12 0.00	44.68 -0.73 0.00	50.70 -0.61 0.00	58.07 -0.35 0.00	60.41 0.06 0.00	58.41 -0.29 0.00	54.01 -0.65 0.00	49.32 0.00 0.00	43.57 -0.62 0.00	38.73 -0.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.33 0.72 0.00	40.00 2.19 0.00	34.27 1.82 0.00	32.79 0.99 0.00	32.46 1.07 0.00	32.74 1.20 0.00	32.21 0.51 0.00	30.54 0.51 0.00	30.81 0.75 0.00	30.42 0.86 0.00	31.42 1.18 0.00	33.35 1.06 0.00	37.39 1.81 0.00	41.41 2.19 0.00	43.29 2.02 0.00	47.13 1.72 0.00	53.52 2.21 0.00	61.34 2.92 0.00	63.85 3.50 0.00	61.58 2.88 0.00	56.80 2.13 0.00	51.74 2.42 0.00	45.61 1.41 0.00	40.18 1.06 0.00
ARTHUR KILL_GT_1 23520	45.71 3.11 0.00	40.69 2.87 0.00	34.85 2.40 0.00	34.06 2.26 0.00	33.49 2.10 0.00	33.62 2.08 0.00	33.55 1.84 0.00	31.80 1.77 0.00	31.98 1.92 0.00	31.78 2.22 0.00	32.60 2.36 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	43.29 3.49 -0.59	45.60 3.63 -0.70	50.15 4.00 -0.75	55.32 3.54 -0.46	61.57 3.15 0.00	63.25 2.90 0.00	61.11 2.41 0.00	57.02 2.35 0.00	51.64 2.32 0.00	47.15 2.96 0.00	42.05 2.82 -0.10
ARTHUR_KILL_2 23512	45.55 2.94 -0.01	40.58 2.76 -0.01	34.73 2.27 -0.01	33.91 2.10 -0.01	33.41 2.01 -0.01	33.54 1.99 -0.01	33.42 1.71 0.00	31.68 1.65 0.00	31.89 1.83 0.00	31.70 2.13 -0.01	32.51 2.27 0.00	34.78 2.45 -0.04	38.62 2.74 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	49.97 3.81 -0.75	55.21 3.44 -0.46	61.45 3.04 0.01	63.00 2.65 0.01	60.99 2.29 0.01	56.63 1.97 0.00	51.44 2.12 0.00	46.99 2.79 -0.01	41.90 2.66 -0.11
ARTHUR_KILL_3 23513	44.90 2.30 0.00	40.00 2.19 0.00	34.30 1.85 0.00	33.48 1.68 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.20 1.49 0.00	31.56 1.53 0.00	31.83 1.77 0.00	31.54 1.98 0.00	32.36 2.12 0.00	34.68 2.36 -0.03	38.43 2.56 -0.29	42.70 2.90 -0.59	45.06 3.10 -0.70	49.60 3.45 -0.75	55.21 3.44 -0.46	61.92 3.50 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.02 2.35 0.00	51.20 1.87 0.00	46.27 2.08 0.00	41.30 2.07 -0.10

ARTHUR_KILL_COGEN 323718	45.72 3.11 -0.01	40.69 2.87 -0.01	34.86 2.40 -0.01	34.00 2.19 -0.01	33.50 2.10 -0.01	33.63 2.08 -0.01	33.55 1.84 0.00	31.77 1.74 0.00	31.98 1.93 0.00	31.79 2.22 -0.01	32.60 2.36 0.00	34.88 2.55 -0.04	38.72 2.85 -0.30	43.30 3.49 -0.59	45.61 3.63 -0.71	50.15 4.00 -0.75	55.42 3.64 -0.46	61.68 3.27 0.01	63.30 2.96 0.01	61.22 2.52 0.01	56.91 2.24 0.00	51.64 2.32 0.00	47.16 2.96 -0.01	42.06 2.82 -0.11
ASHOKAN____ 23654	44.35 1.75 0.00	39.52 1.70 0.00	33.88 1.43 0.00	33.14 1.34 0.00	32.68 1.29 0.00	32.80 1.26 0.00	32.69 0.98 0.00	30.81 0.78 0.00	30.81 0.75 0.00	30.21 0.65 0.00	30.82 0.57 0.00	33.49 1.20 0.00	37.22 1.64 0.00	41.14 1.92 0.00	43.41 2.14 0.00	48.04 2.63 0.00	54.55 3.23 0.00	60.52 2.10 0.00	62.28 1.93 0.00	60.76 2.05 0.00	56.36 1.70 0.00	50.85 1.53 0.00	45.74 1.55 0.00	41.47 2.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.34 2.73 -0.01	40.51 2.68 -0.01	34.67 2.21 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.57 2.02 -0.01	33.52 1.81 0.00	31.86 1.83 0.00	32.04 1.98 0.00	31.85 2.28 -0.01	32.51 2.27 0.00	34.88 2.55 -0.04	38.69 2.81 -0.30	42.95 3.14 -0.59	45.24 3.26 -0.71	49.74 3.59 -0.75	55.52 3.74 -0.46	61.56 3.15 0.01	63.12 2.78 0.01	61.11 2.41 0.01	56.86 2.19 0.00	51.49 2.17 0.00	46.76 2.56 -0.01	41.70 2.47 -0.11
ASTORIA_EAST_ENERGY_CC2 323582	45.34 2.73 -0.01	40.51 2.68 -0.01	34.67 2.21 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.57 2.02 -0.01	33.52 1.81 0.00	31.86 1.83 0.00	32.04 1.98 0.00	31.85 2.28 -0.01	32.51 2.27 0.00	34.88 2.55 -0.04	38.69 2.81 -0.30	42.95 3.14 -0.59	45.24 3.26 -0.71	49.74 3.59 -0.75	55.52 3.74 -0.46	61.56 3.15 0.01	63.12 2.78 0.01	61.11 2.41 0.01	56.86 2.19 0.00	51.49 2.17 0.00	46.76 2.56 -0.01	41.70 2.47 -0.11
ASTORIA_GT2_1 24094	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT2_2 24095	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT2_3 24096	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT2_4 24097	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT3_1 24098	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT3_2 24099	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT3_3 24100	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT3_4 24101	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT4_1 24102	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT4_2 24103	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT4_3 24104	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10

ASTORIA_GT4_4 24105	45.37 2.77 0.00	40.50 2.68 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.07 2.01 0.00	31.84 2.28 0.00	32.51 2.27 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.25 2.90 0.00	61.17 2.47 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.73 2.50 -0.10
ASTORIA_GT_1 23523	45.46 2.85 0.00	40.57 2.76 0.00	34.76 2.30 0.00	33.96 2.16 0.00	33.43 2.04 0.00	33.65 2.11 0.00	33.58 1.87 0.00	31.95 1.92 0.00	32.13 2.07 0.00	31.90 2.34 0.00	32.60 2.36 0.00	34.97 2.65 -0.03	38.79 2.92 -0.29	43.06 3.25 -0.59	45.35 3.38 -0.70	49.87 3.72 -0.75	55.47 3.69 -0.46	61.81 3.39 0.00	63.37 3.02 0.00	61.35 2.64 0.00	57.24 2.57 0.00	51.59 2.27 0.00	46.84 2.65 0.00	41.81 2.58 -0.10
ASTORIA_GT_10 24110	45.29 2.68 0.00	40.38 2.57 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.01 1.95 0.00	31.78 2.22 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.02 3.22 -0.59	45.31 3.34 -0.70	49.87 3.72 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.07 2.72 0.00	61.05 2.35 0.00	57.07 2.41 0.00	51.39 2.07 0.00	46.67 2.47 0.00	41.66 2.43 -0.10
ASTORIA_GT_11 24225	45.29 2.68 0.00	40.38 2.57 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.01 1.95 0.00	31.78 2.22 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.02 3.22 -0.59	45.31 3.34 -0.70	49.87 3.72 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.07 2.72 0.00	61.05 2.35 0.00	57.07 2.41 0.00	51.39 2.07 0.00	46.67 2.47 0.00	41.66 2.43 -0.10
ASTORIA_GT_12 24226	45.29 2.68 0.00	40.38 2.57 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.01 1.95 0.00	31.78 2.22 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.02 3.22 -0.59	45.31 3.34 -0.70	49.87 3.72 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.07 2.72 0.00	61.05 2.35 0.00	57.07 2.41 0.00	51.39 2.07 0.00	46.67 2.47 0.00	41.66 2.43 -0.10
ASTORIA_GT_13 24227	45.29 2.68 0.00	40.38 2.57 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.01 1.95 0.00	31.78 2.22 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.02 3.22 -0.59	45.31 3.34 -0.70	49.87 3.72 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.07 2.72 0.00	61.05 2.35 0.00	57.07 2.41 0.00	51.39 2.07 0.00	46.67 2.47 0.00	41.66 2.43 -0.10
ASTORIA_GT_5 24106	45.46 2.85 0.00	40.57 2.76 0.00	34.76 2.30 0.00	33.96 2.16 0.00	33.43 2.04 0.00	33.65 2.11 0.00	33.58 1.87 0.00	31.95 1.92 0.00	32.13 2.07 0.00	31.90 2.34 0.00	32.60 2.36 0.00	34.97 2.65 -0.03	38.79 2.92 -0.29	43.06 3.25 -0.59	45.35 3.38 -0.70	49.87 3.72 -0.75	55.47 3.69 -0.46	61.81 3.39 0.00	63.37 3.02 0.00	61.35 2.64 0.00	57.24 2.57 0.00	51.59 2.27 0.00	46.84 2.65 0.00	41.81 2.58 -0.10
ASTORIA_GT_7 24107	45.46 2.85 0.00	40.57 2.76 0.00	34.76 2.30 0.00	33.96 2.16 0.00	33.43 2.04 0.00	33.65 2.11 0.00	33.58 1.87 0.00	31.95 1.92 0.00	32.13 2.07 0.00	31.90 2.34 0.00	32.60 2.36 0.00	34.97 2.65 -0.03	38.79 2.92 -0.29	43.06 3.25 -0.59	45.35 3.38 -0.70	49.87 3.72 -0.75	55.47 3.69 -0.46	61.81 3.39 0.00	63.37 3.02 0.00	61.35 2.64 0.00	57.24 2.57 0.00	51.59 2.27 0.00	46.84 2.65 0.00	41.81 2.58 -0.10
ASTORIA_GT_8 24108	45.46 2.85 0.00	40.57 2.76 0.00	34.76 2.30 0.00	33.96 2.16 0.00	33.43 2.04 0.00	33.65 2.11 0.00	33.58 1.87 0.00	31.95 1.92 0.00	32.13 2.07 0.00	31.90 2.34 0.00	32.60 2.36 0.00	34.97 2.65 -0.03	38.79 2.92 -0.29	43.06 3.25 -0.59	45.35 3.38 -0.70	49.87 3.72 -0.75	55.47 3.69 -0.46	61.81 3.39 0.00	63.37 3.02 0.00	61.35 2.64 0.00	57.24 2.57 0.00	51.59 2.27 0.00	46.84 2.65 0.00	41.81 2.58 -0.10
ASTORIA___2 24149	45.38 2.77 -0.01	40.51 2.68 -0.01	34.70 2.24 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.60 2.05 -0.01	33.52 1.81 0.00	31.86 1.83 0.00	32.07 2.01 0.00	31.85 2.28 -0.01	32.51 2.27 0.00	34.88 2.55 -0.04	38.72 2.85 -0.30	42.98 3.18 -0.59	45.28 3.30 -0.71	49.74 3.59 -0.75	55.52 3.74 -0.46	61.62 3.21 0.01	63.12 2.78 0.01	61.16 2.47 0.01	56.86 2.19 0.00	51.49 2.17 0.00	46.76 2.56 -0.01	41.74 2.51 -0.11
ASTORIA___3 23516	45.30 2.69 -0.01	40.39 2.57 -0.01	34.67 2.21 -0.01	33.81 2.00 -0.01	33.31 1.92 -0.01	33.47 1.92 -0.01	33.45 1.74 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.79 2.22 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.03 3.22 -0.59	45.32 3.34 -0.71	49.88 3.72 -0.75	55.47 3.70 -0.46	61.62 3.21 0.01	63.00 2.65 0.01	61.05 2.35 0.01	56.91 2.24 0.00	51.39 2.07 0.00	46.67 2.47 -0.01	41.66 2.43 -0.11
ASTORIA___4 23517	45.29 2.68 0.00	40.38 2.57 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.01 1.95 0.00	31.78 2.22 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.02 3.22 -0.59	45.31 3.34 -0.70	49.87 3.72 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.07 2.72 0.00	61.05 2.35 0.00	57.07 2.41 0.00	51.39 2.07 0.00	46.67 2.47 0.00	41.66 2.43 -0.10
ASTORIA___5 23518	45.30 2.69 -0.01	40.39 2.57 -0.01	34.64 2.17 -0.01	33.81 2.00 -0.01	33.31 1.92 -0.01	33.47 1.92 -0.01	33.45 1.74 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.79 2.22 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.03 3.22 -0.59	45.32 3.34 -0.71	49.88 3.72 -0.75	55.47 3.70 -0.46	61.62 3.21 0.01	63.00 2.65 0.01	61.05 2.35 0.01	56.91 2.24 0.00	51.39 2.07 0.00	46.67 2.47 -0.01	41.66 2.43 -0.11
AST_ENERGY_2_CC3 323677	38.03 2.43 7.00	38.03 2.31 2.09	34.40 1.95 0.00	33.58 1.78 0.00	33.09 1.69 0.00	33.24 1.70 0.00	33.29 1.58 0.00	31.65 1.62 0.00	31.92 1.86 0.00	31.60 2.04 0.00	32.38 2.15 0.01	34.71 2.39 -0.03	36.48 2.60 1.70	36.48 2.94 5.68	36.48 3.10 7.88	36.48 3.50 12.42	36.48 3.54 18.37	37.79 3.62 24.25	38.06 3.08 25.37	36.48 2.76 24.99	36.48 2.52 20.70	36.48 2.02 14.87	36.48 2.21 9.92	36.48 2.19 4.84
AST_ENERGY_2_CC4 323678	38.03 2.43 7.00	38.03 2.31 2.09	34.40 1.95 0.00	33.58 1.78 0.00	33.09 1.69 0.00	33.24 1.70 0.00	33.29 1.58 0.00	31.65 1.62 0.00	31.92 1.86 0.00	31.60 2.04 0.00	32.38 2.15 0.01	34.71 2.39 -0.03	36.48 2.60 1.70	36.48 2.94 5.68	36.48 3.10 7.88	36.48 3.50 12.42	36.48 3.54 18.37	37.79 3.62 24.25	38.06 3.08 25.37	36.48 2.76 24.99	36.48 2.52 20.70	36.48 2.02 14.87	36.48 2.21 9.92	36.48 2.19 4.84

ATHENS_STG_1 23668	43.58 0.98 0.00	38.87 1.06 0.00	33.36 0.91 0.00	32.79 0.99 0.00	32.33 0.94 0.00	32.49 0.95 0.00	32.50 0.79 0.00	30.75 0.72 0.00	30.81 0.75 0.00	30.39 0.83 0.00	31.12 0.88 0.00	33.21 0.90 -0.01	36.66 0.96 -0.12	40.55 1.10 -0.24	42.71 1.15 -0.29	47.03 1.32 -0.30	52.83 1.33 -0.19	59.82 1.40 0.00	61.50 1.14 0.00	59.70 1.00 0.00	55.60 0.93 0.00	50.06 0.74 0.00	45.03 0.84 0.00	39.95 0.78 -0.04
ATHENS_STG_2 23670	43.58 0.98 0.00	38.87 1.06 0.00	33.36 0.91 0.00	32.79 0.99 0.00	32.33 0.94 0.00	32.49 0.95 0.00	32.50 0.79 0.00	30.75 0.72 0.00	30.81 0.75 0.00	30.39 0.83 0.00	31.12 0.88 0.00	33.21 0.90 -0.01	36.66 0.96 -0.12	40.55 1.10 -0.24	42.71 1.15 -0.29	47.03 1.32 -0.30	52.83 1.33 -0.19	59.82 1.40 0.00	61.50 1.14 0.00	59.70 1.00 0.00	55.60 0.93 0.00	50.06 0.74 0.00	45.03 0.84 0.00	39.95 0.78 -0.04
ATHENS_STG_3 23677	43.58 0.98 0.00	38.87 1.06 0.00	33.36 0.91 0.00	32.79 0.99 0.00	32.33 0.94 0.00	32.49 0.95 0.00	32.50 0.79 0.00	30.75 0.72 0.00	30.81 0.75 0.00	30.39 0.83 0.00	31.12 0.88 0.00	33.21 0.90 -0.01	36.66 0.96 -0.12	40.55 1.10 -0.24	42.71 1.15 -0.29	47.03 1.32 -0.30	52.83 1.33 -0.19	59.82 1.40 0.00	61.50 1.14 0.00	59.70 1.00 0.00	55.60 0.93 0.00	50.06 0.74 0.00	45.03 0.84 0.00	39.95 0.78 -0.04
AUBURN____LFGE 323710	43.32 0.09 -0.63	38.86 0.45 -0.60	32.95 0.36 -0.14	31.96 0.16 0.00	31.61 0.22 0.00	31.81 0.22 -0.05	31.76 0.00 -0.05	30.03 0.00 0.00	30.06 0.00 0.00	29.47 -0.09 0.00	30.24 0.00 0.00	32.29 0.00 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.35 0.08 0.00	45.40 0.00 0.00	51.52 0.21 0.00	58.83 0.41 0.00	61.20 0.84 0.00	59.59 0.88 0.00	55.32 0.66 0.00	51.15 0.74 -1.09	44.63 0.44 0.00	39.40 0.27 0.00
BABYLON_RES_REC 323704	46.02 3.41 -0.01	41.15 3.33 -0.01	35.02 2.56 0.00	34.06 2.26 0.00	33.53 2.14 0.00	33.50 1.96 0.00	33.61 1.90 0.00	31.92 1.89 0.00	32.37 2.31 0.00	32.19 2.63 0.00	33.09 2.84 -0.01	42.02 3.00 -6.72	43.05 3.31 -4.16	43.60 3.73 -0.66	45.65 3.67 -0.71	49.37 3.31 -0.65	54.85 3.29 -0.24	62.28 3.85 0.00	63.43 3.08 0.00	61.20 2.70 0.21	56.05 1.64 0.25	50.48 1.33 0.17	45.91 1.72 0.00	42.45 3.21 -0.11
BALL_HILL_WT_PWR 323825	42.82 0.21 0.00	39.52 1.70 0.00	33.82 1.36 0.00	32.37 0.57 0.00	32.05 0.66 0.00	32.30 0.76 0.00	31.77 0.06 0.00	30.06 0.03 0.00	30.30 0.24 0.00	29.92 0.36 0.00	30.85 0.60 0.00	32.78 0.49 0.00	36.79 1.21 0.00	40.71 1.49 0.00	42.55 1.28 0.00	46.36 0.96 0.00	52.60 1.28 0.00	60.29 1.87 0.00	62.70 2.35 0.00	60.53 1.82 0.00	55.82 1.15 0.00	50.85 1.53 0.00	44.94 0.75 0.00	39.63 0.51 0.00
BARON_WINDS____WT_PWR 323822	42.82 0.21 0.00	39.06 1.25 0.00	33.46 1.01 0.00	32.28 0.48 0.00	31.92 0.53 0.00	32.14 0.60 0.00	31.74 0.03 0.00	29.94 -0.09 0.00	29.91 -0.15 0.00	29.44 -0.12 0.00	30.33 0.09 0.00	32.29 0.00 0.00	36.04 0.46 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.72 0.32 0.00	51.83 0.51 0.00	59.35 0.93 0.00	61.98 1.63 0.00	60.23 1.52 0.00	55.93 1.26 0.00	50.75 1.43 0.00	45.03 0.84 0.00	39.71 0.59 0.00
BARRETT_IC_1 23704	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_10 23701	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_11 23702	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_12 23703	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_2 23705	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_3 23706	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_4 23707	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_5 23708	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11

BARRETT_IC_6 23709	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_7 23710	45.59 2.98 0.00	40.69 2.87 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.80 1.77 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.69 2.45 0.00	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.46 3.30 -0.89	49.51 3.36 -0.75	55.01 3.23 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.47 1.80 0.00	50.80 1.48 0.00	45.74 1.55 0.00	41.97 2.74 -0.10
BARRETT_IC_8 23711	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT_IC_9 23700	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT___1 23545	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BARRETT___2 23546	45.59 2.98 -0.01	40.69 2.87 -0.01	34.72 2.27 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.68 1.65 0.00	32.04 1.98 0.00	31.87 2.31 0.00	32.70 2.45 -0.01	41.60 2.58 -6.72	43.72 2.81 -5.33	43.72 3.18 -1.33	45.47 3.30 -0.90	49.51 3.36 -0.75	55.06 3.29 -0.46	62.16 3.74 0.00	63.37 3.02 0.00	61.35 2.64 0.00	56.42 1.75 0.00	50.80 1.48 0.00	45.69 1.50 0.00	41.98 2.74 -0.11
BATAVIA___115KV_TB1 55881	43.75 1.15 0.00	40.27 2.46 0.00	34.40 1.95 0.00	32.63 0.83 0.00	32.62 1.22 0.00	32.80 1.26 0.00	32.12 0.41 0.00	30.30 0.27 0.00	30.45 0.39 0.00	29.98 0.41 0.00	30.82 0.57 0.00	32.74 0.45 0.00	36.72 1.14 0.00	40.59 1.37 0.00	42.46 1.20 0.00	46.27 0.86 0.00	52.75 1.44 0.00	60.23 1.81 0.00	62.95 2.60 0.00	61.29 2.58 0.00	56.69 2.02 0.00	51.74 2.42 0.00	45.69 1.50 0.00	40.34 1.21 0.00
BAYONEEC___CTG1 323682	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG10 323750	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG2 323683	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG3 323684	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG4 323685	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG5 323686	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG6 323687	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG7 323688	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10

BAYONEEC___CTG8 323689	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BAYONEEC___CTG9 323749	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
BEACON___LESR 323632	43.62 1.02 0.00	38.95 1.13 0.00	33.52 1.07 0.00	32.94 1.14 0.00	32.49 1.10 0.00	32.58 1.04 0.00	32.53 0.82 0.00	30.72 0.69 0.00	30.75 0.69 0.00	30.21 0.65 0.00	30.76 0.51 0.00	32.85 0.58 0.02	35.85 0.50 0.22	39.23 0.47 0.46	41.22 0.50 0.55	45.41 0.59 0.58	51.62 0.67 0.36	59.24 0.82 0.00	61.02 0.67 0.00	59.35 0.65 0.00	55.33 0.66 0.00	49.96 0.64 0.00	44.90 0.70 0.00	39.59 0.55 0.08
BEAVER RIVER___HYD 24048	43.82 0.77 -0.45	38.47 0.23 -0.43	32.65 0.10 -0.10	31.90 0.10 0.00	31.61 0.22 0.00	31.93 0.35 -0.04	32.03 0.28 -0.04	30.24 0.21 0.00	30.30 0.24 0.00	29.65 0.09 0.00	30.21 -0.03 0.00	32.03 -0.26 0.00	35.12 -0.46 0.00	38.67 -0.55 0.00	40.81 -0.45 0.00	44.86 -0.54 0.00	50.90 -0.41 0.00	58.01 -0.41 0.00	60.72 0.36 0.00	59.41 0.71 0.00	55.43 0.76 0.00	50.95 0.84 -0.79	44.86 0.66 0.00	39.63 0.51 0.00
BEEBEE_GT_13 23619	42.86 0.26 0.00	39.02 1.21 0.00	33.36 0.91 0.00	32.12 0.32 0.00	31.83 0.44 0.00	32.01 0.47 0.00	31.71 0.00 0.00	29.97 -0.06 0.00	30.09 0.03 0.00	29.62 0.06 0.00	30.45 0.21 0.00	32.42 0.13 0.00	36.19 0.60 0.00	39.92 0.71 0.00	41.84 0.58 0.00	45.77 0.36 0.00	52.09 0.77 0.00	59.30 0.88 0.00	61.74 1.39 0.00	60.12 1.41 0.00	55.71 1.04 0.00	50.65 1.33 0.00	44.90 0.71 0.00	39.63 0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	45.71 3.11 0.00	40.72 2.91 0.00	34.89 2.43 0.00	34.06 2.26 0.00	33.49 2.10 0.00	33.62 2.08 0.00	33.55 1.84 0.00	31.86 1.83 0.00	32.10 2.04 0.00	31.90 2.34 0.00	32.72 2.48 0.00	35.06 2.74 -0.03	38.89 3.02 -0.29	43.37 3.57 -0.59	45.72 3.76 -0.70	50.37 4.22 -0.75	55.73 3.95 -0.46	62.16 3.74 0.00	63.73 3.38 0.00	61.64 2.94 0.00	57.51 2.84 0.00	51.84 2.52 0.00	47.15 2.96 0.00	42.09 2.86 -0.10
BETHLEHEM___GRP 23843	43.07 0.47 0.00	38.46 0.64 0.00	33.13 0.68 0.00	32.56 0.76 0.00	32.11 0.72 0.00	32.24 0.69 0.00	32.22 0.51 0.00	30.42 0.39 0.00	30.42 0.36 0.00	29.95 0.38 0.00	30.42 0.18 0.00	32.49 0.23 0.02	35.48 0.11 0.21	38.83 0.04 0.43	40.79 0.04 0.51	44.91 0.05 0.54	50.93 -0.05 0.34	58.36 -0.06 0.00	60.05 -0.30 0.00	58.35 -0.35 0.00	54.45 -0.22 0.00	49.12 -0.20 0.00	44.19 0.00 0.00	39.01 -0.04 0.08
BETHLEHEM___GS1 323560	43.07 0.47 0.00	38.45 0.64 0.00	33.14 0.68 0.00	32.56 0.76 0.00	32.11 0.72 0.00	32.23 0.69 0.00	32.21 0.51 0.00	30.42 0.39 0.00	30.45 0.39 0.00	29.94 0.38 0.00	30.46 0.21 0.00	32.50 0.23 0.02	35.48 0.11 0.21	38.83 0.04 0.43	40.79 0.04 0.51	44.86 0.00 0.54	50.93 -0.05 0.34	58.30 -0.12 0.00	60.05 -0.30 0.00	58.36 -0.35 0.00	54.40 -0.27 0.00	49.13 -0.20 0.00	44.19 0.00 0.00	39.01 -0.04 0.08
BETHLEHEM___GS2 323561	43.07 0.47 0.00	38.45 0.64 0.00	33.14 0.68 0.00	32.56 0.76 0.00	32.11 0.72 0.00	32.23 0.69 0.00	32.21 0.51 0.00	30.42 0.39 0.00	30.45 0.39 0.00	29.94 0.38 0.00	30.46 0.21 0.00	32.50 0.23 0.02	35.48 0.11 0.21	38.83 0.04 0.43	40.79 0.04 0.51	44.86 0.00 0.54	50.93 -0.05 0.34	58.30 -0.12 0.00	60.05 -0.30 0.00	58.36 -0.35 0.00	54.40 -0.27 0.00	49.13 -0.20 0.00	44.19 0.00 0.00	39.01 -0.04 0.08
BETHLEHEM___GS3 323562	43.07 0.47 0.00	38.45 0.64 0.00	33.14 0.68 0.00	32.56 0.76 0.00	32.11 0.72 0.00	32.23 0.69 0.00	32.21 0.51 0.00	30.42 0.39 0.00	30.45 0.39 0.00	29.94 0.38 0.00	30.46 0.21 0.00	32.50 0.23 0.02	35.48 0.11 0.21	38.83 0.04 0.43	40.79 0.04 0.51	44.86 0.00 0.54	50.93 -0.05 0.34	58.30 -0.12 0.00	60.05 -0.30 0.00	58.36 -0.35 0.00	54.40 -0.27 0.00	49.13 -0.20 0.00	44.19 0.00 0.00	39.01 -0.04 0.08
BETHLEHEM___STEEL 23779	42.65 0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.09 0.29 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.61 -0.10 0.00	29.85 -0.18 0.00	30.12 0.06 0.00	29.74 0.18 0.00	30.64 0.39 0.00	32.55 0.26 0.00	36.54 0.96 0.00	40.47 1.25 0.00	42.30 1.03 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.76 1.34 0.00	62.22 1.87 0.00	60.12 1.41 0.00	55.43 0.77 0.00	50.60 1.28 0.00	44.72 0.53 0.00	39.48 0.35 0.00
BETHLHEM_115KV_TB1 79974	43.12 0.51 0.00	38.49 0.68 0.00	33.17 0.71 0.00	32.60 0.80 0.00	32.14 0.75 0.00	32.27 0.73 0.00	32.25 0.54 0.00	30.45 0.42 0.00	30.48 0.42 0.00	29.98 0.41 0.00	30.52 0.27 0.00	32.56 0.29 0.02	35.59 0.21 0.20	38.97 0.16 0.40	40.99 0.21 0.48	45.07 0.18 0.51	51.10 0.10 0.32	58.54 0.12 0.00	60.23 -0.12 0.00	58.59 -0.12 0.00	54.61 -0.05 0.00	49.27 -0.05 0.00	44.32 0.13 0.00	39.13 0.08 0.07
BETHPAGE_CC_5 323564	45.94 3.33 -0.01	41.07 3.25 -0.01	34.99 2.53 0.00	34.03 2.23 0.00	33.49 2.10 0.00	33.50 1.96 0.00	33.58 1.87 0.00	31.92 1.89 0.00	32.31 2.26 0.00	32.16 2.60 0.00	33.06 2.81 -0.01	41.98 2.97 -6.72	43.04 3.27 -4.19	43.62 3.73 -0.68	45.70 3.72 -0.72	49.84 3.77 -0.67	55.46 3.85 -0.29	62.81 4.38 0.00	64.04 3.68 0.00	61.77 3.23 0.16	56.74 2.24 0.17	50.98 1.77 0.12	46.00 1.81 0.00	42.33 3.09 -0.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.65 0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.05 0.25 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.61 -0.10 0.00	29.85 -0.18 0.00	30.15 0.09 0.00	29.77 0.21 0.00	30.70 0.45 0.00	32.61 0.32 0.00	36.61 1.03 0.00	40.51 1.29 0.00	42.38 1.11 0.00	46.09 0.68 0.00	52.44 1.13 0.00	59.94 1.52 0.00	62.35 1.99 0.00	60.23 1.53 0.00	55.54 0.87 0.00	50.65 1.33 0.00	44.77 0.57 0.00	39.52 0.39 0.00
BINGHAMTON___COGEN 23790	42.86 0.26 0.00	38.53 0.72 0.00	33.04 0.58 0.00	32.15 0.35 0.00	31.83 0.44 0.00	31.98 0.44 0.00	31.87 0.16 0.00	30.18 0.15 0.00	30.24 0.18 0.00	29.74 0.18 0.00	30.55 0.30 0.00	32.61 0.32 0.00	36.11 0.53 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.95 0.54 0.00	52.09 0.77 0.00	59.41 0.99 0.00	61.62 1.27 0.00	59.76 1.06 0.00	55.54 0.87 0.00	50.16 0.84 0.00	44.77 0.57 0.00	39.56 0.43 0.00

BIXINCNT_115KV_LOAD 355685	42.56 -0.04 0.00	39.21 1.40 0.00	33.59 1.14 0.00	31.96 0.16 0.00	31.83 0.44 0.00	32.08 0.54 0.00	31.65 -0.06 0.00	30.00 -0.03 0.00	30.33 0.27 0.00	29.95 0.38 0.00	30.91 0.67 0.00	32.81 0.52 0.00	36.79 1.21 0.00	40.75 1.53 0.00	42.63 1.36 0.00	46.40 1.00 0.00	52.80 1.49 0.00	60.29 1.87 0.00	62.77 2.41 0.00	60.47 1.76 0.00	55.76 1.09 0.00	50.80 1.48 0.00	44.85 0.66 0.00	39.48 0.35 0.00
BLACK RIVER___HYD 24047	44.36 0.94 -0.82	39.16 0.57 -0.78	33.02 0.39 -0.18	32.12 0.32 0.00	31.92 0.53 0.00	32.30 0.69 -0.07	32.28 0.51 -0.07	30.42 0.39 0.00	30.36 0.30 0.00	29.68 0.12 0.00	30.24 0.00 0.00	32.10 -0.19 0.00	35.19 -0.39 0.00	38.70 -0.51 0.00	40.89 -0.37 0.00	44.95 -0.45 0.00	51.11 -0.20 0.00	58.42 0.00 0.00	61.44 1.09 0.00	60.35 1.64 0.00	56.36 1.70 0.00	52.36 1.63 -1.42	45.43 1.24 0.00	40.10 0.98 0.00
BLACKRVR_115KV_TB2 79977	44.36 0.94 -0.82	39.16 0.57 -0.78	33.02 0.39 -0.18	32.12 0.32 0.00	31.93 0.53 0.00	32.30 0.69 -0.07	32.28 0.51 -0.07	30.42 0.39 0.00	30.36 0.30 0.00	29.68 0.12 0.00	30.24 0.00 0.00	32.10 -0.19 0.00	35.19 -0.39 0.00	38.71 -0.51 0.00	40.89 -0.37 0.00	44.95 -0.45 0.00	51.11 -0.21 0.00	58.42 0.00 0.00	61.44 1.09 0.00	60.35 1.64 0.00	56.31 1.64 0.00	52.37 1.63 -1.42	45.43 1.24 0.00	40.10 0.98 0.00
BLDWN_LI_69_KV_BK4 356085	46.01 3.41 0.00	41.06 3.25 0.00	34.98 2.53 0.00	34.15 2.35 0.00	33.53 2.13 0.00	33.50 1.96 0.00	33.58 1.87 0.00	32.04 2.01 0.00	32.31 2.25 0.00	32.13 2.57 0.00	33.00 2.75 0.00	41.95 2.94 -6.72	43.31 3.24 -4.49	43.75 3.69 -0.85	45.82 3.80 -0.76	50.15 4.00 -0.75	55.83 4.05 -0.46	63.09 4.67 0.00	64.34 3.98 0.00	62.29 3.58 0.00	57.29 2.62 0.00	51.44 2.12 0.00	46.27 2.08 0.00	42.36 3.13 -0.10
BLISS_WT_PWR 323608	42.52 -0.09 0.00	39.17 1.36 0.00	33.56 1.10 0.00	32.12 0.32 0.00	31.80 0.41 0.00	32.11 0.57 0.00	31.65 -0.06 0.00	30.06 0.03 0.00	30.33 0.27 0.00	29.94 0.38 0.00	30.91 0.66 0.00	32.84 0.55 0.00	36.83 1.24 0.00	40.74 1.53 0.00	42.63 1.36 0.00	46.45 1.05 0.00	52.75 1.43 0.00	60.34 1.92 0.00	62.83 2.48 0.00	60.53 1.82 0.00	55.82 1.15 0.00	50.80 1.48 0.00	44.86 0.66 0.00	39.48 0.35 0.00
BLUESTONE___WT_PWR 323821	44.61 2.00 0.00	39.97 2.15 0.00	34.20 1.75 0.00	33.39 1.59 0.00	33.15 1.76 0.00	33.43 1.89 0.00	33.26 1.55 0.00	31.44 1.41 0.00	31.29 1.23 0.00	30.60 1.03 0.00	31.27 1.03 0.00	33.49 1.20 0.00	36.86 1.28 0.00	40.63 1.41 0.00	42.83 1.57 0.00	47.09 1.68 0.00	53.68 2.36 0.00	61.51 3.09 0.00	64.40 4.04 0.00	62.70 3.99 0.00	58.39 3.72 0.00	52.68 3.36 0.00	46.93 2.74 0.00	41.39 2.27 0.00
BLUE_CIRC_CHEM_DRP 24182	43.50 0.89 0.00	38.80 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.36 0.97 0.00	32.49 0.95 0.00	32.41 0.70 0.00	30.57 0.54 0.00	30.54 0.48 0.00	30.01 0.44 0.00	30.61 0.36 0.00	32.66 0.39 0.01	35.80 0.36 0.14	39.29 0.35 0.28	41.30 0.37 0.34	45.50 0.45 0.36	51.56 0.46 0.22	58.95 0.53 0.00	60.78 0.42 0.00	59.18 0.47 0.00	55.27 0.60 0.00	49.86 0.54 0.00	44.81 0.62 0.00	39.62 0.55 0.05
BOC_GAS_DRP 24189	43.24 0.64 0.00	38.57 0.76 0.00	33.17 0.71 0.00	32.63 0.83 0.00	32.18 0.78 0.00	32.30 0.76 0.00	32.28 0.57 0.00	30.54 0.51 0.00	30.54 0.48 0.00	30.06 0.50 0.00	30.73 0.48 0.00	32.79 0.52 0.01	35.95 0.50 0.13	39.50 0.55 0.27	41.52 0.58 0.32	45.70 0.64 0.34	51.72 0.62 0.21	59.06 0.64 0.00	60.78 0.42 0.00	59.12 0.41 0.00	55.05 0.38 0.00	49.62 0.30 0.00	44.63 0.44 0.00	39.47 0.39 0.05
BOONVILLE_115KV_TB1 79983	43.54 0.94 0.00	38.46 0.64 0.00	32.94 0.49 0.00	32.28 0.48 0.00	31.99 0.60 0.00	32.20 0.66 0.00	32.25 0.54 0.00	30.51 0.48 0.00	30.57 0.51 0.00	29.95 0.38 0.00	30.58 0.33 0.00	32.55 0.26 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.51 0.25 0.00	45.63 0.23 0.00	51.83 0.51 0.00	59.12 0.70 0.00	61.56 1.21 0.00	60.06 1.35 0.00	55.92 1.26 0.00	50.51 1.18 0.00	45.16 0.97 0.00	39.87 0.74 0.00
BORALEX_4TH_BRANCH 23824	44.01 1.41 0.00	39.36 1.55 0.00	33.85 1.40 0.00	33.23 1.43 0.00	32.77 1.38 0.00	32.90 1.36 0.00	32.91 1.20 0.00	31.23 1.20 0.00	31.20 1.14 0.00	30.66 1.09 0.00	31.21 0.97 0.00	33.27 1.03 0.06	36.11 1.10 0.57	39.35 1.29 1.16	41.24 1.36 1.39	45.52 1.59 1.48	52.04 1.64 0.91	60.29 1.87 0.00	62.10 1.75 0.00	60.35 1.64 0.00	56.20 1.53 0.00	50.70 1.38 0.00	45.61 1.41 0.00	39.98 1.06 0.21
BOWLINE___1 23526	44.43 1.83 0.00	39.63 1.81 0.00	34.01 1.56 0.00	33.26 1.46 0.00	32.77 1.38 0.00	32.93 1.39 0.00	32.94 1.24 0.00	31.29 1.26 0.00	31.50 1.44 0.00	31.16 1.60 0.00	32.00 1.75 0.00	34.19 1.87 -0.03	37.91 2.06 -0.27	42.08 2.31 -0.55	44.36 2.43 -0.66	48.78 2.68 -0.70	54.57 2.82 -0.43	61.34 2.92 0.00	62.89 2.53 0.00	60.88 2.17 0.00	56.58 1.91 0.00	50.85 1.53 0.00	45.83 1.64 0.00	40.90 1.68 -0.10
BOWLINE___2 23595	44.39 1.79 0.00	39.59 1.78 0.00	34.01 1.56 0.00	33.23 1.43 0.00	32.77 1.38 0.00	32.90 1.36 0.00	32.94 1.24 0.00	31.29 1.26 0.00	31.47 1.41 0.00	31.13 1.57 0.00	32.00 1.75 0.00	34.19 1.87 -0.03	37.88 2.03 -0.27	42.04 2.27 -0.55	44.28 2.35 -0.66	48.74 2.63 -0.70	54.47 2.72 -0.43	61.28 2.86 0.00	62.77 2.42 0.00	60.76 2.05 0.00	56.47 1.80 0.00	50.75 1.43 0.00	45.78 1.59 0.00	40.87 1.64 -0.10
BRADY___115KV_TB2 356060	43.54 0.94 0.00	38.04 0.23 0.00	32.65 0.19 0.00	31.99 0.19 0.00	31.58 0.19 0.00	31.79 0.25 0.00	32.28 0.57 0.00	30.57 0.54 0.00	30.48 0.42 0.00	29.83 0.27 0.00	30.42 0.18 0.00	32.55 0.26 0.00	35.69 0.11 0.00	39.29 0.08 0.00	41.39 0.12 0.00	45.63 0.23 0.00	51.62 0.31 0.00	58.48 0.06 0.00	60.78 0.42 0.00	59.41 0.70 0.00	55.54 0.87 0.00	50.31 0.99 0.00	45.08 0.88 0.00	39.95 0.82 0.00
BRANSCOMB___SOLAR 323811	44.09 1.49 0.00	39.33 1.51 0.00	33.75 1.30 0.00	33.14 1.34 0.00	32.68 1.29 0.00	32.80 1.26 0.00	32.69 0.98 0.00	31.05 1.02 0.00	30.96 0.90 0.00	30.36 0.80 0.00	30.88 0.64 0.00	32.94 0.68 0.03	35.93 0.64 0.29	39.34 0.71 0.58	41.31 0.74 0.70	45.30 0.64 0.74	51.57 0.72 0.46	59.59 1.17 0.00	61.68 1.33 0.00	60.17 1.47 0.00	56.36 1.70 0.00	51.00 1.68 0.00	45.78 1.59 0.00	40.27 1.25 0.10
BRDGHMPT_69_KV_BK1 55812	46.78 4.18 0.00	41.78 3.97 0.00	35.41 2.95 0.00	34.60 2.80 0.00	33.93 2.54 0.00	33.84 2.30 0.00	33.87 2.16 0.00	32.55 2.52 0.00	32.85 2.80 0.00	32.81 3.25 0.00	33.96 3.72 0.00	43.02 4.00 -6.72	44.30 4.63 -4.09	44.98 5.14 -0.62	47.08 5.12 -0.69	51.31 5.40 -0.51	56.70 5.49 0.10	65.02 6.60 0.00	65.55 5.19 0.00	62.75 4.58 0.54	57.38 3.23 0.51	51.63 2.66 0.35	46.49 2.30 0.00	43.10 3.87 -0.10

BRENTWOD_69_KV_W. BRTWOOD 56703	46.27 3.66 0.00	41.44 3.63 0.00	35.24 2.79 0.00	34.38 2.58 0.00	33.75 2.35 0.00	33.69 2.14 0.00	33.77 2.06 0.00	32.31 2.28 0.00	32.55 2.49 0.00	32.40 2.84 0.00	33.33 3.08 0.00	42.27 3.26 -6.72	43.24 3.56 -4.10	43.84 4.00 -0.63	45.72 3.76 -0.69	49.92 3.81 -0.70	55.68 3.90 -0.46	63.07 4.62 -0.03	64.19 3.80 -0.03	62.06 3.35 0.00	56.26 2.24 0.64	50.65 1.78 0.45	45.91 1.72 0.00	42.67 3.44 -0.10
BRISTLHL_115KV_TB1 79998	43.82 -0.81 -2.03	39.29 -0.45 -1.93	32.47 -0.42 -0.44	31.29 -0.51 0.00	30.92 -0.47 0.00	31.23 -0.47 -0.16	31.24 -0.63 -0.16	29.40 -0.63 0.00	29.43 -0.63 0.00	28.91 -0.65 0.00	29.64 -0.60 0.00	31.64 -0.65 0.00	34.98 -0.60 0.00	38.51 -0.71 0.00	40.48 -0.78 0.00	44.50 -0.91 0.00	50.39 -0.92 0.00	57.48 -0.93 0.00	59.63 -0.72 0.00	58.06 -0.65 0.00	53.96 -0.71 0.00	52.30 -0.54 -3.52	43.57 -0.62 0.00	38.54 -0.59 0.00
BROOKHAVEN___DRP 24191	45.76 3.15 0.00	40.95 3.14 0.00	34.79 2.34 0.00	33.99 2.19 0.00	33.34 1.95 0.00	33.28 1.73 0.00	33.36 1.65 0.00	32.01 1.98 0.00	32.19 2.13 0.00	32.04 2.48 0.00	33.03 2.78 0.00	41.92 2.91 -6.72	42.91 3.24 -4.09	43.48 3.65 -0.62	45.42 3.47 -0.69	49.46 3.54 -0.51	54.71 3.49 0.09	62.63 4.21 0.00	63.62 3.26 0.00	61.00 2.82 0.53	55.92 1.75 0.50	50.31 1.33 0.35	45.47 1.28 0.00	42.24 3.01 -0.10
BROOKLYN_NAVY_YARD 23515	45.07 2.47 0.00	40.16 2.35 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.09 1.69 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.69 2.13 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.74 3.59 -0.75	55.42 3.64 -0.46	62.16 3.74 0.00	63.61 3.26 0.00	61.58 2.88 0.00	57.29 2.62 0.00	51.39 2.07 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
BROOKLYN___ARMY_DRP 323595	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
BROOME_2_LFGE 323671	42.86 0.26 0.00	38.53 0.72 0.00	33.04 0.58 0.00	32.18 0.38 0.00	31.83 0.44 0.00	31.98 0.44 0.00	31.87 0.16 0.00	30.21 0.18 0.00	30.24 0.18 0.00	29.74 0.18 0.00	30.55 0.30 0.00	32.61 0.32 0.00	36.12 0.53 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.95 0.55 0.00	52.09 0.77 0.00	59.41 0.99 0.00	61.62 1.27 0.00	59.82 1.11 0.00	55.54 0.87 0.00	50.16 0.84 0.00	44.76 0.57 0.00	39.56 0.43 0.00
BROOME___LFGE 323600	42.86 0.26 0.00	38.53 0.72 0.00	33.04 0.58 0.00	32.18 0.38 0.00	31.83 0.44 0.00	31.98 0.44 0.00	31.87 0.16 0.00	30.21 0.18 0.00	30.24 0.18 0.00	29.74 0.18 0.00	30.55 0.30 0.00	32.61 0.32 0.00	36.12 0.53 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.95 0.55 0.00	52.09 0.77 0.00	59.41 0.99 0.00	61.62 1.27 0.00	59.82 1.11 0.00	55.54 0.87 0.00	50.16 0.84 0.00	44.76 0.57 0.00	39.56 0.43 0.00
BROWNFLS_115KV_TB_3_5 80003	43.63 0.72 -0.31	38.22 0.11 -0.29	32.55 0.03 -0.07	31.80 0.00 0.00	31.49 0.09 0.00	31.72 0.16 -0.02	32.05 0.32 -0.02	30.30 0.27 0.00	30.33 0.27 0.00	29.68 0.12 0.00	30.27 0.03 0.00	32.23 -0.06 0.00	35.33 -0.25 0.00	38.86 -0.35 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	50.96 -0.36 0.00	57.84 -0.58 0.00	60.29 -0.06 0.00	58.94 0.23 0.00	55.00 0.33 0.00	50.45 0.59 -0.53	44.85 0.66 0.00	39.63 0.51 0.00
BROWNSV1_27_KV_LOAD 356125	45.50 2.90 0.00	40.57 2.76 0.00	34.76 2.30 0.00	33.96 2.16 0.00	33.40 2.01 0.00	33.56 2.02 0.00	33.61 1.90 0.00	31.95 1.92 0.00	32.22 2.16 0.00	31.93 2.36 0.00	32.75 2.51 0.00	35.06 2.74 -0.03	38.89 3.02 -0.29	43.25 3.45 -0.59	45.60 3.63 -0.70	50.24 4.09 -0.75	55.93 4.16 -0.46	62.86 4.44 0.00	64.28 3.92 0.00	62.29 3.58 0.00	57.95 3.28 0.00	51.94 2.61 0.00	46.93 2.74 0.00	41.89 2.66 -0.10
BURROWS___LYONSDAL 23803	43.71 0.89 -0.21	38.51 0.49 -0.20	32.86 0.36 -0.05	32.15 0.35 0.00	31.86 0.47 0.00	32.13 0.57 -0.02	32.17 0.44 -0.02	30.42 0.39 0.00	30.51 0.45 0.00	29.86 0.30 0.00	30.48 0.24 0.00	32.39 0.10 0.00	35.54 -0.04 0.00	39.14 -0.08 0.00	41.27 0.00 0.00	45.40 0.00 0.00	51.57 0.26 0.00	58.77 0.35 0.00	61.26 0.91 0.00	59.82 1.12 0.00	55.71 1.04 0.00	50.73 1.04 -0.37	44.99 0.80 0.00	39.75 0.63 0.00
CAITHNESS_CC_1 323624	45.72 3.11 -0.01	40.96 3.14 -0.01	34.79 2.34 0.00	33.84 2.04 0.00	33.34 1.95 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.71 1.68 0.00	32.19 2.13 0.00	32.05 2.48 0.00	33.03 2.78 -0.01	41.89 2.87 -6.72	42.88 3.20 -4.09	43.41 3.57 -0.62	45.35 3.38 -0.70	49.37 3.45 -0.51	54.67 3.44 0.08	62.45 4.03 0.00	63.49 3.14 0.00	60.89 2.70 0.52	55.76 1.59 0.49	50.22 1.23 0.34	45.38 1.19 0.00	42.21 2.97 -0.11
CALPINE BETH_PAGE_GT4 24209	45.97 3.37 0.00	41.03 3.21 0.00	34.98 2.53 0.00	34.12 2.32 0.00	33.49 2.10 0.00	33.50 1.96 0.00	33.58 1.87 0.00	32.04 2.01 0.00	32.13 2.25 0.00	32.13 2.57 0.00	33.03 2.78 0.00	41.98 2.97 -6.72	43.09 3.27 -4.23	43.60 3.69 -0.70	45.69 3.71 -0.71	49.89 3.72 -0.76	55.56 3.75 -0.50	62.80 4.38 0.00	63.98 3.62 0.00	61.92 3.17 -0.04	56.96 2.30 0.00	51.10 1.78 0.00	46.09 1.90 0.00	42.32 3.09 -0.10
CALPINE_BETH_PAGE_GT_4 323586	45.94 3.33 -0.01	41.03 3.21 -0.01	34.99 2.53 0.00	34.03 2.23 0.00	33.49 2.10 0.00	33.47 1.92 0.00	33.58 1.87 0.00	31.89 1.86 0.00	32.31 2.26 0.00	32.13 2.57 0.00	33.03 2.78 -0.01	41.98 2.97 -6.72	43.09 3.27 -4.23	43.60 3.69 -0.70	45.71 3.72 -0.72	49.89 3.72 -0.76	55.62 3.80 -0.50	62.74 4.32 0.00	63.98 3.62 0.00	61.92 3.17 -0.04	56.86 2.19 0.00	51.10 1.77 0.00	46.05 1.86 0.00	42.33 3.09 -0.11
CALPINE_BP_GT1 23823	45.94 3.33 -0.01	41.03 3.21 -0.01	34.99 2.53 0.00	34.03 2.23 0.00	33.49 2.10 0.00	33.47 1.92 0.00	33.58 1.87 0.00	31.89 1.86 0.00	32.31 2.26 0.00	32.13 2.57 0.00	33.03 2.78 -0.01	41.98 2.97 -6.72	43.09 3.27 -4.23	43.60 3.69 -0.70	45.71 3.72 -0.72	49.89 3.72 -0.76	55.62 3.80 -0.50	62.74 4.32 0.00	63.98 3.62 0.00	61.92 3.17 -0.04	56.86 2.19 0.00	51.10 1.77 0.00	46.05 1.86 0.00	42.33 3.09 -0.11
CALSPAN___DRP 24200	42.65 0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.09 0.29 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.61 -0.10 0.00	29.85 -0.18 0.00	30.12 0.06 0.00	29.74 0.18 0.00	30.64 0.39 0.00	32.55 0.26 0.00	36.54 0.96 0.00	40.47 1.25 0.00	42.30 1.03 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.76 1.34 0.00	62.22 1.87 0.00	60.12 1.41 0.00	55.43 0.77 0.00	50.60 1.28 0.00	44.72 0.53 0.00	39.48 0.35 0.00

CALVERTON___SOLAR 323806	45.85 3.24 -0.01	41.03 3.21 -0.01	34.85 2.40 0.00	33.87 2.07 0.00	33.40 2.01 0.00	33.31 1.77 0.00	33.39 1.68 0.00	31.74 1.71 0.00	32.22 2.17 0.00	32.10 2.54 0.00	33.09 2.84 -0.01	41.98 2.97 -6.72	43.06 3.38 -4.09	43.60 3.77 -0.62	45.60 3.63 -0.70	49.64 3.72 -0.51	54.96 3.74 0.10	62.86 4.44 0.00	63.86 3.50 0.00	61.22 3.05 0.53	56.02 1.86 0.50	50.45 1.48 0.35	45.56 1.37 0.00	42.33 3.09 -0.11
CANDIGU_WT_PWR 323617	42.82 0.21 0.00	39.06 1.25 0.00	33.46 1.01 0.00	32.28 0.48 0.00	31.92 0.53 0.00	32.14 0.60 0.00	31.74 0.03 0.00	29.94 -0.09 0.00	29.91 -0.15 0.00	29.44 -0.12 0.00	30.33 0.09 0.00	32.29 0.00 0.00	36.04 0.46 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.72 0.32 0.00	51.83 0.51 0.00	59.35 0.93 0.00	61.98 1.63 0.00	60.23 1.52 0.00	55.93 1.26 0.00	50.75 1.43 0.00	45.03 0.84 0.00	39.71 0.59 0.00
CARR STREET_E_SYR 24060	42.09 -0.51 0.00	37.66 -0.15 0.00	32.29 -0.16 0.00	31.54 -0.26 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.30 -0.41 0.00	29.64 -0.39 0.00	29.67 -0.39 0.00	29.15 -0.41 0.00	29.91 -0.33 0.00	31.94 -0.35 0.00	35.29 -0.29 0.00	38.90 -0.32 0.00	40.89 -0.37 0.00	44.91 -0.50 0.00	50.85 -0.46 0.00	58.07 -0.35 0.00	60.17 -0.18 0.00	58.59 -0.12 0.00	54.40 -0.27 0.00	49.17 -0.15 0.00	43.93 -0.26 0.00	38.81 -0.31 0.00
CARTHAGE___PAPER 23857	44.13 0.85 -0.68	38.79 0.34 -0.64	32.83 0.23 -0.14	31.99 0.19 0.00	31.74 0.35 0.00	32.07 0.47 -0.05	32.18 0.41 -0.05	30.33 0.30 0.00	30.33 0.27 0.00	29.65 0.09 0.00	30.21 -0.03 0.00	32.03 -0.26 0.00	35.12 -0.46 0.00	38.63 -0.59 0.00	40.81 -0.45 0.00	44.86 -0.54 0.00	50.96 -0.36 0.00	58.13 -0.29 0.00	60.96 0.60 0.00	59.82 1.11 0.00	55.87 1.20 0.00	51.73 1.23 -1.17	45.12 0.93 0.00	39.87 0.74 0.00
CASSADAGA_WT_PWR 323784	43.46 0.85 0.00	40.12 2.31 0.00	34.37 1.91 0.00	32.88 1.08 0.00	32.55 1.16 0.00	32.84 1.29 0.00	32.31 0.60 0.00	30.69 0.66 0.00	30.99 0.93 0.00	30.60 1.03 0.00	31.61 1.36 0.00	33.52 1.23 0.00	37.57 1.99 0.00	41.61 2.39 0.00	43.49 2.23 0.00	47.40 2.00 0.00	53.83 2.51 0.00	61.69 3.27 0.00	64.22 3.87 0.00	61.87 3.17 0.00	57.07 2.40 0.00	51.98 2.66 0.00	45.87 1.68 0.00	40.38 1.25 0.00
CE_DUNWOOD___DRP 24194	44.73 2.13 0.00	39.89 2.08 0.00	34.24 1.78 0.00	33.49 1.69 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.14 1.43 0.00	31.50 1.47 0.00	31.71 1.65 0.00	31.36 1.80 0.00	32.21 1.97 0.00	34.42 2.10 -0.03	38.18 2.31 -0.29	42.43 2.63 -0.58	44.69 2.72 -0.70	49.24 3.09 -0.74	54.90 3.13 -0.46	61.81 3.39 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.02 2.35 0.00	51.15 1.82 0.00	46.14 1.94 0.00	41.19 1.96 -0.10
CE_MILLWOOD___DRP 24193	44.65 2.04 0.00	39.82 2.00 0.00	34.14 1.69 0.00	33.42 1.62 0.00	32.90 1.51 0.00	33.06 1.51 0.00	33.07 1.36 0.00	31.44 1.41 0.00	31.62 1.56 0.00	31.28 1.71 0.00	32.12 1.88 0.00	34.32 2.00 -0.03	38.07 2.21 -0.29	42.31 2.51 -0.58	44.56 2.60 -0.70	49.05 2.91 -0.74	54.75 2.98 -0.46	61.63 3.21 0.00	63.13 2.78 0.00	61.17 2.47 0.00	56.85 2.19 0.00	51.05 1.73 0.00	46.05 1.86 0.00	41.07 1.84 -0.10
CE_NYC2_DRP 24202	45.33 2.73 0.00	40.38 2.57 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.04 1.98 0.00	31.81 2.25 0.00	32.57 2.33 0.00	34.94 2.62 -0.03	38.72 2.85 -0.29	43.02 3.22 -0.59	45.35 3.38 -0.70	49.92 3.77 -0.75	55.42 3.64 -0.46	61.69 3.27 0.00	63.13 2.78 0.00	61.11 2.41 0.00	57.13 2.46 0.00	51.44 2.12 0.00	46.71 2.52 0.00	41.69 2.46 -0.10
CE_NYC_DRP 24195	45.16 2.56 0.00	40.23 2.42 0.00	34.50 2.04 0.00	33.71 1.91 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.72 2.16 0.00	32.51 2.27 0.00	34.81 2.49 -0.03	38.61 2.74 -0.29	42.90 3.10 -0.59	45.23 3.26 -0.70	49.83 3.68 -0.75	55.47 3.69 -0.46	62.33 3.91 0.00	63.73 3.38 0.00	61.76 3.05 0.00	57.46 2.79 0.00	51.54 2.22 0.00	46.53 2.34 0.00	41.54 2.31 -0.10
CHAFFEE___LFGE 323603	42.69 0.09 0.00	39.40 1.59 0.00	33.75 1.30 0.00	32.28 0.48 0.00	31.96 0.57 0.00	32.20 0.66 0.00	31.65 -0.06 0.00	29.94 -0.09 0.00	30.18 0.12 0.00	29.80 0.24 0.00	30.70 0.45 0.00	32.61 0.32 0.00	36.61 1.03 0.00	40.55 1.33 0.00	42.38 1.11 0.00	46.13 0.72 0.00	52.39 1.08 0.00	60.05 1.63 0.00	62.46 2.11 0.00	60.29 1.59 0.00	55.65 0.99 0.00	50.70 1.38 0.00	44.76 0.57 0.00	39.52 0.39 0.00
CHATEAUG_35_KV_LOAD 355732	42.82 0.21 0.00	37.55 -0.26 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.84 0.13 0.00	30.18 0.15 0.00	30.12 0.06 0.00	29.50 -0.06 0.00	30.06 -0.18 0.00	32.16 -0.13 0.00	35.37 -0.21 0.00	38.90 -0.31 0.00	41.02 -0.25 0.00	45.22 -0.18 0.00	51.16 -0.15 0.00	58.24 -0.18 0.00	60.35 0.00 0.00	58.94 0.23 0.00	55.05 0.38 0.00	49.62 0.30 0.00	44.41 0.22 0.00	39.32 0.20 0.00
CHATEAUG_WT_PWR 323614	42.73 0.13 0.00	37.51 -0.30 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.80 0.10 0.00	30.18 0.15 0.00	30.12 0.06 0.00	29.50 -0.06 0.00	30.09 -0.15 0.00	32.19 -0.10 0.00	35.40 -0.18 0.00	38.94 -0.27 0.00	41.06 -0.21 0.00	45.27 -0.14 0.00	51.21 -0.10 0.00	58.19 -0.23 0.00	60.29 -0.06 0.00	58.88 0.18 0.00	55.00 0.33 0.00	49.57 0.25 0.00	44.37 0.18 0.00	39.32 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	42.82 0.21 0.00	37.55 -0.26 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.84 0.13 0.00	30.18 0.15 0.00	30.12 0.06 0.00	29.50 -0.06 0.00	30.06 -0.18 0.00	32.16 -0.13 0.00	35.37 -0.21 0.00	38.90 -0.31 0.00	41.02 -0.25 0.00	45.22 -0.18 0.00	51.16 -0.15 0.00	58.24 -0.18 0.00	60.35 0.00 0.00	58.94 0.23 0.00	55.05 0.38 0.00	49.62 0.30 0.00	44.41 0.22 0.00	39.32 0.20 0.00
CHAUTAUQUA___LFGE 323629	43.20 0.60 0.00	39.89 2.08 0.00	34.17 1.72 0.00	32.69 0.89 0.00	32.37 0.97 0.00	32.61 1.07 0.00	32.09 0.38 0.00	30.42 0.39 0.00	30.69 0.63 0.00	30.30 0.74 0.00	31.27 1.03 0.00	33.19 0.90 0.00	37.25 1.67 0.00	41.21 2.00 0.00	43.08 1.81 0.00	46.95 1.54 0.00	53.31 2.00 0.00	61.11 2.69 0.00	63.61 3.26 0.00	61.29 2.58 0.00	56.58 1.91 0.00	51.54 2.22 0.00	45.47 1.28 0.00	40.06 0.94 0.00
CHERRYST_13_KV_LD 356241	45.29 2.68 0.00	40.38 2.57 0.00	34.63 2.17 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.43 1.89 0.00	33.52 1.81 0.00	31.89 1.86 0.00	32.13 2.07 0.00	31.84 2.28 0.00	32.66 2.42 0.00	34.97 2.65 -0.03	38.75 2.88 -0.29	43.10 3.29 -0.59	45.43 3.47 -0.70	50.05 3.90 -0.75	55.73 3.95 -0.46	62.63 4.21 0.00	63.97 3.62 0.00	61.94 3.23 0.00	57.67 3.01 0.00	51.69 2.37 0.00	46.67 2.47 0.00	41.66 2.43 -0.10

CHESTROR_138KV_BK263 355645	44.18 1.58 0.00	39.40 1.59 0.00	33.82 1.36 0.00	33.10 1.30 0.00	32.62 1.22 0.00	32.77 1.23 0.00	32.79 1.08 0.00	31.11 1.08 0.00	31.23 1.17 0.00	30.86 1.30 0.00	31.66 1.42 0.00	33.83 1.52 -0.03	37.50 1.67 -0.25	41.64 1.92 -0.50	43.85 1.98 -0.60	48.31 2.27 -0.64	54.07 2.36 -0.39	60.99 2.57 0.00	62.59 2.23 0.00	60.64 1.94 0.00	56.42 1.75 0.00	50.65 1.33 0.00	45.65 1.46 0.00	40.66 1.45 -0.09
CH_MIDHUDSON___DRP 24192	44.44 1.83 0.00	39.63 1.81 0.00	34.01 1.56 0.00	33.29 1.49 0.00	32.80 1.41 0.00	32.96 1.42 0.00	32.98 1.27 0.00	31.29 1.26 0.00	31.41 1.35 0.00	31.01 1.45 0.00	31.79 1.54 0.00	33.96 1.65 -0.02	37.57 1.78 -0.21	41.72 2.08 -0.42	43.96 2.19 -0.51	48.44 2.50 -0.54	54.32 2.67 -0.33	61.34 2.92 0.00	62.89 2.53 0.00	61.00 2.29 0.00	56.69 2.02 0.00	50.95 1.63 0.00	45.92 1.72 0.00	40.84 1.64 -0.08
CH_MISC_IPPS 23765	44.69 2.09 0.00	39.85 2.04 0.00	34.17 1.72 0.00	33.42 1.62 0.00	32.93 1.54 0.00	33.12 1.58 0.00	33.10 1.39 0.00	31.38 1.35 0.00	31.53 1.47 0.00	31.13 1.57 0.00	31.91 1.66 0.00	34.09 1.77 -0.02	37.76 1.96 -0.23	41.95 2.27 -0.46	44.21 2.39 -0.56	48.76 2.77 -0.59	54.71 3.03 -0.36	61.69 3.27 0.00	63.31 2.96 0.00	61.41 2.70 0.00	57.02 2.35 0.00	51.30 1.97 0.00	46.18 1.99 0.00	41.12 1.92 -0.08
CH_RES_BVR_FALLS 23983	42.48 -0.13 0.00	37.55 -0.26 0.00	32.23 -0.23 0.00	31.61 -0.19 0.00	31.20 -0.19 0.00	31.35 -0.19 0.00	31.65 -0.06 0.00	30.00 -0.03 0.00	30.03 -0.03 0.00	29.47 -0.09 0.00	30.12 -0.12 0.00	32.16 -0.13 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.06 -0.21 0.00	45.22 -0.18 0.00	51.11 -0.20 0.00	58.13 -0.29 0.00	60.11 -0.24 0.00	58.53 -0.18 0.00	54.56 -0.11 0.00	49.17 -0.15 0.00	44.06 -0.13 0.00	39.05 -0.08 0.00
CH_RES_NIAGARA 23895	41.45 -1.15 0.00	38.46 0.64 0.00	32.91 0.45 0.00	31.77 -0.03 0.00	31.14 -0.25 0.00	31.35 -0.19 0.00	31.14 -0.57 0.00	29.01 -1.02 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.94 -0.33 0.00	44.41 -1.00 0.00	50.49 -0.82 0.00	57.66 -0.76 0.00	59.99 -0.36 0.00	58.06 -0.65 0.00	53.63 -1.04 0.00	49.03 -0.30 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
CH_RES_SYRACUSE 23985	43.12 -0.30 -0.81	38.62 0.04 -0.77	32.63 0.00 -0.17	31.71 -0.10 0.00	31.33 -0.06 0.00	31.51 -0.09 -0.07	31.49 -0.29 -0.07	29.79 -0.24 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.00 -0.24 0.00	32.07 -0.22 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.06 -0.26 0.00	58.30 -0.12 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.72 0.05 0.00	50.83 0.10 -1.41	44.15 -0.04 0.00	39.05 -0.08 0.00
CLINTON_WT_PWR 323605	42.73 0.13 0.00	37.51 -0.30 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.80 0.10 0.00	30.18 0.15 0.00	30.12 0.06 0.00	29.50 -0.06 0.00	30.09 -0.15 0.00	32.19 -0.10 0.00	35.40 -0.18 0.00	38.94 -0.27 0.00	41.06 -0.21 0.00	45.27 -0.14 0.00	51.21 -0.10 0.00	58.19 -0.23 0.00	60.29 -0.06 0.00	58.88 0.18 0.00	55.00 0.33 0.00	49.57 0.25 0.00	44.37 0.18 0.00	39.32 0.20 0.00
CLINTON___LFGE 323618	43.33 0.72 0.00	38.00 0.19 0.00	32.65 0.20 0.00	31.96 0.16 0.00	31.55 0.16 0.00	31.70 0.16 0.00	32.19 0.48 0.00	30.57 0.54 0.00	30.51 0.45 0.00	29.83 0.27 0.00	30.43 0.18 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.37 0.16 0.00	41.52 0.25 0.00	45.77 0.36 0.00	51.83 0.51 0.00	59.00 0.58 0.00	61.20 0.84 0.00	59.76 1.06 0.00	55.82 1.15 0.00	50.31 0.99 0.00	44.99 0.80 0.00	39.83 0.71 0.00
COBBLENY_34_KV_TB1 80064	42.65 0.04 0.00	39.40 1.59 0.00	33.75 1.30 0.00	32.09 0.29 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.65 -0.06 0.00	29.88 -0.15 0.00	30.18 0.12 0.00	29.80 0.24 0.00	30.70 0.45 0.00	32.61 0.32 0.00	36.61 1.03 0.00	40.55 1.33 0.00	42.38 1.11 0.00	46.09 0.68 0.00	52.50 1.18 0.00	59.94 1.52 0.00	62.41 2.05 0.00	60.23 1.53 0.00	55.60 0.93 0.00	50.70 1.38 0.00	44.77 0.57 0.00	39.52 0.39 0.00
COFFEEN___115KV_TB3 355620	44.59 1.15 -0.84	39.37 0.76 -0.80	33.19 0.55 -0.18	32.28 0.48 0.00	32.11 0.72 0.00	32.49 0.88 -0.07	32.44 0.67 -0.07	30.54 0.51 0.00	30.48 0.42 0.00	29.80 0.24 0.00	30.33 0.09 0.00	32.19 -0.10 0.00	35.30 -0.28 0.00	38.82 -0.39 0.00	41.02 -0.25 0.00	45.09 -0.32 0.00	51.26 -0.05 0.00	58.71 0.29 0.00	61.80 1.45 0.00	60.82 2.11 0.00	56.80 2.13 0.00	52.85 2.07 -1.46	45.78 1.59 0.00	40.38 1.25 0.00
COLDSPRG_115KV_BK1 355956	43.29 0.68 0.00	39.89 2.08 0.00	34.17 1.72 0.00	32.56 0.76 0.00	32.36 0.97 0.00	32.65 1.10 0.00	32.18 0.48 0.00	30.57 0.54 0.00	30.93 0.87 0.00	30.54 0.98 0.00	31.57 1.33 0.00	33.49 1.19 0.00	37.50 1.92 0.00	41.53 2.31 0.00	43.41 2.15 0.00	47.31 1.91 0.00	53.88 2.57 0.00	61.63 3.21 0.00	64.16 3.80 0.00	61.76 3.05 0.00	56.91 2.24 0.00	51.84 2.52 0.00	45.74 1.55 0.00	40.18 1.06 0.00
COLONIE_LFGE___ 323577	43.75 1.15 0.00	39.06 1.25 0.00	33.59 1.14 0.00	32.98 1.18 0.00	32.52 1.13 0.00	32.64 1.10 0.00	32.63 0.92 0.00	30.87 0.84 0.00	30.87 0.81 0.00	30.33 0.77 0.00	30.91 0.66 0.00	33.00 0.74 0.03	35.99 0.75 0.34	39.35 0.82 0.69	41.31 0.87 0.82	45.49 0.96 0.87	51.80 1.03 0.54	59.65 1.23 0.00	61.56 1.21 0.00	59.88 1.17 0.00	55.82 1.15 0.00	50.41 1.08 0.00	45.30 1.11 0.00	39.86 0.86 0.12
COOPERNY_115KV_TB1 80082	43.71 1.11 0.00	38.98 1.17 0.00	33.46 1.01 0.00	32.79 0.99 0.00	32.33 0.94 0.00	32.49 0.95 0.00	32.50 0.79 0.00	30.81 0.78 0.00	30.93 0.87 0.00	30.51 0.95 0.00	31.30 1.06 0.00	33.44 1.13 -0.02	37.00 1.25 -0.17	40.97 1.41 -0.34	43.16 1.49 -0.41	47.48 1.63 -0.44	53.33 1.74 -0.27	60.35 1.93 0.00	62.10 1.75 0.00	60.23 1.53 0.00	56.03 1.37 0.00	50.36 1.04 0.00	45.25 1.06 0.00	40.24 1.06 -0.06
COPENHAGEN_WT_PWR 323753	44.26 0.77 -0.88	39.11 0.46 -0.84	32.93 0.29 -0.19	32.02 0.22 0.00	31.83 0.44 0.00	32.18 0.57 -0.07	32.16 0.38 -0.07	30.30 0.27 0.00	30.27 0.21 0.00	29.59 0.03 0.00	30.15 -0.09 0.00	32.03 -0.26 0.00	35.16 -0.43 0.00	38.67 -0.55 0.00	40.85 -0.41 0.00	44.86 -0.54 0.00	51.01 -0.31 0.00	58.30 -0.12 0.00	61.20 0.84 0.00	60.11 1.41 0.00	56.09 1.42 0.00	52.24 1.38 -1.54	45.25 1.06 0.00	39.95 0.82 0.00
CORNELL_____ 23752	43.24 0.64 0.00	38.76 0.95 0.00	33.23 0.78 0.00	32.37 0.57 0.00	32.05 0.66 0.00	32.20 0.66 0.00	32.12 0.41 0.00	30.39 0.36 0.00	30.36 0.30 0.00	29.74 0.18 0.00	30.52 0.27 0.00	32.58 0.29 0.00	36.01 0.43 0.00	39.65 0.43 0.00	41.72 0.45 0.00	45.81 0.41 0.00	52.09 0.77 0.00	59.53 1.11 0.00	61.98 1.63 0.00	60.41 1.70 0.00	56.20 1.53 0.00	50.75 1.43 0.00	45.30 1.10 0.00	39.99 0.86 0.00

CORONA_69_KV_TB1 355595	45.88 3.28 0.00	40.91 3.10 0.00	34.89 2.43 0.00	34.09 2.29 0.00	33.46 2.07 0.00	33.47 1.92 0.00	33.55 1.84 0.00	31.98 1.95 0.00	32.25 2.19 0.00	32.04 2.48 0.00	32.90 2.66 0.00	41.82 2.81 -6.72	43.53 3.10 -4.86	43.80 3.53 -1.06	45.80 3.71 -0.82	50.05 3.90 -0.75	55.73 3.95 -0.46	62.98 4.56 0.00	64.28 3.92 0.00	62.23 3.52 0.00	57.29 2.62 0.00	51.49 2.17 0.00	46.27 2.08 0.00	42.24 3.01 -0.10
CORTLAND_115KV_TB3 80093	42.90 0.30 0.00	38.42 0.61 0.00	32.94 0.49 0.00	32.15 0.35 0.00	31.80 0.41 0.00	31.95 0.41 0.00	31.90 0.19 0.00	30.21 0.18 0.00	30.21 0.15 0.00	29.65 0.09 0.00	30.42 0.18 0.00	32.45 0.16 0.00	35.87 0.28 0.00	39.53 0.31 0.00	41.55 0.29 0.00	45.68 0.27 0.00	51.83 0.51 0.00	59.12 0.70 0.00	61.44 1.09 0.00	59.82 1.12 0.00	55.60 0.93 0.00	50.21 0.89 0.00	44.85 0.66 0.00	39.60 0.47 0.00
COXSACKIE___GT 23611	44.69 2.09 0.00	39.85 2.04 0.00	34.27 1.82 0.00	33.58 1.78 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.14 1.43 0.00	31.11 1.08 0.00	30.99 0.93 0.00	30.27 0.71 0.00	30.67 0.42 0.00	32.93 0.65 0.01	36.20 0.71 0.10	39.73 0.71 0.19	41.90 0.87 0.23	46.29 1.14 0.25	52.81 1.64 0.15	60.17 1.75 0.00	62.23 1.87 0.00	60.94 2.23 0.00	56.74 2.08 0.00	51.35 2.02 0.00	46.00 1.81 0.00	40.85 1.76 0.03
CPV_VALLEY___CC1 323721	43.84 1.24 0.00	39.14 1.32 0.00	33.59 1.14 0.00	32.85 1.05 0.00	32.40 1.00 0.00	32.55 1.01 0.00	32.57 0.86 0.00	30.90 0.87 0.00	31.05 0.99 0.00	30.66 1.09 0.00	31.48 1.24 0.00	33.64 1.32 -0.02	37.22 1.42 -0.22	41.31 1.65 -0.44	43.49 1.69 -0.53	47.88 1.91 -0.57	53.61 1.95 -0.35	60.52 2.10 0.00	62.10 1.75 0.00	60.17 1.47 0.00	55.98 1.31 0.00	50.31 0.99 0.00	45.30 1.11 0.00	40.38 1.17 -0.08
CPV_VALLEY___CC2 323722	43.84 1.24 0.00	39.14 1.32 0.00	33.59 1.14 0.00	32.85 1.05 0.00	32.40 1.00 0.00	32.55 1.01 0.00	32.57 0.86 0.00	30.90 0.87 0.00	31.05 0.99 0.00	30.66 1.09 0.00	31.48 1.24 0.00	33.64 1.32 -0.02	37.22 1.42 -0.22	41.31 1.65 -0.44	43.49 1.69 -0.53	47.88 1.91 -0.57	53.61 1.95 -0.35	60.52 2.10 0.00	62.10 1.75 0.00	60.17 1.47 0.00	55.98 1.31 0.00	50.31 0.99 0.00	45.30 1.11 0.00	40.38 1.17 -0.08
CRESCENT___HYD 24018	43.75 1.15 0.00	39.06 1.25 0.00	33.59 1.14 0.00	32.98 1.18 0.00	32.52 1.13 0.00	32.64 1.10 0.00	32.63 0.92 0.00	30.87 0.84 0.00	30.87 0.81 0.00	30.33 0.77 0.00	30.91 0.66 0.00	33.00 0.74 0.03	35.99 0.75 0.34	39.35 0.82 0.69	41.31 0.87 0.82	45.49 0.96 0.87	51.80 1.03 0.54	59.65 1.23 0.00	61.56 1.21 0.00	59.88 1.17 0.00	55.82 1.15 0.00	50.41 1.08 0.00	45.30 1.11 0.00	39.86 0.86 0.12
CRICKET___VALLEY_CC1 323756	43.84 1.24 0.00	39.14 1.32 0.00	33.59 1.14 0.00	32.91 1.11 0.00	32.46 1.07 0.00	32.58 1.04 0.00	32.60 0.89 0.00	30.93 0.90 0.00	31.08 1.02 0.00	30.62 1.06 0.00	31.39 1.15 0.00	33.12 1.20 0.37	33.31 1.32 3.59	33.47 1.53 7.27	34.11 1.57 8.72	37.91 1.77 9.26	47.39 1.80 5.72	60.23 1.81 0.00	61.80 1.45 0.00	60.00 1.29 0.00	55.82 1.15 0.00	50.21 0.89 0.00	45.25 1.06 0.00	38.85 1.02 1.29
CRICKET___VALLEY_CC2 323757	43.84 1.24 0.00	39.14 1.32 0.00	33.59 1.14 0.00	32.91 1.11 0.00	32.46 1.07 0.00	32.58 1.04 0.00	32.60 0.89 0.00	30.93 0.90 0.00	31.08 1.02 0.00	30.62 1.06 0.00	31.39 1.15 0.00	33.12 1.20 0.37	33.31 1.32 3.59	33.47 1.53 7.27	34.11 1.57 8.72	37.91 1.77 9.26	47.39 1.80 5.72	60.23 1.81 0.00	61.80 1.45 0.00	60.00 1.29 0.00	55.82 1.15 0.00	50.21 0.89 0.00	45.25 1.06 0.00	38.85 1.02 1.29
CRICKET___VALLEY_CC3 323758	43.84 1.24 0.00	39.14 1.32 0.00	33.59 1.14 0.00	32.91 1.11 0.00	32.46 1.07 0.00	32.58 1.04 0.00	32.60 0.89 0.00	30.93 0.90 0.00	31.08 1.02 0.00	30.62 1.06 0.00	31.39 1.15 0.00	33.12 1.20 0.37	33.31 1.32 3.59	33.47 1.53 7.27	34.11 1.57 8.72	37.91 1.77 9.26	47.39 1.80 5.72	60.23 1.81 0.00	61.80 1.45 0.00	60.00 1.29 0.00	55.82 1.15 0.00	50.21 0.89 0.00	45.25 1.06 0.00	38.85 1.02 1.29
CRUCIBLE_METL_DRP 24180	43.12 -0.30 -0.81	38.62 0.04 -0.77	32.63 0.00 -0.17	31.67 -0.13 0.00	31.33 -0.06 0.00	31.51 -0.09 -0.07	31.49 -0.29 -0.07	29.76 -0.27 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.00 -0.24 0.00	32.06 -0.23 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.11 -0.21 0.00	58.24 -0.18 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.72 0.05 0.00	50.83 0.10 -1.41	44.15 -0.04 0.00	39.05 -0.08 0.00
DAHOWA___HYDRO 323763	44.18 1.58 0.00	39.36 1.55 0.00	33.78 1.33 0.00	33.17 1.37 0.00	32.71 1.32 0.00	32.84 1.29 0.00	32.69 0.98 0.00	31.14 1.11 0.00	31.05 0.99 0.00	30.45 0.89 0.00	30.94 0.70 0.00	33.01 0.74 0.03	35.98 0.67 0.28	39.44 0.78 0.56	41.38 0.78 0.67	45.33 0.64 0.71	51.59 0.72 0.44	59.59 1.17 0.00	61.80 1.45 0.00	60.29 1.59 0.00	56.47 1.80 0.00	51.15 1.83 0.00	45.91 1.72 0.00	40.36 1.33 0.10
DANC___LFGE 323619	43.86 0.13 -1.13	38.96 0.08 -1.07	32.69 0.00 -0.24	31.71 -0.10 0.00	31.45 0.06 0.00	31.76 0.13 -0.09	31.77 -0.03 -0.09	29.94 -0.09 0.00	29.91 -0.15 0.00	29.32 -0.24 0.00	29.94 -0.30 0.00	31.84 -0.45 0.00	35.05 -0.53 0.00	38.59 -0.63 0.00	40.60 -0.66 0.00	44.59 -0.82 0.00	50.65 -0.67 0.00	57.84 -0.58 0.00	60.47 0.12 0.00	59.17 0.47 0.00	55.16 0.49 0.00	51.82 0.54 -1.96	44.54 0.35 0.00	39.36 0.24 0.00
DANSKAMMER___1 23586	44.69 2.09 0.00	39.85 2.04 0.00	34.17 1.72 0.00	33.42 1.62 0.00	32.93 1.54 0.00	33.12 1.58 0.00	33.10 1.39 0.00	31.38 1.35 0.00	31.53 1.47 0.00	31.13 1.57 0.00	31.91 1.66 0.00	34.09 1.77 -0.02	37.76 1.96 -0.23	41.95 2.27 -0.46	44.21 2.39 -0.56	48.76 2.77 -0.59	54.71 3.03 -0.36	61.69 3.27 0.00	63.31 2.96 0.00	61.41 2.70 0.00	57.02 2.35 0.00	51.30 1.97 0.00	46.18 1.99 0.00	41.12 1.92 -0.08
DANSKAMMER___2 23589	44.69 2.09 0.00	39.85 2.04 0.00	34.17 1.72 0.00	33.42 1.62 0.00	32.93 1.54 0.00	33.12 1.58 0.00	33.10 1.39 0.00	31.38 1.35 0.00	31.53 1.47 0.00	31.13 1.57 0.00	31.91 1.66 0.00	34.09 1.77 -0.02	37.76 1.96 -0.23	41.95 2.27 -0.46	44.21 2.39 -0.56	48.76 2.77 -0.59	54.71 3.03 -0.36	61.69 3.27 0.00	63.31 2.96 0.00	61.41 2.70 0.00	57.02 2.35 0.00	51.30 1.97 0.00	46.18 1.99 0.00	41.12 1.92 -0.08
DANSKAMMER___3 23590	44.69 2.09 0.00	39.85 2.04 0.00	34.17 1.72 0.00	33.42 1.62 0.00	32.93 1.54 0.00	33.12 1.58 0.00	33.10 1.39 0.00	31.38 1.35 0.00	31.53 1.47 0.00	31.13 1.57 0.00	31.91 1.66 0.00	34.09 1.77 -0.02	37.76 1.96 -0.23	41.95 2.27 -0.46	44.21 2.39 -0.56	48.76 2.77 -0.59	54.71 3.03 -0.36	61.69 3.27 0.00	63.31 2.96 0.00	61.41 2.70 0.00	57.02 2.35 0.00	51.30 1.97 0.00	46.18 1.99 0.00	41.12 1.92 -0.08

DANSKAMMER___4 23591	44.69 2.09 0.00	39.85 2.04 0.00	34.17 1.72 0.00	33.42 1.62 0.00	32.93 1.54 0.00	33.12 1.58 0.00	33.10 1.39 0.00	31.38 1.35 0.00	31.53 1.47 0.00	31.13 1.57 0.00	31.91 1.66 0.00	34.09 1.77 -0.02	37.76 1.96 -0.23	41.95 2.27 -0.46	44.21 2.39 -0.56	48.76 2.77 -0.59	54.71 3.03 -0.36	61.69 3.27 0.00	63.31 2.96 0.00	61.41 2.70 0.00	57.02 2.35 0.00	51.30 1.97 0.00	46.18 1.99 0.00	41.12 1.92 -0.08
DANSKAMMER___DIESEL 23592	44.69 2.09 0.00	39.85 2.04 0.00	34.17 1.72 0.00	33.45 1.65 0.00	32.93 1.54 0.00	33.12 1.58 0.00	33.10 1.40 0.00	31.38 1.35 0.00	31.53 1.47 0.00	31.13 1.57 0.00	31.91 1.66 0.00	34.09 1.78 -0.02	37.77 1.96 -0.23	41.95 2.27 -0.46	44.21 2.39 -0.56	48.76 2.77 -0.59	54.71 3.03 -0.36	61.75 3.33 0.00	63.31 2.96 0.00	61.41 2.70 0.00	57.07 2.41 0.00	51.29 1.97 0.00	46.18 1.99 0.00	41.13 1.92 -0.08
DARBY___SOLAR 323810	44.09 1.49 0.00	39.29 1.47 0.00	33.72 1.26 0.00	33.10 1.30 0.00	32.65 1.26 0.00	32.77 1.23 0.00	32.66 0.95 0.00	31.05 1.02 0.00	30.99 0.93 0.00	30.39 0.83 0.00	30.88 0.64 0.00	32.94 0.68 0.03	35.93 0.64 0.29	39.34 0.71 0.58	41.31 0.74 0.70	45.30 0.64 0.74	51.58 0.72 0.46	59.59 1.17 0.00	61.74 1.39 0.00	60.23 1.52 0.00	56.36 1.70 0.00	51.00 1.68 0.00	45.78 1.59 0.00	40.24 1.21 0.10
DASHVILLE___HYD 23610	44.22 1.62 0.00	39.44 1.63 0.00	33.82 1.36 0.00	33.14 1.34 0.00	32.62 1.22 0.00	32.77 1.23 0.00	32.79 1.08 0.00	31.05 1.02 0.00	31.17 1.11 0.00	30.74 1.18 0.00	31.54 1.30 0.00	33.82 1.52 -0.01	37.50 1.78 -0.14	41.58 2.08 -0.28	43.79 2.19 -0.34	48.35 2.59 -0.36	54.31 2.77 -0.22	60.99 2.57 0.00	62.53 2.17 0.00	60.70 2.00 0.00	56.42 1.75 0.00	50.70 1.38 0.00	45.65 1.46 0.00	40.90 1.72 -0.05
DELAWARE___LFGE 323621	43.67 1.07 0.00	38.98 1.17 0.00	33.46 1.01 0.00	32.85 1.05 0.00	32.46 1.07 0.00	32.65 1.10 0.00	32.60 0.89 0.00	30.81 0.78 0.00	30.81 0.75 0.00	30.30 0.74 0.00	31.06 0.82 0.00	33.16 0.87 0.00	36.54 0.96 0.00	40.31 1.10 0.00	42.38 1.11 0.00	46.63 1.23 0.00	52.80 1.49 0.00	60.11 1.69 0.00	62.16 1.81 0.00	60.41 1.70 0.00	56.31 1.64 0.00	50.70 1.38 0.00	45.43 1.24 0.00	40.22 1.10 0.00
DERFIELD_115KV_TB7 355931	42.73 0.13 0.00	38.00 0.19 0.00	32.62 0.16 0.00	31.99 0.19 0.00	31.58 0.19 0.00	31.73 0.19 0.00	31.84 0.13 0.00	30.12 0.09 0.00	30.15 0.09 0.00	29.65 0.09 0.00	30.33 0.09 0.00	32.39 0.10 0.00	35.65 0.07 0.00	39.29 0.08 0.00	41.35 0.08 0.00	45.50 0.09 0.00	51.42 0.10 0.00	58.59 0.18 0.00	60.53 0.18 0.00	58.82 0.12 0.00	54.83 0.16 0.00	49.42 0.10 0.00	44.32 0.13 0.00	39.24 0.12 0.00
DOGLEVILLE___HYD 23807	42.56 -0.04 0.00	37.85 0.04 0.00	32.45 0.00 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.64 0.09 0.00	31.71 0.00 0.00	30.03 0.00 0.00	30.03 -0.03 0.00	29.47 -0.09 0.00	30.06 -0.18 0.00	32.10 -0.19 0.00	35.22 -0.36 0.00	38.82 -0.39 0.00	40.85 -0.41 0.00	44.95 -0.45 0.00	50.85 -0.46 0.00	57.95 -0.47 0.00	60.05 -0.30 0.00	58.47 -0.23 0.00	54.50 -0.16 0.00	49.32 0.00 0.00	44.28 0.09 0.00	39.20 0.08 0.00
DUNKIRK__115KV_TB_200 55889	43.12 0.51 0.00	39.82 2.00 0.00	34.11 1.66 0.00	32.47 0.67 0.00	32.30 0.91 0.00	32.55 1.01 0.00	32.06 0.35 0.00	30.33 0.30 0.00	30.63 0.57 0.00	30.24 0.68 0.00	31.21 0.97 0.00	33.13 0.84 0.00	37.18 1.60 0.00	41.14 1.92 0.00	43.04 1.77 0.00	46.86 1.45 0.00	53.32 2.00 0.00	60.93 2.51 0.00	63.43 3.08 0.00	61.17 2.47 0.00	56.42 1.75 0.00	51.44 2.12 0.00	45.38 1.19 0.00	39.99 0.86 0.00
DUNKIRK___1 23563	43.12 0.51 0.00	39.82 2.00 0.00	34.11 1.66 0.00	32.47 0.67 0.00	32.30 0.91 0.00	32.55 1.01 0.00	32.06 0.35 0.00	30.33 0.30 0.00	30.63 0.57 0.00	30.24 0.68 0.00	31.21 0.97 0.00	33.13 0.84 0.00	37.18 1.60 0.00	41.14 1.92 0.00	43.04 1.77 0.00	46.86 1.45 0.00	53.32 2.00 0.00	60.93 2.51 0.00	63.43 3.08 0.00	61.17 2.47 0.00	56.42 1.75 0.00	51.44 2.12 0.00	45.38 1.19 0.00	39.99 0.86 0.00
DUNKIRK___2 23564	43.12 0.51 0.00	39.82 2.00 0.00	34.11 1.66 0.00	32.47 0.67 0.00	32.30 0.91 0.00	32.55 1.01 0.00	32.06 0.35 0.00	30.33 0.30 0.00	30.63 0.57 0.00	30.24 0.68 0.00	31.21 0.97 0.00	33.13 0.84 0.00	37.18 1.60 0.00	41.14 1.92 0.00	43.04 1.77 0.00	46.86 1.45 0.00	53.32 2.00 0.00	60.93 2.51 0.00	63.43 3.08 0.00	61.17 2.47 0.00	56.42 1.75 0.00	51.44 2.12 0.00	45.38 1.19 0.00	39.99 0.86 0.00
DUNKIRK___3 23565	42.86 0.26 0.00	39.59 1.78 0.00	33.88 1.43 0.00	32.28 0.48 0.00	32.11 0.72 0.00	32.33 0.79 0.00	31.84 0.13 0.00	30.09 0.06 0.00	30.39 0.33 0.00	30.01 0.44 0.00	30.97 0.73 0.00	32.87 0.58 0.00	36.90 1.32 0.00	40.82 1.61 0.00	42.67 1.40 0.00	46.45 1.04 0.00	52.85 1.54 0.00	60.41 1.99 0.00	62.89 2.53 0.00	60.64 1.94 0.00	55.98 1.31 0.00	51.00 1.68 0.00	45.03 0.84 0.00	39.75 0.63 0.00
DUNKIRK___4 23566	42.86 0.26 0.00	39.59 1.78 0.00	33.88 1.43 0.00	32.28 0.48 0.00	32.11 0.72 0.00	32.33 0.79 0.00	31.84 0.13 0.00	30.09 0.06 0.00	30.39 0.33 0.00	30.01 0.44 0.00	30.97 0.73 0.00	32.87 0.58 0.00	36.90 1.32 0.00	40.82 1.61 0.00	42.67 1.40 0.00	46.45 1.04 0.00	52.85 1.54 0.00	60.41 1.99 0.00	62.89 2.53 0.00	60.64 1.94 0.00	55.98 1.31 0.00	51.00 1.68 0.00	45.03 0.84 0.00	39.75 0.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.90 2.30 0.00	40.04 2.23 0.00	34.34 1.88 0.00	33.58 1.78 0.00	33.02 1.63 0.00	33.18 1.64 0.00	33.23 1.52 0.00	31.59 1.56 0.00	31.80 1.74 0.00	31.48 1.92 0.00	32.33 2.09 0.00	34.55 2.23 -0.03	38.32 2.46 -0.29	42.59 2.78 -0.59	44.86 2.89 -0.70	49.42 3.27 -0.75	55.11 3.34 -0.46	61.98 3.56 0.00	63.49 3.14 0.00	61.47 2.76 0.00	57.18 2.51 0.00	51.29 1.97 0.00	46.27 2.08 0.00	41.30 2.07 -0.10
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.44 1.83 0.00	39.63 1.81 0.00	33.98 1.53 0.00	33.26 1.46 0.00	32.74 1.35 0.00	32.93 1.39 0.00	32.91 1.20 0.00	31.23 1.20 0.00	31.38 1.32 0.00	30.98 1.42 0.00	31.79 1.54 0.00	33.96 1.65 -0.02	37.62 1.81 -0.23	41.80 2.12 -0.46	44.01 2.19 -0.55	48.54 2.54 -0.59	54.40 2.72 -0.36	61.34 2.92 0.00	62.95 2.60 0.00	61.00 2.29 0.00	56.69 2.02 0.00	50.95 1.63 0.00	45.87 1.68 0.00	40.89 1.68 -0.08
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.42 2.81 0.00	40.50 2.68 0.00	34.72 2.27 0.00	33.93 2.13 0.00	33.40 2.01 0.00	33.56 2.02 0.00	33.48 1.78 0.00	31.83 1.80 0.00	32.01 1.95 0.00	31.81 2.25 0.00	32.51 2.27 0.00	34.94 2.62 -0.03	38.75 2.88 -0.29	42.98 3.18 -0.59	45.27 3.30 -0.70	49.83 3.68 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.19 2.84 0.00	61.17 2.47 0.00	57.07 2.41 0.00	51.49 2.17 0.00	46.75 2.56 0.00	41.77 2.54 -0.10

E179THST_13_KV_LOAD 356214	45.67 3.07 0.00	40.76 2.95 0.00	34.92 2.47 0.00	34.09 2.29 0.00	33.56 2.17 0.00	33.72 2.18 0.00	33.68 1.97 0.00	31.98 1.95 0.00	32.16 2.10 0.00	31.96 2.39 0.00	32.69 2.45 0.00	35.13 2.81 -0.03	38.96 3.10 -0.29	43.21 3.41 -0.59	45.52 3.55 -0.70	50.10 3.95 -0.75	55.68 3.90 -0.46	62.04 3.62 0.00	63.61 3.26 0.00	61.58 2.88 0.00	57.46 2.79 0.00	51.79 2.47 0.00	47.06 2.87 0.00	42.01 2.78 -0.10
EAST HAMPTON___GT 23717	47.13 4.51 -0.01	42.02 4.20 -0.01	35.60 3.15 0.00	34.63 2.83 0.00	34.15 2.76 0.00	34.07 2.52 0.00	34.06 2.35 0.00	32.40 2.37 0.00	33.15 3.10 0.00	33.17 3.61 0.00	34.45 4.20 -0.01	43.53 4.52 -6.72	44.94 5.26 -4.09	45.68 5.84 -0.62	47.79 5.82 -0.70	52.08 6.17 -0.51	57.42 6.21 0.10	65.90 7.48 0.00	65.85 5.49 0.00	62.98 4.81 0.54	57.49 3.34 0.51	51.88 2.91 0.35	46.49 2.30 0.00	43.27 4.03 -0.11
EAST RIVER___6 23660	45.12 2.51 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.64 1.84 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.69 2.13 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.57 2.70 -0.29	42.90 3.10 -0.59	45.23 3.26 -0.70	49.83 3.68 -0.75	55.47 3.70 -0.46	62.27 3.85 0.00	63.67 3.32 0.00	61.64 2.93 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
EAST RIVER___7 23524	45.12 2.51 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.64 1.84 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.69 2.13 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.57 2.70 -0.29	42.90 3.10 -0.59	45.23 3.26 -0.70	49.83 3.68 -0.75	55.47 3.70 -0.46	62.27 3.85 0.00	63.67 3.32 0.00	61.64 2.93 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.73 2.13 0.00	39.89 2.08 0.00	34.24 1.78 0.00	33.49 1.69 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.14 1.43 0.00	31.50 1.47 0.00	31.71 1.65 0.00	31.36 1.80 0.00	32.21 1.97 0.00	34.42 2.10 -0.03	38.18 2.31 -0.29	42.43 2.63 -0.58	44.69 2.72 -0.70	49.24 3.09 -0.74	54.90 3.13 -0.46	61.81 3.39 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.02 2.35 0.00	51.15 1.82 0.00	46.14 1.94 0.00	41.19 1.96 -0.10
EAST_HAMPTON___DIESEL 23722	47.08 4.47 -0.01	41.98 4.16 -0.01	35.57 3.12 0.00	34.60 2.80 0.00	34.15 2.76 0.00	34.03 2.49 0.00	34.02 2.31 0.00	32.40 2.37 0.00	33.12 3.07 0.00	33.17 3.61 0.00	34.45 4.20 -0.01	43.57 4.55 -6.72	44.98 5.30 -4.09	45.72 5.88 -0.62	47.79 5.82 -0.70	52.08 6.17 -0.51	57.42 6.21 0.10	65.84 7.42 0.00	65.73 5.37 0.00	62.87 4.70 0.54	57.38 3.22 0.51	51.83 2.86 0.35	46.44 2.25 0.00	43.23 3.99 -0.11
EAST_POINT___SOLAR 323840	45.67 3.07 0.00	40.65 2.84 0.00	34.82 2.37 0.00	34.19 2.39 0.00	33.75 2.36 0.00	33.91 2.37 0.00	33.10 1.39 0.00	30.24 0.21 0.00	29.88 -0.18 0.00	29.27 -0.30 0.00	29.94 -0.30 0.00	31.72 -0.55 0.02	34.71 -0.71 0.16	38.14 -0.75 0.33	39.92 -0.95 0.40	44.17 -0.82 0.42	50.34 -0.72 0.26	58.24 -0.17 0.00	61.14 0.78 0.00	61.70 2.99 0.00	58.82 4.15 0.00	53.51 4.19 0.00	47.82 3.62 0.00	41.96 2.90 0.06
EAST_PULASKI___ESR 323781	43.87 -0.43 -1.69	39.16 -0.26 -1.61	32.56 -0.26 -0.36	31.45 -0.35 0.00	31.14 -0.25 0.00	31.46 -0.22 -0.14	31.43 -0.41 -0.14	29.61 -0.42 0.00	29.61 -0.45 0.00	29.06 -0.50 0.00	29.76 -0.49 0.00	31.71 -0.58 0.00	34.98 -0.61 0.00	38.51 -0.70 0.00	40.48 -0.79 0.00	44.45 -0.96 0.00	50.39 -0.92 0.00	57.54 -0.87 0.00	59.87 -0.48 0.00	58.47 -0.23 0.00	54.40 -0.27 0.00	52.07 -0.20 -2.94	43.93 -0.26 0.00	38.85 -0.27 0.00
EAST_RIVER___1 323558	45.16 2.56 0.00	40.23 2.42 0.00	34.50 2.05 0.00	33.68 1.88 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.74 1.71 0.00	32.01 1.95 0.00	31.72 2.16 0.00	32.51 2.27 0.00	34.81 2.49 -0.03	38.61 2.74 -0.29	42.90 3.10 -0.59	45.23 3.26 -0.70	49.83 3.68 -0.75	55.52 3.74 -0.46	62.27 3.85 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.40 2.73 0.00	51.54 2.22 0.00	46.53 2.34 0.00	41.54 2.31 -0.10
EAST_RIVER___2 323559	45.12 2.51 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.64 1.84 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.69 2.13 0.00	32.48 2.24 0.00	34.77 2.45 -0.03	38.57 2.70 -0.29	42.90 3.10 -0.59	45.23 3.26 -0.70	49.83 3.68 -0.75	55.47 3.70 -0.46	62.27 3.85 0.00	63.67 3.32 0.00	61.64 2.93 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
EAST___DELAWARE_HYD 23607	44.14 1.53 0.00	39.33 1.51 0.00	33.72 1.26 0.00	32.94 1.14 0.00	32.49 1.10 0.00	32.68 1.13 0.00	32.66 0.95 0.00	30.96 0.93 0.00	31.08 1.02 0.00	30.62 1.06 0.00	31.42 1.18 0.00	33.57 1.26 -0.02	37.15 1.39 -0.18	41.23 1.65 -0.37	43.48 1.77 -0.44	47.96 2.09 -0.47	54.02 2.41 -0.29	61.05 2.63 0.00	62.83 2.48 0.00	60.99 2.29 0.00	56.58 1.91 0.00	50.85 1.53 0.00	45.74 1.55 0.00	40.72 1.52 -0.07
EIGHT_POINT___WT_PWR 323820	43.24 0.64 0.00	39.47 1.66 0.00	33.78 1.33 0.00	32.56 0.76 0.00	32.21 0.81 0.00	32.46 0.92 0.00	32.06 0.35 0.00	30.24 0.21 0.00	30.18 0.12 0.00	29.65 0.09 0.00	30.55 0.30 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.23 1.02 0.00	42.17 0.91 0.00	46.09 0.68 0.00	52.34 1.03 0.00	60.00 1.58 0.00	62.83 2.48 0.00	61.17 2.47 0.00	56.80 2.13 0.00	51.59 2.27 0.00	45.78 1.59 0.00	40.30 1.17 0.00
ELBRIDGE_115KV_TB2 80188	42.96 -0.47 -0.82	38.52 -0.08 -0.78	32.53 -0.10 -0.18	31.58 -0.22 0.00	31.20 -0.19 0.00	31.42 -0.19 -0.07	31.36 -0.41 -0.07	29.64 -0.39 0.00	29.67 -0.39 0.00	29.15 -0.41 0.00	29.91 -0.33 0.00	31.94 -0.36 0.00	35.30 -0.28 0.00	38.90 -0.31 0.00	40.89 -0.37 0.00	44.91 -0.50 0.00	50.90 -0.41 0.00	58.07 -0.35 0.00	60.23 -0.12 0.00	58.65 -0.06 0.00	54.50 -0.16 0.00	50.66 -0.10 -1.43	43.97 -0.22 0.00	38.89 -0.23 0.00
ELEC_TRO_TEK 24086	45.54 2.94 0.00	40.65 2.84 0.00	34.69 2.24 0.00	33.87 2.07 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.83 1.80 0.00	32.07 2.01 0.00	31.87 2.31 0.00	32.72 2.48 0.00	41.63 2.62 -6.72	42.85 2.85 -4.43	43.28 3.25 -0.81	45.40 3.38 -0.75	49.65 3.50 -0.75	55.32 3.54 -0.46	62.45 4.03 0.00	63.67 3.32 0.00	61.64 2.94 0.00	56.85 2.19 0.00	51.00 1.68 0.00	45.87 1.68 0.00	41.93 2.70 -0.10
ELLENBURG_WT_PWR 323604	42.73 0.13 0.00	37.51 -0.30 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.80 0.10 0.00	30.18 0.15 0.00	30.12 0.06 0.00	29.50 -0.06 0.00	30.09 -0.15 0.00	32.19 -0.10 0.00	35.40 -0.18 0.00	38.94 -0.27 0.00	41.06 -0.21 0.00	45.27 -0.14 0.00	51.21 -0.10 0.00	58.19 -0.23 0.00	60.29 -0.06 0.00	58.88 0.18 0.00	55.00 0.33 0.00	49.57 0.25 0.00	44.37 0.18 0.00	39.32 0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.52 -0.09 0.00	39.32 1.51 0.00	33.65 1.20 0.00	32.02 0.22 0.00	31.86 0.47 0.00	32.08 0.54 0.00	31.55 -0.16 0.00	29.76 -0.27 0.00	30.03 -0.03 0.00	29.65 0.09 0.00	30.52 0.27 0.00	32.42 0.13 0.00	36.43 0.85 0.00	40.27 1.06 0.00	42.09 0.83 0.00	45.77 0.36 0.00	52.09 0.77 0.00	59.47 1.05 0.00	61.92 1.57 0.00	59.82 1.12 0.00	55.21 0.55 0.00	50.41 1.09 0.00	44.50 0.31 0.00	39.36 0.23 0.00
EMPIRE_CC_1 323656	43.12 0.51 0.00	38.76 0.95 0.00	33.43 0.97 0.00	32.82 1.02 0.00	32.37 0.97 0.00	32.46 0.92 0.00	32.44 0.73 0.00	30.54 0.51 0.00	30.57 0.51 0.00	30.03 0.47 0.00	30.64 0.39 0.00	32.70 0.45 0.04	35.50 0.36 0.44	38.68 0.35 0.88	40.58 0.37 1.06	44.73 0.45 1.13	50.98 0.36 0.70	58.77 0.35 0.00	60.47 0.12 0.00	58.82 0.12 0.00	54.83 0.16 0.00	49.47 0.15 0.00	44.50 0.31 0.00	39.17 0.20 0.16
EMPIRE_CC_2 323658	43.12 0.51 0.00	38.76 0.95 0.00	33.43 0.97 0.00	32.82 1.02 0.00	32.37 0.97 0.00	32.46 0.92 0.00	32.44 0.73 0.00	30.54 0.51 0.00	30.57 0.51 0.00	30.03 0.47 0.00	30.64 0.39 0.00	32.70 0.45 0.04	35.50 0.36 0.44	38.68 0.35 0.88	40.58 0.37 1.06	44.73 0.45 1.13	50.98 0.36 0.70	58.77 0.35 0.00	60.47 0.12 0.00	58.82 0.12 0.00	54.83 0.16 0.00	49.47 0.15 0.00	44.50 0.31 0.00	39.17 0.20 0.16
ENORWICH_115KV_TB1 80156	45.20 2.60 0.00	40.46 2.65 0.00	34.63 2.17 0.00	33.74 1.94 0.00	33.56 2.17 0.00	33.91 2.37 0.00	33.68 1.97 0.00	31.77 1.74 0.00	31.50 1.44 0.00	30.69 1.12 0.00	31.27 1.03 0.00	33.49 1.19 0.00	36.79 1.21 0.00	40.47 1.25 0.00	42.79 1.53 0.00	47.04 1.63 0.00	53.83 2.51 0.00	61.87 3.45 0.00	65.24 4.89 0.00	63.76 5.05 0.00	59.48 4.81 0.00	53.66 4.34 0.00	47.73 3.54 0.00	42.10 2.97 0.00
ERIE_ST__34_KV_TB1-2 80199	42.48 -0.13 0.00	39.21 1.40 0.00	33.56 1.10 0.00	31.90 0.10 0.00	31.77 0.38 0.00	32.01 0.47 0.00	31.46 -0.25 0.00	29.79 -0.24 0.00	30.12 0.06 0.00	29.74 0.18 0.00	30.67 0.42 0.00	32.58 0.29 0.00	36.58 1.00 0.00	40.51 1.29 0.00	42.38 1.11 0.00	46.13 0.73 0.00	52.50 1.18 0.00	60.00 1.58 0.00	62.47 2.11 0.00	60.23 1.53 0.00	55.49 0.82 0.00	50.56 1.23 0.00	44.63 0.44 0.00	39.32 0.20 0.00
ERIE_WT_PWR 323693	42.69 0.09 0.00	39.44 1.62 0.00	33.75 1.30 0.00	32.31 0.51 0.00	31.96 0.57 0.00	32.20 0.66 0.00	31.65 -0.06 0.00	29.91 -0.12 0.00	30.15 0.09 0.00	29.74 0.18 0.00	30.67 0.42 0.00	32.58 0.29 0.00	36.58 0.99 0.00	40.47 1.25 0.00	42.30 1.03 0.00	46.04 0.64 0.00	52.29 0.97 0.00	59.88 1.46 0.00	62.28 1.93 0.00	60.17 1.47 0.00	55.54 0.87 0.00	50.65 1.33 0.00	44.72 0.53 0.00	39.52 0.39 0.00
ESPRGFLD_115KV_TB1 80157	44.82 2.22 0.00	39.97 2.16 0.00	34.21 1.75 0.00	33.58 1.78 0.00	33.21 1.82 0.00	33.43 1.89 0.00	33.20 1.49 0.00	31.14 1.11 0.00	31.02 0.96 0.00	30.42 0.86 0.00	31.18 0.94 0.00	33.25 0.97 0.01	36.51 1.03 0.10	40.15 1.14 0.20	42.14 1.11 0.24	46.47 1.32 0.25	52.90 1.74 0.16	60.76 2.34 0.00	63.25 2.90 0.00	61.99 3.29 0.00	58.06 3.39 0.00	52.53 3.21 0.00	46.89 2.70 0.00	41.32 2.23 0.04
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.20 0.60 0.00	38.72 0.91 0.00	33.17 0.71 0.00	32.34 0.54 0.00	31.99 0.60 0.00	32.17 0.63 0.00	32.09 0.38 0.00	30.36 0.33 0.00	30.33 0.27 0.00	29.71 0.15 0.00	30.48 0.24 0.00	32.55 0.26 0.00	35.94 0.36 0.00	39.61 0.39 0.00	41.68 0.41 0.00	45.77 0.36 0.00	51.98 0.67 0.00	59.47 1.05 0.00	61.92 1.57 0.00	60.35 1.64 0.00	56.09 1.42 0.00	50.65 1.33 0.00	45.21 1.02 0.00	39.91 0.78 0.00
ETNA____115KV_TB2 80207	43.20 0.60 0.00	38.72 0.91 0.00	33.17 0.71 0.00	32.34 0.54 0.00	31.99 0.60 0.00	32.17 0.63 0.00	32.09 0.38 0.00	30.36 0.33 0.00	30.33 0.27 0.00	29.71 0.15 0.00	30.48 0.24 0.00	32.55 0.26 0.00	35.94 0.36 0.00	39.61 0.39 0.00	41.68 0.41 0.00	45.77 0.36 0.00	51.98 0.67 0.00	59.47 1.05 0.00	61.92 1.57 0.00	60.35 1.64 0.00	56.09 1.42 0.00	50.65 1.33 0.00	45.21 1.02 0.00	39.91 0.78 0.00
EUCLID__115KV_TB2 356179	42.35 -0.64 -0.39	37.92 -0.26 -0.37	32.28 -0.26 -0.08	31.42 -0.38 0.00	31.05 -0.35 0.00	31.23 -0.35 -0.03	31.23 -0.51 -0.03	29.55 -0.48 0.00	29.58 -0.48 0.00	29.09 -0.47 0.00	29.82 -0.42 0.00	31.84 -0.45 0.00	35.15 -0.43 0.00	38.75 -0.47 0.00	40.73 -0.54 0.00	44.72 -0.68 0.00	50.70 -0.62 0.00	57.78 -0.64 0.00	59.87 -0.48 0.00	58.30 -0.41 0.00	54.18 -0.49 0.00	49.60 -0.39 -0.68	43.75 -0.44 0.00	38.66 -0.47 0.00
E_CANADA_CAP_HY 24051	45.41 2.81 0.00	40.46 2.65 0.00	34.66 2.21 0.00	33.99 2.19 0.00	33.59 2.20 0.00	33.78 2.24 0.00	33.39 1.68 0.00	31.11 1.08 0.00	30.87 0.81 0.00	30.24 0.68 0.00	30.91 0.66 0.00	32.92 0.65 0.02	36.07 0.64 0.15	39.62 0.71 0.30	41.44 0.54 0.36	45.80 0.77 0.38	52.16 1.08 0.23	60.23 1.81 0.00	62.83 2.48 0.00	62.05 3.34 0.00	58.44 3.77 0.00	53.12 3.80 0.00	47.51 3.32 0.00	41.73 2.66 0.05
E_CANADA_MHWK_HY 24050	42.56 -0.04 0.00	37.85 0.04 0.00	32.45 0.00 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.64 0.09 0.00	31.71 0.00 0.00	30.03 0.00 0.00	30.03 -0.03 0.00	29.47 -0.09 0.00	30.06 -0.18 0.00	32.10 -0.19 0.00	35.22 -0.36 0.00	38.82 -0.39 0.00	40.85 -0.41 0.00	44.95 -0.45 0.00	50.85 -0.46 0.00	57.95 -0.47 0.00	60.05 -0.30 0.00	58.47 -0.23 0.00	54.50 -0.16 0.00	49.32 0.00 0.00	44.28 0.09 0.00	39.20 0.08 0.00
E_FISHKILL__LBMP 23776	44.31 1.70 0.00	39.51 1.70 0.00	33.91 1.46 0.00	33.23 1.43 0.00	32.71 1.32 0.00	32.87 1.32 0.00	32.88 1.17 0.00	31.23 1.20 0.00	31.38 1.32 0.00	31.01 1.45 0.00	31.82 1.57 0.00	34.00 1.68 -0.03	37.69 1.81 -0.30	41.89 2.08 -0.60	44.13 2.15 -0.72	48.62 2.45 -0.76	54.25 2.46 -0.47	61.11 2.69 0.00	62.65 2.29 0.00	60.70 2.00 0.00	56.47 1.80 0.00	50.75 1.43 0.00	45.74 1.55 0.00	40.76 1.53 -0.11
FALCON__SEABRD_CC1 323796	43.20 0.60 0.00	37.93 0.11 0.00	32.55 0.10 0.00	31.90 0.10 0.00	31.49 0.09 0.00	31.64 0.09 0.00	32.12 0.41 0.00	30.48 0.45 0.00	30.42 0.36 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.52 0.23 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.43 0.17 0.00	45.72 0.32 0.00	51.72 0.41 0.00	58.83 0.41 0.00	61.02 0.67 0.00	59.59 0.88 0.00	55.65 0.99 0.00	50.11 0.79 0.00	44.86 0.66 0.00	39.71 0.59 0.00
FALCON__SEABRD_CC2 323797	43.20 0.60 0.00	37.93 0.11 0.00	32.55 0.10 0.00	31.90 0.10 0.00	31.49 0.09 0.00	31.64 0.09 0.00	32.12 0.41 0.00	30.48 0.45 0.00	30.42 0.36 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.52 0.23 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.43 0.17 0.00	45.72 0.32 0.00	51.72 0.41 0.00	58.83 0.41 0.00	61.02 0.67 0.00	59.59 0.88 0.00	55.65 0.99 0.00	50.11 0.79 0.00	44.86 0.66 0.00	39.71 0.59 0.00

FAR ROCKAWAY___4 23548	46.40 3.79 0.00	41.37 3.55 0.00	35.24 2.79 0.00	34.38 2.58 0.00	33.75 2.35 0.00	33.75 2.21 0.00	33.80 2.09 0.00	32.25 2.22 0.00	32.52 2.46 0.00	32.34 2.78 0.00	33.24 2.99 0.00	42.21 3.20 -6.72	44.04 3.56 -4.91	44.34 4.04 -1.09	46.34 4.25 -0.82	50.69 4.54 -0.75	56.50 4.72 -0.46	63.85 5.43 0.00	65.18 4.83 0.00	63.11 4.40 0.00	58.00 3.33 0.00	52.08 2.76 0.00	46.75 2.56 0.00	42.71 3.48 -0.10
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.16 2.56 0.00	40.23 2.42 0.00	34.50 2.04 0.00	33.71 1.91 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.72 2.16 0.00	32.51 2.27 0.00	34.81 2.49 -0.03	38.61 2.74 -0.29	42.90 3.10 -0.59	45.23 3.26 -0.70	49.83 3.68 -0.75	55.47 3.69 -0.46	62.33 3.91 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.46 2.79 0.00	51.54 2.22 0.00	46.53 2.34 0.00	41.54 2.31 -0.10
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.16 2.56 0.00	40.27 2.46 0.00	34.53 2.08 0.00	33.74 1.94 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.72 2.16 0.00	32.54 2.30 0.00	34.81 2.49 -0.03	38.61 2.74 -0.29	42.94 3.14 -0.59	45.27 3.30 -0.70	49.83 3.68 -0.75	55.47 3.69 -0.46	62.33 3.91 0.00	63.73 3.38 0.00	61.76 3.05 0.00	57.51 2.84 0.00	51.54 2.22 0.00	46.58 2.39 0.00	41.58 2.35 -0.10
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.12 2.51 0.00	40.23 2.42 0.00	34.50 2.04 0.00	33.71 1.91 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.39 1.68 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.69 2.13 0.00	32.51 2.27 0.00	34.81 2.49 -0.03	38.57 2.70 -0.29	42.90 3.10 -0.59	45.23 3.26 -0.70	49.78 3.63 -0.75	55.42 3.64 -0.46	62.27 3.86 0.00	63.67 3.32 0.00	61.70 2.99 0.00	57.40 2.73 0.00	51.49 2.17 0.00	46.49 2.30 0.00	41.54 2.31 -0.10
FARRAGUT___LBMP 323566	45.12 2.51 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.77 2.45 0.00	38.54 2.67 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	62.22 3.80 0.00	63.61 3.26 0.00	61.64 2.94 0.00	57.40 2.73 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
FENNER___WINDPWR 24204	43.28 0.68 0.00	38.57 0.76 0.00	33.07 0.62 0.00	32.34 0.54 0.00	31.99 0.59 0.00	32.20 0.66 0.00	32.19 0.48 0.00	30.45 0.42 0.00	30.45 0.39 0.00	29.86 0.30 0.00	30.55 0.30 0.00	32.65 0.36 0.00	35.94 0.36 0.00	39.61 0.39 0.00	41.68 0.41 0.00	45.86 0.45 0.00	52.03 0.72 0.00	59.41 0.99 0.00	61.74 1.39 0.00	60.17 1.47 0.00	55.98 1.31 0.00	50.56 1.23 0.00	45.16 0.97 0.00	39.87 0.74 0.00
FIBERTEK___ENERGY 23856	43.12 -0.30 -0.81	38.62 0.04 -0.77	32.63 0.00 -0.17	31.67 -0.13 0.00	31.33 -0.06 0.00	31.51 -0.09 -0.07	31.49 -0.29 -0.07	29.76 -0.27 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.00 -0.24 0.00	32.06 -0.23 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.11 -0.21 0.00	58.24 -0.18 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.72 0.05 0.00	50.83 0.10 -1.41	44.15 -0.04 0.00	39.05 -0.08 0.00
FITZPATRICK___ 23598	33.80 -1.24 7.57	29.70 -0.91 7.20	30.05 -0.78 1.62	30.94 -0.86 0.00	30.58 -0.82 0.00	30.11 -0.82 0.61	30.11 -0.98 0.61	29.10 -0.93 0.00	29.16 -0.90 0.00	28.68 -0.89 0.00	29.36 -0.88 0.00	31.35 -0.94 0.00	34.62 -0.96 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.09 -1.32 0.00	49.88 -1.44 0.00	56.84 -1.57 0.00	58.90 -1.45 0.00	57.30 -1.41 0.00	53.30 -1.36 0.00	35.00 -1.18 13.14	43.04 -1.15 0.00	38.07 -1.05 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.82 2.22 0.00	39.93 2.12 0.00	34.24 1.78 0.00	33.52 1.72 0.00	32.99 1.60 0.00	33.18 1.64 0.00	33.17 1.46 0.00	31.44 1.41 0.00	31.59 1.53 0.00	31.16 1.60 0.00	31.94 1.69 0.00	34.12 1.81 -0.02	37.81 1.99 -0.23	42.04 2.35 -0.48	44.31 2.48 -0.57	48.87 2.86 -0.60	54.82 3.13 -0.37	61.87 3.45 0.00	63.43 3.08 0.00	61.52 2.82 0.00	57.18 2.51 0.00	51.39 2.07 0.00	46.27 2.08 0.00	41.21 2.00 -0.08
FORT ORANGE___ 23900	43.41 0.81 0.00	38.76 0.95 0.00	33.39 0.94 0.00	32.79 0.99 0.00	32.37 0.97 0.00	32.46 0.92 0.00	32.41 0.70 0.00	30.57 0.54 0.00	30.60 0.54 0.00	30.06 0.50 0.00	30.58 0.33 0.00	32.66 0.39 0.02	35.69 0.32 0.21	38.83 0.04 0.43	40.84 0.08 0.51	44.95 0.09 0.54	51.08 0.10 0.34	58.42 0.00 0.00	60.17 -0.18 0.00	58.59 -0.12 0.00	54.67 0.00 0.00	49.37 0.05 0.00	44.37 0.18 0.00	39.21 0.16 0.08
FORT_DRUM_COGEN 23780	44.29 0.89 -0.79	39.09 0.53 -0.75	32.98 0.36 -0.17	32.09 0.29 0.00	31.89 0.50 0.00	32.24 0.63 -0.06	32.25 0.48 -0.06	30.39 0.36 0.00	30.36 0.30 0.00	29.68 0.12 0.00	30.21 -0.03 0.00	32.06 -0.23 0.00	35.19 -0.39 0.00	38.71 -0.51 0.00	40.89 -0.37 0.00	44.91 -0.50 0.00	51.06 -0.26 0.00	58.36 -0.06 0.00	61.32 0.97 0.00	60.23 1.53 0.00	56.20 1.53 0.00	52.22 1.53 -1.37	45.38 1.19 0.00	40.03 0.90 0.00
FOX_HILLS___ESR 323835	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.72 2.16 0.00	32.51 2.27 0.00	34.81 2.49 -0.03	38.64 2.78 -0.29	43.13 3.33 -0.59	45.43 3.47 -0.70	50.01 3.86 -0.75	55.27 3.49 -0.46	61.52 3.10 0.00	63.13 2.78 0.00	61.05 2.35 0.00	56.96 2.30 0.00	51.49 2.17 0.00	46.93 2.74 0.00	41.85 2.62 -0.10
FPL_FAR_ROCK_GT1 24212	46.40 3.79 -0.01	41.37 3.55 -0.01	35.24 2.79 0.00	34.28 2.48 0.00	33.75 2.36 0.00	33.75 2.21 0.00	33.80 2.09 0.00	32.13 2.10 0.00	32.52 2.47 0.00	32.34 2.78 0.00	33.25 2.99 -0.01	42.21 3.20 -6.72	44.04 3.56 -4.91	44.34 4.04 -1.09	46.35 4.25 -0.83	50.69 4.54 -0.75	56.49 4.72 -0.46	63.85 5.43 0.00	65.18 4.83 0.00	63.05 4.34 0.00	57.95 3.28 0.00	52.08 2.76 0.00	46.75 2.56 0.00	42.72 3.48 -0.11
FPL_FAR_ROCK_GT2 23815	46.40 3.79 -0.01	41.37 3.55 -0.01	35.24 2.79 0.00	34.28 2.48 0.00	33.75 2.36 0.00	33.75 2.21 0.00	33.80 2.09 0.00	32.13 2.10 0.00	32.52 2.47 0.00	32.34 2.78 0.00	33.25 2.99 -0.01	42.21 3.20 -6.72	44.04 3.56 -4.91	44.34 4.04 -1.09	46.35 4.25 -0.83	50.69 4.54 -0.75	56.49 4.72 -0.46	63.85 5.43 0.00	65.18 4.83 0.00	63.05 4.34 0.00	57.95 3.28 0.00	52.08 2.76 0.00	46.75 2.56 0.00	42.72 3.48 -0.11
FRANKLIN_FALL_HYD 24054	43.33 0.72 0.00	37.93 0.11 0.00	32.58 0.13 0.00	31.90 0.10 0.00	31.45 0.06 0.00	31.64 0.09 0.00	32.15 0.44 0.00	30.54 0.51 0.00	30.51 0.45 0.00	29.86 0.30 0.00	30.45 0.21 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.33 0.12 0.00	41.47 0.21 0.00	45.72 0.32 0.00	51.73 0.41 0.00	58.71 0.29 0.00	60.96 0.60 0.00	59.53 0.82 0.00	55.54 0.87 0.00	50.21 0.89 0.00	44.94 0.75 0.00	39.79 0.67 0.00

FREEPORT_EQUS_GT1 23764	46.02 3.41 -0.01	41.07 3.25 -0.01	35.02 2.56 0.00	34.06 2.26 0.00	33.53 2.14 0.00	33.50 1.96 0.00	33.58 1.87 0.00	31.92 1.89 0.00	32.31 2.26 0.00	32.16 2.60 0.00	33.03 2.78 -0.01	41.98 2.97 -6.72	43.24 3.27 -4.39	43.73 3.73 -0.79	45.85 3.84 -0.75	50.15 4.00 -0.75	55.93 4.15 -0.46	63.15 4.73 0.00	64.40 4.04 0.00	62.29 3.58 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.23 2.03 0.00	42.37 3.13 -0.11
FREEPORT___CT2 23818	46.02 3.41 -0.01	41.07 3.25 -0.01	35.02 2.56 0.00	34.06 2.26 0.00	33.53 2.14 0.00	33.50 1.96 0.00	33.58 1.87 0.00	31.92 1.89 0.00	32.31 2.26 0.00	32.16 2.60 0.00	33.03 2.78 -0.01	41.98 2.97 -6.72	43.24 3.27 -4.39	43.73 3.73 -0.79	45.85 3.84 -0.75	50.15 4.00 -0.75	55.93 4.15 -0.46	63.15 4.73 0.00	64.40 4.04 0.00	62.29 3.58 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.23 2.03 0.00	42.37 3.13 -0.11
FRESHKLS_33_KV_LOAD 356253	45.71 3.11 0.00	40.69 2.87 0.00	34.85 2.40 0.00	34.06 2.26 0.00	33.49 2.10 0.00	33.62 2.08 0.00	33.55 1.84 0.00	31.80 1.77 0.00	31.98 1.92 0.00	31.78 2.22 0.00	32.60 2.36 0.00	34.87 2.55 -0.03	38.72 2.85 -0.29	43.29 3.49 -0.59	45.60 3.63 -0.70	50.15 4.00 -0.75	55.32 3.54 -0.46	61.57 3.15 0.00	63.25 2.90 0.00	61.11 2.41 0.00	57.02 2.35 0.00	51.64 2.32 0.00	47.15 2.96 0.00	42.05 2.82 -0.10
FULTON COGEN____ 23766	43.82 -0.81 -2.03	39.29 -0.45 -1.93	32.47 -0.42 -0.44	31.29 -0.51 0.00	30.92 -0.47 0.00	31.23 -0.47 -0.16	31.24 -0.63 -0.16	29.40 -0.63 0.00	29.43 -0.63 0.00	28.91 -0.65 0.00	29.64 -0.60 0.00	31.64 -0.65 0.00	34.98 -0.60 0.00	38.51 -0.71 0.00	40.48 -0.78 0.00	44.50 -0.91 0.00	50.39 -0.92 0.00	57.48 -0.93 0.00	59.63 -0.72 0.00	58.06 -0.65 0.00	53.96 -0.71 0.00	52.30 -0.54 -3.52	43.57 -0.62 0.00	38.54 -0.59 0.00
FULTON___LFGE 323630	45.33 2.73 0.00	40.38 2.57 0.00	34.59 2.14 0.00	33.96 2.16 0.00	33.49 2.10 0.00	33.69 2.15 0.00	33.33 1.62 0.00	31.11 1.08 0.00	30.93 0.87 0.00	30.30 0.74 0.00	30.94 0.70 0.00	32.95 0.68 0.02	36.09 0.67 0.17	39.62 0.74 0.34	41.52 0.66 0.41	45.93 0.96 0.43	52.28 1.23 0.27	60.46 2.04 0.00	62.95 2.59 0.00	62.05 3.34 0.00	58.33 3.66 0.00	52.92 3.60 0.00	47.33 3.14 0.00	41.57 2.51 0.06
G.F.CEMENT___DRP 24184	44.18 1.58 0.00	39.32 1.51 0.00	33.72 1.27 0.00	33.14 1.34 0.00	32.65 1.26 0.00	32.77 1.23 0.00	32.60 0.89 0.00	31.26 1.23 0.00	31.20 1.14 0.00	30.60 1.03 0.00	31.00 0.76 0.00	33.10 0.84 0.03	36.07 0.75 0.26	39.52 0.82 0.52	41.46 0.83 0.63	45.15 0.41 0.67	51.37 0.46 0.41	59.41 0.99 0.00	61.80 1.45 0.00	60.35 1.64 0.00	56.64 1.97 0.00	51.25 1.92 0.00	45.96 1.77 0.00	40.36 1.33 0.09
GARDENVILLE___LBMP 24039	42.60 0.00 0.00	39.36 1.55 0.00	33.65 1.20 0.00	32.02 0.22 0.00	31.89 0.50 0.00	32.11 0.57 0.00	31.55 -0.16 0.00	29.76 -0.27 0.00	30.00 -0.06 0.00	29.59 0.03 0.00	30.48 0.24 0.00	32.39 0.10 0.00	36.40 0.82 0.00	40.27 1.06 0.00	42.09 0.83 0.00	45.77 0.36 0.00	52.09 0.77 0.00	59.47 1.05 0.00	61.98 1.63 0.00	59.94 1.23 0.00	55.32 0.66 0.00	50.51 1.18 0.00	44.63 0.44 0.00	39.44 0.31 0.00
GARDNVLA_35_KV_LD 355827	42.73 0.13 0.00	39.48 1.66 0.00	33.78 1.33 0.00	32.15 0.35 0.00	31.99 0.60 0.00	32.20 0.66 0.00	31.68 -0.03 0.00	29.91 -0.12 0.00	30.18 0.12 0.00	29.80 0.24 0.00	30.70 0.45 0.00	32.61 0.32 0.00	36.65 1.07 0.00	40.55 1.33 0.00	42.38 1.11 0.00	46.09 0.68 0.00	52.44 1.13 0.00	59.94 1.52 0.00	62.35 1.99 0.00	60.23 1.53 0.00	55.60 0.93 0.00	50.75 1.43 0.00	44.81 0.62 0.00	39.60 0.47 0.00
GELCKHM___115KV_LOAD 80723	42.67 -0.51 -0.57	38.21 -0.15 -0.55	32.41 -0.16 -0.12	31.51 -0.29 0.00	31.14 -0.25 0.00	31.34 -0.25 -0.05	31.31 -0.44 -0.05	29.61 -0.42 0.00	29.67 -0.39 0.00	29.15 -0.41 0.00	29.88 -0.36 0.00	31.90 -0.39 0.00	35.26 -0.32 0.00	38.86 -0.35 0.00	40.85 -0.41 0.00	44.86 -0.54 0.00	50.85 -0.46 0.00	57.95 -0.47 0.00	60.11 -0.24 0.00	58.47 -0.23 0.00	54.34 -0.33 0.00	50.12 -0.20 -1.00	43.88 -0.31 0.00	38.81 -0.31 0.00
GENERAL___MILLS 23808	42.65 0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.09 0.29 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.61 -0.10 0.00	29.85 -0.18 0.00	30.12 0.06 0.00	29.74 0.18 0.00	30.64 0.39 0.00	32.55 0.26 0.00	36.54 0.96 0.00	40.47 1.25 0.00	42.30 1.03 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.76 1.34 0.00	62.22 1.87 0.00	60.12 1.41 0.00	55.43 0.77 0.00	50.60 1.28 0.00	44.72 0.53 0.00	39.48 0.35 0.00
GE_PLASTICS___DRP 24183	43.29 0.68 0.00	38.64 0.83 0.00	33.23 0.78 0.00	32.69 0.89 0.00	32.24 0.85 0.00	32.36 0.82 0.00	32.34 0.63 0.00	30.54 0.51 0.00	30.57 0.51 0.00	30.06 0.50 0.00	30.67 0.42 0.00	32.73 0.45 0.02	35.84 0.43 0.16	39.32 0.43 0.33	41.32 0.45 0.40	45.53 0.54 0.42	51.57 0.51 0.26	58.95 0.53 0.00	60.72 0.36 0.00	59.00 0.29 0.00	55.00 0.33 0.00	49.62 0.30 0.00	44.59 0.40 0.00	39.42 0.35 0.06
GILBOA___1 23756	43.41 0.81 0.00	38.72 0.91 0.00	33.26 0.81 0.00	32.94 1.14 0.00	32.49 1.10 0.00	32.64 1.10 0.00	32.57 0.86 0.00	30.72 0.69 0.00	30.69 0.63 0.00	30.21 0.65 0.00	30.94 0.70 0.00	33.00 0.71 0.00	36.41 0.78 -0.05	40.21 0.90 -0.09	42.29 0.91 -0.11	46.57 1.05 -0.12	52.47 1.08 -0.07	59.59 1.17 0.00	61.26 0.91 0.00	59.47 0.76 0.00	55.49 0.82 0.00	50.01 0.69 0.00	44.94 0.75 0.00	39.81 0.66 -0.02
GILBOA___2 23757	43.41 0.81 0.00	38.72 0.91 0.00	33.26 0.81 0.00	32.94 1.14 0.00	32.49 1.10 0.00	32.64 1.10 0.00	32.57 0.86 0.00	30.72 0.69 0.00	30.69 0.63 0.00	30.21 0.65 0.00	30.94 0.70 0.00	33.00 0.71 0.00	36.41 0.78 -0.05	40.21 0.90 -0.09	42.29 0.91 -0.11	46.57 1.05 -0.12	52.47 1.08 -0.07	59.59 1.17 0.00	61.26 0.91 0.00	59.47 0.76 0.00	55.49 0.82 0.00	50.01 0.69 0.00	44.94 0.75 0.00	39.81 0.66 -0.02
GILBOA___3 23758	43.41 0.81 0.00	38.72 0.91 0.00	33.26 0.81 0.00	32.94 1.14 0.00	32.49 1.10 0.00	32.64 1.10 0.00	32.57 0.86 0.00	30.72 0.69 0.00	30.69 0.63 0.00	30.21 0.65 0.00	30.94 0.70 0.00	33.00 0.71 0.00	36.41 0.78 -0.05	40.21 0.90 -0.09	42.29 0.91 -0.11	46.57 1.05 -0.12	52.47 1.08 -0.07	59.59 1.17 0.00	61.26 0.91 0.00	59.47 0.76 0.00	55.49 0.82 0.00	50.01 0.69 0.00	44.94 0.75 0.00	39.81 0.66 -0.02
GILBOA___4 23759	43.41 0.81 0.00	38.72 0.91 0.00	33.26 0.81 0.00	32.94 1.14 0.00	32.49 1.10 0.00	32.64 1.10 0.00	32.57 0.86 0.00	30.72 0.69 0.00	30.69 0.63 0.00	30.21 0.65 0.00	30.94 0.70 0.00	33.00 0.71 0.00	36.41 0.78 -0.05	40.21 0.90 -0.09	42.29 0.91 -0.11	46.57 1.05 -0.12	52.47 1.08 -0.07	59.59 1.17 0.00	61.26 0.91 0.00	59.47 0.76 0.00	55.49 0.82 0.00	50.01 0.69 0.00	44.94 0.75 0.00	39.81 0.66 -0.02

GILBOA____ 23599	43.41 0.81 0.00	38.72 0.91 0.00	33.26 0.81 0.00	32.95 1.14 0.00	32.49 1.10 0.00	32.65 1.10 0.00	32.57 0.86 0.00	30.72 0.69 0.00	30.69 0.63 0.00	30.21 0.65 0.00	30.94 0.70 0.00	33.01 0.71 0.00	36.41 0.78 -0.05	40.21 0.90 -0.09	42.29 0.91 -0.11	46.57 1.04 -0.12	52.47 1.08 -0.07	59.59 1.17 0.00	61.26 0.91 0.00	59.53 0.82 0.00	55.54 0.87 0.00	50.01 0.69 0.00	44.94 0.75 0.00	39.81 0.67 -0.02
GINNA____ 23603	40.90 -1.71 0.00	37.02 -0.80 0.00	31.67 -0.78 0.00	30.66 -1.14 0.00	30.29 -1.10 0.00	30.44 -1.10 0.00	30.22 -1.49 0.00	28.59 -1.44 0.00	28.67 -1.38 0.00	28.20 -1.36 0.00	28.94 -1.30 0.00	30.87 -1.42 0.00	34.37 -1.21 0.00	37.88 -1.33 0.00	39.74 -1.53 0.00	43.54 -1.86 0.00	49.52 -1.80 0.00	56.49 -1.93 0.00	58.73 -1.63 0.00	57.30 -1.41 0.00	53.14 -1.53 0.00	48.24 -1.09 0.00	42.87 -1.32 0.00	37.80 -1.33 0.00
GLEN PARK____ 23778	44.50 1.07 -0.83	39.29 0.68 -0.79	33.12 0.49 -0.18	32.21 0.41 0.00	32.05 0.66 0.00	32.43 0.82 -0.07	32.38 0.60 -0.07	30.51 0.48 0.00	30.42 0.36 0.00	29.77 0.21 0.00	30.30 0.06 0.00	32.13 -0.16 0.00	35.26 -0.32 0.00	38.75 -0.47 0.00	40.98 -0.29 0.00	45.04 -0.36 0.00	51.21 -0.10 0.00	58.60 0.18 0.00	61.68 1.33 0.00	60.64 1.93 0.00	56.69 2.02 0.00	52.69 1.92 -1.45	45.65 1.46 0.00	40.26 1.14 0.00
GLENDALE_27_KV_LOAD 356172	45.54 2.94 0.00	40.57 2.76 0.00	34.79 2.34 0.00	33.99 2.19 0.00	33.43 2.04 0.00	33.59 2.05 0.00	33.61 1.90 0.00	31.95 1.92 0.00	32.19 2.13 0.00	31.96 2.39 0.00	32.72 2.48 0.00	35.10 2.78 -0.03	38.89 3.02 -0.29	43.25 3.45 -0.59	45.60 3.63 -0.70	50.19 4.04 -0.75	55.73 3.95 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.46 2.79 0.00	51.74 2.42 0.00	46.98 2.78 0.00	41.89 2.66 -0.10
GLENWOOD_IC_1_G5 23712	45.54 2.94 0.00	40.61 2.80 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.31 1.91 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.86 1.83 0.00	32.10 2.04 0.00	31.87 2.31 0.00	32.78 2.54 0.00	41.73 2.71 -6.72	42.84 2.99 -4.27	43.35 3.41 -0.73	45.54 3.55 -0.72	50.01 3.86 -0.75	55.73 3.95 -0.46	62.39 3.97 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.40 2.73 0.00	51.54 2.22 0.00	46.31 2.12 0.00	41.89 2.66 -0.10
GLENWOOD_IC_2_G1 23688	45.21 2.60 -0.01	40.32 2.50 -0.01	34.50 2.05 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.24 1.70 0.00	33.33 1.62 0.00	31.65 1.62 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.55 2.30 -0.01	41.47 2.45 -6.72	42.44 2.70 -4.16	42.93 3.06 -0.66	45.16 3.18 -0.71	49.60 3.45 -0.75	55.37 3.59 -0.46	62.27 3.85 0.00	63.67 3.32 0.00	61.64 2.93 0.00	57.07 2.40 0.00	51.30 1.97 0.00	46.13 1.94 0.00	41.62 2.39 -0.11
GLENWOOD_IC_3_G1 23689	45.21 2.60 -0.01	40.32 2.50 -0.01	34.50 2.05 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.24 1.70 0.00	33.33 1.62 0.00	31.65 1.62 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.55 2.30 -0.01	41.47 2.45 -6.72	42.44 2.70 -4.16	42.93 3.06 -0.66	45.16 3.18 -0.71	49.60 3.45 -0.75	55.37 3.59 -0.46	62.27 3.85 0.00	63.67 3.32 0.00	61.64 2.93 0.00	57.07 2.40 0.00	51.30 1.97 0.00	46.13 1.94 0.00	41.62 2.39 -0.11
GLENWOOD____4 23550	45.54 2.94 0.00	40.61 2.80 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.31 1.91 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.86 1.83 0.00	32.10 2.04 0.00	31.87 2.31 0.00	32.78 2.54 0.00	41.73 2.71 -6.72	42.84 2.99 -4.27	43.35 3.41 -0.73	45.54 3.55 -0.72	50.01 3.86 -0.75	55.73 3.95 -0.46	62.57 4.15 0.00	63.91 3.56 0.00	61.82 3.11 0.00	57.40 2.73 0.00	51.54 2.22 0.00	46.31 2.12 0.00	41.89 2.66 -0.10
GLENWOOD____5 23614	45.54 2.94 0.00	40.61 2.80 0.00	34.69 2.24 0.00	33.90 2.10 0.00	33.31 1.91 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.86 1.83 0.00	32.10 2.04 0.00	31.87 2.31 0.00	32.78 2.54 0.00	41.73 2.71 -6.72	42.84 2.99 -4.27	43.35 3.41 -0.73	45.54 3.55 -0.72	50.01 3.86 -0.75	55.73 3.95 -0.46	62.57 4.15 0.00	63.91 3.56 0.00	61.82 3.11 0.00	57.40 2.73 0.00	51.54 2.22 0.00	46.31 2.12 0.00	41.89 2.66 -0.10
GLOBAL GREEN_PORT_GT1 23814	47.17 4.56 -0.01	42.09 4.27 -0.01	35.67 3.21 0.00	34.66 2.86 0.00	34.18 2.79 0.00	34.07 2.52 0.00	34.09 2.38 0.00	32.43 2.40 0.00	33.12 3.07 0.00	33.11 3.55 0.00	34.36 4.11 -0.01	43.44 4.42 -6.72	44.80 5.12 -4.09	45.56 5.73 -0.62	47.70 5.73 -0.70	52.00 6.09 -0.51	57.42 6.21 0.11	65.90 7.48 0.00	66.09 5.74 0.00	63.27 5.10 0.54	57.77 3.61 0.51	52.08 3.11 0.35	46.71 2.52 0.00	43.43 4.19 -0.11
GLOBE____DSASP 323697	41.37 -1.24 0.00	38.38 0.57 0.00	32.81 0.36 0.00	31.74 -0.06 0.00	31.05 -0.35 0.00	31.26 -0.28 0.00	31.07 -0.63 0.00	28.95 -1.08 0.00	29.19 -0.87 0.00	28.79 -0.77 0.00	29.61 -0.64 0.00	31.45 -0.84 0.00	35.40 -0.18 0.00	39.10 -0.12 0.00	40.81 -0.45 0.00	44.31 -1.09 0.00	50.34 -0.97 0.00	57.48 -0.93 0.00	59.81 -0.54 0.00	57.88 -0.82 0.00	53.46 -1.20 0.00	48.88 -0.44 0.00	43.18 -1.02 0.00	38.27 -0.86 0.00
GOETHSLN____LBMP 323567	44.90 2.30 0.00	40.01 2.19 0.00	34.30 1.85 0.00	33.52 1.72 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.20 1.49 0.00	31.59 1.56 0.00	31.83 1.77 0.00	31.54 1.98 0.00	32.36 2.12 0.00	34.68 2.36 -0.03	38.43 2.56 -0.29	42.70 2.90 -0.59	45.02 3.05 -0.70	49.60 3.45 -0.75	55.16 3.39 -0.46	61.92 3.51 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.20 1.87 0.00	46.27 2.08 0.00	41.30 2.07 -0.10
GOLAH____69_KV_TB 1_2 80279	43.20 0.60 0.00	39.40 1.59 0.00	33.65 1.20 0.00	32.28 0.48 0.00	32.08 0.69 0.00	32.24 0.69 0.00	31.87 0.16 0.00	30.03 0.00 0.00	30.12 0.06 0.00	29.59 0.03 0.00	30.42 0.18 0.00	32.35 0.06 0.00	36.11 0.53 0.00	39.88 0.67 0.00	41.80 0.54 0.00	45.63 0.23 0.00	51.93 0.62 0.00	59.24 0.82 0.00	61.80 1.45 0.00	60.17 1.47 0.00	55.76 1.09 0.00	50.70 1.38 0.00	44.90 0.71 0.00	39.71 0.59 0.00
GOODYEAR_LAKE_HYD 323669	44.14 1.53 0.00	39.36 1.55 0.00	33.75 1.30 0.00	33.14 1.34 0.00	32.77 1.38 0.00	32.99 1.45 0.00	32.88 1.17 0.00	31.02 0.99 0.00	30.99 0.93 0.00	30.45 0.89 0.00	31.21 0.97 0.00	33.32 1.03 0.00	36.68 1.10 0.00	40.47 1.25 0.00	42.59 1.32 0.00	46.86 1.45 0.00	53.11 1.80 0.00	60.64 2.22 0.00	62.83 2.47 0.00	61.17 2.47 0.00	57.07 2.41 0.00	51.49 2.17 0.00	46.00 1.81 0.00	40.69 1.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.90 0.30 0.00	38.61 0.79 0.00	33.07 0.62 0.00	32.21 0.41 0.00	31.86 0.47 0.00	32.01 0.47 0.00	31.90 0.19 0.00	30.21 0.18 0.00	30.27 0.21 0.00	29.77 0.21 0.00	30.61 0.36 0.00	32.65 0.36 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.93 0.66 0.00	45.99 0.59 0.00	52.14 0.82 0.00	59.53 1.11 0.00	61.74 1.39 0.00	59.88 1.17 0.00	55.60 0.93 0.00	50.26 0.94 0.00	44.81 0.62 0.00	39.60 0.47 0.00

GOUDEY___7 23579	42.90 0.30 0.00	38.61 0.79 0.00	33.07 0.62 0.00	32.21 0.41 0.00	31.86 0.47 0.00	32.01 0.47 0.00	31.90 0.19 0.00	30.21 0.18 0.00	30.27 0.21 0.00	29.77 0.21 0.00	30.61 0.36 0.00	32.65 0.36 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.93 0.66 0.00	45.99 0.59 0.00	52.14 0.82 0.00	59.53 1.11 0.00	61.74 1.39 0.00	59.88 1.17 0.00	55.60 0.93 0.00	50.26 0.94 0.00	44.81 0.62 0.00	39.60 0.47 0.00
GOUDEY___8 23580	42.90 0.30 0.00	38.61 0.79 0.00	33.07 0.62 0.00	32.21 0.41 0.00	31.86 0.47 0.00	32.01 0.47 0.00	31.90 0.19 0.00	30.21 0.18 0.00	30.27 0.21 0.00	29.77 0.21 0.00	30.61 0.36 0.00	32.65 0.36 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.93 0.66 0.00	45.99 0.59 0.00	52.14 0.82 0.00	59.53 1.11 0.00	61.74 1.39 0.00	59.88 1.17 0.00	55.60 0.93 0.00	50.26 0.94 0.00	44.81 0.62 0.00	39.60 0.47 0.00
GOWANUS_GT1_1 24077	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT1_2 24078	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT1_3 24079	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT1_4 24080	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 0.00	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT1_5 24084	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT1_6 24111	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1															

GOWANUS_GT2_6 24119	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
GOWANUS_GT2_7 24120	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
GOWANUS_GT2_8 24121	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
GOWANUS_GT3_1 24122	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
GOWANUS_GT3_2 24123	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
GOWANUS_GT3_3 24124	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
GOWANUS_GT3_4 24125	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
GOWANUS_GT3_5 24126	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.0																			

GOWANUS_GT4_5 24134	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT4_6 24135	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT4_7 24136	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GOWANUS_GT4_8 24137	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GREATVRV_69_KV_BK1 356245	46.69 4.09 0.00	41.78 3.97 0.00	35.50 3.05 0.00	34.60 2.80 0.00	33.97 2.57 0.00	33.88 2.33 0.00	33.99 2.28 0.00	32.52 2.49 0.00	32.76 2.71 0.00	32.64 3.07 0.00	33.63 3.39 0.00	42.60 3.58 -6.72	43.71 4.02 -4.11	44.36 4.51 -0.63	46.38 4.42 -0.70	50.52 4.54 -0.58	56.14 4.72 -0.11	64.04 5.61 -0.01	65.14 4.77 -0.01	62.65 4.29 0.34	57.18 3.06 0.55	51.46 2.52 0.38	46.53 2.34 0.00	43.10 3.87 -0.10
GREENBSH_115KV_TB3 55895	43.20 0.60 0.00	38.57 0.76 0.00	33.23 0.78 0.00	32.66 0.86 0.00	32.21 0.82 0.00	32.33 0.79 0.00	32.31 0.60 0.00	30.51 0.48 0.00	30.51 0.45 0.00	30.03 0.47 0.00	30.55 0.30 0.02	32.59 0.32 0.02	35.60 0.25 0.22	38.96 0.20 0.46	40.93 0.21 0.55	45.05 0.23 0.58	51.11 0.15 0.36	58.59 0.18 0.00	60.29 -0.06 0.00	58.65 -0.06 0.00	54.67 0.00 0.00	49.32 0.00 0.00	44.37 0.18 0.00	39.16 0.12 0.08
GREENDGE_115KV_TB5 80291	43.07 0.47 0.00	38.98 1.17 0.00	33.36 0.91 0.00	32.28 0.48 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.93 0.22 0.00	30.21 0.18 0.00	30.21 0.15 0.00	29.62 0.06 0.00	30.48 0.24 0.00	32.52 0.23 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.84 0.58 0.00	45.86 0.45 0.00	51.78 0.46 0.00	59.24 0.82 0.00	61.86 1.51 0.00	60.23 1.53 0.00	55.92 1.26 0.00	50.65 1.33 0.00	45.30 1.10 0.00	39.95 0.82 0.00
GREENIDGE___3 23582	43.07 0.47 0.00	38.98 1.17 0.00	33.36 0.91 0.00	32.28 0.48 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.93 0.22 0.00	30.21 0.18 0.00	30.21 0.15 0.00	29.62 0.06 0.00	30.48 0.24 0.00	32.52 0.23 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.84 0.58 0.00	45.86 0.45 0.00	51.78 0.46 0.00	59.24 0.82 0.00	61.86 1.51 0.00	60.23 1.53 0.00	55.92 1.26 0.00	50.65 1.33 0.00	45.30 1.10 0.00	39.95 0.82 0.00
GREENIDGE___4 23583	43.07 0.47 0.00	38.99 1.17 0.00	33.36 0.91 0.00	32.34 0.54 0.00	31.99 0.59 0.00	32.17 0.63 0.00	31.93 0.22 0.00	30.24 0.21 0.00	30.21 0.15 0.00	29.62 0.06 0.00	30.48 0.24 0.00	32.52 0.23 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.84 0.58 0.00	45.86 0.45 0.00	51.78 0.46 0.00	59.30 0.88 0.00	61.92 1.57 0.00	60.29 1.59 0.00	55.93 1.26 0.00	50.65 1.33 0.00	45.30 1.11 0.00	39.95 0.82 0.00
GREENLWN_69_KV_BK 3 55738	45.16 2.56 0.00	40.46 2.65 0.00	34.47 2.01 0.00	33.64 1.84 0.00	33.02 1.63 0.00	32.99 1.45 0.00	33.10 1.40 0.00	31.62 1.59 0.00	31.89 1.83 0.00	31.75 2.19 0.00	32.60 2.36 0.00	41.53 2.52 -6.72	42.32 2.63 -4.10	42.75 2.90 -0.63	44.72 2.76 -0.69	48.20 2.82 0.02	52.63 2.72 1.41	61.82 3.21 -0.19	62.87 2.35 -0.16	58.86 1.94 1.78	54.38 1.09 1.39	49.05 0.69 0.96	44.99 0.80 0.00	41.69 2.46 -0.10
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10
GRISSOM___SOLAR 323813	45.16 2.56 0.00	40.20 2.38 0.00	34.43 1.98 0.00	33.80 2.00 0.00	33.37 1.98 0.00	33.53 1.99 0.00	33.23 1.52 0.00	31.11 1.08 0.00	30.96 0.90 0.00	30.33 0.77 0.00	30.97 0.72 0.00	33.02 0.74 0.02	36.12 0.71 0.17	39.69 0.82 0.35	41.59 0.74 0.42	45.96 1.00 0.44	52.33 1.28 0.27	60.41 1.99 0.00	62.83 2.48 0.00	61.76 3.05 0.00	58.06 3.39 0.00	52.63 3.30 0.00	47.11 2.92 0.00	41.37 2.31 0.06
GROVEVILLE___HYD 323602	44.82 2.22 0.00	39.93 2.12 0.00	34.24 1.78 0.00	33.52 1.72 0.00	32.99 1.60 0.00	33.18 1.64 0.00	33.17 1.46 0.00	31.44 1.41 0.00	31.59 1.53 0.00	31.16 1.60 0.00	31.94 1.69 0.00	34.12 1.81 -0.02	37.81 1.99 -0.23	42.04 2.35 -0.48	44.31 2.48 -0.57	48.87 2.86 -0.60	54.82 3.13 -0.37	61.87 3.45 0.00	63.43 3.08 0.00	61.52 2.82 0.00	57.18 2.51 0.00	51.39 2.07 0.00	46.27 2.08 0.00	41.21 2.00 -0.08
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.12 -0.30 -0.81	38.62 0.04 -0.77	32.63 0.00 -0.17	31.67 -0.13 0.00	31.33 -0.06 0.00	31.51 -0.09 -0.07	31.49 -0.29 -0.07	29.76 -0.27 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.00 -0.24 0.00	32.06 -0.23 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.11 -0.21 0.00	58.24 -0.18 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.72 0.05 0.00	50.83 0.10 -1.41	44.15 -0.04 0.00	39.05 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	43.24 -0.13 -0.76	38.84 0.30 -0.72	32.81 0.19 -0.16	31.83 0.03 0.00	31.45 0.06 0.00	31.67 0.06 -0.06	31.61 -0.16 -0.06	29.88 -0.15 0.00	29.88 -0.18 0.00	29.35 -0.21 0.00	30.12 -0.12 0.00	32.16 -0.13 0.00	35.58 0.00 0.00	39.22 0.00 0.00	41.18 -0.08 0.00	45.22 -0.18 0.00	51.32 0.00 0.00	58.54 0.12 0.00	60.84 0.48 0.00	59.23 0.53 0.00	55.00 0.33 0.00	51.09 0.44 -1.32	44.41 0.22 0.00	39.20 0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	43.63 0.72 -0.31	38.22 0.11 -0.29	32.55 0.03 -0.07	31.80 0.00 0.00	31.49 0.09 0.00	31.72 0.16 -0.02	32.05 0.32 -0.02	30.30 0.27 0.00	30.33 0.27 0.00	29.68 0.12 0.00	30.27 0.03 0.00	32.23 -0.06 0.00	35.33 -0.25 0.00	38.86 -0.35 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	50.96 -0.36 0.00	57.84 -0.58 0.00	60.29 -0.06 0.00	58.94 0.24 0.00	55.10 0.44 0.00	50.45 0.59 -0.53	44.86 0.66 0.00	39.63 0.51 0.00
HARDSCRABBLE_WT_PWR 323673	42.60 0.00 0.00	37.89 0.08 0.00	32.49 0.03 0.00	31.83 0.03 0.00	31.49 0.09 0.00	31.70 0.16 0.00	31.77 0.06 0.00	30.06 0.03 0.00	30.06 0.00 0.00	29.50 -0.06 0.00	30.12 -0.12 0.00	32.13 -0.16 0.00	35.29 -0.29 0.00	38.86 -0.35 0.00	40.93 -0.33 0.00	45.04 -0.36 0.00	50.96 -0.36 0.00	58.07 -0.35 0.00	60.17 -0.18 0.00	58.59 -0.12 0.00	54.61 -0.05 0.00	49.42 0.10 0.00	44.32 0.13 0.00	39.24 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.56 1.96 0.00	39.74 1.93 0.00	34.11 1.66 0.00	33.33 1.53 0.00	32.84 1.44 0.00	32.99 1.45 0.00	33.01 1.30 0.00	31.32 1.29 0.00	31.50 1.44 0.00	31.13 1.57 0.00	31.94 1.69 0.00	34.16 1.84 -0.03	37.86 2.03 -0.25	42.04 2.31 -0.51	44.31 2.43 -0.61	48.83 2.77 -0.65	54.69 2.98 -0.40	61.69 3.27 0.00	63.25 2.90 0.00	61.29 2.58 0.00	56.96 2.30 0.00	51.15 1.82 0.00	46.05 1.86 0.00	41.06 1.84 -0.09
HARSNRAD_115KV_TB1 81005	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	31.83 0.03 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.36 -0.35 0.00	29.52 -0.51 0.00	29.76 -0.30 0.00	29.35 -0.21 0.00	30.18 -0.06 0.00	32.06 -0.23 0.00	36.08 0.50 0.00	39.88 0.67 0.00	41.64 0.37 0.00	45.22 -0.18 0.00	51.47 0.15 0.00	58.77 0.35 0.00	61.20 0.84 0.00	59.29 0.59 0.00	54.78 0.11 0.00	50.06 0.74 0.00	44.19 0.00 0.00	39.20 0.08 0.00
HARZA MOOSE___RIVER 24016	43.71 0.89 -0.21	38.51 0.49 -0.20	32.86 0.36 -0.05	32.15 0.35 0.00	31.86 0.47 0.00	32.13 0.57 -0.02	32.17 0.44 -0.02	30.42 0.39 0.00	30.51 0.45 0.00	29.86 0.30 0.00	30.48 0.24 0.00	32.39 0.10 0.00	35.54 -0.04 0.00	39.14 -0.08 0.00	41.27 0.00 0.00	45.40 0.00 0.00	51.57 0.26 0.00	58.77 0.35 0.00	61.26 0.91 0.00	59.82 1.12 0.00	55.71 1.04 0.00	50.73 1.04 -0.37	44.99 0.80 0.00	39.75 0.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.09 -0.51 0.00	37.66 -0.15 0.00	32.29 -0.16 0.00	31.51 -0.29 0.00	31.14 -0.25 0.00	31.29 -0.25 0.00	31.27 -0.44 0.00	29.61 -0.42 0.00	29.64 -0.42 0.00	29.15 -0.41 0.00	29.88 -0.36 0.00	31.94 -0.36 0.00	35.26 -0.32 0.00	38.86 -0.35 0.00	40.85 -0.41 0.00	44.86 -0.54 0.00	50.85 -0.46 0.00	58.01 -0.41 0.00	60.11 -0.24 0.00	58.53 -0.18 0.00	54.39 -0.27 0.00	49.12 -0.20 0.00	43.88 -0.31 0.00	38.77 -0.35 0.00
HELLGATE_13_KV_LD 55870	45.59 2.98 0.00	40.61 2.80 0.00	34.85 2.40 0.00	34.03 2.23 0.00	33.49 2.10 0.00	33.65 2.11 0.00	33.64 1.93 0.00	31.95 1.92 0.00	32.19 2.13 0.00	31.96 2.39 0.00	32.75 2.51 0.00	35.10 2.78 -0.03	38.93 3.06 -0.29	43.25 3.45 -0.59	45.60 3.63 -0.70	50.19 4.04 -0.75	55.68 3.90 -0.46	62.04 3.62 0.00	63.49 3.14 0.00	61.47 2.76 0.00	57.46 2.79 0.00	51.74 2.42 0.00	46.98 2.78 0.00	41.93 2.70 -0.10
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.59 2.98 0.00	40.61 2.80 0.00	34.85 2.40 0.00	34.03 2.23 0.00	33.49 2.10 0.00	33.65 2.11 0.00	33.64 1.93 0.00	31.95 1.92 0.00	32.19 2.13 0.00	31.96 2.39 0.00	32.75 2.51 0.00	35.10 2.78 -0.03	38.93 3.06 -0.29	43.25 3.45 -0.59	45.60 3.63 -0.70	50.19 4.04 -0.75	55.68 3.90 -0.46	62.04 3.62 0.00	63.49 3.14 0.00	61.47 2.76 0.00	57.46 2.79 0.00	51.74 2.42 0.00	46.98 2.78 0.00	41.93 2.70 -0.10
HEMPSTEAD___ 23647	45.55 2.94 -0.01	40.66 2.84 -0.01	34.69 2.24 0.00	33.77 1.97 0.00	33.24 1.85 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.71 1.68 0.00	32.07 2.01 0.00	31.87 2.31 0.00	32.76 2.51 -0.01	41.69 2.68 -6.72	42.84 2.95 -4.31	43.34 3.37 -0.75	45.47 3.47 -0.74	49.74 3.59 -0.75	55.47 3.70 -0.46	62.45 4.03 0.00	63.73 3.38 0.00	61.70 2.99 0.00	56.86 2.19 0.00	51.10 1.77 0.00	45.91 1.72 0.00	41.94 2.70 -0.11
HICKLING___1 23621	43.03 0.43 0.00	39.10 1.29 0.00	33.49 1.04 0.00	32.31 0.51 0.00	32.05 0.66 0.00	32.20 0.66 0.00	31.93 0.22 0.00	30.21 0.18 0.00	30.24 0.18 0.00	29.74 0.18 0.00	30.67 0.42 0.00	32.71 0.42 0.00	36.43 0.85 0.00	40.20 0.98 0.00	42.22 0.95 0.00	46.18 0.77 0.00	52.50 1.18 0.00	60.00 1.58 0.00	62.53 2.17 0.00	60.64 1.94 0.00	56.25 1.59 0.00	50.95 1.63 0.00	45.30 1.10 0.00	39.91 0.78 0.00
HICKLING___2 23622	43.03 0.43 0.00	39.10 1.29 0.00	33.49 1.04 0.00	32.31 0.51 0.00	32.05 0.66 0.00	32.20 0.66 0.00	31.93 0.22 0.00	30.21 0.18 0.00	30.24 0.18 0.00	29.74 0.18 0.00	30.67 0.42 0.00	32.71 0.42 0.00	36.43 0.85 0.00	40.20 0.98 0.00	42.22 0.95 0.00	46.18 0.77 0.00	52.50 1.18 0.00	60.00 1.58 0.00	62.53 2.17 0.00	60.64 1.94 0.00	56.25 1.59 0.00	50.95 1.63 0.00	45.30 1.10 0.00	39.91 0.78 0.00
HIGH FALLS___HY 23754	44.69 2.09 0.00	39.85 2.04 0.00	34.14 1.69 0.00	33.39 1.59 0.00	32.87 1.48 0.00	33.06 1.51 0.00	33.07 1.36 0.00	31.38 1.35 0.00	31.53 1.47 0.00	31.10 1.54 0.00	31.94 1.69 0.00	34.11 1.81 -0.02	37.73 1.99 -0.16	41.89 2.35 -0.32	44.16 2.52 -0.38	48.76 2.95 -0.40	54.85 3.28 -0.25	62.10 3.68 0.00	63.73 3.38 0.00	61.82 3.11 0.00	57.35 2.68 0.00	51.49 2.17 0.00	46.31 2.12 0.00	41.22 2.03 -0.06
HIGH_RIVER___SOLAR 323847	44.22 1.62 0.00	39.40 1.59 0.00	33.78 1.33 0.00	33.17 1.37 0.00	32.74 1.35 0.00	32.87 1.32 0.00	32.69 0.98 0.00	30.69 0.66 0.00	30.48 0.42 0.00	29.80 0.24 0.00	30.43 0.18 0.00	32.40 0.13 0.02	35.47 0.07 0.18	38.96 0.12 0.37	40.90 0.08 0.45	45.06 0.14 0.48	51.23 0.21 0.29	59.18 0.76 0.00	61.68 1.33 0.00	60.47 1.76 0.00	56.69 2.02 0.00	51.30 1.97 0.00	45.96 1.77 0.00	40.51 1.45 0.07
HILLBURN___GT 23639	44.56 1.96 0.00	39.74 1.93 0.00	34.11 1.65 0.00	33.33 1.53 0.00	32.84 1.44 0.00	32.99 1.45 0.00	33.01 1.30 0.00	31.38 1.35 0.00	31.56 1.50 0.00	31.25 1.68 0.00	32.09 1.85 0.00	34.29 1.97 -0.03	38.01 2.17 -0.26	42.22 2.47 -0.53	44.46 2.56 -0.63	48.99 2.91 -0.67	54.76 3.03 -0.42	61.63 3.21 0.00	63.19 2.84 0.00	61.11 2.41 0.00	56.80 2.13 0.00	51.00 1.68 0.00	46.00 1.81 0.00	41.02 1.80 -0.09
HILLSIDE_115KV_TB1 80332	42.48 -0.13 0.00	38.53 0.72 0.00	33.00 0.55 0.00	31.90 0.10 0.00	31.61 0.22 0.00	31.79 0.25 0.00	31.55 -0.16 0.00	29.91 -0.12 0.00	29.97 -0.09 0.00	29.50 -0.06 0.00	30.42 0.18 0.00	32.42 0.13 0.00	36.08 0.50 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.81 0.41 0.00	51.98 0.67 0.00	59.41 0.99 0.00	61.74 1.39 0.00	59.76 1.06 0.00	55.43 0.77 0.00	50.16 0.84 0.00	44.59 0.40 0.00	39.32 0.20 0.00

HISHELDN_WT_PWR 323625	42.60 0.00 0.00	39.25 1.44 0.00	33.59 1.14 0.00	32.21 0.41 0.00	31.86 0.47 0.00	32.11 0.57 0.00	31.55 -0.16 0.00	29.73 -0.30 0.00	29.85 -0.21 0.00	29.41 -0.15 0.00	30.27 0.03 0.00	32.19 -0.10 0.00	36.12 0.53 0.00	39.96 0.74 0.00	41.84 0.58 0.00	45.59 0.18 0.00	51.68 0.36 0.00	59.18 0.76 0.00	61.74 1.39 0.00	59.88 1.17 0.00	55.43 0.76 0.00	50.50 1.18 0.00	44.68 0.49 0.00	39.48 0.35 0.00
HOLTSVILLE_IC_1 23690	45.81 3.20 -0.01	41.07 3.25 -0.01	34.89 2.44 0.00	33.93 2.13 0.00	33.43 2.04 0.00	33.37 1.83 0.00	33.48 1.77 0.00	31.80 1.77 0.00	32.28 2.22 0.00	32.13 2.57 0.00	33.09 2.84 -0.01	41.98 2.97 -6.72	42.95 3.27 -4.09	43.52 3.69 -0.62	45.44 3.47 -0.70	49.42 3.50 -0.52	54.74 3.49 0.07	62.45 4.03 0.00	63.55 3.20 0.00	60.96 2.76 0.51	55.89 1.70 0.48	50.33 1.33 0.33	45.47 1.28 0.00	42.33 3.09 -0.11
HOLTSVILLE_IC_10 23699	46.06 3.45 -0.01	41.26 3.44 -0.01	35.05 2.60 0.00	34.06 2.26 0.00	33.59 2.20 0.00	33.50 1.96 0.00	33.61 1.90 0.00	31.95 1.92 0.00	32.43 2.37 0.00	32.28 2.72 0.00	33.27 3.02 -0.01	42.18 3.17 -6.72	43.24 3.56 -4.10	43.80 3.96 -0.62	45.81 3.84 -0.70	49.77 3.91 -0.46	55.00 3.90 0.21	63.04 4.61 -0.01	64.10 3.74 -0.01	61.35 3.29 0.64	56.18 2.13 0.62	50.62 1.73 0.43	45.78 1.59 0.00	42.56 3.32 -0.11
HOLTSVILLE_IC_2 23691	45.81 3.20 -0.01	41.07 3.25 -0.01	34.89 2.44 0.00	33.93 2.13 0.00	33.43 2.04 0.00	33.37 1.83 0.00	33.48 1.77 0.00	31.80 1.77 0.00	32.28 2.22 0.00	32.13 2.57 0.00	33.09 2.84 -0.01	41.98 2.97 -6.72	42.95 3.27 -4.09	43.52 3.69 -0.62	45.44 3.47 -0.70	49.42 3.50 -0.52	54.74 3.49 0.07	62.45 4.03 0.00	63.55 3.20 0.00	60.96 2.76 0.51	55.89 1.70 0.48	50.33 1.33 0.33	45.47 1.28 0.00	42.33 3.09 -0.11
HOLTSVILLE_IC_3 23692	45.81 3.20 -0.01	41.07 3.25 -0.01	34.89 2.44 0.00	33.93 2.13 0.00	33.43 2.04 0.00	33.37 1.83 0.00	33.48 1.77 0.00	31.80 1.77 0.00	32.28 2.22 0.00	32.13 2.57 0.00	33.09 2.84 -0.01	41.98 2.97 -6.72	42.95 3.27 -4.09	43.52 3.69 -0.62	45.44 3.47 -0.70	49.42 3.50 -0.52	54.74 3.49 0.07	62.45 4.03 0.00	63.55 3.20 0.00	60.96 2.76 0.51	55.89 1.70 0.48	50.33 1.33 0.33	45.47 1.28 0.00	42.33 3.09 -0.11
HOLTSVILLE_IC_4 23693	45.81 3.20 -0.01	41.07 3.25 -0.01	34.89 2.44 0.00	33.93 2.13 0.00	33.43 2.04 0.00	33.37 1.83 0.00	33.48 1.77 0.00	31.80 1.77 0.00	32.28 2.22 0.00	32.13 2.57 0.00	33.09 2.84 -0.01	41.98 2.97 -6.72	42.95 3.27 -4.09	43.52 3.69 -0.62	45.44 3.47 -0.70	49.42 3.50 -0.52	54.74 3.49 0.07	62.45 4.03 0.00	63.55 3.20 0.00	60.96 2.76 0.51	55.89 1.70 0.48	50.33 1.33 0.33	45.47 1.28 0.00	42.33 3.09 -0.11
HOLTSVILLE_IC_5 23694	45.81 3.20 -0.01	41.07 3.25 -0.01	34.89 2.44 0.00	33.93 2.13 0.00	33.43 2.04 0.00	33.37 1.83 0.00	33.48 1.77 0.00	31.80 1.77 0.00	32.28 2.22 0.00	32.13 2.57 0.00	33.09 2.84 -0.01	41.98 2.97 -6.72	42.95 3.27 -4.09	43.52 3.69 -0.62	45.44 3.47 -0.70	49.42 3.50 -0.52	54.74 3.49 0.07	62.45 4.03 0.00	63.55 3.20 0.00	60.96 2.76 0.51	55.89 1.70 0.48	50.33 1.33 0.33	45.47 1.28 0.00	42.33 3.09 -0.11
HOLTSVILLE_IC_6 23695	46.06 3.45 -0.01	41.26 3.44 -0.01	35.05 2.60 0.00	34.06 2.26 0.00	33.59 2.20 0.00	33.50 1.96 0.00	33.61 1.90 0.00	31.95 1.92 0.00	32.43 2.37 0.00	32.28 2.72 0.00	33.27 3.02 -0.01	42.18 3.17 -6.72	43.24 3.56 -4.10	43.80 3.96 -0.62	45.81 3.84 -0.70	49.77 3.91 -0.46	55.00 3.90 0.21	63.04 4.61 -0.01	64.10 3.74 -0.01	61.35 3.29 0.64	56.18 2.13 0.62	50.62 1.73 0.43	45.78 1.59 0.00	42.56 3.32 -0.11
HOLTSVILLE_IC_7 23696	46.06 3.45 -0.01	41.26 3.44 -0.01	35.05 2.60 0.00	34.06 2.26 0.00	33.59 2.20 0.00	33.50 1.96 0.00	33.61 1.90 0.00	31.95 1.92 0.00	32.43 2.37 0.00	32.28 2.72 0.00	33.27 3.02 -0.01	42.18 3.17 -6.72	43.24 3.56 -4.10	43.80 3.96 -0.62	45.81 3.84 -0.70	49.77 3.91 -0.46	55.00 3.90 0.21	63.04 4.61 -0.01	64.10 3.74 -0.01	61.35 3.29 0.64	56.18 2.13 0.62	50.62 1.73 0.43	45.78 1.59 0.00	42.56 3.32 -0.11
HOLTSVILLE_IC_8 23697	46.06 3.45 -0.01	41.26 3.44 -0.01	35.05 2.60 0.00	34.06 2.26 0.00	33.59 2.20 0.00	33.50 1.96 0.00	33.61 1.90 0.00	31.95 1.92 0.00	32.43 2.37 0.00	32.28 2.72 0.00	33.27 3.02 -0.01	42.18 3.17 -6.72	43.24 3.56 -4.10	43.80 3.96 -0.62	45.81 3.84 -0.70	49.77 3.91 -0.46	55.00 3.90 0.21	63.04 4.61 -0.01	64.10 3.74 -0.01	61.35 3.29 0.64	56.18 2.13 0.62	50.62 1.73 0.43	45.78 1.59 0.00	42.56 3.32 -0.11
HOLTSVILLE_IC_9 23698	46.06 3.45 -0.01	41.26 3.44 -0.01	35.05 2.60 0.00	34.06 2.26 0.00	33.59 2.20 0.00	33.50 1.96 0.00	33.61 1.90 0.00	31.95 1.92 0.00	32.43 2.37 0.00	32.28 2.72 0.00	33.27 3.02 -0.01	42.18 3.17 -6.72	43.24 3.56 -4.10	43.80 3.96 -0.62	45.81 3.84 -0.70	49.77 3.91 -0.46	55.00 3.90 0.21	63.04 4.61 -0.01	64.10 3.74 -0.01	61.35 3.29 0.64	56.18 2.13 0.62	50.62 1.73 0.43	45.78 1.59 0.00	42.56 3.32 -0.11
HOMER_HL_115KV_TB2 355744	42.01 -0.60 0.00	38.68 0.87 0.00	33.13 0.68 0.00	31.58 -0.22 0.00	31.42 0.03 0.00	31.64 0.09 0.00	31.20 -0.51 0.00	29.70 -0.33 0.00	29.97 -0.09 0.00	29.62 0.06 0.00	30.64 0.39 0.00	32.55 0.26 0.00	36.47 0.89 0.00	40.35 1.14 0.00	42.26 0.99 0.00	46.09 0.68 0.00	52.50 1.18 0.00	60.00 1.58 0.00	62.41 2.05 0.00	60.00 1.29 0.00	55.32 0.66 0.00	50.31 0.99 0.00	44.41 0.22 0.00	39.01 -0.12 0.00
HOWARD_WT_PWR 323690	43.24 0.64 0.00	39.47 1.66 0.00	33.82 1.36 0.00	32.56 0.76 0.00	32.21 0.81 0.00	32.46 0.92 0.00	32.06 0.35 0.00	30.27 0.24 0.00	30.24 0.18 0.00	29.68 0.12 0.00	30.61 0.36 0.00	32.61 0.32 0.00	36.43 0.85 0.00	40.27 1.06 0.00	42.25 0.99 0.00	46.18 0.77 0.00	52.39 1.08 0.00	60.05 1.63 0.00	62.89 2.53 0.00	61.29 2.58 0.00	56.86 2.19 0.00	51.69 2.37 0.00	45.83 1.64 0.00	40.34 1.21 0.00
HQ_GEN_CEDARS 23644	43.16 0.55 0.00	37.74 -0.08 0.00	32.39 -0.06 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	32.03 0.32 0.00	30.36 0.33 0.00	30.36 0.30 0.00	29.77 0.21 0.00	30.39 0.15 0.00	32.48 0.19 0.00	35.69 0.11 0.00	39.25 0.04 0.00	41.39 0.12 0.00	45.59 0.18 0.00	51.47 0.15 0.00	58.30 -0.12 0.00	60.35 0.00 0.00	58.82 0.12 0.00	54.94 0.27 0.00	49.77 0.44 0.00	44.63 0.44 0.00	39.56 0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	43.16 0.55 0.00	37.74 -0.08 0.00	32.39 -0.06 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	31.98 0.32 0.00	30.41 0.33 -0.05	30.36 0.30 0.00	29.77 0.21 0.00	30.39 0.15 0.00	32.49 0.19 0.00	35.69 0.11 0.00	39.25 0.04 0.00	41.39 0.12 0.00	45.59 0.18 0.00	51.52 0.21 0.00	58.30 -0.12 0.00	60.35 0.00 0.00	58.82 0.12 0.00	55.10 0.44 0.00	49.77 0.44 0.00	44.74 0.44 -0.11	39.45 0.43 0.11

HQ_GEN_IMPORT 323601	42.56 -0.04 0.00	37.43 -0.38 0.00	32.13 -0.32 0.00	31.48 -0.32 0.00	31.08 -0.31 0.00	31.23 -0.32 0.00	31.60 -0.06 0.05	30.05 -0.03 -0.05	30.00 -0.06 0.00	29.47 -0.09 0.00	30.12 -0.12 0.00	32.19 -0.10 0.00	35.44 -0.14 0.00	39.02 -0.20 0.00	41.10 -0.16 0.00	45.27 -0.14 0.00	51.16 -0.15 0.00	58.19 -0.23 0.00	60.11 -0.24 0.00	58.53 -0.18 0.00	54.61 -0.05 0.00	49.22 -0.10 0.00	44.21 -0.09 -0.11	38.94 -0.08 0.11
HQ_GEN_WHEEL 23651	42.56 -0.04 0.00	37.43 -0.38 0.00	32.13 -0.32 0.00	31.48 -0.32 0.00	31.08 -0.31 0.00	31.23 -0.32 0.00	31.60 -0.06 0.05	30.05 -0.03 -0.05	30.00 -0.06 0.00	29.47 -0.09 0.00	30.12 -0.12 0.00	32.19 -0.10 0.00	35.44 -0.14 0.00	39.02 -0.20 0.00	41.10 -0.16 0.00	45.27 -0.14 0.00	51.16 -0.15 0.00	58.19 -0.23 0.00	60.11 -0.24 0.00	58.53 -0.18 0.00	54.61 -0.05 0.00	49.22 -0.10 0.00	44.21 -0.09 -0.11	38.94 -0.08 0.11
HUDSON AVE_GT_3 23810	45.16 2.56 0.00	40.27 2.46 0.00	34.53 2.08 0.00	33.71 1.91 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.72 2.16 0.00	32.54 2.30 0.00	34.84 2.52 -0.03	38.61 2.74 -0.29	42.94 3.14 -0.59	45.27 3.30 -0.70	49.87 3.72 -0.75	55.52 3.75 -0.46	62.33 3.91 0.00	63.79 3.44 0.00	61.76 3.05 0.00	57.51 2.84 0.00	51.54 2.22 0.00	46.58 2.39 0.00	41.58 2.35 -0.10
HUDSON AVE_GT_4 23540	45.16 2.56 0.00	40.27 2.46 0.00	34.53 2.08 0.00	33.71 1.91 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.72 2.16 0.00	32.54 2.30 0.00	34.84 2.52 -0.03	38.61 2.74 -0.29	42.94 3.14 -0.59	45.27 3.30 -0.70	49.87 3.72 -0.75	55.52 3.75 -0.46	62.33 3.91 0.00	63.79 3.44 0.00	61.76 3.05 0.00	57.51 2.84 0.00	51.54 2.22 0.00	46.58 2.39 0.00	41.58 2.35 -0.10
HUDSON AVE_GT_5 23657	45.16 2.56 0.00	40.27 2.46 0.00	34.53 2.08 0.00	33.71 1.91 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.72 2.16 0.00	32.54 2.30 0.00	34.84 2.52 -0.03	38.61 2.74 -0.29	42.94 3.14 -0.59	45.27 3.30 -0.70	49.87 3.72 -0.75	55.52 3.75 -0.46	62.33 3.91 0.00	63.79 3.44 0.00	61.76 3.05 0.00	57.51 2.84 0.00	51.54 2.22 0.00	46.58 2.39 0.00	41.58 2.35 -0.10
HUDSON_AVE_10 24168	45.07 2.47 0.00	40.16 2.34 0.00	34.47 2.01 0.00	33.64 1.84 0.00	33.09 1.70 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.98 1.92 0.00	31.69 2.13 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	62.22 3.80 0.00	63.61 3.26 0.00	61.58 2.88 0.00	57.40 2.73 0.00	51.39 2.07 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
HUDSON___115KV_TB 4 355613	43.97 1.36 0.00	39.25 1.44 0.00	33.75 1.30 0.00	33.17 1.37 0.00	32.68 1.29 0.00	32.80 1.26 0.00	32.72 1.01 0.00	30.81 0.78 0.00	30.75 0.69 0.00	30.18 0.62 0.00	30.67 0.42 0.00	32.82 0.55 0.02	35.96 0.53 0.15	39.34 0.43 0.31	41.39 0.50 0.37	45.69 0.68 0.39	51.89 0.82 0.24	59.30 0.88 0.00	61.20 0.84 0.00	59.65 0.94 0.00	55.71 1.04 0.00	50.31 0.99 0.00	45.16 0.97 0.00	39.97 0.90 0.05
HUNTER MOUNT___DRP 323613	44.09 1.49 0.00	39.32 1.51 0.00	33.82 1.36 0.00	33.20 1.40 0.00	32.74 1.35 0.00	32.87 1.32 0.00	32.76 1.05 0.00	30.81 0.78 0.00	30.72 0.66 0.00	30.09 0.53 0.00	30.55 0.30 0.00	32.76 0.48 0.01	36.02 0.53 0.10	39.49 0.47 0.19	41.61 0.58 0.23	45.98 0.82 0.25	52.24 1.08 0.15	59.41 0.99 0.00	61.38 1.03 0.00	59.94 1.23 0.00	55.92 1.26 0.00	50.56 1.23 0.00	45.34 1.15 0.00	40.27 1.17 0.03
HUNTINGTON_RES_REC 323705	45.59 2.98 -0.01	40.85 3.03 -0.01	34.76 2.30 0.00	33.77 1.97 0.00	33.27 1.88 0.00	33.21 1.67 0.00	33.29 1.58 0.00	31.65 1.62 0.00	32.13 2.07 0.00	31.99 2.42 0.00	32.94 2.69 -0.01	41.85 2.84 -6.72	42.77 3.09 -4.10	43.29 3.45 -0.62	45.27 3.30 -0.70	48.52 3.36 0.25	52.76 3.39 1.94	61.93 3.91 0.40	63.10 3.08 0.33	59.06 2.64 2.29	54.40 1.53 1.80	49.26 1.18 1.24	45.34 1.15 0.00	42.13 2.90 -0.11
HUNTLEY___63 23557	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.18 0.38 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.61 -0.10 0.00	29.67 -0.36 0.00	29.97 -0.09 0.00	29.56 0.00 0.00	30.42 0.18 0.00	32.32 0.03 0.00	36.33 0.75 0.00	40.20 0.98 0.00	41.97 0.70 0.00	45.59 0.18 0.00	51.88 0.56 0.00	59.30 0.88 0.00	61.68 1.33 0.00	59.65 0.94 0.00	55.05 0.38 0.00	50.31 0.99 0.00	44.41 0.22 0.00	39.32 0.20 0.00
HUNTLEY___64 23558	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.18 0.38 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.61 -0.10 0.00	29.67 -0.36 0.00	29.97 -0.09 0.00	29.56 0.00 0.00	30.42 0.18 0.00	32.32 0.03 0.00	36.33 0.75 0.00	40.20 0.98 0.00	41.97 0.70 0.00	45.59 0.18 0.00	51.88 0.56 0.00	59.30 0.88 0.00	61.68 1.33 0.00	59.65 0.94 0.00	55.05 0.38 0.00	50.31 0.99 0.00	44.41 0.22 0.00	39.32 0.20 0.00
HUNTLEY___65 23559	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.18 0.38 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.61 -0.10 0.00	29.67 -0.36 0.00	29.97 -0.09 0.00	29.56 0.00 0.00	30.42 0.18 0.00	32.32 0.03 0.00	36.33 0.75 0.00	40.20 0.98 0.00	41.97 0.70 0.00	45.59 0.18 0.00	51.88 0.56 0.00	59.30 0.88 0.00	61.68 1.33 0.00	59.65 0.94 0.00	55.05 0.38 0.00	50.31 0.99 0.00	44.41 0.22 0.00	39.32 0.20 0.00
HUNTLEY___66 23560	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.18 0.38 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.61 -0.10 0.00	29.67 -0.36 0.00	29.97 -0.09 0.00	29.56 0.00 0.00	30.42 0.18 0.00	32.32 0.03 0.00	36.33 0.75 0.00	40.20 0.98 0.00	41.97 0.70 0.00	45.59 0.18 0.00	51.88 0.56 0.00	59.30 0.88 0.00	61.68 1.33 0.00	59.65 0.94 0.00	55.05 0.38 0.00	50.31 0.99 0.00	44.41 0.22 0.00	39.32 0.20 0.00
HUNTLEY___67 23561	42.31 -0.30 0.00	39.14 1.32 0.00	33.49 1.04 0.00	31.90 0.10 0.00	31.71 0.31 0.00	31.92 0.38 0.00	31.42 -0.29 0.00	29.58 -0.45 0.00	29.85 -0.21 0.00	29.44 -0.12 0.00	30.33 0.09 0.00	32.23 -0.06 0.00	36.22 0.64 0.00	40.04 0.82 0.00	41.84 0.58 0.00	45.45 0.05 0.00	51.67 0.36 0.00	59.06 0.64 0.00	61.44 1.09 0.00	59.41 0.70 0.00	54.83 0.16 0.00	50.11 0.79 0.00	44.24 0.04 0.00	39.16 0.04 0.00
HUNTLEY___68 23562	42.31 -0.30 0.00	39.14 1.32 0.00	33.49 1.04 0.00	31.90 0.10 0.00	31.71 0.31 0.00	31.92 0.38 0.00	31.42 -0.29 0.00	29.58 -0.45 0.00	29.85 -0.21 0.00	29.44 -0.12 0.00	30.33 0.09 0.00	32.23 -0.06 0.00	36.22 0.64 0.00	40.04 0.82 0.00	41.84 0.58 0.00	45.45 0.05 0.00	51.67 0.36 0.00	59.06 0.64 0.00	61.44 1.09 0.00	59.41 0.70 0.00	54.83 0.16 0.00	50.11 0.79 0.00	44.24 0.04 0.00	39.16 0.04 0.00

HYLAND___LFGE 323620	44.82 2.21 0.00	40.80 2.99 0.00	34.89 2.44 0.00	33.61 1.81 0.00	33.24 1.85 0.00	33.43 1.89 0.00	32.94 1.24 0.00	30.81 0.78 0.00	30.45 0.39 0.00	29.71 0.15 0.00	30.43 0.18 0.00	32.36 0.06 0.00	36.08 0.50 0.00	39.88 0.67 0.00	41.97 0.70 0.00	45.81 0.41 0.00	52.29 0.97 0.00	60.41 1.99 0.00	64.04 3.68 0.00	63.34 4.64 0.00	59.04 4.38 0.00	53.71 4.39 0.00	47.51 3.32 0.00	41.71 2.58 0.00
INDECK___CORINTH 23802	43.71 1.11 0.00	38.87 1.06 0.00	33.30 0.84 0.00	32.72 0.92 0.00	32.24 0.85 0.00	32.36 0.82 0.00	32.21 0.51 0.00	31.23 1.20 0.00	31.17 1.11 0.00	30.60 1.03 0.00	30.94 0.70 0.00	33.04 0.77 0.03	36.01 0.67 0.25	39.42 0.71 0.50	41.41 0.74 0.60	44.54 -0.23 0.64	50.57 -0.36 0.39	58.54 0.12 0.00	61.08 0.73 0.00	59.64 0.94 0.00	55.98 1.31 0.00	50.70 1.38 0.00	45.47 1.28 0.00	39.97 0.94 0.09
INDECK___ILION 23567	42.73 0.13 0.00	38.00 0.19 0.00	32.58 0.13 0.00	31.96 0.16 0.00	31.55 0.16 0.00	31.76 0.22 0.00	31.84 0.13 0.00	30.12 0.09 0.00	30.15 0.09 0.00	29.62 0.06 0.00	30.24 0.00 0.00	32.29 0.00 0.00	35.51 -0.07 0.00	39.14 -0.08 0.00	41.18 -0.08 0.00	45.36 -0.05 0.00	51.26 -0.05 0.00	58.42 0.00 0.00	60.47 0.12 0.00	58.82 0.12 0.00	54.83 0.16 0.00	49.52 0.20 0.00	44.37 0.18 0.00	39.28 0.16 0.00
INDECK___OLEAN 23982	42.05 -0.56 0.00	38.68 0.87 0.00	33.14 0.68 0.00	31.74 -0.06 0.00	31.42 0.03 0.00	31.67 0.13 0.00	31.20 -0.51 0.00	29.76 -0.27 0.00	29.97 -0.09 0.00	29.62 0.06 0.00	30.64 0.39 0.00	32.55 0.26 0.00	36.47 0.89 0.00	40.35 1.14 0.00	42.25 0.99 0.00	46.13 0.72 0.00	52.39 1.08 0.00	60.05 1.63 0.00	62.46 2.11 0.00	60.06 1.35 0.00	55.38 0.71 0.00	50.31 0.99 0.00	44.41 0.22 0.00	39.01 -0.12 0.00
INDECK___OSWEGO 23783	44.31 -0.98 -2.69	39.69 -0.68 -2.56	32.41 -0.62 -0.58	31.13 -0.67 0.00	30.76 -0.63 0.00	31.13 -0.63 -0.22	31.14 -0.79 -0.22	29.28 -0.75 0.00	29.31 -0.75 0.00	28.79 -0.77 0.00	29.49 -0.75 0.00	31.48 -0.81 0.00	34.76 -0.82 0.00	38.32 -0.90 0.00	40.24 -1.03 0.00	44.22 -1.18 0.00	50.08 -1.23 0.00	57.13 -1.29 0.00	59.20 -1.15 0.00	57.71 -1.00 0.00	53.63 -1.04 0.00	53.10 -0.89 -4.67	43.35 -0.84 0.00	38.30 -0.82 0.00
INDECK___YERKES 23781	42.60 0.00 0.00	39.44 1.62 0.00	33.75 1.30 0.00	32.28 0.48 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.65 -0.06 0.00	29.76 -0.27 0.00	30.00 -0.06 0.00	29.59 0.03 0.00	30.46 0.21 0.00	32.36 0.06 0.00	36.36 0.78 0.00	40.23 1.02 0.00	42.01 0.74 0.00	45.68 0.27 0.00	51.83 0.51 0.00	59.41 0.99 0.00	61.80 1.45 0.00	59.76 1.06 0.00	55.16 0.49 0.00	50.36 1.04 0.00	44.46 0.27 0.00	39.36 0.24 0.00
INDIAN POINT_GT_1 24139	44.61 2.00 0.00	39.78 1.97 0.00	34.11 1.66 0.00	33.39 1.59 0.00	32.87 1.48 0.00	33.02 1.48 0.00	33.04 1.33 0.00	31.38 1.35 0.00	31.59 1.53 0.00	31.25 1.69 0.00	32.09 1.84 0.00	34.29 1.97 -0.03	38.03 2.17 -0.28	42.26 2.47 -0.57	44.51 2.56 -0.69	49.04 2.91 -0.73	54.74 2.98 -0.45	61.63 3.21 0.00	63.13 2.78 0.00	61.11 2.41 0.00	56.85 2.19 0.00	51.00 1.68 0.00	46.00 1.81 0.00	41.07 1.84 -0.10
INDIAN POINT_GT_2 23659	44.61 2.00 0.00	39.78 1.97 0.00	34.11 1.66 0.00	33.39 1.59 0.00	32.87 1.48 0.00	33.02 1.48 0.00	33.04 1.33 0.00	31.38 1.35 0.00	31.59 1.53 0.00	31.25 1.69 0.00	32.09 1.84 0.00	34.29 1.97 -0.03	38.03 2.17 -0.28	42.26 2.47 -0.57	44.51 2.56 -0.69	49.04 2.91 -0.73	54.74 2.98 -0.45	61.63 3.21 0.00	63.13 2.78 0.00	61.11 2.41 0.00	56.85 2.19 0.00	51.00 1.68 0.00	46.00 1.81 0.00	41.07 1.84 -0.10
INDIAN POINT_GT_3 24019	44.61 2.00 0.00	39.78 1.97 0.00	34.11 1.66 0.00	33.39 1.59 0.00	32.87 1.48 0.00	33.02 1.48 0.00	33.04 1.33 0.00	31.38 1.35 0.00	31.59 1.53 0.00	31.25 1.69 0.00	32.09 1.84 0.00	34.29 1.97 -0.03	38.03 2.17 -0.28	42.26 2.47 -0.57	44.51 2.56 -0.69	49.04 2.91 -0.73	54.74 2.98 -0.45	61.63 3.21 0.00	63.13 2.78 0.00	61.11 2.41 0.00	56.85 2.19 0.00	51.00 1.68 0.00	46.00 1.81 0.00	41.07 1.84 -0.10
INDIAN POINT___2 23530	44.56 1.96 0.00	39.74 1.93 0.00	34.07 1.62 0.00	33.33 1.53 0.00	32.84 1.44 0.00	32.96 1.42 0.00	33.01 1.30 0.00	31.35 1.32 0.00	31.56 1.50 0.00	31.22 1.65 0.00	32.09 1.85 0.00	34.29 1.97 -0.03	37.99 2.13 -0.27	42.20 2.43 -0.56	44.49 2.56 -0.67	48.98 2.86 -0.71	54.68 2.92 -0.44	61.51 3.09 0.00	63.07 2.72 0.00	61.06 2.35 0.00	56.69 2.02 0.00	50.95 1.63 0.00	45.96 1.77 0.00	40.99 1.76 -0.10
INDIAN POINT___3 23531	44.52 1.92 0.00	39.70 1.89 0.00	34.08 1.62 0.00	33.36 1.56 0.00	32.84 1.44 0.00	32.99 1.45 0.00	33.01 1.30 0.00	31.38 1.35 0.00	31.56 1.50 0.00	31.22 1.66 0.00	32.06 1.81 0.00	34.26 1.94 -0.03	37.96 2.10 -0.28	42.22 2.43 -0.58	44.47 2.52 -0.69	48.95 2.82 -0.73	54.64 2.87 -0.45	61.52 3.10 0.00	63.01 2.66 0.00	61.00 2.29 0.00	56.74 2.08 0.00	50.95 1.63 0.00	45.92 1.72 0.00	40.99 1.76 -0.10
INGHAM_C_115KV_TB7 356103	42.56 -0.04 0.00	37.85 0.04 0.00	32.45 0.00 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.64 0.09 0.00	31.71 0.00 0.00	30.03 0.00 0.00	30.03 -0.03 0.00	29.47 -0.09 0.00	30.06 -0.18 0.00	32.10 -0.19 0.00	35.22 -0.36 0.00	38.82 -0.39 0.00	40.85 -0.41 0.00	44.95 -0.45 0.00	50.85 -0.46 0.00	57.95 -0.47 0.00	60.05 -0.30 0.00	58.47 -0.23 0.00	54.50 -0.16 0.00	49.32 0.00 0.00	44.28 0.09 0.00	39.20 0.08 0.00
IP CORINTH___1 23988	43.92 1.32 0.00	39.06 1.25 0.00	33.49 1.04 0.00	32.91 1.11 0.00	32.40 1.00 0.00	32.52 0.98 0.00	32.37 0.67 0.00	31.23 1.20 0.00	31.17 1.11 0.00	30.60 1.03 0.00	30.94 0.70 0.00	33.04 0.77 0.03	36.01 0.68 0.25	39.42 0.71 0.50	41.41 0.74 0.60	44.77 0.00 0.64	50.92 0.00 0.39	58.89 0.47 0.00	61.44 1.09 0.00	60.00 1.29 0.00	56.31 1.64 0.00	50.95 1.63 0.00	45.74 1.55 0.00	40.17 1.13 0.09
IP___TICONDEROGA 23804	44.69 2.09 0.00	39.59 1.78 0.00	33.82 1.36 0.00	33.26 1.46 0.00	32.71 1.32 0.00	32.83 1.29 0.00	32.41 0.70 0.00	31.02 0.99 0.00	30.96 0.90 0.00	30.30 0.74 0.00	30.58 0.33 0.00	32.72 0.45 0.03	35.55 0.21 0.25	38.95 0.24 0.50	40.83 0.17 0.60	44.45 -0.32 0.64	50.87 -0.05 0.39	59.47 1.05 0.00	62.35 1.99 0.00	61.11 2.41 0.00	57.62 2.95 0.00	52.43 3.11 0.00	46.93 2.74 0.00	40.88 1.84 0.09
ISLIP_RES_REC 323679	46.32 3.70 -0.01	41.49 3.67 -0.01	35.24 2.79 0.00	34.22 2.42 0.00	33.75 2.36 0.00	33.66 2.11 0.00	33.77 2.06 0.00	32.10 2.07 0.00	32.58 2.53 0.00	32.46 2.90 0.00	33.49 3.24 -0.01	42.40 3.39 -6.72	43.49 3.81 -4.10	44.12 4.28 -0.63	46.14 4.17 -0.70	50.15 4.27 -0.48	55.58 4.41 0.15	63.57 5.14 -0.01	64.65 4.29 -0.01	61.89 3.76 0.58	56.63 2.57 0.60	50.98 2.07 0.42	46.09 1.90 0.00	42.80 3.56 -0.11

JAMAICA__27_KV_LOAD 355505	45.37 2.77 0.00	40.42 2.61 0.00	34.69 2.24 0.00	33.80 2.00 0.00	33.24 1.85 0.00	33.43 1.89 0.00	33.55 1.84 0.00	31.95 1.92 0.00	32.22 2.16 0.00	31.93 2.36 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.64 2.78 -0.29	42.98 3.18 -0.59	45.35 3.38 -0.70	50.01 3.86 -0.75	55.68 3.90 -0.46	62.63 4.21 0.00	63.97 3.62 0.00	62.05 3.35 0.00	57.78 3.12 0.00	51.69 2.37 0.00	46.93 2.74 0.00	41.81 2.58 -0.10
JANIS__SOLAR 323808	44.18 1.58 0.00	39.59 1.78 0.00	33.91 1.46 0.00	33.04 1.24 0.00	32.74 1.35 0.00	32.99 1.45 0.00	32.85 1.14 0.00	30.99 0.96 0.00	30.75 0.69 0.00	29.98 0.41 0.00	30.61 0.36 0.00	32.68 0.39 0.00	36.04 0.46 0.00	39.69 0.47 0.00	41.84 0.58 0.00	46.04 0.64 0.00	52.54 1.23 0.00	60.41 1.99 0.00	63.43 3.08 0.00	62.05 3.34 0.00	57.78 3.11 0.00	52.18 2.86 0.00	46.49 2.30 0.00	41.00 1.88 0.00
JARVIS____ 23743	42.73 0.13 0.00	38.00 0.19 0.00	32.62 0.16 0.00	31.96 0.16 0.00	31.58 0.19 0.00	31.73 0.19 0.00	31.84 0.13 0.00	30.12 0.09 0.00	30.15 0.09 0.00	29.65 0.09 0.00	30.33 0.09 0.00	32.39 0.10 0.00	35.65 0.07 0.00	39.29 0.08 0.00	41.35 0.08 0.00	45.50 0.09 0.00	51.42 0.10 0.00	58.60 0.18 0.00	60.54 0.18 0.00	58.82 0.12 0.00	54.78 0.11 0.00	49.42 0.10 0.00	44.32 0.13 0.00	39.24 0.12 0.00
JENNISON____1 23625	44.44 1.83 0.00	39.82 2.00 0.00	34.08 1.62 0.00	33.26 1.46 0.00	32.99 1.60 0.00	33.28 1.73 0.00	33.10 1.40 0.00	31.29 1.26 0.00	31.17 1.11 0.00	30.48 0.92 0.00	31.18 0.94 0.00	33.36 1.07 0.00	36.72 1.14 0.00	40.47 1.25 0.00	42.67 1.40 0.00	46.90 1.50 0.00	53.47 2.16 0.00	61.22 2.80 0.00	63.97 3.62 0.00	62.35 3.64 0.00	58.06 3.39 0.00	52.43 3.11 0.00	46.71 2.52 0.00	41.20 2.07 0.00
JENNISON____2 23626	44.44 1.83 0.00	39.82 2.00 0.00	34.08 1.62 0.00	33.26 1.46 0.00	32.99 1.60 0.00	33.28 1.73 0.00	33.10 1.40 0.00	31.29 1.26 0.00	31.17 1.11 0.00	30.48 0.92 0.00	31.18 0.94 0.00	33.36 1.07 0.00	36.72 1.14 0.00	40.47 1.25 0.00	42.67 1.40 0.00	46.90 1.50 0.00	53.47 2.16 0.00	61.22 2.80 0.00	63.97 3.62 0.00	62.35 3.64 0.00	58.06 3.39 0.00	52.43 3.11 0.00	46.71 2.52 0.00	41.20 2.07 0.00
JERICOHO_RISE_WT_PWR 323719	42.69 0.09 0.00	37.43 -0.38 0.00	32.16 -0.29 0.00	31.51 -0.29 0.00	31.11 -0.28 0.00	31.26 -0.28 0.00	31.77 0.06 0.00	30.12 0.09 0.00	30.09 0.03 0.00	29.47 -0.09 0.00	30.06 -0.18 0.00	32.13 -0.16 0.00	35.33 -0.25 0.00	38.90 -0.32 0.00	40.98 -0.29 0.00	45.18 -0.23 0.00	51.11 -0.20 0.00	58.13 -0.29 0.00	60.23 -0.12 0.00	58.82 0.12 0.00	54.94 0.27 0.00	49.47 0.15 0.00	44.28 0.09 0.00	39.24 0.12 0.00
KATONAH__115KV_46KV_TB4 355592	44.82 2.22 0.00	39.97 2.16 0.00	34.24 1.78 0.00	33.55 1.75 0.00	33.02 1.63 0.00	33.18 1.64 0.00	33.20 1.49 0.00	31.50 1.47 0.00	31.71 1.65 0.00	31.36 1.80 0.00	32.21 1.97 0.00	34.35 2.03 -0.03	38.11 2.24 -0.29	42.43 2.63 -0.59	44.69 2.72 -0.70	49.24 3.09 -0.75	55.06 3.28 -0.46	62.04 3.62 0.00	63.49 3.14 0.00	61.52 2.82 0.00	57.18 2.51 0.00	51.34 2.02 0.00	46.27 2.08 0.00	41.23 2.00 -0.10
KCE_NY_1 323755	44.26 1.66 0.00	39.44 1.62 0.00	33.85 1.39 0.00	33.23 1.43 0.00	32.77 1.38 0.00	32.90 1.36 0.00	32.79 1.08 0.00	31.11 1.08 0.00	31.08 1.02 0.00	30.51 0.95 0.00	31.03 0.79 0.00	33.14 0.87 0.03	36.17 0.85 0.26	39.62 0.94 0.53	41.62 0.99 0.64	45.73 1.00 0.68	52.03 1.13 0.42	60.00 1.58 0.00	62.16 1.81 0.00	60.58 1.88 0.00	56.63 1.97 0.00	51.24 1.92 0.00	45.96 1.77 0.00	40.44 1.41 0.09
KCE_NY_6_ESR 323823	42.69 0.09 0.00	39.44 1.62 0.00	33.75 1.30 0.00	32.31 0.51 0.00	31.96 0.57 0.00	32.20 0.66 0.00	31.65 -0.06 0.00	29.91 -0.12 0.00	30.15 0.09 0.00	29.74 0.18 0.00	30.67 0.42 0.00	32.58 0.29 0.00	36.58 0.99 0.00	40.47 1.25 0.00	42.30 1.03 0.00	46.04 0.64 0.00	52.29 0.97 0.00	59.88 1.46 0.00	62.28 1.93 0.00	60.17 1.47 0.00	55.54 0.87 0.00	50.65 1.33 0.00	44.72 0.53 0.00	39.52 0.39 0.00
KEDC_PORT_JEFF_GT2 24210	45.94 3.33 -0.01	41.18 3.36 -0.01	34.99 2.53 0.00	33.99 2.19 0.00	33.49 2.10 0.00	33.43 1.89 0.00	33.55 1.84 0.00	31.86 1.83 0.00	32.34 2.28 0.00	32.22 2.66 0.00	33.18 2.93 -0.01	42.11 3.10 -6.72	43.13 3.45 -4.10	43.72 3.88 -0.62	45.68 3.72 -0.70	49.49 3.68 -0.41	54.62 3.64 0.34	62.69 4.26 0.00	63.73 3.38 0.00	60.88 2.93 0.76	55.78 1.80 0.69	50.33 1.48 0.48	45.69 1.50 0.00	42.45 3.21 -0.11
KEDC_PORT_JEFF_GT3 24211	45.94 3.33 -0.01	41.18 3.36 -0.01	34.99 2.53 0.00	33.99 2.19 0.00	33.49 2.10 0.00	33.43 1.89 0.00	33.55 1.84 0.00	31.86 1.83 0.00	32.34 2.28 0.00	32.22 2.66 0.00	33.18 2.93 -0.01	42.11 3.10 -6.72	43.13 3.45 -4.10	43.72 3.88 -0.62	45.68 3.72 -0.70	49.49 3.68 -0.41	54.62 3.64 0.34	62.69 4.26 0.00	63.73 3.38 0.00	60.88 2.93 0.76	55.78 1.80 0.69	50.33 1.48 0.48	45.69 1.50 0.00	42.45 3.21 -0.11
KEDC_GLWD_GT4 24219	45.51 2.90 -0.01	40.62 2.80 -0.01	34.69 2.24 0.00	33.84 2.04 0.00	33.31 1.92 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.77 1.74 0.00	32.10 2.04 0.00	31.87 2.31 0.00	32.79 2.54 -0.01	41.73 2.71 -6.72	42.84 2.99 -4.27	43.35 3.41 -0.73	45.55 3.55 -0.73	49.96 3.81 -0.75	55.73 3.95 -0.46	62.39 3.97 0.00	63.73 3.38 0.00	61.64 2.93 0.00	57.35 2.68 0.00	51.54 2.22 0.00	46.31 2.12 0.00	41.90 2.66 -0.11
KEDC_GLWD_GT5 24220	45.51 2.90 -0.01	40.62 2.80 -0.01	34.69 2.24 0.00	33.84 2.04 0.00	33.31 1.92 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.77 1.74 0.00	32.10 2.04 0.00	31.87 2.31 0.00	32.79 2.54 -0.01	41.73 2.71 -6.72	42.84 2.99 -4.27	43.35 3.41 -0.73	45.55 3.55 -0.73	49.96 3.81 -0.75	55.73 3.95 -0.46	62.39 3.97 0.00	63.73 3.38 0.00	61.64 2.93 0.00	57.35 2.68 0.00	51.54 2.22 0.00	46.31 2.12 0.00	41.90 2.66 -0.11
KENSICO____ 23655	44.73 2.13 0.00	39.89 2.08 0.00	34.24 1.78 0.00	33.49 1.69 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.14 1.43 0.00	31.50 1.47 0.00	31.71 1.65 0.00	31.36 1.80 0.00	32.21 1.97 0.00	34.42 2.10 -0.03	38.18 2.31 -0.29	42.43 2.63 -0.58	44.69 2.72 -0.70	49.24 3.09 -0.74	54.90 3.13 -0.46	61.81 3.39 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.02 2.35 0.00	51.15 1.82 0.00	46.14 1.94 0.00	41.19 1.96 -0.10
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.65 2.04 0.00	39.82 2.00 0.00	34.11 1.66 0.00	33.36 1.56 0.00	32.87 1.48 0.00	33.06 1.51 0.00	33.04 1.33 0.00	31.32 1.29 0.00	31.47 1.41 0.00	31.01 1.45 0.00	31.82 1.57 0.00	33.99 1.68 -0.02	37.61 1.85 -0.18	41.77 2.20 -0.36	44.04 2.35 -0.43	48.63 2.77 -0.45	54.67 3.08 -0.28	61.87 3.45 0.00	63.55 3.20 0.00	61.70 2.99 0.00	57.29 2.62 0.00	51.44 2.12 0.00	46.27 2.08 0.00	41.18 2.00 -0.06

KLAC_JFK_GT1 23816	45.07 2.47 0.00	40.12 2.31 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.06 1.66 0.00	33.24 1.70 0.00	33.36 1.65 0.00	31.77 1.74 0.00	32.07 2.01 0.00	31.78 2.22 0.00	32.39 2.15 0.00	34.71 2.39 -0.03	38.40 2.53 -0.29	42.70 2.90 -0.59	45.06 3.09 -0.70	49.69 3.54 -0.75	55.27 3.49 -0.46	62.16 3.74 0.00	63.49 3.14 0.00	61.52 2.82 0.00	57.35 2.68 0.00	51.29 1.97 0.00	46.58 2.39 0.00	41.50 2.27 -0.10
KIAC_JFK_GT2 23817	45.07 2.47 0.00	40.12 2.31 0.00	34.47 2.01 0.00	33.61 1.81 0.00	33.06 1.66 0.00	33.24 1.70 0.00	33.36 1.65 0.00	31.77 1.74 0.00	32.07 2.01 0.00	31.78 2.22 0.00	32.39 2.15 0.00	34.71 2.39 -0.03	38.40 2.53 -0.29	42.70 2.90 -0.59	45.06 3.09 -0.70	49.69 3.54 -0.75	55.27 3.49 -0.46	62.16 3.74 0.00	63.49 3.14 0.00	61.52 2.82 0.00	57.35 2.68 0.00	51.29 1.97 0.00	46.58 2.39 0.00	41.50 2.27 -0.10
KIAC_JFK____ 323774	45.07 2.47 0.00	40.12 2.31 0.00	34.47 2.01 0.00	33.58 1.78 0.00	33.05 1.66 0.00	33.24 1.70 0.00	33.36 1.65 0.00	31.74 1.71 0.00	32.07 2.01 0.00	31.78 2.22 0.00	32.39 2.15 0.00	34.71 2.39 -0.03	38.40 2.53 -0.29	42.70 2.90 -0.59	45.06 3.10 -0.70	49.69 3.54 -0.75	55.31 3.54 -0.46	62.10 3.68 0.00	63.49 3.14 0.00	61.52 2.82 0.00	57.24 2.57 0.00	51.30 1.97 0.00	46.58 2.38 0.00	41.50 2.27 -0.10
KINTIGH__24_KV_GSU 356498	42.31 -0.30 0.00	38.91 1.10 0.00	33.30 0.84 0.00	31.93 0.13 0.00	31.61 0.22 0.00	31.82 0.28 0.00	31.42 -0.29 0.00	29.64 -0.39 0.00	29.79 -0.27 0.00	29.36 -0.21 0.00	30.18 -0.06 0.00	32.10 -0.19 0.00	35.97 0.39 0.00	39.72 0.51 0.00	41.59 0.33 0.00	45.27 -0.14 0.00	51.37 0.05 0.00	58.77 0.35 0.00	61.08 0.73 0.00	59.17 0.47 0.00	54.78 0.11 0.00	49.92 0.59 0.00	44.15 -0.04 0.00	39.09 -0.04 0.00
KINTIGH____ 23543	42.26 -0.34 0.00	38.91 1.10 0.00	33.30 0.84 0.00	31.83 0.03 0.00	31.61 0.22 0.00	31.83 0.28 0.00	31.42 -0.29 0.00	29.58 -0.45 0.00	29.79 -0.27 0.00	29.35 -0.21 0.00	30.18 -0.06 0.00	32.10 -0.19 0.00	35.97 0.39 0.00	39.73 0.51 0.00	41.60 0.33 0.00	45.22 -0.18 0.00	51.42 0.10 0.00	58.71 0.29 0.00	61.02 0.66 0.00	59.18 0.47 0.00	54.72 0.05 0.00	49.91 0.59 0.00	44.15 -0.04 0.00	39.09 -0.04 0.00
KNFTRNC_46_KV_46KV_LOAD 80397	43.33 0.72 0.00	38.00 0.19 0.00	32.65 0.19 0.00	31.96 0.16 0.00	31.55 0.16 0.00	31.70 0.16 0.00	32.18 0.48 0.00	30.57 0.54 0.00	30.51 0.45 0.00	29.83 0.27 0.00	30.42 0.18 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.37 0.16 0.00	41.51 0.25 0.00	45.77 0.36 0.00	51.83 0.51 0.00	59.00 0.58 0.00	61.20 0.84 0.00	59.76 1.06 0.00	55.76 1.09 0.00	50.31 0.99 0.00	44.99 0.80 0.00	39.83 0.70 0.00
LACHUTE__HYDRO 323717	44.69 2.09 0.00	39.59 1.78 0.00	33.82 1.36 0.00	33.23 1.43 0.00	32.71 1.32 0.00	32.84 1.29 0.00	32.41 0.70 0.00	31.02 0.99 0.00	30.96 0.90 0.00	30.30 0.74 0.00	30.58 0.33 0.00	32.72 0.45 0.03	35.55 0.21 0.25	38.95 0.24 0.50	40.83 0.17 0.60	44.45 -0.32 0.64	50.82 -0.10 0.39	59.47 1.05 0.00	62.28 1.93 0.00	61.06 2.35 0.00	57.62 2.95 0.00	52.43 3.11 0.00	46.93 2.74 0.00	40.88 1.84 0.09
LAWRNCV_115KV_TB1 80681	43.33 0.72 0.00	37.81 0.00 0.00	32.45 0.00 0.00	31.77 -0.03 0.00	31.39 0.00 0.00	31.57 0.03 0.00	32.09 0.38 0.00	30.45 																

LITTLRIV_115KV_TB1 356100	43.75 1.15 0.00	38.15 0.34 0.00	32.75 0.29 0.00	32.05 0.25 0.00	31.71 0.31 0.00	31.92 0.38 0.00	32.44 0.73 0.00	30.69 0.66 0.00	30.63 0.57 0.00	29.95 0.38 0.00	30.48 0.24 0.00	32.61 0.32 0.00	35.76 0.18 0.00	39.33 0.12 0.00	41.47 0.21 0.00	45.72 0.32 0.00	51.62 0.31 0.00	58.36 -0.06 0.00	60.78 0.42 0.00	59.47 0.76 0.00	55.60 0.93 0.00	50.51 1.18 0.00	45.34 1.15 0.00	40.14 1.02 0.00
LI_NEWBRDGE___DRP 323616	45.42 2.81 0.00	40.57 2.76 0.00	34.59 2.14 0.00	33.77 1.97 0.00	33.15 1.76 0.00	33.15 1.61 0.00	33.26 1.55 0.00	31.74 1.71 0.00	32.01 1.95 0.00	31.81 2.25 0.00	32.63 2.39 0.00	41.53 2.52 -6.72	42.37 2.74 -4.05	42.95 3.14 -0.60	45.09 3.14 -0.69	49.37 3.22 -0.75	54.96 3.18 -0.46	62.10 3.68 0.00	63.31 2.96 0.00	61.23 2.52 0.00	56.36 1.69 0.00	50.60 1.28 0.00	45.52 1.33 0.00	41.81 2.58 -0.10
LOCKPORT_115KV_TB60_63_64 80432	42.65 0.04 0.00	39.48 1.66 0.00	33.75 1.30 0.00	31.83 0.03 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.33 -0.38 0.00	29.49 -0.54 0.00	29.73 -0.33 0.00	29.33 -0.24 0.00	30.18 -0.06 0.00	32.06 -0.23 0.00	36.04 0.46 0.00	39.84 0.63 0.00	41.64 0.37 0.00	45.22 -0.18 0.00	51.47 0.15 0.00	58.77 0.35 0.00	61.20 0.84 0.00	59.29 0.59 0.00	54.78 0.11 0.00	50.06 0.74 0.00	44.19 0.00 0.00	39.24 0.12 0.00
LOCKPORT___CC1 323769	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.26 0.00	32.25 0.44 0.00	31.92 0.53 0.00	32.14 0.60 0.00	31.36 -0.35 0.00	29.55 -0.48 0.00	29.76 -0.30 0.00	29.36 -0.21 0.00	30.18 -0.06 0.00	32.07 -0.22 0.00	36.08 0.50 0.00	39.88 0.67 0.00	41.64 0.37 0.00	45.27 -0.14 0.00	51.37 0.05 0.00	58.88 0.47 0.00	61.26 0.91 0.00	59.29 0.59 0.00	54.83 0.16 0.00	50.01 0.69 0.00	44.19 0.00 0.00	39.20 0.08 0.00
LOCKPORT___CC2 323770	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.26 0.00	32.25 0.44 0.00	31.92 0.53 0.00	32.14 0.60 0.00	31.36 -0.35 0.00	29.55 -0.48 0.00	29.76 -0.30 0.00	29.36 -0.21 0.00	30.18 -0.06 0.00	32.07 -0.22 0.00	36.08 0.50 0.00	39.88 0.67 0.00	41.64 0.37 0.00	45.27 -0.14 0.00	51.37 0.05 0.00	58.88 0.47 0.00	61.26 0.91 0.00	59.29 0.59 0.00	54.83 0.16 0.00	50.01 0.69 0.00	44.19 0.00 0.00	39.20 0.08 0.00
LOCKPORT___CC3 323771	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.26 0.00	32.25 0.44 0.00	31.92 0.53 0.00	32.14 0.60 0.00	31.36 -0.35 0.00	29.55 -0.48 0.00	29.76 -0.30 0.00	29.36 -0.21 0.00	30.18 -0.06 0.00	32.07 -0.22 0.00	36.08 0.50 0.00	39.88 0.67 0.00	41.64 0.37 0.00	45.27 -0.14 0.00	51.37 0.05 0.00	58.88 0.47 0.00	61.26 0.91 0.00	59.29 0.59 0.00	54.83 0.16 0.00	50.01 0.69 0.00	44.19 0.00 0.00	39.20 0.08 0.00
LOCUSVLY_69_KV_BK2 55797	45.76 3.15 0.00	40.84 3.02 0.00	34.85 2.40 0.00	34.03 2.23 0.00	33.40 2.01 0.00	33.43 1.89 0.00	33.52 1.81 0.00	31.95 1.92 0.00	32.22 2.16 0.00	32.04 2.48 0.00	32.96 2.72 0.00	41.92 2.91 -6.72	43.02 3.20 -4.23	43.56 3.65 -0.70	45.69 3.71 -0.71	50.10 3.95 -0.75	55.83 4.05 -0.46	62.86 4.44 0.00	64.16 3.80 0.00	62.05 3.35 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.22 2.03 0.00	42.13 2.90 -0.10
LONG_LAKE_PHOENIX 24014	43.82 -0.81 -2.03	39.29 -0.45 -1.93	32.47 -0.42 -0.44	31.29 -0.51 0.00	30.92 -0.47 0.00	31.23 -0.47 -0.16	31.24 -0.63 -0.16	29.40 -0.63 0.00	29.43 -0.63 0.00	28.91 -0.65 0.00	29.64 -0.60 0.00	31.64 -0.65 0.00	34.98 -0.60 0.00	38.51 -0.71 0.00	40.48 -0.78 0.00	44.50 -0.91 0.00	50.39 -0.92 0.00	57.48 -0.93 0.00	59.63 -0.72 0.00	58.06 -0.65 0.00	53.96 -0.71 0.00	52.30 -0.54 -3.52	43.57 -0.62 0.00	38.54 -0.59 0.00
LOVETT___3 23632	44.48 1.87 0.00	39.67 1.85 0.00	34.04 1.59 0.00	33.29 1.49 0.00	32.80 1.41 0.00	32.93 1.39 0.00	32.98 1.27 0.00	31.32 1.29 0.00	31.53 1.47 0.00	31.19 1.63 0.00	32.06 1.81 0.00	34.22 1.91 -0.03	37.95 2.10 -0.27	42.16 2.39 -0.55	44.40 2.48 -0.66	48.83 2.72 -0.70	54.57 2.82 -0.43	61.40 2.98 0.00	62.95 2.60 0.00	60.88 2.17 0.00	56.64 1.97 0.00	50.85 1.53 0.00	45.87 1.68 0.00	40.91 1.68 -0.10
LOVETT___4 23642	44.48 1.87 0.00	39.67 1.85 0.00	34.04 1.59 0.00	33.29 1.49 0.00	32.80 1.41 0.00	32.93 1.39 0.00	32.98 1.27 0.00	31.32 1.29 0.00	31.53 1.47 0.00	31.19 1.63 0.00	32.06 1.81 0.00	34.22 1.91 -0.03	37.95 2.10 -0.27	42.16 2.39 -0.55	44.40 2.48 -0.66	48.83 2.72 -0.70	54.57 2.82 -0.43	61.40 2.98 0.00	62.95 2.60 0.00	60.88 2.17 0.00	56.64 1.97 0.00	50.85 1.53 0.00	45.87 1.68 0.00	40.91 1.68 -0.10
LOVETT___5 23593	44.48 1.87 0.00	39.67 1.85 0.00	34.04 1.59 0.00	33.29 1.49 0.00	32.80 1.41 0.00	32.93 1.39 0.00	32.98 1.27 0.00	31.32 1.29 0.00	31.53 1.47 0.00	31.19 1.63 0.00	32.06 1.81 0.00	34.22 1.91 -0.03	37.95 2.10 -0.27	42.16 2.39 -0.55	44.40 2.48 -0.66	48.83 2.72 -0.70	54.57 2.82 -0.43	61.40 2.98 0.00	62.95 2.60 0.00	60.88 2.17 0.00	56.64 1.97 0.00	50.85 1.53 0.00	45.87 1.68 0.00	40.91 1.68 -0.10
LOWER RAQUET___HYD 24057	43.37 0.77 0.00	37.85 0.04 0.00	32.49 0.03 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.60 0.06 0.00	32.12 0.41 0.00	30.45 0.42 0.00	30.45 0.39 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.49 0.19 0.00	35.62 0.04 0.00	39.18 -0.04 0.00	41.31 0.04 0.00	45.50 0.09 0.00	51.26 -0.05 0.00	57.84 -0.58 0.00	60.05 -0.30 0.00	58.65 -0.06 0.00	54.94 0.27 0.00	49.87 0.54 0.00	44.86 0.66 0.00	39.71 0.59 0.00
LOWER___HUDSON 24059	43.75 1.15 0.00	39.06 1.25 0.00	33.59 1.14 0.00	32.98 1.18 0.00	32.52 1.13 0.00	32.64 1.10 0.00	32.63 0.92 0.00	30.87 0.84 0.00	30.87 0.81 0.00	30.33 0.77 0.00	30.91 0.66 0.00	33.00 0.74 0.03	35.99 0.75 0.34	39.35 0.82 0.69	41.31 0.87 0.82	45.49 0.96 0.87	51.80 1.03 0.54	59.65 1.23 0.00	61.56 1.21 0.00	59.88 1.17 0.00	55.82 1.15 0.00	50.41 1.08 0.00	45.30 1.11 0.00	39.86 0.86 0.12
LOWVILLE_115KV_TB2 356335	43.88 0.94 -0.33	38.47 0.34 -0.32	32.72 0.19 -0.07	31.99 0.19 0.00	31.74 0.35 0.00	32.01 0.44 -0.03	32.12 0.38 -0.03	30.33 0.30 0.00	30.48 0.42 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.16 -0.13 0.00	35.26 -0.32 0.00	38.82 -0.39 0.00	40.98 -0.29 0.00	45.04 -0.36 0.00	51.16 -0.15 0.00	58.30 -0.12 0.00	60.96 0.60 0.00	59.59 0.88 0.00	55.49 0.82 0.00	50.79 0.89 -0.58	44.85 0.66 0.00	39.63 0.51 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.27 1.66 0.00	39.44 1.63 0.00	33.85 1.40 0.00	33.23 1.43 0.00	32.74 1.35 0.00	32.87 1.32 0.00	32.76 1.05 0.00	31.11 1.08 0.00	31.05 0.99 0.00	30.48 0.92 0.00	31.03 0.79 0.00	33.10 0.84 0.03	36.14 0.82 0.26	39.63 0.94 0.53	41.62 0.99 0.64	45.68 0.95 0.68	52.03 1.13 0.42	60.00 1.58 0.00	62.10 1.75 0.00	60.53 1.82 0.00	56.64 1.97 0.00	51.20 1.87 0.00	45.96 1.77 0.00	40.40 1.37 0.09

LUTHERNY_35_KV_BK2 355980	44.27 1.66 0.00	39.44 1.63 0.00	33.85 1.40 0.00	33.23 1.43 0.00	32.77 1.38 0.00	32.90 1.36 0.00	32.79 1.08 0.00	31.11 1.08 0.00	31.08 1.02 0.00	30.51 0.95 0.00	31.03 0.79 0.00	33.14 0.87 0.03	36.17 0.85 0.26	39.63 0.94 0.53	41.62 0.99 0.64	45.73 1.00 0.68	52.03 1.13 0.42	60.06 1.64 0.00	62.16 1.81 0.00	60.58 1.88 0.00	56.69 2.02 0.00	51.25 1.92 0.00	45.96 1.77 0.00	40.44 1.41 0.09
LWR___OSWEGATCHIE_HYD 23850	43.63 0.72 -0.31	38.22 0.11 -0.29	32.55 0.03 -0.07	31.80 0.00 0.00	31.49 0.09 0.00	31.72 0.16 -0.02	32.05 0.32 -0.02	30.30 0.27 0.00	30.33 0.27 0.00	29.68 0.12 0.00	30.27 0.03 0.00	32.23 -0.06 0.00	35.33 -0.25 0.00	38.86 -0.35 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	50.96 -0.36 0.00	57.84 -0.58 0.00	60.29 -0.06 0.00	58.94 0.23 0.00	55.00 0.33 0.00	50.45 0.59 -0.53	44.85 0.66 0.00	39.63 0.51 0.00
LYONS_FALL_HYD 23570	43.71 0.90 -0.21	38.50 0.49 -0.20	32.86 0.36 -0.05	32.15 0.35 0.00	31.86 0.47 0.00	32.13 0.57 -0.02	32.17 0.44 -0.02	30.42 0.39 0.00	30.51 0.45 0.00	29.86 0.30 0.00	30.48 0.24 0.00	32.39 0.10 0.00	35.54 -0.04 0.00	39.14 -0.08 0.00	41.27 0.00 0.00	45.40 0.00 0.00	51.57 0.26 0.00	58.77 0.35 0.00	61.26 0.91 0.00	59.82 1.11 0.00	55.70 1.04 0.00	50.73 1.04 -0.37	44.99 0.80 0.00	39.75 0.62 0.00
MADISON___COUNTY_LFGE 323628	43.58 0.98 0.00	38.76 0.95 0.00	33.23 0.78 0.00	32.50 0.70 0.00	32.18 0.78 0.00	32.42 0.88 0.00	32.37 0.67 0.00	30.63 0.60 0.00	30.63 0.57 0.00	30.01 0.44 0.00	30.70 0.45 0.00	32.77 0.48 0.00	36.04 0.46 0.00	39.73 0.51 0.00	41.84 0.58 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.65 1.23 0.00	62.10 1.75 0.00	60.58 1.88 0.00	56.42 1.75 0.00	50.85 1.53 0.00	45.43 1.24 0.00	40.10 0.98 0.00
MALONE___115KV_TB1 356076	43.33 0.72 0.00	37.93 0.11 0.00	32.58 0.13 0.00	31.90 0.10 0.00	31.45 0.06 0.00	31.64 0.09 0.00	32.15 0.44 0.00	30.54 0.51 0.00	30.51 0.45 0.00	29.86 0.30 0.00	30.45 0.21 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.33 0.12 0.00	41.47 0.21 0.00	45.72 0.32 0.00	51.73 0.41 0.00	58.71 0.29 0.00	60.96 0.60 0.00	59.53 0.82 0.00	55.54 0.87 0.00	50.21 0.89 0.00	44.94 0.75 0.00	39.79 0.67 0.00
MAPLEWOD_115KV_TB3 80458	43.63 1.02 0.00	38.98 1.17 0.00	33.56 1.10 0.00	32.95 1.14 0.00	32.49 1.10 0.00	32.61 1.07 0.00	32.57 0.86 0.00	30.75 0.72 0.00	30.75 0.69 0.00	30.24 0.68 0.00	30.82 0.57 0.00	32.88 0.61 0.03	35.90 0.57 0.25	39.29 0.59 0.51	41.31 0.66 0.61	45.53 0.77 0.65	51.68 0.77 0.40	59.35 0.93 0.00	61.20 0.84 0.00	59.47 0.76 0.00	55.49 0.82 0.00	50.06 0.74 0.00	45.03 0.84 0.00	39.66 0.63 0.09
MAPLE_RIDGE_WT_1 323574	42.39 -0.21 0.00	37.55 -0.26 0.00	32.26 -0.19 0.00	31.61 -0.19 0.00	31.24 -0.16 0.00	31.38 -0.16 0.00	31.65 -0.06 0.00	30.00 -0.03 0.00	30.03 -0.03 0.00	29.50 -0.06 0.00	30.12 -0.12 0.00	32.16 -0.13 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.06 -0.21 0.00	45.18 -0.23 0.00	51.11 -0.20 0.00	58.19 -0.23 0.00	60.17 -0.18 0.00	58.53 -0.18 0.00	54.56 -0.11 0.00	49.17 -0.15 0.00	44.06 -0.13 0.00	39.05 -0.08 0.00
MAPLE_RIDGE_WT_2 323611	42.39 -0.21 0.00	37.55 -0.26 0.00	32.26 -0.19 0.00	31.61 -0.19 0.00	31.24 -0.16 0.00	31.38 -0.16 0.00	31.65 -0.06 0.00	30.00 -0.03 0.00	30.03 -0.03 0.00	29.50 -0.06 0.00	30.12 -0.12 0.00	32.16 -0.13 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.06 -0.21 0.00	45.18 -0.23 0.00	51.11 -0.20 0.00	58.19 -0.23 0.00	60.17 -0.18 0.00	58.53 -0.18 0.00	54.56 -0.11 0.00	49.17 -0.15 0.00	44.06 -0.13 0.00	39.05 -0.08 0.00
MARBLE_RIVER_WT_PWR 323696	42.73 0.13 0.00	37.51 -0.30 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.80 0.10 0.00	30.18 0.15 0.00	30.12 0.06 0.00	29.50 -0.06 0.00	30.09 -0.15 0.00	32.19 -0.10 0.00	35.37 -0.21 0.00	38.94 -0.27 0.00	41.06 -0.21 0.00	45.27 -0.14 0.00	51.21 -0.10 0.00	58.24 -0.17 0.00	60.35 0.00 0.00	58.88 0.18 0.00	55.00 0.33 0.00	49.57 0.25 0.00	44.37 0.18 0.00	39.28 0.16 0.00
MARSHVLE_115KV_TB1 80742	45.50 2.90 0.00	40.50 2.68 0.00	34.69 2.24 0.00	34.06 2.26 0.00	33.62 2.23 0.00	33.81 2.27 0.00	33.39 1.68 0.00	31.05 1.02 0.00	30.81 0.75 0.00	30.18 0.62 0.00	30.85 0.60 0.00	32.82 0.55 0.02	35.96 0.53 0.15	39.53 0.63 0.31	41.35 0.45 0.37	45.69 0.68 0.39	52.05 0.97 0.24	60.17 1.75 0.00	62.77 2.41 0.00	62.11 3.40 0.00	58.60 3.94 0.00	53.22 3.90 0.00	47.55 3.36 0.00	41.77 2.70 0.05
MARSH_HILL_WT_PWR 323713	43.24 0.64 0.00	39.47 1.66 0.00	33.78 1.33 0.00	32.56 0.76 0.00	32.21 0.81 0.00	32.46 0.92 0.00	32.06 0.35 0.00	30.24 0.21 0.00	30.18 0.12 0.00	29.65 0.09 0.00	30.55 0.30 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.23 1.02 0.00	42.17 0.91 0.00	46.09 0.68 0.00	52.34 1.03 0.00	60.00 1.58 0.00	62.83 2.48 0.00	61.17 2.47 0.00	56.80 2.13 0.00	51.59 2.27 0.00	45.78 1.59 0.00	40.30 1.17 0.00
MCINTYRE_115KV_TB2 80467	43.88 1.28 0.00	38.27 0.45 0.00	32.84 0.39 0.00	32.15 0.35 0.00	31.80 0.41 0.00	32.01 0.47 0.00	32.53 0.82 0.00	30.75 0.72 0.00	30.66 0.60 0.00	29.95 0.38 0.00	30.48 0.24 0.00	32.61 0.32 0.00	35.76 0.18 0.00	39.33 0.12 0.00	41.47 0.21 0.00	45.72 0.32 0.00	51.73 0.41 0.00	58.59 0.18 0.00	61.08 0.72 0.00	59.82 1.12 0.00	55.98 1.31 0.00	50.75 1.43 0.00	45.47 1.28 0.00	40.30 1.17 0.00
MECO_____69_KV_BK1 80468	45.84 3.24 0.00	40.80 2.99 0.00	34.95 2.50 0.00	34.28 2.48 0.00	33.84 2.45 0.00	34.00 2.46 0.00	33.68 1.97 0.00	31.47 1.44 0.00	31.26 1.20 0.00	30.60 1.03 0.00	31.21 0.97 0.00	33.27 1.00 0.02	36.41 1.00 0.17	40.01 1.14 0.34	41.93 1.07 0.41	46.42 1.45 0.43	52.95 1.90 0.27	61.28 2.86 0.00	63.85 3.50 0.00	62.82 4.11 0.00	59.04 4.37 0.00	53.56 4.24 0.00	47.90 3.71 0.00	42.00 2.93 0.06
MENANDS___115KV_TB5 355628	43.41 0.81 0.00	38.80 0.98 0.00	33.43 0.97 0.00	32.85 1.05 0.00	32.36 0.97 0.00	32.49 0.95 0.00	32.44 0.73 0.00	30.63 0.60 0.00	30.66 0.60 0.00	30.15 0.59 0.00	30.70 0.45 0.00	32.78 0.52 0.03	35.79 0.46 0.25	39.14 0.43 0.51	41.15 0.50 0.61	45.30 0.54 0.65	51.43 0.51 0.40	59.06 0.64 0.00	60.78 0.42 0.00	59.06 0.35 0.00	55.10 0.44 0.00	49.72 0.39 0.00	44.68 0.49 0.00	39.43 0.39 0.09
MG INDUSTRY___DRP 24185	43.50 0.89 0.00	38.80 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.36 0.97 0.00	32.49 0.95 0.00	32.41 0.70 0.00	30.57 0.54 0.00	30.54 0.48 0.00	30.01 0.44 0.00	30.61 0.36 0.00	32.66 0.39 0.01	35.80 0.36 0.14	39.29 0.35 0.28	41.30 0.37 0.34	45.50 0.45 0.36	51.56 0.46 0.22	58.95 0.53 0.00	60.78 0.42 0.00	59.18 0.47 0.00	55.27 0.60 0.00	49.86 0.54 0.00	44.81 0.62 0.00	39.62 0.55 0.05

MID___OSWEGATCHIE_HYD 23849	43.63 0.72 -0.31	38.22 0.11 -0.29	32.55 0.03 -0.07	31.80 0.00 0.00	31.49 0.09 0.00	31.72 0.16 -0.02	32.05 0.32 -0.02	30.30 0.27 0.00	30.33 0.27 0.00	29.68 0.12 0.00	30.27 0.03 0.00	32.23 -0.06 0.00	35.33 -0.25 0.00	38.86 -0.35 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	50.96 -0.36 0.00	57.84 -0.58 0.00	60.29 -0.06 0.00	58.94 0.23 0.00	55.00 0.33 0.00	50.45 0.59 -0.53	44.85 0.66 0.00	39.63 0.51 0.00
MID___RAQUETTE_HYD 23851	43.37 0.77 0.00	37.85 0.04 0.00	32.49 0.03 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.60 0.06 0.00	32.12 0.41 0.00	30.45 0.42 0.00	30.45 0.39 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.48 0.19 0.00	35.62 0.04 0.00	39.18 -0.04 0.00	41.31 0.04 0.00	45.50 0.09 0.00	51.26 -0.05 0.00	57.84 -0.58 0.00	60.05 -0.30 0.00	58.65 -0.06 0.00	54.78 0.11 0.00	49.86 0.54 0.00	44.85 0.66 0.00	39.75 0.63 0.00
MILLIKEN___1 23584	43.39 0.55 -0.23	38.90 0.87 -0.22	33.22 0.71 -0.05	32.34 0.54 0.00	31.99 0.60 0.00	32.16 0.60 -0.02	32.08 0.35 -0.02	30.36 0.33 0.00	30.30 0.24 0.00	29.71 0.15 0.00	30.48 0.24 0.00	32.55 0.26 0.00	35.97 0.39 0.00	39.61 0.39 0.00	41.64 0.37 0.00	45.77 0.36 0.00	51.98 0.67 0.00	59.41 0.99 0.00	61.86 1.51 0.00	60.35 1.64 0.00	56.09 1.42 0.00	51.06 1.33 -0.40	45.21 1.02 0.00	39.91 0.78 0.00
MILLIKEN___2 23585	43.39 0.55 -0.23	38.90 0.87 -0.22	33.22 0.71 -0.05	32.34 0.54 0.00	31.99 0.60 0.00	32.16 0.60 -0.02	32.08 0.35 -0.02	30.36 0.33 0.00	30.30 0.24 0.00	29.71 0.15 0.00	30.48 0.24 0.00	32.55 0.26 0.00	35.97 0.39 0.00	39.61 0.39 0.00	41.64 0.37 0.00	45.77 0.36 0.00	51.98 0.67 0.00	59.41 0.99 0.00	61.86 1.51 0.00	60.35 1.64 0.00	56.09 1.42 0.00	51.06 1.33 -0.40	45.21 1.02 0.00	39.91 0.78 0.00
MILLIKEN___DIESEL 23629	43.39 0.55 -0.23	38.90 0.87 -0.22	33.22 0.71 -0.05	32.34 0.54 0.00	31.99 0.60 0.00	32.16 0.60 -0.02	32.08 0.35 -0.02	30.36 0.33 0.00	30.30 0.24 0.00	29.71 0.15 0.00	30.48 0.24 0.00	32.55 0.26 0.00	35.97 0.39 0.00	39.61 0.39 0.00	41.64 0.37 0.00	45.77 0.36 0.00	51.98 0.67 0.00	59.41 0.99 0.00	61.86 1.51 0.00	60.35 1.64 0.00	56.09 1.42 0.00	51.06 1.33 -0.40	45.21 1.02 0.00	39.91 0.78 0.00
MILLSEAT___LFGE 323607	43.46 0.85 0.00	40.04 2.23 0.00	34.24 1.78 0.00	32.79 0.99 0.00	32.43 1.03 0.00	32.64 1.10 0.00	31.90 0.19 0.00	30.12 0.09 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.64 0.39 0.00	32.55 0.26 0.00	36.54 0.96 0.00	40.35 1.14 0.00	42.22 0.95 0.00	45.99 0.59 0.00	52.34 1.03 0.00	59.94 1.52 0.00	62.46 2.11 0.00	60.76 2.05 0.00	56.20 1.53 0.00	51.30 1.97 0.00	45.25 1.06 0.00	40.06 0.94 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.65 2.04 0.00	39.82 2.00 0.00	34.14 1.69 0.00	33.42 1.62 0.00	32.90 1.51 0.00	33.06 1.51 0.00	33.07 1.36 0.00	31.44 1.41 0.00	31.62 1.56 0.00	31.28 1.71 0.00	32.12 1.88 0.00	34.32 2.00 -0.03	38.07 2.21 -0.29	42.31 2.51 -0.58	44.56 2.60 -0.70	49.05 2.91 -0.74	54.75 2.98 -0.46	61.63 3.21 0.00	63.13 2.78 0.00	61.17 2.47 0.00	56.85 2.19 0.00	51.05 1.73 0.00	46.05 1.86 0.00	41.07 1.84 -0.10
MILLWOOD_13_KV_LOAD 356217	44.78 2.17 0.00	39.93 2.12 0.00	34.21 1.75 0.00	33.49 1.69 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.14 1.43 0.00	31.50 1.47 0.00	31.68 1.62 0.00	31.36 1.80 0.00	32.21 1.97 0.00	34.39 2.07 -0.03	38.14 2.28 -0.29	42.38 2.59 -0.58	44.69 2.72 -0.70	49.19 3.04 -0.74	54.95 3.18 -0.46	61.87 3.45 0.00	63.37 3.02 0.00	61.35 2.64 0.00	57.07 2.41 0.00	51.20 1.87 0.00	46.18 1.99 0.00	41.19 1.96 -0.10
MODEL_CITY_ENERGY 24167	42.35 -0.25 0.00	39.25 1.44 0.00	33.56 1.10 0.00	32.09 0.29 0.00	31.77 0.38 0.00	32.02 0.47 0.00	31.08 -0.63 0.00	29.28 -0.75 0.00	29.46 -0.60 0.00	29.06 -0.50 0.00	29.91 -0.33 0.00	31.77 -0.52 0.00	35.72 0.14 0.00	39.49 0.28 0.00	41.22 -0.04 0.00	44.81 -0.59 0.00	50.85 -0.46 0.00	58.24 -0.17 0.00	60.60 0.24 0.00	58.65 -0.06 0.00	54.23 -0.44 0.00	49.52 0.20 0.00	43.71 -0.49 0.00	38.89 -0.23 0.00
MODERN_LFGE___ 323580	42.35 -0.25 0.00	39.25 1.44 0.00	33.56 1.10 0.00	32.09 0.29 0.00	31.77 0.38 0.00	32.02 0.47 0.00	31.08 -0.63 0.00	29.28 -0.75 0.00	29.46 -0.60 0.00	29.06 -0.50 0.00	29.91 -0.33 0.00	31.77 -0.52 0.00	35.72 0.14 0.00	39.49 0.28 0.00	41.22 -0.04 0.00	44.81 -0.59 0.00	50.85 -0.46 0.00	58.24 -0.17 0.00	60.60 0.24 0.00	58.65 -0.06 0.00	54.23 -0.44 0.00	49.52 0.20 0.00	43.71 -0.49 0.00	38.89 -0.23 0.00
MOHAWK_PAPER___DRP 24187	43.63 1.02 0.00	38.98 1.17 0.00	33.56 1.10 0.00	32.95 1.14 0.00	32.49 1.10 0.00	32.61 1.07 0.00	32.57 0.86 0.00	30.75 0.72 0.00	30.75 0.69 0.00	30.24 0.68 0.00	30.82 0.57 0.00	32.88 0.61 0.03	35.90 0.57 0.25	39.29 0.59 0.51	41.31 0.66 0.61	45.53 0.77 0.65	51.68 0.77 0.40	59.35 0.93 0.00	61.20 0.84 0.00	59.47 0.76 0.00	55.49 0.82 0.00	50.06 0.74 0.00	45.03 0.84 0.00	39.66 0.63 0.09
MOHICAN___35_KV_115KV_LD 80490	44.18 1.58 0.00	39.32 1.51 0.00	33.72 1.27 0.00	33.14 1.34 0.00	32.65 1.26 0.00	32.77 1.23 0.00	32.60 0.89 0.00	31.26 1.23 0.00	31.20 1.14 0.00	30.60 1.03 0.00	31.00 0.76 0.00	33.10 0.84 0.03	36.07 0.75 0.26	39.52 0.82 0.52	41.46 0.83 0.63	45.15 0.41 0.67	51.37 0.46 0.41	59.41 0.99 0.00	61.80 1.45 0.00	60.35 1.64 0.00	56.64 1.97 0.00	51.25 1.92 0.00	45.96 1.77 0.00	40.36 1.33 0.09
MONGAUP___HYD 23641	44.48 1.87 0.00	39.66 1.85 0.00	33.98 1.53 0.00	33.23 1.43 0.00	32.74 1.35 0.00	32.93 1.39 0.00	32.91 1.20 0.00	31.14 1.11 0.00	31.23 1.17 0.00	30.75 1.18 0.00	31.51 1.27 0.00	33.67 1.36 -0.02	37.31 1.49 -0.24	41.42 1.72 -0.49	43.71 1.86 -0.58	48.20 2.18 -0.62	54.21 2.51 -0.38	61.22 2.80 0.00	62.95 2.59 0.00	61.23 2.52 0.00	56.86 2.19 0.00	51.15 1.83 0.00	46.00 1.81 0.00	40.97 1.76 -0.09
MONTAUK___DIESEL 23721	47.12 4.52 0.00	42.01 4.20 0.00	35.60 3.15 0.00	34.79 2.99 0.00	34.15 2.76 0.00	34.06 2.52 0.00	34.06 2.35 0.00	32.76 2.73 0.00	33.15 3.10 0.00	33.17 3.61 0.00	34.45 4.20 0.00	43.53 4.52 -6.72	44.94 5.27 -4.09	45.68 5.84 -0.62	47.78 5.82 -0.69	52.09 6.18 -0.51	57.42 6.21 0.10	65.90 7.48 0.00	65.85 5.49 0.00	62.98 4.81 0.54	57.55 3.39 0.51	51.88 2.91 0.35	46.58 2.39 0.00	43.26 4.03 -0.10
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.46 0.85 0.00	40.12 2.31 0.00	34.37 1.91 0.00	32.72 0.92 0.00	32.55 1.16 0.00	32.80 1.26 0.00	32.31 0.60 0.00	30.63 0.60 0.00	30.99 0.93 0.00	30.60 1.03 0.00	31.60 1.36 0.00	33.52 1.23 0.00	37.57 1.99 0.00	41.61 2.39 0.00	43.49 2.23 0.00	47.36 1.95 0.00	53.93 2.62 0.00	61.63 3.21 0.00	64.16 3.80 0.00	61.88 3.17 0.00	57.02 2.35 0.00	51.99 2.66 0.00	45.87 1.68 0.00	40.34 1.21 0.00

MORRIS_RIDGE___SOLAR 323848	42.82 0.21 0.00	39.21 1.40 0.00	33.56 1.10 0.00	32.28 0.48 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.68 -0.03 0.00	29.76 -0.27 0.00	29.73 -0.33 0.00	29.27 -0.30 0.00	30.12 -0.12 0.00	32.07 -0.22 0.00	35.86 0.28 0.00	39.72 0.51 0.00	41.68 0.41 0.00	45.45 0.05 0.00	51.57 0.26 0.00	59.00 0.58 0.00	61.68 1.33 0.00	60.06 1.35 0.00	55.82 1.15 0.00	50.75 1.43 0.00	44.99 0.80 0.00	39.67 0.55 0.00
MORTIMER_115KV_TB3 55949	42.77 0.17 0.00	38.95 1.13 0.00	33.30 0.84 0.00	32.05 0.25 0.00	31.80 0.41 0.00	31.95 0.41 0.00	31.68 -0.03 0.00	29.91 -0.12 0.00	30.03 -0.03 0.00	29.59 0.03 0.00	30.39 0.15 0.00	32.35 0.06 0.00	36.11 0.53 0.00	39.84 0.63 0.00	41.76 0.50 0.00	45.68 0.27 0.00	51.93 0.62 0.00	59.18 0.76 0.00	61.62 1.27 0.00	60.00 1.29 0.00	55.60 0.93 0.00	50.51 1.18 0.00	44.81 0.62 0.00	39.56 0.43 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.03 2.43 0.00	40.16 2.34 0.00	34.43 1.98 0.00	33.64 1.84 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.89 1.83 0.00	31.60 2.04 0.00	32.42 2.18 0.00	34.71 2.39 -0.03	38.47 2.60 -0.29	42.78 2.98 -0.59	45.06 3.09 -0.70	49.65 3.50 -0.75	55.27 3.49 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.29 2.62 0.00	51.39 2.07 0.00	46.40 2.21 0.00	41.46 2.23 -0.10
MUNSVILLE_WIND_PWR 323609	45.41 2.81 0.00	40.65 2.84 0.00	34.79 2.34 0.00	33.90 2.10 0.00	33.71 2.32 0.00	34.10 2.55 0.00	33.87 2.16 0.00	31.95 1.92 0.00	31.65 1.59 0.00	30.77 1.21 0.00	31.36 1.12 0.00	33.58 1.29 0.00	36.90 1.32 0.00	40.59 1.37 0.00	42.92 1.65 0.00	47.22 1.82 0.00	54.08 2.77 0.00	62.21 3.80 0.00	65.67 5.31 0.00	64.22 5.52 0.00	59.86 5.20 0.00	54.01 4.69 0.00	48.03 3.84 0.00	42.37 3.25 0.00
N SALMON___HYD 24042	43.33 0.72 0.00	37.93 0.11 0.00	32.58 0.13 0.00	31.90 0.10 0.00	31.45 0.06 0.00	31.64 0.09 0.00	32.15 0.44 0.00	30.54 0.51 0.00	30.51 0.45 0.00	29.86 0.30 0.00	30.46 0.21 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.33 0.12 0.00	41.47 0.21 0.00	45.72 0.32 0.00	51.72 0.41 0.00	58.71 0.29 0.00	60.96 0.60 0.00	59.53 0.82 0.00	55.65 0.99 0.00	50.21 0.89 0.00	44.94 0.75 0.00	39.79 0.66 0.00
N.AKRON__115KV_KNAPP 355671	43.50 0.89 0.00	40.12 2.31 0.00	34.27 1.82 0.00	32.44 0.64 0.00	32.49 1.10 0.00	32.68 1.14 0.00	31.93 0.22 0.00	30.09 0.06 0.00	30.30 0.24 0.00	29.83 0.27 0.00	30.67 0.42 0.00	32.58 0.29 0.00	36.58 1.00 0.00	40.43 1.22 0.00	42.30 1.03 0.00	46.04 0.64 0.00	52.44 1.13 0.00	59.88 1.46 0.00	62.53 2.17 0.00	60.76 2.05 0.00	56.20 1.53 0.00	51.34 2.02 0.00	45.30 1.10 0.00	40.10 0.98 0.00
N.E_GEN_SANDY PD 24062	43.75 1.15 0.00	39.10 1.29 0.00	33.62 1.17 0.00	32.98 1.18 0.00	32.52 1.13 0.00	32.64 1.10 0.00	32.61 0.95 0.05	31.01 0.93 -0.05	31.02 0.96 0.00	30.54 0.97 0.00	31.18 0.94 0.00	33.10 1.00 0.19	34.76 1.07 1.88	36.62 1.22 3.82	37.97 1.28 4.58	42.00 1.45 4.86	49.80 1.49 3.00	60.00 1.58 0.00	61.68 1.33 0.00	59.88 1.17 0.00	55.70 1.04 0.00	50.21 0.89 0.00	45.32 1.02 -0.11	39.20 0.86 0.79
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.56 1.96 0.00	39.74 1.93 0.00	34.11 1.66 0.00	33.36 1.56 0.00	32.84 1.44 0.00	32.99 1.45 0.00	33.01 1.30 0.00	31.38 1.35 0.00	31.56 1.50 0.00	31.22 1.66 0.00	32.09 1.84 0.00	34.29 1.97 -0.03	37.99 2.13 -0.27	42.19 2.43 -0.55	44.48 2.56 -0.66	48.96 2.86 -0.70	54.72 2.98 -0.43	61.63 3.21 0.00	63.13 2.78 0.00	61.11 2.41 0.00	56.80 2.13 0.00	51.00 1.68 0.00	45.96 1.77 0.00	41.02 1.80 -0.10
N.QUEENS_27_KV_LOAD 356247	45.46 2.85 0.00	40.57 2.76 0.00	34.76 2.30 0.00	33.96 2.16 0.00	33.43 2.04 0.00	33.65 2.11 0.00	33.58 1.87 0.00	31.95 1.92 0.00	32.13 2.07 0.00	31.90 2.34 0.00	32.60 2.36 0.00	34.97 2.65 -0.03	38.79 2.92 -0.29	43.06 3.25 -0.59	45.35 3.38 -0.70	49.87 3.72 -0.75	55.47 3.69 -0.46	61.81 3.39 0.00	63.37 3.02 0.00	61.35 2.64 0.00	57.24 2.57 0.00	51.59 2.27 0.00	46.84 2.65 0.00	41.81 2.58 -0.10
N.TROY___115KV_TB1 355778	43.75 1.15 0.00	39.06 1.25 0.00	33.59 1.14 0.00	32.98 1.18 0.00	32.52 1.13 0.00	32.65 1.10 0.00	32.63 0.92 0.00	30.90 0.87 0.00	30.87 0.81 0.00	30.33 0.77 0.00	30.91 0.67 0.00	33.00 0.74 0.03	35.99 0.75 0.34	39.35 0.82 0.69	41.31 0.87 0.82	45.53 1.00 0.87	51.80 1.03 0.54	59.70 1.29 0.00	61.56 1.21 0.00	59.88 1.17 0.00	55.87 1.20 0.00	50.41 1.09 0.00	45.30 1.10 0.00	39.86 0.86 0.12
NARROWS_GT1_1 24228	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT1_2 24229	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT1_3 24230	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT1_4 24231	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT1_5 24232	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11

NARROWS_GT1_6 24233	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT1_7 24234	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT1_8 24235	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_1 24236	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_2 24237	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_3 24238	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_4 24239	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_5 24240	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_6 24241	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_7 24242	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NARROWS_GT2_8 24243	45.51 2.90 -0.01	40.54 2.72 -0.01	34.73 2.27 -0.01	33.87 2.07 -0.01	33.38 1.98 -0.01	33.51 1.96 -0.01	33.42 1.71 0.00	31.71 1.68 0.00	31.98 1.93 0.00	31.76 2.19 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.14 3.33 -0.59	45.48 3.51 -0.71	50.11 3.95 -0.75	55.52 3.74 -0.46	61.80 3.39 0.01	63.30 2.96 0.01	61.28 2.58 0.01	57.02 2.35 0.00	51.54 2.22 0.00	46.90 2.70 -0.01	41.86 2.62 -0.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.09 1.49 0.00	39.32 1.51 0.00	33.82 1.36 0.00	33.20 1.40 0.00	32.74 1.35 0.00	32.87 1.32 0.00	32.76 1.05 0.00	30.81 0.78 0.00	30.72 0.66 0.00	30.09 0.53 0.00	30.55 0.30 0.00	32.76 0.48 0.01	36.02 0.53 0.10	39.49 0.47 0.19	41.61 0.58 0.23	45.98 0.82 0.25	52.24 1.08 0.15	59.41 0.99 0.00	61.38 1.03 0.00	59.94 1.23 0.00	55.92 1.26 0.00	50.56 1.23 0.00	45.34 1.15 0.00	40.27 1.17 0.03
NCHELSEA_115KV_TR2 355582	44.73 2.13 0.00	39.89 2.08 0.00	34.21 1.75 0.00	33.49 1.69 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.14 1.43 0.00	31.41 1.38 0.00	31.56 1.50 0.00	31.13 1.57 0.00	31.94 1.69 0.00	34.09 1.78 -0.02	37.77 1.96 -0.23	42.00 2.31 -0.47	44.26 2.43 -0.56	48.81 2.82 -0.59	54.76 3.08 -0.37	61.81 3.39 0.00	63.31 2.96 0.00	61.47 2.76 0.00	57.13 2.46 0.00	51.29 1.97 0.00	46.18 1.99 0.00	41.16 1.96 -0.08
NEG CAPITAL____MECHNVIL 23645	44.35 1.75 0.00	39.52 1.70 0.00	33.91 1.46 0.00	33.30 1.49 0.00	32.84 1.44 0.00	32.96 1.42 0.00	32.85 1.14 0.00	31.14 1.11 0.00	31.11 1.05 0.00	30.57 1.01 0.00	31.12 0.88 0.00	33.20 0.94 0.03	36.25 0.96 0.29	39.69 1.06 0.59	41.68 1.11 0.71	45.83 1.18 0.75	52.19 1.33 0.46	60.23 1.81 0.00	62.34 1.99 0.00	60.70 2.00 0.00	56.74 2.08 0.00	51.35 2.02 0.00	46.05 1.86 0.00	40.47 1.45 0.10
NEG CENTRAL_HIGH_ACRES 23767	42.19 -0.64 -0.22	38.25 0.23 -0.21	32.60 0.10 -0.05	31.48 -0.32 0.00	31.14 -0.25 0.00	31.31 -0.25 -0.02	31.09 -0.63 -0.02	29.40 -0.63 0.00	29.46 -0.60 0.00	28.97 -0.59 0.00	29.76 -0.49 0.00	31.74 -0.55 0.00	35.33 -0.25 0.00	38.94 -0.27 0.00	40.85 -0.41 0.00	44.77 -0.64 0.00	50.85 -0.46 0.00	58.07 -0.35 0.00	60.35 0.00 0.00	58.82 0.12 0.00	54.50 -0.16 0.00	49.91 0.20 -0.39	43.97 -0.22 0.00	38.81 -0.31 0.00

NEG CENTRAL___DRP 24199	43.29 0.17 -0.51	39.02 0.72 -0.49	33.11 0.55 -0.11	32.05 0.25 0.00	31.74 0.35 0.00	31.93 0.35 -0.04	31.78 0.03 -0.04	30.06 0.03 0.00	30.06 0.00 0.00	29.50 -0.06 0.00	30.33 0.09 0.00	32.39 0.10 0.00	35.87 0.28 0.00	39.53 0.31 0.00	41.51 0.25 0.00	45.54 0.14 0.00	51.62 0.31 0.00	59.00 0.58 0.00	61.44 1.09 0.00	59.82 1.12 0.00	55.54 0.87 0.00	51.15 0.94 -0.89	44.85 0.66 0.00	39.56 0.43 0.00
NEG CENTRAL___INDECK 23768	44.22 1.62 0.00	40.31 2.50 0.00	34.47 2.01 0.00	33.20 1.40 0.00	32.87 1.48 0.00	33.02 1.48 0.00	32.60 0.89 0.00	30.63 0.60 0.00	30.48 0.42 0.00	29.86 0.30 0.00	30.67 0.42 0.00	32.65 0.36 0.00	36.43 0.85 0.00	40.27 1.06 0.00	42.25 0.99 0.00	46.18 0.77 0.00	52.60 1.28 0.00	60.46 2.04 0.00	63.61 3.26 0.00	62.47 3.76 0.00	58.06 3.39 0.00	52.82 3.50 0.00	46.71 2.52 0.00	41.08 1.96 0.00
NEG CENTRAL___SENECA 23627	43.38 0.47 -0.30	39.20 1.10 -0.29	33.39 0.88 -0.07	32.28 0.48 0.00	31.96 0.57 0.00	32.13 0.57 -0.02	31.96 0.22 -0.02	30.21 0.18 0.00	30.24 0.18 0.00	29.65 0.09 0.00	30.52 0.27 0.00	32.55 0.26 0.00	36.15 0.57 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.86 0.45 0.00	51.98 0.67 0.00	59.41 0.99 0.00	61.98 1.63 0.00	60.35 1.64 0.00	55.98 1.31 0.00	51.23 1.38 -0.53	45.25 1.06 0.00	39.91 0.78 0.00
NEG CENTRAL___STATE_STREET 24147	43.32 0.09 -0.63	38.86 0.45 -0.60	32.95 0.36 -0.14	31.96 0.16 0.00	31.61 0.22 0.00	31.81 0.22 -0.05	31.76 0.00 -0.05	30.03 0.00 0.00	30.06 0.00 0.00	29.47 -0.09 0.00	30.24 0.00 0.00	32.29 0.00 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.35 0.08 0.00	45.40 0.00 0.00	51.52 0.21 0.00	58.83 0.41 0.00	61.20 0.84 0.00	59.59 0.88 0.00	55.32 0.66 0.00	51.15 0.74 -1.09	44.63 0.44 0.00	39.40 0.27 0.00
NEG MILLWOOD___DRP 24198	44.95 2.34 0.00	40.04 2.23 0.00	34.30 1.85 0.00	33.61 1.81 0.00	33.09 1.70 0.00	33.24 1.70 0.00	33.26 1.55 0.00	31.56 1.53 0.00	31.74 1.68 0.00	31.36 1.80 0.00	32.18 1.94 0.00	34.32 2.00 -0.03	38.04 2.21 -0.26	42.32 2.59 -0.52	44.61 2.72 -0.62	49.20 3.13 -0.66	55.11 3.39 -0.41	62.22 3.80 0.00	63.73 3.38 0.00	61.82 3.11 0.00	57.40 2.73 0.00	51.54 2.22 0.00	46.45 2.25 0.00	41.33 2.11 -0.09
NEG NORTH_FLCN_SEA 23793	43.20 0.60 0.00	37.93 0.11 0.00	32.55 0.10 0.00	31.90 0.10 0.00	31.49 0.09 0.00	31.64 0.09 0.00	32.12 0.41 0.00	30.48 0.45 0.00	30.42 0.36 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.52 0.23 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.43 0.17 0.00	45.72 0.32 0.00	51.73 0.41 0.00	58.83 0.41 0.00	61.02 0.66 0.00	59.59 0.88 0.00	55.60 0.93 0.00	50.11 0.79 0.00	44.85 0.66 0.00	39.71 0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	42.82 0.21 0.00	37.55 -0.26 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.17 -0.22 0.00	31.32 -0.22 0.00	31.84 0.13 0.00	30.18 0.15 0.00	30.12 0.06 0.00	29.50 -0.06 0.00	30.06 -0.18 0.00	32.16 -0.13 0.00	35.37 -0.21 0.00	38.90 -0.31 0.00	41.02 -0.25 0.00	45.22 -0.18 0.00	51.16 -0.15 0.00	58.24 -0.18 0.00	60.35 0.00 0.00	58.94 0.23 0.00	55.05 0.38 0.00	49.62 0.30 0.00	44.41 0.22 0.00	39.32 0.20 0.00
NEG NORTH___ALICE_FALLS 23915	43.33 0.72 0.00	38.00 0.19 0.00	32.65 0.19 0.00	31.96 0.16 0.00	31.55 0.16 0.00	31.70 0.16 0.00	32.18 0.48 0.00	30.57 0.54 0.00	30.51 0.45 0.00	29.83 0.27 0.00	30.42 0.18 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.37 0.16 0.00	41.51 0.25 0.00	45.77 0.36 0.00	51.83 0.51 0.00	59.00 0.58 0.00	61.20 0.84 0.00	59.76 1.06 0.00	55.76 1.09 0.00	50.31 0.99 0.00	44.99 0.80 0.00	39.83 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	43.33 0.72 0.00	38.00 0.19 0.00	32.65 0.19 0.00	31.96 0.16 0.00	31.55 0.16 0.00	31.70 0.16 0.00	32.18 0.48 0.00	30.57 0.54 0.00	30.51 0.45 0.00	29.83 0.27 0.00	30.42 0.18 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.37 0.16 0.00	41.51 0.25 0.00	45.77 0.36 0.00	51.83 0.51 0.00	59.00 0.58 0.00	61.20 0.84 0.00	59.76 1.06 0.00	55.76 1.09 0.00	50.31 0.99 0.00	44.99 0.80 0.00	39.83 0.70 0.00
NEG NORTH___PLATTSBURG 23628	43.33 0.72 0.00	38.00 0.19 0.00	32.65 0.20 0.00	31.96 0.16 0.00	31.55 0.16 0.00	31.70 0.16 0.00	32.19 0.48 0.00	30.57 0.54 0.00	30.51 0.45 0.00	29.83 0.27 0.00	30.43 0.18 0.00	32.58 0.29 0.00	35.76 0.18 0.00	39.37 0.16 0.00	41.52 0.25 0.00	45.77 0.36 0.00	51.83 0.51 0.00	59.00 0.58 0.00	61.20 0.84 0.00	59.76 1.06 0.00	55.82 1.15 0.00	50.31 0.99 0.00	44.99 0.80 0.00	39.83 0.71 0.00
NEG WEST_LEA_LOCKPORT 23791	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	31.83 0.03 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.36 -0.35 0.00	29.52 -0.51 0.00	29.76 -0.30 0.00	29.35 -0.21 0.00	30.18 -0.06 0.00	32.06 -0.23 0.00	36.08 0.50 0.00	39.88 0.67 0.00	41.64 0.37 0.00	45.22 -0.18 0.00	51.47 0.15 0.00	58.77 0.35 0.00	61.20 0.84 0.00	59.29 0.59 0.00	54.78 0.11 0.00	50.06 0.74 0.00	44.19 0.00 0.00	39.20 0.08 0.00
NEG WEST___LANCASTR 23811	41.79 -0.81 0.00	38.49 0.68 0.00	32.97 0.52 0.00	31.39 -0.41 0.00	31.23 -0.16 0.00	31.48 -0.06 0.00	30.98 -0.73 0.00	29.40 -0.63 0.00	29.70 -0.36 0.00	29.33 -0.24 0.00	30.27 0.03 0.00	32.16 -0.13 0.00	36.08 0.50 0.00	39.96 0.75 0.00	41.80 0.54 0.00	45.54 0.14 0.00	51.83 0.51 0.00	59.24 0.82 0.00	61.62 1.27 0.00	59.35 0.65 0.00	54.78 0.11 0.00	49.86 0.54 0.00	44.06 -0.13 0.00	38.73 -0.39 0.00
NEG_PENN_ALLEGHNY 23528	42.90 0.30 0.00	38.57 0.76 0.00	33.07 0.62 0.00	32.21 0.41 0.00	31.86 0.47 0.00	32.02 0.47 0.00	31.90 0.19 0.00	30.24 0.21 0.00	30.27 0.21 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.65 0.36 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.89 0.62 0.00	45.99 0.59 0.00	52.13 0.82 0.00	59.53 1.11 0.00	61.74 1.39 0.00	59.88 1.17 0.00	55.65 0.99 0.00	50.26 0.93 0.00	44.86 0.66 0.00	39.63 0.51 0.00
NEG___GEN_MONROE 24207	43.20 0.60 0.00	39.40 1.59 0.00	33.65 1.20 0.00	32.28 0.48 0.00	32.08 0.69 0.00	32.24 0.69 0.00	31.87 0.16 0.00	30.03 0.00 0.00	30.12 0.06 0.00	29.59 0.03 0.00	30.42 0.18 0.00	32.35 0.06 0.00	36.11 0.53 0.00	39.88 0.67 0.00	41.80 0.54 0.00	45.63 0.23 0.00	51.93 0.62 0.00	59.24 0.82 0.00	61.80 1.45 0.00	60.17 1.47 0.00	55.76 1.09 0.00	50.70 1.38 0.00	44.90 0.71 0.00	39.71 0.59 0.00
NEPA___ENERGY 23901	42.77 0.17 0.00	39.40 1.59 0.00	33.75 1.30 0.00	32.18 0.38 0.00	31.99 0.60 0.00	32.20 0.66 0.00	31.74 0.03 0.00	30.09 0.06 0.00	30.33 0.27 0.00	29.98 0.41 0.00	31.00 0.76 0.00	32.94 0.65 0.00	36.93 1.35 0.00	40.82 1.61 0.00	42.75 1.49 0.00	46.59 1.18 0.00	53.01 1.69 0.00	60.58 2.16 0.00	63.01 2.66 0.00	60.64 1.94 0.00	55.98 1.31 0.00	50.95 1.63 0.00	44.99 0.80 0.00	39.63 0.51 0.00

NEVERSINK___HYD 23608	44.22 1.62 0.00	39.40 1.59 0.00	33.78 1.33 0.00	33.01 1.21 0.00	32.58 1.19 0.00	32.74 1.20 0.00	32.75 1.04 0.00	31.02 0.99 0.00	31.14 1.08 0.00	30.71 1.15 0.00	31.48 1.24 0.00	33.66 1.36 -0.02	37.22 1.46 -0.18	41.31 1.72 -0.37	43.57 1.86 -0.44	48.10 2.22 -0.47	54.12 2.51 -0.29	61.22 2.80 0.00	63.01 2.65 0.00	61.17 2.47 0.00	56.74 2.08 0.00	51.00 1.68 0.00	45.83 1.64 0.00	40.80 1.60 -0.07
NEWKRMKL_115KV_TB1 55635	43.33 0.72 0.00	38.68 0.87 0.00	33.33 0.88 0.00	32.75 0.95 0.00	32.30 0.91 0.00	32.42 0.88 0.00	32.37 0.67 0.00	30.57 0.54 0.00	30.57 0.51 0.00	30.06 0.50 0.00	30.58 0.33 0.00	32.65 0.39 0.02	35.64 0.28 0.22	39.04 0.27 0.45	41.01 0.29 0.54	45.14 0.32 0.58	51.27 0.31 0.36	58.77 0.35 0.00	60.53 0.18 0.00	58.82 0.12 0.00	54.89 0.22 0.00	49.52 0.20 0.00	44.55 0.35 0.00	39.28 0.23 0.08
NEWTON___FALLS_HYD 23847	43.63 0.72 -0.31	38.22 0.11 -0.29	32.55 0.03 -0.07	31.80 0.00 0.00	31.49 0.09 0.00	31.72 0.16 -0.02	32.05 0.32 -0.02	30.30 0.27 0.00	30.33 0.27 0.00	29.68 0.12 0.00	30.27 0.03 0.00	32.23 -0.06 0.00	35.33 -0.25 0.00	38.86 -0.35 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	50.96 -0.36 0.00	57.84 -0.58 0.00	60.29 -0.06 0.00	58.94 0.23 0.00	55.00 0.33 0.00	50.45 0.59 -0.53	44.85 0.66 0.00	39.63 0.51 0.00
NGRID_A1_DSASP 323792	41.50 -1.11 0.00	38.45 0.64 0.00	32.91 0.45 0.00	31.45 -0.35 0.00	31.14 -0.25 0.00	31.38 -0.16 0.00	31.14 -0.57 0.00	29.07 -0.96 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.93 -0.33 0.00	44.45 -0.96 0.00	50.39 -0.92 0.00	57.72 -0.70 0.00	60.05 -0.30 0.00	58.06 -0.64 0.00	53.69 -0.98 0.00	49.03 -0.29 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
NGRID_A2_DSASP 323793	41.50 -1.11 0.00	38.45 0.64 0.00	32.91 0.45 0.00	31.45 -0.35 0.00	31.14 -0.25 0.00	31.38 -0.16 0.00	31.14 -0.57 0.00	29.07 -0.96 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.93 -0.33 0.00	44.45 -0.96 0.00	50.39 -0.92 0.00	57.72 -0.70 0.00	60.05 -0.30 0.00	58.06 -0.64 0.00	53.69 -0.98 0.00	49.03 -0.29 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
NGRID_A4_DSASP 323807	41.50 -1.11 0.00	38.45 0.64 0.00	32.91 0.45 0.00	31.45 -0.35 0.00	31.14 -0.25 0.00	31.38 -0.16 0.00	31.14 -0.57 0.00	29.07 -0.96 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.93 -0.33 0.00	44.45 -0.96 0.00	50.39 -0.92 0.00	57.72 -0.70 0.00	60.05 -0.30 0.00	58.06 -0.64 0.00	53.69 -0.98 0.00	49.03 -0.29 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
NIAGARA_115E_LBMP 323715	42.22 -0.38 0.00	39.14 1.32 0.00	33.46 1.01 0.00	31.99 0.19 0.00	31.67 0.28 0.00	31.92 0.38 0.00	30.92 -0.79 0.00	29.13 -0.90 0.00	29.31 -0.75 0.00	28.91 -0.65 0.00	29.76 -0.49 0.00	31.61 -0.68 0.00	35.54 -0.04 0.00	39.29 0.08 0.00	41.02 -0.25 0.00	44.59 -0.82 0.00	50.55 -0.77 0.00	57.95 -0.47 0.00	60.29 -0.06 0.00	58.30 -0.41 0.00	53.90 -0.77 0.00	49.22 -0.10 0.00	43.44 -0.75 0.00	38.70 -0.43 0.00
NIAGARA_115W_LBMP 323714	41.37 -1.24 0.00	38.38 0.57 0.00	32.81 0.36 0.00	31.36 -0.45 0.00	31.05 -0.34 0.00	31.29 -0.25 0.00	31.08 -0.63 0.00	28.98 -1.05 0.00	29.18 -0.87 0.00	28.79 -0.77 0.00	29.61 -0.64 0.00	31.45 -0.84 0.00	35.40 -0.18 0.00	39.10 -0.12 0.00	40.81 -0.45 0.00	44.36 -1.04 0.00	50.29 -1.03 0.00	57.60 -0.82 0.00	59.87 -0.48 0.00	57.88 -0.82 0.00	53.52 -1.15 0.00	48.88 -0.44 0.00	43.18 -1.01 0.00	38.30 -0.82 0.00
NIAGARA_230_LBMP 323716	41.97 -0.64 0.00	38.87 1.06 0.00	33.23 0.78 0.00	31.80 0.00 0.00	31.49 0.09 0.00	31.70 0.16 0.00	31.20 -0.51 0.00	29.40 -0.63 0.00	29.57 -0.48 0.00	29.18 -0.39 0.00	30.00 -0.24 0.00	31.87 -0.42 0.00	35.86 0.28 0.00	39.61 0.39 0.00	41.39 0.12 0.00	44.95 -0.45 0.00	50.96 -0.36 0.00	58.36 -0.06 0.00	60.72 0.36 0.00	58.71 0.00 0.00	54.29 -0.38 0.00	49.52 0.20 0.00	43.79 -0.40 0.00	38.81 -0.31 0.00
NIAGARA___115KV_198_GIBSON 55903	41.37 -1.24 0.00	38.38 0.57 0.00	32.81 0.36 0.00	31.74 -0.06 0.00	31.05 -0.35 0.00	31.26 -0.28 0.00	31.07 -0.63 0.00	28.95 -1.08 0.00	29.19 -0.87 0.00	28.79 -0.77 0.00	29.61 -0.64 0.00	31.45 -0.84 0.00	35.40 -0.18 0.00	39.10 -0.12 0.00	40.81 -0.45 0.00	44.31 -1.09 0.00	50.34 -0.97 0.00	57.48 -0.93 0.00	59.81 -0.54 0.00	57.88 -0.82 0.00	53.46 -1.20 0.00	48.88 -0.44 0.00	43.18 -1.02 0.00	38.27 -0.86 0.00
NIAGARA____ 23760	41.97 -0.64 0.00	38.87 1.06 0.00	33.23 0.78 0.00	31.80 0.00 0.00	31.49 0.09 0.00	31.70 0.16 0.00	31.20 -0.51 0.00	29.40 -0.63 0.00	29.57 -0.48 0.00	29.18 -0.39 0.00	30.00 -0.24 0.00	31.87 -0.42 0.00	35.86 0.28 0.00	39.61 0.39 0.00	41.39 0.12 0.00	44.95 -0.45 0.00	50.96 -0.36 0.00	58.36 -0.06 0.00	60.72 0.36 0.00	58.71 0.00 0.00	54.29 -0.38 0.00	49.52 0.20 0.00	43.79 -0.40 0.00	38.81 -0.31 0.00
NINE_MILE_1 23575	33.62 -1.28 7.71	29.57 -0.91 7.33	30.02 -0.78 1.65	30.94 -0.86 0.00	30.58 -0.82 0.00	30.10 -0.82 0.62	30.10 -0.98 0.63	29.10 -0.93 0.00	29.16 -0.90 0.00	28.68 -0.89 0.00	29.36 -0.88 0.00	31.32 -0.97 0.00	34.62 -0.96 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.09 -1.32 0.00	49.88 -1.44 0.00	56.84 -1.57 0.00	58.90 -1.45 0.00	57.30 -1.41 0.00	53.30 -1.36 0.00	34.76 -1.18 13.38	43.04 -1.15 0.00	38.07 -1.05 0.00
NINE_MILE_2 23744	33.59 -1.24 7.78	29.50 -0.91 7.40	30.00 -0.78 1.67	30.94 -0.86 0.00	30.58 -0.82 0.00	30.10 -0.82 0.63	30.09 -0.98 0.63	29.10 -0.93 0.00	29.16 -0.90 0.00	28.68 -0.89 0.00	29.36 -0.88 0.00	31.35 -0.94 0.00	34.62 -0.96 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.09 -1.32 0.00	49.88 -1.44 0.00	56.90 -1.52 0.00	58.90 -1.45 0.00	57.30 -1.41 0.00	53.30 -1.36 0.00	34.64 -1.18 13.50	43.04 -1.15 0.00	38.07 -1.05 0.00
NM_CAPITAL___DRP 24208	43.33 0.72 0.00	38.72 0.91 0.00	33.36 0.91 0.00	32.79 0.99 0.00	32.33 0.94 0.00	32.46 0.91 0.00	32.41 0.70 0.00	30.60 0.57 0.00	30.63 0.57 0.00	30.12 0.56 0.00	30.64 0.39 0.00	32.72 0.45 0.03	35.72 0.39 0.25	39.06 0.35 0.50	41.07 0.41 0.61	45.22 0.45 0.64	51.33 0.41 0.40	58.89 0.47 0.00	60.66 0.30 0.00	58.94 0.23 0.00	55.00 0.33 0.00	49.57 0.25 0.00	44.59 0.40 0.00	39.35 0.31 0.09
NM_CENTRAL___DRP 24181	42.38 -0.47 -0.24	37.93 -0.11 -0.23	32.38 -0.13 -0.05	31.55 -0.25 0.00	31.20 -0.19 0.00	31.37 -0.19 -0.02	31.35 -0.38 -0.02	29.67 -0.36 0.00	29.70 -0.36 0.00	29.18 -0.38 0.00	29.94 -0.30 0.00	31.97 -0.32 0.00	35.33 -0.25 0.00	38.94 -0.27 0.00	40.89 -0.37 0.00	44.95 -0.45 0.00	50.96 -0.36 0.00	58.07 -0.35 0.00	60.23 -0.12 0.00	58.65 -0.06 0.00	54.45 -0.22 0.00	49.64 -0.10 -0.42	43.97 -0.22 0.00	38.85 -0.27 0.00

NM_FRONTIER___DRP 24179	41.37 -1.24 0.00	38.38 0.57 0.00	32.81 0.36 0.00	31.74 -0.06 0.00	31.05 -0.35 0.00	31.26 -0.28 0.00	31.07 -0.63 0.00	28.95 -1.08 0.00	29.19 -0.87 0.00	28.79 -0.77 0.00	29.61 -0.64 0.00	31.45 -0.84 0.00	35.40 -0.18 0.00	39.10 -0.12 0.00	40.81 -0.45 0.00	44.31 -1.09 0.00	50.34 -0.97 0.00	57.48 -0.93 0.00	59.81 -0.54 0.00	57.88 -0.82 0.00	53.46 -1.20 0.00	48.88 -0.44 0.00	43.18 -1.02 0.00	38.27 -0.86 0.00
NM_ST_REGIS___HYD 24053	43.37 0.77 0.00	37.89 0.08 0.00	32.52 0.06 0.00	31.83 0.03 0.00	31.45 0.06 0.00	31.64 0.09 0.00	32.15 0.44 0.00	30.51 0.48 0.00	30.48 0.42 0.00	29.83 0.27 0.00	30.42 0.18 0.00	32.52 0.23 0.00	35.65 0.07 0.00	39.22 0.00 0.00	41.35 0.08 0.00	45.59 0.18 0.00	51.42 0.10 0.00	58.07 -0.35 0.00	60.29 -0.06 0.00	58.88 0.18 0.00	55.00 0.33 0.00	49.96 0.64 0.00	44.90 0.71 0.00	39.79 0.67 0.00
NORTHPORT___1 23551	45.55 2.94 -0.01	40.92 3.10 -0.01	34.85 2.40 0.00	33.87 2.07 0.00	33.40 2.01 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.77 1.74 0.00	32.19 2.13 0.00	32.05 2.48 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.62 2.95 -4.09	43.09 3.25 -0.62	44.73 2.77 -0.70	45.02 2.63 3.02	45.24 2.56 8.64	47.92 3.04 13.54	51.32 2.17 11.21	51.85 1.82 8.68	48.49 0.76 6.94	45.02 0.49 4.80	44.76 0.57 0.00	42.02 2.78 -0.11
NORTHPORT___2 23552	45.55 2.94 -0.01	40.92 3.10 -0.01	34.85 2.40 0.00	33.87 2.07 0.00	33.40 2.01 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.77 1.74 0.00	32.19 2.13 0.00	32.05 2.48 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.62 2.95 -4.09	43.09 3.25 -0.62	44.73 2.77 -0.70	45.02 2.63 3.02	45.24 2.56 8.64	47.92 3.04 13.54	51.32 2.17 11.21	51.85 1.82 8.68	48.49 0.76 6.94	45.02 0.49 4.80	44.76 0.57 0.00	42.02 2.78 -0.11
NORTHPORT___3 23553	44.91 2.30 -0.01	40.28 2.46 -0.01	34.30 1.85 0.00	33.39 1.59 0.00	32.87 1.48 0.00	32.84 1.29 0.00	32.94 1.24 0.00	31.32 1.29 0.00	31.74 1.68 0.00	31.57 2.01 0.00	32.46 2.21 -0.01	41.34 2.33 -6.72	42.05 2.38 -4.09	42.42 2.59 -0.62	44.31 2.35 -0.69	44.75 2.36 3.02	44.95 2.26 8.62	47.37 2.57 13.61	50.84 1.75 11.27	51.45 1.41 8.66	48.27 0.55 6.95	44.82 0.30 4.80	44.58 0.40 0.01	41.47 2.23 -0.11
NORTHPORT___4 23650	44.91 2.30 -0.01	40.28 2.46 -0.01	34.30 1.85 0.00	33.39 1.59 0.00	32.87 1.48 0.00	32.84 1.29 0.00	32.94 1.24 0.00	31.32 1.29 0.00	31.74 1.68 0.00	31.57 2.01 0.00	32.46 2.21 -0.01	41.34 2.33 -6.72	42.05 2.38 -4.09	42.42 2.59 -0.62	44.31 2.35 -0.69	44.75 2.36 3.02	44.95 2.26 8.62	47.37 2.57 13.61	50.84 1.75 11.27	51.45 1.41 8.66	48.27 0.55 6.95	44.82 0.30 4.80	44.58 0.40 0.01	41.47 2.23 -0.11
NORTHPORT___IC 23718	45.59 2.98 0.00	40.91 3.10 0.00	34.85 2.40 0.00	34.03 2.23 0.00	33.40 2.01 0.00	33.37 1.83 0.00	33.45 1.74 0.00	31.98 1.95 0.00	32.19 2.13 0.00	32.04 2.48 0.00	32.90 2.66 0.00	41.79 2.78 -6.72	42.62 2.95 -4.09	43.09 3.25 -0.62	44.72 2.76 -0.69	45.02 2.63 3.02	45.19 2.51 8.64	47.98 3.10 13.54	51.32 2.17 11.21	51.85 1.82 8.68	48.55 0.82 6.94	45.02 0.49 4.80	44.85 0.66 0.00	42.01 2.78 -0.10
NORTH___COUNTRY_ESR 323785	42.69 0.09 0.00	37.43 -0.38 0.00	32.16 -0.29 0.00	31.51 -0.29 0.00	31.11 -0.28 0.00	31.26 -0.28 0.00	31.77 0.06 0.00	30.12 0.09 0.00	30.09 0.03 0.00	29.47 -0.09 0.00	30.06 -0.18 0.00	32.13 -0.16 0.00	35.33 -0.25 0.00	38.90 -0.32 0.00	40.98 -0.29 0.00	45.18 -0.23 0.00	51.11 -0.20 0.00	58.13 -0.29 0.00	60.23 -0.12 0.00	58.82 0.12 0.00	54.94 0.27 0.00	49.47 0.15 0.00	44.28 0.09 0.00	39.24 0.12 0.00
NPX_GEN_1385_PROXY 323591	45.25 2.64 -0.01	40.81 2.99 -0.01	34.72 2.27 0.00	33.77 1.97 0.00	33.40 2.01 0.00	33.37 1.83 0.00	33.40 1.74 0.05	31.73 1.65 -0.05	32.01 1.95 0.00	31.87 2.31 0.00	32.43 2.18 -0.01	34.00 2.16 0.45	35.44 2.24 2.38	36.60 2.51 5.13	40.03 1.98 3.22	44.38 2.00 3.02	45.09 2.41 8.64	47.80 2.92 13.54	51.20 2.05 11.21	51.79 1.76 8.68	48.60 0.87 6.94	44.63 0.10 4.80	44.21 -0.09 -0.11	41.03 2.03 0.13
NPX_GEN_CSC 323557	45.59 2.98 -0.01	40.77 2.95 -0.01	34.63 2.17 0.00	33.64 1.84 0.00	33.18 1.79 0.00	33.09 1.55 0.00	33.12 1.46 0.05	31.58 1.50 -0.05	32.04 1.98 0.00	31.93 2.37 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.81 3.13 -4.09	43.37 3.53 -0.62	45.31 3.34 -0.70	49.36 3.45 -0.51	54.65 3.44 0.10	62.51 4.09 0.00	63.49 3.14 0.00	60.87 2.70 0.53	55.69 1.53 0.50	50.16 1.18 0.35	45.36 1.06 -0.11	41.99 2.85 -0.01
NSINS_S_GLNS_FALLS 23858	44.18 1.58 0.00	39.29 1.47 0.00	33.69 1.23 0.00	33.10 1.30 0.00	32.58 1.19 0.00	32.71 1.17 0.00	32.57 0.86 0.00	31.26 1.23 0.00	31.23 1.17 0.00	30.63 1.06 0.00	31.03 0.79 0.00	33.10 0.84 0.03	36.11 0.78 0.25	39.52 0.82 0.51	41.47 0.83 0.62	45.07 0.32 0.66	51.27 0.36 0.40	59.30 0.88 0.00	61.80 1.45 0.00	60.29 1.59 0.00	56.58 1.91 0.00	51.25 1.92 0.00	45.96 1.77 0.00	40.36 1.33 0.09
NUCOR_STEEL___DRP 24197	43.33 0.04 -0.68	38.87 0.42 -0.65	32.92 0.32 -0.15	31.96 0.16 0.00	31.61 0.22 0.00	31.79 0.19 -0.05	31.73 -0.03 -0.06	30.00 -0.03 0.00	30.00 -0.06 0.00	29.44 -0.12 0.00	30.18 -0.06 0.00	32.26 -0.03 0.00	35.65 0.07 0.00	39.29 0.08 0.00	41.27 0.00 0.00	45.31 -0.09 0.00	51.47 0.15 0.00	58.71 0.29 0.00	61.08 0.72 0.00	59.47 0.76 0.00	55.27 0.60 0.00	51.14 0.64 -1.18	44.63 0.44 0.00	39.40 0.27 0.00
NUMBER_THREE_WT_PWR 323818	43.89 0.94 -0.35	38.44 0.30 -0.33	32.69 0.16 -0.07	31.96 0.16 0.00	31.71 0.31 0.00	31.98 0.41 -0.03	32.05 0.32 -0.03	30.30 0.27 0.00	30.45 0.39 0.00	29.77 0.21 0.00	30.36 0.12 0.00	32.13 -0.16 0.00	35.22 -0.36 0.00	38.75 -0.47 0.00	40.93 -0.33 0.00	45.00 -0.41 0.00	51.11 -0.20 0.00	58.24 -0.17 0.00	60.83 0.48 0.00	59.47 0.76 0.00	55.43 0.76 0.00	50.71 0.79 -0.60	44.81 0.62 0.00	39.60 0.47 0.00
NYISO_LBMP_REFERENCE 24008	42.60 0.00 0.00	37.81 0.00 0.00	32.45 0.00 0.00	31.80 0.00 0.00	31.39 0.00 0.00	31.54 0.00 0.00	31.71 0.00 0.00	30.03 0.00 0.00	30.06 0.00 0.00	29.56 0.00 0.00	30.24 0.00 0.00	32.29 0.00 0.00	35.58 0.00 0.00	39.22 0.00 0.00	41.27 0.00 0.00	45.40 0.00 0.00	51.32 0.00 0.00	58.42 0.00 0.00	60.35 0.00 0.00	58.71 0.00 0.00	54.67 0.00 0.00	49.32 0.00 0.00	44.19 0.00 0.00	39.13 0.00 0.00
NYPA_BRENTWD____GT 24164	46.28 3.66 -0.01	41.45 3.63 -0.01	35.24 2.79 0.00	34.25 2.45 0.00	33.75 2.36 0.00	33.69 2.15 0.00	33.77 2.06 0.00	32.10 2.07 0.00	32.55 2.49 0.00	32.40 2.84 0.00	33.34 3.09 -0.01	42.27 3.26 -6.72	43.24 3.56 -4.10	43.85 4.00 -0.63	45.73 3.75 -0.70	49.92 3.81 -0.70	55.68 3.90 -0.46	63.07 4.61 -0.03	64.19 3.80 -0.03	62.06 3.34 0.00	56.21 2.19 0.64	50.65 1.77 0.45	45.83 1.64 0.00	42.68 3.44 -0.11

OAKDALE___35_KV_LOAD 356122	42.82 0.21 0.00	38.49 0.68 0.00	33.00 0.55 0.00	32.12 0.32 0.00	31.80 0.41 0.00	31.95 0.41 0.00	31.84 0.13 0.00	30.15 0.12 0.00	30.21 0.15 0.00	29.71 0.15 0.00	30.55 0.30 0.00	32.58 0.29 0.00	36.08 0.50 0.00	39.80 0.59 0.00	41.84 0.58 0.00	45.90 0.50 0.00	52.03 0.72 0.00	59.35 0.93 0.00	61.50 1.15 0.00	59.70 1.00 0.00	55.43 0.77 0.00	50.11 0.79 0.00	44.72 0.53 0.00	39.52 0.39 0.00
OCC_CHEM___DRP 24175	41.45 -1.15 0.00	38.46 0.64 0.00	32.91 0.45 0.00	31.77 -0.03 0.00	31.14 -0.25 0.00	31.35 -0.19 0.00	31.14 -0.57 0.00	29.01 -1.02 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.94 -0.33 0.00	44.41 -1.00 0.00	50.49 -0.82 0.00	57.66 -0.76 0.00	59.99 -0.36 0.00	58.06 -0.65 0.00	53.63 -1.04 0.00	49.03 -0.30 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
OH_GEN_PROXY 24063	41.80 -0.64 0.17	39.00 1.02 -0.17	33.20 0.75 0.00	31.77 -0.03 0.00	31.45 0.06 0.00	31.70 0.16 0.00	31.15 -0.51 0.05	29.48 -0.60 -0.05	29.57 -0.48 0.00	29.18 -0.39 0.00	30.03 -0.21 0.00	31.90 -0.39 0.00	35.90 0.32 0.00	39.65 0.43 0.00	41.43 0.17 0.00	45.04 -0.36 0.00	51.06 -0.26 0.00	58.48 0.06 0.00	60.83 0.48 0.00	58.82 0.12 0.00	54.40 -0.27 0.00	49.62 0.30 0.00	43.90 -0.40 -0.11	38.70 -0.31 0.11
OLIN_CORP_DRP 24177	42.22 -0.38 0.00	39.14 1.32 0.00	33.49 1.04 0.00	31.42 -0.38 0.00	31.71 0.31 0.00	31.92 0.38 0.00	30.98 -0.73 0.00	29.13 -0.90 0.00	29.37 -0.69 0.00	28.97 -0.59 0.00	29.82 -0.42 0.00	31.68 -0.61 0.00	35.62 0.04 0.00	39.37 0.16 0.00	41.14 -0.12 0.00	44.63 -0.77 0.00	50.75 -0.56 0.00	58.01 -0.41 0.00	60.35 0.00 0.00	58.41 -0.29 0.00	53.96 -0.71 0.00	49.32 0.00 0.00	43.57 -0.62 0.00	38.73 -0.39 0.00
OLIN_CORP_DSASP 323712	41.50 -1.11 0.00	38.45 0.64 0.00	32.91 0.45 0.00	31.45 -0.35 0.00	31.14 -0.25 0.00	31.38 -0.16 0.00	31.14 -0.57 0.00	29.07 -0.96 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.93 -0.33 0.00	44.45 -0.96 0.00	50.39 -0.92 0.00	57.72 -0.70 0.00	60.05 -0.30 0.00	58.06 -0.64 0.00	53.69 -0.98 0.00	49.03 -0.29 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
ONEIDA_HERK_LFGE 323681	43.50 0.90 0.00	38.45 0.64 0.00	32.94 0.49 0.00	32.25 0.44 0.00	31.96 0.57 0.00	32.20 0.66 0.00	32.25 0.54 0.00	30.51 0.48 0.00	30.57 0.51 0.00	29.94 0.38 0.00	30.58 0.33 0.00	32.55 0.26 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.52 0.25 0.00	45.63 0.23 0.00	51.83 0.51 0.00	59.12 0.70 0.00	61.50 1.14 0.00	60.00 1.29 0.00	55.93 1.26 0.00	50.46 1.14 0.00	45.12 0.93 0.00	39.83 0.71 0.00
ONEIDA___115KV_TB4 55905	43.58 0.98 0.00	38.76 0.95 0.00	33.23 0.78 0.00	32.50 0.70 0.00	32.18 0.78 0.00	32.42 0.88 0.00	32.37 0.67 0.00	30.63 0.60 0.00	30.63 0.57 0.00	30.01 0.44 0.00	30.70 0.45 0.00	32.77 0.48 0.00	36.04 0.46 0.00	39.73 0.51 0.00	41.84 0.58 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.65 1.23 0.00	62.10 1.75 0.00	60.58 1.88 0.00	56.42 1.75 0.00	50.85 1.53 0.00	45.43 1.24 0.00	40.10 0.98 0.00
ONONDAGA_REF_OCCRA 23987	42.51 -0.34 -0.25	38.05 0.00 -0.24	32.47 -0.03 -0.05	31.64 -0.16 0.00	31.30 -0.09 0.00	31.47 -0.09 -0.02	31.44 -0.29 -0.02	29.76 -0.27 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.03 -0.21 0.00	32.06 -0.23 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.09 -0.32 0.00	51.11 -0.21 0.00	58.30 -0.12 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.67 0.00 0.00	49.80 0.05 -0.43	44.15 -0.04 0.00	39.01 -0.12 0.00
ONONDAGA___COGEN 23986	43.12 -0.30 -0.81	38.62 0.04 -0.77	32.63 0.00 -0.17	31.67 -0.13 0.00	31.33 -0.06 0.00	31.51 -0.09 -0.07	31.49 -0.29 -0.07	29.76 -0.27 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.00 -0.24 0.00	32.06 -0.23 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.11 -0.21 0.00	58.24 -0.18 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.72 0.05 0.00	50.83 0.10 -1.41	44.15 -0.04 0.00	39.05 -0.08 0.00
ONTARIO___LFGE 23819	43.38 0.47 -0.30	39.20 1.10 -0.29	33.40 0.88 -0.07	32.31 0.51 0.00	31.96 0.57 0.00	32.16 0.60 -0.02	31.96 0.22 -0.02	30.24 0.21 0.00	30.24 0.18 0.00	29.65 0.09 0.00	30.51 0.27 0.00	32.55 0.26 0.00	36.15 0.57 0.00	39.84 0.63 0.00	41.84 0.58 0.00	45.86 0.45 0.00	51.93 0.62 0.00	59.41 0.99 0.00	61.98 1.63 0.00	60.35 1.64 0.00	55.98 1.31 0.00	51.23 1.38 -0.53	45.25 1.06 0.00	39.91 0.78 0.00
ORANGEVILLE_WT_PWR 323706	42.65 0.04 0.00	39.21 1.40 0.00	33.56 1.10 0.00	32.21 0.41 0.00	31.89 0.50 0.00	32.11 0.57 0.00	31.58 -0.13 0.00	29.76 -0.27 0.00	29.82 -0.24 0.00	29.36 -0.21 0.00	30.24 0.00 0.00	32.16 -0.13 0.00	36.04 0.46 0.00	39.88 0.67 0.00	41.80 0.54 0.00	45.54 0.14 0.00	51.68 0.36 0.00	59.12 0.70 0.00	61.68 1.33 0.00	59.88 1.17 0.00	55.54 0.87 0.00	50.56 1.23 0.00	44.76 0.57 0.00	39.52 0.39 0.00
ORANGEVILLE___ESR 323794	42.65 0.04 0.00	39.21 1.40 0.00	33.56 1.10 0.00	32.21 0.41 0.00	31.89 0.50 0.00	32.11 0.57 0.00	31.58 -0.13 0.00	29.76 -0.27 0.00	29.82 -0.24 0.00	29.36 -0.21 0.00	30.24 0.00 0.00	32.16 -0.13 0.00	36.04 0.46 0.00	39.88 0.67 0.00	41.80 0.54 0.00	45.54 0.14 0.00	51.68 0.36 0.00	59.12 0.70 0.00	61.68 1.33 0.00	59.88 1.17 0.00	55.54 0.87 0.00	50.56 1.23 0.00	44.76 0.57 0.00	39.52 0.39 0.00
OSWEGATCHIE___HYD 24044	43.63 0.72 -0.31	38.22 0.11 -0.29	32.55 0.03 -0.07	31.80 0.00 0.00	31.49 0.09 0.00	31.72 0.16 -0.02	32.05 0.32 -0.02	30.30 0.27 0.00	30.33 0.27 0.00	29.68 0.12 0.00	30.27 0.03 0.00	32.23 -0.06 0.00	35.33 -0.25 0.00	38.86 -0.35 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	50.96 -0.36 0.00	57.84 -0.58 0.00	60.29 -0.06 0.00	58.94 0.24 0.00	55.10 0.44 0.00	50.45 0.59 -0.53	44.86 0.66 0.00	39.63 0.51 0.00
OSWEGO___5 23606	46.58 -0.94 -4.92	41.89 -0.61 -4.68	32.99 -0.52 -1.06	31.20 -0.61 0.00	30.79 -0.60 0.00	31.37 -0.57 -0.40	31.38 -0.73 -0.40	29.34 -0.69 0.00	29.37 -0.69 0.00	28.88 -0.68 0.00	29.58 -0.67 0.00	31.58 -0.71 0.00	34.87 -0.71 0.00	38.43 -0.78 0.00	40.40 -0.87 0.00	44.41 -1.00 0.00	50.29 -1.03 0.00	57.31 -1.11 0.00	59.39 -0.97 0.00	57.76 -0.94 0.00	53.74 -0.93 0.00	57.07 -0.79 -8.54	43.40 -0.79 0.00	38.38 -0.74 0.00
OSWEGO___6 23613	46.58 -0.94 -4.92	41.89 -0.61 -4.68	32.99 -0.52 -1.06	31.20 -0.61 0.00	30.79 -0.60 0.00	31.37 -0.57 -0.40	31.38 -0.73 -0.40	29.34 -0.69 0.00	29.37 -0.69 0.00	28.88 -0.68 0.00	29.58 -0.67 0.00	31.58 -0.71 0.00	34.87 -0.71 0.00	38.43 -0.78 0.00	40.40 -0.87 0.00	44.41 -1.00 0.00	50.29 -1.03 0.00	57.31 -1.11 0.00	59.39 -0.97 0.00	57.76 -0.94 0.00	53.74 -0.93 0.00	57.07 -0.79 -8.54	43.40 -0.79 0.00	38.38 -0.74 0.00

OUTOKUMPU-AB___DRP 24206	42.56 -0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.18 0.38 0.00	31.93 0.53 0.00	32.14 0.60 0.00	31.61 -0.10 0.00	29.67 -0.36 0.00	29.97 -0.09 0.00	29.56 0.00 0.00	30.42 0.18 0.00	32.32 0.03 0.00	36.33 0.75 0.00	40.20 0.98 0.00	41.97 0.70 0.00	45.59 0.18 0.00	51.88 0.56 0.00	59.30 0.88 0.00	61.68 1.33 0.00	59.65 0.94 0.00	55.05 0.38 0.00	50.31 0.99 0.00	44.41 0.22 0.00	39.32 0.20 0.00
OXBOW___BTM 323836	42.09 -0.51 0.00	38.99 1.17 0.00	33.36 0.91 0.00	31.90 0.10 0.00	31.58 0.19 0.00	31.82 0.28 0.00	31.42 -0.29 0.00	29.43 -0.60 0.00	29.67 -0.39 0.00	29.27 -0.30 0.00	30.12 -0.12 0.00	32.00 -0.29 0.00	35.97 0.39 0.00	39.76 0.55 0.00	41.56 0.29 0.00	45.13 -0.27 0.00	51.21 -0.10 0.00	58.71 0.29 0.00	61.02 0.67 0.00	59.00 0.30 0.00	54.50 -0.16 0.00	49.77 0.44 0.00	43.97 -0.22 0.00	38.93 -0.19 0.00
OXBOW___ 24026	42.09 -0.51 0.00	38.98 1.17 0.00	33.36 0.91 0.00	32.02 0.22 0.00	31.58 0.19 0.00	31.79 0.25 0.00	31.42 -0.29 0.00	29.40 -0.63 0.00	29.67 -0.39 0.00	29.27 -0.30 0.00	30.12 -0.12 0.00	32.00 -0.29 0.00	35.97 0.39 0.00	39.76 0.55 0.00	41.55 0.29 0.00	45.09 -0.32 0.00	51.32 0.00 0.00	58.59 0.18 0.00	61.02 0.66 0.00	59.00 0.29 0.00	54.45 -0.22 0.00	49.77 0.44 0.00	43.97 -0.22 0.00	38.93 -0.20 0.00
OXY_CHEM_DSASP 323612	41.45 -1.15 0.00	38.46 0.64 0.00	32.91 0.45 0.00	31.77 -0.03 0.00	31.14 -0.25 0.00	31.35 -0.19 0.00	31.14 -0.57 0.00	29.01 -1.02 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.94 -0.33 0.00	44.41 -1.00 0.00	50.49 -0.82 0.00	57.66 -0.76 0.00	59.99 -0.36 0.00	58.06 -0.65 0.00	53.63 -1.04 0.00	49.03 -0.30 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
OZONE_PARK_ESR 323760	45.54 2.94 0.00	40.57 2.76 0.00	34.79 2.34 0.00	33.96 2.16 0.00	33.43 2.04 0.00	33.56 2.02 0.00	33.61 1.90 0.00	31.98 1.95 0.00	32.22 2.16 0.00	31.93 2.36 0.00	32.75 2.51 0.00	35.06 2.74 -0.03	38.89 3.02 -0.29	43.25 3.45 -0.59	45.60 3.63 -0.70	50.24 4.09 -0.75	55.93 4.16 -0.46	62.92 4.50 0.00	64.34 3.98 0.00	62.29 3.58 0.00	58.00 3.33 0.00	51.99 2.66 0.00	46.98 2.78 0.00	41.89 2.66 -0.10
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	41.45 -1.15 0.00	38.46 0.64 0.00	32.91 0.45 0.00	31.77 -0.03 0.00	31.14 -0.25 0.00	31.35 -0.19 0.00	31.14 -0.57 0.00	29.01 -1.02 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.94 -0.33 0.00	44.41 -1.00 0.00	50.49 -0.82 0.00	57.66 -0.76 0.00	59.99 -0.36 0.00	58.06 -0.65 0.00	53.63 -1.04 0.00	49.03 -0.30 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
PACKARD___115KV_DUPONT_184 80571	41.45 -1.15 0.00	38.46 0.64 0.00	32.91 0.45 0.00	31.77 -0.03 0.00	31.14 -0.25 0.00	31.35 -0.19 0.00	31.14 -0.57 0.00	29.01 -1.02 0.00	29.25 -0.81 0.00	28.85 -0.71 0.00	29.70 -0.54 0.00	31.55 -0.74 0.00	35.47 -0.11 0.00	39.22 0.00 0.00	40.94 -0.33 0.00	44.41 -1.00 0.00	50.49 -0.82 0.00	57.66 -0.76 0.00	59.99 -0.36 0.00	58.06 -0.65 0.00	53.63 -1.04 0.00	49.03 -0.30 0.00	43.31 -0.88 0.00	38.38 -0.74 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.46 2.85 0.00	40.57 2.76 0.00	34.76 2.30 0.00	33.96 2.16 0.00	33.43 2.04 0.00	33.59 2.05 0.00	33.52 1.81 0.00	31.86 1.83 0.00	32.04 1.98 0.00	31.84 2.28 0.00	32.54 2.30 0.00	34.97 2.65 -0.03	38.79 2.92 -0.29	43.02 3.22 -0.59	45.31 3.34 -0.70	49.87 3.72 -0.75	55.42 3.64 -0.46	61.69 3.27 0.00	63.25 2.90 0.00	61.23 2.52 0.00	57.18 2.51 0.00	51.54 2.22 0.00	46.80 2.61 0.00	41.81 2.58 -0.10
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.01 3.41 0.00	41.06 3.25 0.00	35.18 2.73 0.00	34.38 2.58 0.00	33.81 2.42 0.00	33.97 2.43 0.00	33.83 2.12 0.00	32.13 2.10 0.00	32.28 2.22 0.00	32.04 2.48 0.00	32.75 2.51 0.00	35.19 2.87 -0.03	39.00 3.13 -0.29	43.25 3.45 -0.59	45.60 3.63 -0.70	50.15 4.00 -0.75	55.78 4.00 -0.46	62.16 3.74 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.62 2.95 0.00	51.94 2.61 0.00	47.20 3.01 0.00	42.16 2.93 -0.10
PATROON___115KV_TB1 80586	43.46 0.85 0.00	38.80 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.36 0.97 0.00	32.49 0.95 0.00	32.44 0.73 0.00	30.63 0.60 0.00	30.63 0.57 0.00	30.12 0.56 0.00	30.67 0.42 0.00	32.72 0.45 0.02	35.74 0.39 0.23	39.10 0.35 0.47	41.12 0.41 0.56	45.26 0.45 0.60	51.36 0.41 0.37	58.95 0.53 0.00	60.72 0.36 0.00	59.06 0.35 0.00	55.05 0.38 0.00	49.67 0.35 0.00	44.68 0.49 0.00	39.39 0.35 0.08
PATTRSNVILLE___SOLAR 323815	44.05 1.45 0.00	39.25 1.44 0.00	33.69 1.23 0.00	33.07 1.27 0.00	32.61 1.22 0.00	32.77 1.23 0.00	32.66 0.95 0.00	30.75 0.72 0.00	30.66 0.60 0.00	30.06 0.50 0.00	30.73 0.48 0.00	32.72 0.45 0.02	35.85 0.46 0.19	39.39 0.55 0.38	41.35 0.54 0.45	45.56 0.64 0.48	51.74 0.72 0.30	59.59 1.17 0.00	61.74 1.39 0.00	60.35 1.64 0.00	56.47 1.80 0.00	51.05 1.73 0.00	45.78 1.59 0.00	40.35 1.29 0.07
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.22 -0.38 0.00	38.98 1.17 0.00	33.36 0.91 0.00	31.74 -0.06 0.00	31.61 0.22 0.00	31.83 0.28 0.00	31.30 -0.41 0.00	29.64 -0.39 0.00	29.94 -0.12 0.00	29.59 0.03 0.00	30.52 0.27 0.00	32.42 0.13 0.00	36.40 0.82 0.00	40.31 1.10 0.00	42.13 0.87 0.00	45.90 0.50 0.00	52.24 0.92 0.00	59.70 1.29 0.00	62.10 1.75 0.00	59.88 1.17 0.00	55.21 0.55 0.00	50.31 0.99 0.00	44.46 0.27 0.00	39.13 0.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.95 2.34 0.00	40.04 2.23 0.00	34.30 1.85 0.00	33.61 1.81 0.00	33.09 1.70 0.00	33.24 1.70 0.00	33.26 1.55 0.00	31.56 1.53 0.00	31.74 1.68 0.00	31.36 1.80 0.00	32.18 1.94 0.00	34.32 2.00 -0.03	38.04 2.21 -0.26	42.32 2.59 -0.52	44.61 2.72 -0.62	49.20 3.13 -0.66	55.11 3.39 -0.41	62.22 3.80 0.00	63.73 3.38 0.00	61.82 3.11 0.00	57.40 2.73 0.00	51.54 2.22 0.00	46.45 2.25 0.00	41.33 2.11 -0.09
PEEKSKILL___ 23653	44.61 2.00 0.00	39.78 1.97 0.00	34.11 1.65 0.00	33.36 1.56 0.00	32.87 1.48 0.00	33.02 1.48 0.00	33.04 1.33 0.00	31.38 1.35 0.00	31.59 1.53 0.00	31.25 1.68 0.00	32.09 1.85 0.00	34.29 1.97 -0.03	38.03 2.17 -0.28	42.26 2.47 -0.57	44.51 2.56 -0.69	49.00 2.86 -0.73	54.74 2.98 -0.45	61.57 3.15 0.00	63.13 2.78 0.00	61.11 2.41 0.00	56.80 2.13 0.00	51.00 1.68 0.00	46.00 1.81 0.00	41.03 1.80 -0.10
PGE MADISON___WINDPWR 24146	45.41 2.81 0.00	40.65 2.84 0.00	34.79 2.34 0.00	33.90 2.10 0.00	33.71 2.32 0.00	34.10 2.55 0.00	33.87 2.16 0.00	31.95 1.92 0.00	31.65 1.59 0.00	30.77 1.21 0.00	31.36 1.12 0.00	33.58 1.29 0.00	36.90 1.32 0.00	40.59 1.37 0.00	42.92 1.65 0.00	47.22 1.82 0.00	54.08 2.77 0.00	62.21 3.80 0.00	65.67 5.31 0.00	64.22 5.52 0.00	59.86 5.20 0.00	54.01 4.69 0.00	48.03 3.84 0.00	42.37 3.25 0.00

PIERCEFIELD___HYD 23852	43.37 0.77 0.00	37.85 0.04 0.00	32.49 0.03 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.60 0.06 0.00	32.12 0.41 0.00	30.45 0.42 0.00	30.45 0.39 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.48 0.19 0.00	35.62 0.04 0.00	39.18 -0.04 0.00	41.31 0.04 0.00	45.50 0.09 0.00	51.26 -0.05 0.00	57.84 -0.58 0.00	60.05 -0.30 0.00	58.65 -0.06 0.00	54.78 0.11 0.00	49.86 0.54 0.00	44.85 0.66 0.00	39.75 0.63 0.00
PINELAWN_CC_1 323563	46.02 3.41 -0.01	41.15 3.33 -0.01	35.02 2.56 0.00	34.06 2.26 0.00	33.53 2.14 0.00	33.50 1.96 0.00	33.61 1.90 0.00	31.92 1.89 0.00	32.37 2.31 0.00	32.19 2.63 0.00	33.09 2.84 -0.01	42.02 3.00 -6.72	43.05 3.31 -4.16	43.60 3.73 -0.66	45.65 3.67 -0.71	49.37 3.31 -0.65	54.85 3.29 -0.24	62.28 3.85 0.00	63.43 3.08 0.00	61.20 2.70 0.21	56.05 1.64 0.25	50.48 1.33 0.17	45.91 1.72 0.00	42.45 3.21 -0.11
PJM_GEN_HTTP_PROXY 323702	45.03 2.43 0.00	40.12 2.31 0.00	34.40 1.95 0.00	33.58 1.78 0.00	33.09 1.69 0.00	33.24 1.70 0.00	33.25 1.58 0.05	31.70 1.62 -0.05	31.89 1.83 0.00	31.60 2.04 0.00	32.42 2.18 0.00	34.71 2.39 -0.03	38.50 2.63 -0.29	42.78 2.98 -0.59	45.10 3.13 -0.70	49.65 3.50 -0.75	55.37 3.59 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.24 2.57 0.00	51.39 2.07 0.00	46.51 2.21 -0.11	41.31 2.19 0.00
PJM_GEN_KEystone 24065	43.20 0.60 0.00	39.06 1.25 0.00	33.49 1.04 0.00	32.44 0.64 0.00	32.05 0.66 0.00	32.23 0.69 0.00	32.01 0.35 0.05	30.50 0.42 -0.05	30.60 0.54 0.00	30.27 0.71 0.00	31.18 0.94 0.00	33.24 0.94 -0.02	37.01 1.28 -0.15	41.06 1.53 -0.31	43.12 1.48 -0.38	47.30 1.50 -0.40	53.20 1.64 -0.25	60.29 1.87 0.00	63.06 1.81 -0.90	59.16 1.35 0.90	55.65 0.99 0.00	50.26 0.93 0.00	45.05 0.75 -0.11	39.78 0.71 0.05
PJM_GEN_NEPTUNE_PROXY 323594	45.38 2.77 -0.01	40.54 2.72 -0.01	34.56 2.11 0.00	33.64 1.84 0.00	33.15 1.76 0.00	33.15 1.58 0.00	33.18 1.52 0.05	31.64 1.56 -0.05	31.98 1.93 0.00	31.81 2.25 0.00	32.61 2.36 -0.01	41.53 2.52 -6.72	42.34 2.70 -4.05	42.91 3.10 -0.60	45.06 3.10 -0.70	49.33 3.18 -0.75	54.96 3.18 -0.46	62.04 3.62 0.00	63.25 2.90 0.00	61.17 2.47 0.00	56.25 1.59 0.00	50.56 1.23 0.00	45.53 1.24 -0.11	41.67 2.54 -0.01
PJM_GEN_VFT_PROXY 323633	44.90 2.30 0.00	40.00 2.19 0.00	34.30 1.85 0.00	33.45 1.65 0.00	32.96 1.57 0.00	33.12 1.58 0.00	33.12 1.46 0.05	31.61 1.53 -0.05	31.83 1.77 0.00	31.54 1.98 0.00	32.36 2.12 0.00	34.65 2.33 -0.03	38.43 2.56 -0.29	42.70 2.90 -0.59	45.02 3.05 -0.70	49.56 3.41 -0.75	55.16 3.45 -0.46	61.87 3.45 0.00	63.25 2.90 0.00	61.23 2.52 0.00	56.96 2.30 0.00	51.15 1.83 0.00	46.33 2.03 -0.11	41.20 2.07 0.00
PLATSBURG_115KV_PMLD1 355749	43.16 0.55 0.00	37.89 0.08 0.00	32.55 0.10 0.00	31.86 0.06 0.00	31.45 0.06 0.00	31.60 0.06 0.00	32.09 0.38 0.00	30.45 0.42 0.00	30.42 0.36 0.00	29.77 0.21 0.00	30.36 0.12 0.00	32.48 0.19 0.00	35.69 0.11 0.00	39.29 0.08 0.00	41.43 0.17 0.00	45.68 0.27 0.00	51.67 0.36 0.00	58.77 0.35 0.00	60.96 0.60 0.00	59.53 0.82 0.00	55.54 0.87 0.00	50.11 0.79 0.00	44.81 0.62 0.00	39.71 0.59 0.00
PLEASANTVLY___LBMP 24000	44.27 1.66 0.00	39.48 1.66 0.00	33.88 1.43 0.00	33.20 1.40 0.00	32.68 1.29 0.00	32.83 1.29 0.00	32.85 1.14 0.00	31.20 1.17 0.00	31.32 1.26 0.00	30.95 1.39 0.00	31.76 1.51 0.00	33.91 1.58 -0.03	37.65 1.74 -0.32	41.87 2.00 -0.66	44.12 2.06 -0.79	48.56 2.32 -0.83	54.19 2.36 -0.52	60.93 2.51 0.00	62.53 2.17 0.00	60.58 1.88 0.00	56.42 1.75 0.00	50.65 1.33 0.00	45.65 1.46 0.00	40.69 1.45 -0.12
PLSNTVLE_13_KV_13.8KVDIST 80602	44.73 2.13 0.00	39.89 2.08 0.00	34.21 1.75 0.00	33.49 1.69 0.00	32.96 1.57 0.00	33.09 1.55 0.00	33.14 1.43 0.00	31.50 1.47 0.00	31.68 1.62 0.00	31.34 1.77 0.00	32.18 1.94 0.00	34.39 2.07 -0.03	38.15 2.28 -0.29	42.43 2.63 -0.59	44.70 2.72 -0.71	49.20 3.04 -0.75	54.91 3.13 -0.46	61.81 3.39 0.00	63.31 2.96 0.00	61.35 2.64 0.00	57.07 2.41 0.00	51.20 1.87 0.00	46.18 1.99 0.00	41.19 1.96 -0.11
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.73 2.13 0.00	39.89 2.08 0.00	34.21 1.75 0.00	33.49 1.69 0.00	32.96 1.57 0.00	33.09 1.55 0.00	33.14 1.43 0.00	31.50 1.47 0.00	31.68 1.62 0.00	31.34 1.77 0.00	32.18 1.94 0.00	34.39 2.07 -0.03	38.15 2.28 -0.29	42.43 2.63 -0.59	44.70 2.72 -0.71	49.20 3.04 -0.75	54.91 3.13 -0.46	61.81 3.39 0.00	63.31 2.96 0.00	61.35 2.64 0.00	57.07 2.41 0.00	51.20 1.87 0.00	46.18 1.99 0.00	41.19 1.96 -0.11
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.52 1.92 0.00	39.70 1.89 0.00	34.08 1.62 0.00	33.36 1.56 0.00	32.84 1.44 0.00	33.02 1.48 0.00	33.01 1.30 0.00	31.32 1.29 0.00	31.44 1.38 0.00	31.01 1.45 0.00	31.79 1.54 0.00	33.94 1.65 0.00	37.36 1.78 0.00	41.33 2.12 0.00	43.49 2.23 0.00	47.95 2.54 0.00	54.09 2.77 0.00	61.46 3.04 0.00	63.01 2.66 0.00	61.11 2.41 0.00	56.85 2.19 0.00	51.10 1.78 0.00	46.00 1.81 0.00	40.85 1.72 0.00
POLETTI_____ 23519	45.03 2.43 0.00	40.12 2.31 0.00	34.40 1.95 0.00	33.64 1.84 0.00	33.09 1.70 0.00	33.24 1.70 0.00	33.29 1.59 0.00	31.68 1.65 0.00	31.92 1.86 0.00	31.60 2.04 0.00	32.42 2.18 0.00	34.71 2.39 -0.03	38.47 2.60 -0.29	42.74 2.94 -0.59	45.06 3.09 -0.70	49.65 3.50 -0.75	55.27 3.49 -0.46	62.08 3.68 0.02	63.48 3.14 0.02	61.45 2.76 0.02	57.24 2.57 0.00	51.34 2.02 0.00	46.40 2.21 0.00	41.42 2.19 -0.10
POMONA___ESR 323819	44.56 1.96 0.00	39.74 1.93 0.00	34.11 1.65 0.00	33.33 1.53 0.00	32.84 1.44 0.00	32.99 1.45 0.00	33.01 1.30 0.00	31.35 1.32 0.00	31.56 1.50 0.00	31.22 1.65 0.00	32.09 1.85 0.00	34.29 1.97 -0.03	37.99 2.13 -0.27	42.20 2.43 -0.55	44.48 2.56 -0.66	48.96 2.86 -0.70	54.72 2.98 -0.43	61.57 3.15 0.00	63.13 2.78 0.00	61.11 2.41 0.00	56.74 2.08 0.00	51.00 1.68 0.00	45.96 1.77 0.00	41.02 1.80 -0.10
PORT_JEFF_3 23555	45.89 3.28 -0.01	41.11 3.29 -0.01	34.95 2.50 0.00	33.96 2.16 0.00	33.46 2.07 0.00	33.40 1.86 0.00	33.52 1.81 0.00	31.83 1.80 0.00	32.31 2.26 0.00	32.16 2.60 0.00	33.13 2.87 -0.01	42.05 3.03 -6.72	43.06 3.38 -4.09	43.60 3.77 -0.62	45.56 3.59 -0.70	49.40 3.50 -0.50	54.57 3.39 0.13	62.40 3.97 0.00	63.43 3.08 0.00	60.79 2.64 0.56	55.73 1.59 0.52	50.24 1.28 0.36	45.60 1.41 0.00	42.37 3.13 -0.11
PORT_JEFF_4 23616	45.89 3.28 -0.01	41.11 3.29 -0.01	34.95 2.50 0.00	33.96 2.16 0.00	33.46 2.07 0.00	33.40 1.86 0.00	33.52 1.81 0.00	31.83 1.80 0.00	32.31 2.26 0.00	32.16 2.60 0.00	33.13 2.87 -0.01	42.05 3.03 -6.72	43.06 3.38 -4.09	43.60 3.77 -0.62	45.56 3.59 -0.70	49.40 3.50 -0.50	54.57 3.39 0.13	62.40 3.97 0.00	63.43 3.08 0.00	60.79 2.64 0.56	55.73 1.59 0.52	50.24 1.28 0.36	45.60 1.41 0.00	42.37 3.13 -0.11

PORT_JEFF_IC 23713	45.97 3.37 0.00	41.18 3.37 0.00	34.98 2.53 0.00	34.15 2.35 0.00	33.49 2.10 0.00	33.43 1.89 0.00	33.55 1.84 0.00	32.13 2.10 0.00	32.34 2.28 0.00	32.22 2.66 0.00	33.18 2.93 0.00	42.11 3.10 -6.72	43.13 3.45 -4.10	43.72 3.88 -0.62	45.67 3.71 -0.69	49.49 3.68 -0.41	54.57 3.59 0.34	62.69 4.26 0.00	63.74 3.38 0.00	60.88 2.94 0.76	55.84 1.86 0.69	50.33 1.48 0.48	45.74 1.55 0.00	42.44 3.21 -0.10
PPL PILGRIM_ST_GT1 24216	46.28 3.66 -0.01	41.45 3.63 -0.01	35.24 2.79 0.00	34.25 2.45 0.00	33.75 2.36 0.00	33.69 2.15 0.00	33.77 2.06 0.00	32.10 2.07 0.00	32.55 2.49 0.00	32.40 2.84 0.00	33.34 3.09 -0.01	42.27 3.26 -6.72	43.24 3.56 -4.10	43.85 4.00 -0.63	45.73 3.75 -0.70	49.92 3.81 -0.70	55.68 3.90 -0.46	63.07 4.61 -0.03	64.19 3.80 -0.03	62.06 3.34 0.00	56.21 2.19 0.64	50.65 1.77 0.45	45.83 1.64 0.00	42.68 3.44 -0.11
PPL PILGRIM_ST_GT2 24217	46.28 3.66 -0.01	41.45 3.63 -0.01	35.24 2.79 0.00	34.25 2.45 0.00	33.75 2.36 0.00	33.69 2.15 0.00	33.77 2.06 0.00	32.10 2.07 0.00	32.55 2.49 0.00	32.40 2.84 0.00	33.34 3.09 -0.01	42.27 3.26 -6.72	43.24 3.56 -4.10	43.85 4.00 -0.63	45.73 3.75 -0.70	49.92 3.81 -0.70	55.68 3.90 -0.46	63.07 4.61 -0.03	64.19 3.80 -0.03	62.06 3.34 0.00	56.21 2.19 0.64	50.65 1.77 0.45	45.83 1.64 0.00	42.68 3.44 -0.11
PPL_SHRM_GT3 24213	45.64 3.03 -0.01	40.85 3.03 -0.01	34.66 2.21 0.00	33.68 1.88 0.00	33.21 1.82 0.00	33.12 1.58 0.00	33.20 1.49 0.00	31.56 1.53 0.00	32.07 2.01 0.00	31.93 2.37 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.84 3.17 -4.10	43.37 3.53 -0.62	45.35 3.38 -0.70	49.33 3.45 -0.48	54.64 3.49 0.17	62.57 4.15 0.00	63.55 3.20 0.00	60.87 2.76 0.60	55.70 1.59 0.56	50.17 1.23 0.39	45.30 1.11 0.00	42.13 2.90 -0.11
PPL_SHRM_GT4 24214	45.64 3.03 -0.01	40.85 3.03 -0.01	34.66 2.21 0.00	33.68 1.88 0.00	33.21 1.82 0.00	33.12 1.58 0.00	33.20 1.49 0.00	31.56 1.53 0.00	32.07 2.01 0.00	31.93 2.37 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.84 3.17 -4.10	43.37 3.53 -0.62	45.35 3.38 -0.70	49.33 3.45 -0.48	54.64 3.49 0.17	62.57 4.15 0.00	63.55 3.20 0.00	60.87 2.76 0.60	55.70 1.59 0.56	50.17 1.23 0.39	45.30 1.11 0.00	42.13 2.90 -0.11
PROJECT___ORANGE 1 24174	42.37 -0.43 -0.19	37.92 -0.08 -0.18	32.36 -0.13 -0.04	31.58 -0.22 0.00	31.20 -0.19 0.00	31.37 -0.19 -0.02	31.34 -0.38 -0.02	29.67 -0.36 0.00	29.70 -0.36 0.00	29.21 -0.35 0.00	29.94 -0.30 0.00	31.97 -0.32 0.00	35.33 -0.25 0.00	38.94 -0.27 0.00	40.94 -0.33 0.00	44.95 -0.45 0.00	50.96 -0.36 0.00	58.13 -0.29 0.00	60.23 -0.12 0.00	58.65 -0.06 0.00	54.50 -0.16 0.00	49.56 -0.10 -0.34	43.97 -0.22 0.00	38.85 -0.27 0.00
PROJECT___ORANGE 2 24166	42.37 -0.43 -0.19	37.92 -0.08 -0.18	32.36 -0.13 -0.04	31.58 -0.22 0.00	31.20 -0.19 0.00	31.37 -0.19 -0.02	31.34 -0.38 -0.02	29.67 -0.36 0.00	29.70 -0.36 0.00	29.21 -0.35 0.00	29.94 -0.30 0.00	31.97 -0.32 0.00	35.33 -0.25 0.00	38.94 -0.27 0.00	40.94 -0.33 0.00	44.95 -0.45 0.00	50.96 -0.36 0.00	58.13 -0.29 0.00	60.23 -0.12 0.00	58.65 -0.06 0.00	54.50 -0.16 0.00	49.56 -0.10 -0.34	43.97 -0.22 0.00	38.85 -0.27 0.00
PUCKETT___SOLAR 323809	43.41 0.81 0.00	39.02 1.21 0.00	33.43 0.97 0.00	32.60 0.80 0.00	32.27 0.88 0.00	32.46 0.92 0.00	32.34 0.63 0.00	30.57 0.54 0.00	30.48 0.42 0.00	29.86 0.30 0.00	30.61 0.36 0.00	32.65 0.36 0.00	36.08 0.50 0.00	39.80 0.59 0.00	41.89 0.62 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.82 1.40 0.00	62.41 2.05 0.00	60.70 2.00 0.00	56.47 1.80 0.00	51.00 1.68 0.00	45.47 1.28 0.00	40.18 1.06 0.00
PYRITES___HYD 24023	43.92 1.32 0.00	38.30 0.49 0.00	32.87 0.42 0.00	32.18 0.38 0.00	31.83 0.44 0.00	32.05 0.50 0.00	32.57 0.86 0.00	30.81 0.78 0.00	30.69 0.63 0.00	30.01 0.44 0.00	30.52 0.27 0.00	32.68 0.39 0.00	35.79 0.21 0.00	39.37 0.16 0.00	41.55 0.29 0.00	45.77 0.36 0.00	51.73 0.41 0.00	58.54 0.12 0.00	61.02 0.66 0.00	59.76 1.06 0.00	55.87 1.20 0.00	50.75 1.43 0.00	45.52 1.33 0.00	40.30 1.17 0.00
QUAKERRD_115KV_BK1 80622	41.79 -0.81 0.00	37.93 0.11 0.00	32.42 -0.03 0.00	31.32 -0.48 0.00	31.01 -0.38 0.00	31.16 -0.38 0.00	30.98 -0.73 0.00	29.28 -0.75 0.00	29.37 -0.69 0.00	28.91 -0.65 0.00	29.70 -0.54 0.00	31.64 -0.65 0.00	35.22 -0.36 0.00	38.82 -0.39 0.00	40.77 -0.50 0.00	44.59 -0.82 0.00	50.70 -0.62 0.00	57.78 -0.64 0.00	60.11 -0.24 0.00	58.53 -0.18 0.00	54.28 -0.38 0.00	49.27 -0.05 0.00	43.75 -0.44 0.00	38.66 -0.47 0.00
QUENSBRY_115KV_TB8 356137	44.09 1.49 0.00	39.17 1.36 0.00	33.56 1.10 0.00	32.98 1.18 0.00	32.49 1.10 0.00	32.61 1.07 0.00	32.41 0.70 0.00	31.23 1.20 0.00	31.20 1.14 0.00	30.60 1.03 0.00	30.94 0.70 0.00	33.04 0.77 0.03	36.01 0.68 0.25	39.42 0.71 0.50	41.37 0.70 0.60	44.81 0.05 0.64	51.03 0.10 0.39	59.12 0.70 0.00	61.68 1.33 0.00	60.23 1.53 0.00	56.58 1.91 0.00	51.25 1.92 0.00	45.96 1.77 0.00	40.33 1.29 0.09
RAMAPO___LBMP 323565	44.39 1.79 0.00	39.59 1.78 0.00	33.98 1.53 0.00	33.23 1.43 0.00	32.74 1.35 0.00	32.87 1.32 0.00	32.91 1.20 0.00	31.26 1.23 0.00	31.44 1.38 0.00	31.13 1.57 0.00	31.97 1.72 0.00	34.16 1.84 -0.03	37.87 2.03 -0.27	42.07 2.31 -0.54	44.31 2.39 -0.65	48.77 2.68 -0.69	54.46 2.72 -0.42	61.34 2.92 0.00	62.89 2.53 0.00	60.82 2.11 0.00	56.58 1.91 0.00	50.80 1.48 0.00	45.78 1.59 0.00	40.86 1.64 -0.10
RANKINE____ 23646	42.65 0.04 0.00	39.40 1.59 0.00	33.72 1.27 0.00	32.09 0.29 0.00	31.96 0.57 0.00	32.17 0.63 0.00	31.61 -0.10 0.00	29.85 -0.18 0.00	30.12 0.06 0.00	29.74 0.18 0.00	30.64 0.39 0.00	32.55 0.26 0.00	36.54 0.96 0.00	40.47 1.25 0.00	42.30 1.03 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.76 1.34 0.00	62.22 1.87 0.00	60.12 1.41 0.00	55.43 0.77 0.00	50.60 1.28 0.00	44.72 0.53 0.00	39.48 0.35 0.00
RAVENSWOOD_GT2_1 24244	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.29 2.62 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT2_2 24245	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.52 2.82 0.00	57.29 2.62 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.50 2.27 -0.10

RAVENSWOOD_GT2_3 24246	45.12 2.51 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.74 2.42 -0.03	38.54 2.67 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	62.16 3.74 0.00	63.61 3.26 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT2_4 24247	45.12 2.51 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.66 2.10 0.00	32.48 2.24 0.00	34.74 2.42 -0.03	38.54 2.67 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.74 3.59 -0.75	55.37 3.59 -0.46	62.16 3.74 0.00	63.61 3.26 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT3_1 24248	45.07 2.47 0.00	40.16 2.34 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.10 3.14 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.61 3.26 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.46 2.23 -0.10
RAVENSWOOD_GT3_2 24249	45.07 2.47 0.00	40.16 2.34 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.10 3.14 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.61 3.26 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.46 2.23 -0.10
RAVENSWOOD_GT3_3 24250	45.16 2.56 0.00	40.23 2.42 0.00	34.50 2.04 0.00	33.71 1.91 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.69 2.13 0.00	32.51 2.27 0.00	34.77 2.45 -0.03	38.57 2.70 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.78 3.63 -0.75	55.42 3.64 -0.46	62.27 3.86 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.46 2.79 0.00	51.49 2.17 0.00	46.53 2.34 0.00	41.54 2.31 -0.10
RAVENSWOOD_GT3_4 24251	45.16 2.56 0.00	40.23 2.42 0.00	34.50 2.04 0.00	33.71 1.91 0.00	33.18 1.79 0.00	33.34 1.80 0.00	33.39 1.68 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.69 2.13 0.00	32.51 2.27 0.00	34.77 2.45 -0.03	38.57 2.70 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.78 3.63 -0.75	55.42 3.64 -0.46	62.27 3.86 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.46 2.79 0.00	51.49 2.17 0.00	46.53 2.34 0.00	41.54 2.31 -0.10
RAVENSWOOD_GT_1 23729	45.33 2.73 0.00	40.38 2.57 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.04 1.98 0.00	31.81 2.25 0.00	32.60 2.36 0.00	34.94 2.62 -0.03	38.72 2.85 -0.29	43.06 3.25 -0.59	45.35 3.38 -0.70	49.96 3.81 -0.75	55.42 3.64 -0.46	61.81 3.39 0.00	63.25 2.90 0.00	61.23 2.52 0.00	57.18 2.51 0.00	51.49 2.17 0.00	46.71 2.52 0.00	41.69 2.46 -0.10
RAVENSWOOD_GT_10 24258	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT_11 24259	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT_4 24252	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.54 2.67 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT_5 24254	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.54 2.67 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT_6 24253	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.54 2.67 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT_7 24255	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.54 2.67 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.50 2.27 -0.10
RAVENSWOOD_GT_9 24257	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.71 1.68 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.32 3.54 -0.46	62.16 3.74 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.35 2.68 0.00	51.44 2.12 0.00	46.45 2.25 0.00	41.50 2.27 -0.10

RAVENSWOOD___1 23533	45.34 2.73 -0.01	40.39 2.57 -0.01	34.64 2.17 -0.01	33.81 2.00 -0.01	33.31 1.92 -0.01	33.47 1.92 -0.01	33.45 1.74 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.79 2.22 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.72 2.85 -0.30	43.03 3.22 -0.59	45.36 3.38 -0.71	49.92 3.77 -0.75	55.52 3.74 -0.46	61.68 3.27 0.01	63.12 2.78 0.01	61.11 2.41 0.01	56.96 2.30 0.00	51.44 2.12 0.00	46.72 2.52 -0.01	41.70 2.47 -0.11
RAVENSWOOD___2 23534	45.21 2.60 -0.01	40.32 2.50 -0.01	34.57 2.11 -0.01	33.75 1.94 -0.01	33.25 1.85 -0.01	33.41 1.86 -0.01	33.39 1.68 0.00	31.71 1.68 0.00	31.95 1.89 0.00	31.73 2.16 -0.01	32.51 2.27 0.00	34.85 2.52 -0.04	38.65 2.78 -0.30	42.95 3.14 -0.59	45.28 3.30 -0.71	49.83 3.68 -0.75	55.37 3.59 -0.46	61.27 2.86 0.01	62.51 2.17 0.01	60.70 2.00 0.01	56.86 2.19 0.00	51.35 2.02 0.00	46.63 2.43 -0.01	41.62 2.39 -0.11
RAVENSWOOD___3 23535	45.07 2.47 0.00	40.20 2.38 0.00	34.47 2.01 0.00	33.64 1.84 0.00	33.15 1.76 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.92 1.86 0.00	31.63 2.07 0.00	32.45 2.21 0.00	34.74 2.42 -0.03	38.50 2.63 -0.29	42.82 3.02 -0.59	45.15 3.18 -0.70	49.69 3.54 -0.75	55.37 3.59 -0.46	62.10 3.68 0.00	63.55 3.20 0.00	61.58 2.88 0.00	57.24 2.57 0.00	51.44 2.12 0.00	46.44 2.25 0.00	41.46 2.23 -0.10
RAVENSWOOD___4 23820	45.30 2.69 -0.01	40.39 2.57 -0.01	34.64 2.17 -0.01	33.81 2.00 -0.01	33.28 1.88 -0.01	33.44 1.89 -0.01	33.42 1.71 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.79 2.22 -0.01	32.57 2.33 0.00	34.91 2.58 -0.04	38.69 2.81 -0.30	43.03 3.22 -0.59	45.36 3.38 -0.71	49.92 3.77 -0.75	55.47 3.70 -0.46	61.62 3.21 0.01	63.00 2.65 0.01	61.05 2.35 0.01	56.91 2.24 0.00	51.39 2.07 0.00	46.67 2.47 -0.01	41.66 2.43 -0.11
RCPL_TRUST___DRP 24196	45.07 2.47 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.66 2.10 0.00	32.51 2.27 0.00	34.77 2.45 -0.03	38.57 2.70 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.78 3.63 -0.75	55.42 3.64 -0.46	62.27 3.86 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.40 2.73 0.00	51.44 2.12 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
RED___ROCHESTER 323720	43.12 0.51 0.00	39.25 1.44 0.00	33.52 1.07 0.00	32.34 0.54 0.00	31.99 0.59 0.00	32.14 0.60 0.00	31.87 0.16 0.00	30.15 0.12 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.12 0.90 0.00	42.09 0.82 0.00	46.04 0.64 0.00	52.34 1.03 0.00	59.76 1.34 0.00	62.16 1.81 0.00	60.53 1.82 0.00	56.09 1.42 0.00	51.00 1.68 0.00	45.21 1.02 0.00	39.87 0.74 0.00
REGAN___SOLAR 323812	45.54 2.94 0.00	40.54 2.72 0.00	34.72 2.27 0.00	34.09 2.29 0.00	33.62 2.23 0.00	33.78 2.24 0.00	33.48 1.77 0.00	31.35 1.32 0.00	31.17 1.11 0.00	30.51 0.95 0.00	31.15 0.91 0.00	33.21 0.94 0.02	36.33 0.92 0.17	39.93 1.06 0.35	41.84 0.99 0.41	46.28 1.32 0.44	52.73 1.69 0.27	60.99 2.57 0.00	63.49 3.14 0.00	62.41 3.70 0.00	58.61 3.94 0.00	53.12 3.80 0.00	47.55 3.36 0.00	41.73 2.66 0.06
RENSSELAER___COGEN 23796	43.20 0.60 0.00	38.57 0.76 0.00	33.23 0.78 0.00	32.66 0.86 0.00	32.21 0.81 0.00	32.33 0.79 0.00	32.31 0.60 0.00	30.51 0.48 0.00	30.51 0.45 0.00	30.03 0.47 0.00	30.55 0.30 0.00	32.59 0.32 0.02	35.61 0.25 0.22	38.96 0.20 0.46	40.93 0.21 0.55	45.05 0.23 0.58	51.11 0.15 0.36	58.60 0.18 0.00	60.29 -0.06 0.00	58.65 -0.06 0.00	54.67 0.00 0.00	49.32 0.00 0.00	44.37 0.18 0.00	39.16 0.12 0.08
REPUBLIC_115KV_BARTNBK 55605	45.07 2.47 0.00	39.93 2.12 0.00	34.11 1.66 0.00	33.52 1.72 0.00	32.99 1.60 0.00	33.09 1.55 0.00	32.66 0.95 0.00	31.23 1.20 0.00	31.14 1.08 0.00	30.48 0.92 0.00	30.76 0.51 0.00	32.91 0.65 0.03	35.76 0.43 0.25	39.19 0.47 0.50	41.04 0.37 0.60	44.77 0.00 0.64	51.23 0.31 0.39	60.00 1.58 0.00	62.89 2.53 0.00	61.64 2.94 0.00	58.17 3.50 0.00	52.97 3.65 0.00	47.37 3.18 0.00	41.23 2.19 0.09
REVERE_CPPR_DRP 24186	43.97 1.36 0.00	39.02 1.21 0.00	33.43 0.97 0.00	32.69 0.89 0.00	32.40 1.00 0.00	32.68 1.14 0.00	32.63 0.92 0.00	30.87 0.84 0.00	30.87 0.81 0.00	30.18 0.62 0.00	30.85 0.60 0.00	32.90 0.61 0.00	36.15 0.57 0.00	39.84 0.63 0.00	42.01 0.74 0.00	46.18 0.77 0.00	52.55 1.23 0.00	60.00 1.58 0.00	62.59 2.23 0.00	61.05 2.35 0.00	56.85 2.19 0.00	51.29 1.97 0.00	45.78 1.59 0.00	40.42 1.29 0.00
REYNLDPA_13_KV_LD 356490	43.03 0.43 0.00	37.74 -0.08 0.00	32.42 -0.03 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	31.93 0.22 0.00	30.30 0.27 0.00	30.30 0.24 0.00	29.71 0.15 0.00	30.33 0.09 0.00	32.45 0.16 0.00	35.65 0.07 0.00	39.22 0.00 0.00	41.31 0.04 0.00	45.54 0.14 0.00	51.47 0.15 0.00	58.48 0.06 0.00	60.53 0.18 0.00	58.94 0.23 0.00	55.00 0.33 0.00	49.62 0.30 0.00	44.46 0.27 0.00	39.44 0.31 0.00
REYNOLDS_115KV_TB3 80639	43.37 0.77 0.00	38.80 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.36 0.97 0.00	32.49 0.95 0.00	32.44 0.73 0.00	30.66 0.63 0.00	30.66 0.60 0.00	30.15 0.59 0.00	30.73 0.48 0.00	32.78 0.52 0.03	35.77 0.46 0.27	39.14 0.47 0.55	41.14 0.54 0.66	45.30 0.59 0.70	51.45 0.56 0.43	59.06 0.64 0.00	60.78 0.42 0.00	59.06 0.35 0.00	55.10 0.44 0.00	49.67 0.35 0.00	44.68 0.49 0.00	39.42 0.39 0.10
RIVERBAY____ 323610	46.01 3.41 0.00	41.06 3.25 0.00	35.18 2.73 0.00	34.38 2.58 0.00	33.81 2.42 0.00	33.97 2.43 0.00	33.83 2.12 0.00	32.13 2.10 0.00	32.28 2.22 0.00	32.04 2.48 0.00	32.75 2.51 0.00	35.19 2.87 -0.03	39.00 3.13 -0.29	43.25 3.45 -0.59	45.60 3.63 -0.70	50.15 4.00 -0.75	55.78 4.00 -0.46	62.16 3.74 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.62 2.95 0.00	51.94 2.61 0.00	47.20 3.01 0.00	42.16 2.93 -0.10
RIVERSDE_115KV_TB3 55908	43.33 0.72 0.00	38.72 0.91 0.00	33.36 0.91 0.00	32.79 0.99 0.00	32.33 0.94 0.00	32.46 0.91 0.00	32.41 0.70 0.00	30.60 0.57 0.00	30.63 0.57 0.00	30.12 0.56 0.00	30.64 0.39 0.00	32.72 0.45 0.03	35.72 0.39 0.25	39.06 0.35 0.50	41.07 0.41 0.61	45.22 0.45 0.64	51.33 0.41 0.40	58.89 0.47 0.00	60.66 0.30 0.00	58.94 0.23 0.00	55.00 0.33 0.00	49.57 0.25 0.00	44.59 0.40 0.00	39.35 0.31 0.09
ROARING___BROOK_WT_PWR 323790	42.39 -0.21 0.00	37.55 -0.26 0.00	32.26 -0.19 0.00	31.61 -0.19 0.00	31.24 -0.16 0.00	31.38 -0.16 0.00	31.65 -0.06 0.00	30.00 -0.03 0.00	30.03 -0.03 0.00	29.50 -0.06 0.00	30.12 -0.12 0.00	32.16 -0.13 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.06 -0.21 0.00	45.18 -0.23 0.00	51.11 -0.20 0.00	58.19 -0.23 0.00	60.17 -0.18 0.00	58.53 -0.18 0.00	54.56 -0.11 0.00	49.17 -0.15 0.00	44.06 -0.13 0.00	39.05 -0.08 0.00

ROCHESRG_115KV_T4 355643	42.60 0.00 0.00	38.80 0.98 0.00	33.17 0.71 0.00	31.93 0.13 0.00	31.67 0.28 0.00	31.83 0.28 0.00	31.58 -0.13 0.00	29.82 -0.21 0.00	29.94 -0.12 0.00	29.47 -0.09 0.00	30.27 0.03 0.00	32.26 -0.03 0.00	35.97 0.39 0.00	39.69 0.47 0.00	41.64 0.37 0.00	45.50 0.09 0.00	51.73 0.41 0.00	58.95 0.53 0.00	61.32 0.97 0.00	59.65 0.94 0.00	55.27 0.60 0.00	50.26 0.94 0.00	44.59 0.40 0.00	39.40 0.27 0.00
ROCHESTER_9_IC 23652	42.86 0.26 0.00	39.02 1.21 0.00	33.36 0.91 0.00	32.12 0.32 0.00	31.83 0.44 0.00	32.01 0.47 0.00	31.71 0.00 0.00	29.97 -0.06 0.00	30.09 0.03 0.00	29.62 0.06 0.00	30.45 0.21 0.00	32.42 0.13 0.00	36.19 0.60 0.00	39.92 0.71 0.00	41.84 0.58 0.00	45.77 0.36 0.00	52.09 0.77 0.00	59.30 0.88 0.00	61.74 1.39 0.00	60.12 1.41 0.00	55.71 1.04 0.00	50.65 1.33 0.00	44.90 0.71 0.00	39.63 0.51 0.00
ROCKVIEW_13_KV_LD 356306	45.03 2.43 0.00	40.16 2.34 0.00	34.40 1.95 0.00	33.64 1.84 0.00	33.12 1.73 0.00	33.28 1.73 0.00	33.33 1.62 0.00	31.68 1.65 0.00	31.89 1.83 0.00	31.57 2.01 0.00	32.42 2.18 0.00	34.64 2.32 -0.03	38.43 2.56 -0.29	42.74 2.94 -0.59	45.02 3.05 -0.70	49.56 3.41 -0.75	55.32 3.54 -0.46	62.27 3.86 0.00	63.73 3.38 0.00	61.76 3.05 0.00	57.40 2.73 0.00	51.49 2.17 0.00	46.45 2.25 0.00	41.46 2.23 -0.10
ROME____115KV_TB2 80656	43.97 1.36 0.00	39.02 1.21 0.00	33.43 0.97 0.00	32.69 0.89 0.00	32.40 1.00 0.00	32.68 1.14 0.00	32.63 0.92 0.00	30.87 0.84 0.00	30.87 0.81 0.00	30.18 0.62 0.00	30.85 0.60 0.00	32.90 0.61 0.00	36.15 0.57 0.00	39.84 0.63 0.00	42.01 0.74 0.00	46.18 0.77 0.00	52.55 1.23 0.00	60.00 1.58 0.00	62.59 2.23 0.00	61.05 2.35 0.00	56.85 2.19 0.00	51.29 1.97 0.00	45.78 1.59 0.00	40.42 1.29 0.00
ROSETON___1 23587	44.22 1.62 0.00	39.44 1.62 0.00	33.85 1.39 0.00	33.14 1.34 0.00	32.65 1.26 0.00	32.80 1.26 0.00	32.85 1.14 0.00	31.14 1.11 0.00	31.32 1.26 0.00	30.92 1.36 0.00	31.72 1.48 0.00	33.90 1.58 -0.03	37.59 1.74 -0.27	41.75 2.00 -0.54	43.98 2.06 -0.65	48.41 2.31 -0.69	54.15 2.41 -0.42	60.93 2.51 0.00	62.52 2.17 0.00	60.58 1.88 0.00	56.36 1.70 0.00	50.65 1.33 0.00	45.65 1.46 0.00	40.67 1.45 -0.10
ROSETON___2 23588	44.22 1.62 0.00	39.44 1.62 0.00	33.85 1.39 0.00	33.14 1.34 0.00	32.65 1.26 0.00	32.80 1.26 0.00	32.85 1.14 0.00	31.14 1.11 0.00	31.32 1.26 0.00	30.92 1.36 0.00	31.72 1.48 0.00	33.90 1.58 -0.03	37.59 1.74 -0.27	41.75 2.00 -0.54	43.98 2.06 -0.65	48.41 2.31 -0.69	54.15 2.41 -0.42	60.93 2.51 0.00	62.52 2.17 0.00	60.58 1.88 0.00	56.36 1.70 0.00	50.65 1.33 0.00	45.65 1.46 0.00	40.67 1.45 -0.10
ROTTTRDAM_115KV_TB3 80664	43.63 1.02 0.00	38.87 1.06 0.00	33.36 0.91 0.00	32.75 0.95 0.00	32.30 0.91 0.00	32.46 0.91 0.00	32.41 0.70 0.00	30.66 0.63 0.00	30.66 0.60 0.00	30.15 0.59 0.00	30.79 0.54 0.00	32.85 0.58 0.02	35.99 0.60 0.19	39.49 0.67 0.39	41.50 0.70 0.47	45.68 0.77 0.50	51.83 0.82 0.31	59.47 1.05 0.00	61.44 1.09 0.00	59.82 1.12 0.00	55.82 1.15 0.00	50.41 1.09 0.00	45.21 1.02 0.00	39.92 0.86 0.07
RUSSELL___1 23602	43.12 0.51 0.00	39.25 1.44 0.00	33.52 1.07 0.00	32.25 0.45 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.87 0.16 0.00	30.09 0.06 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.12 0.90 0.00	42.09 0.83 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.65 1.23 0.00	62.16 1.81 0.00	60.53 1.82 0.00	56.09 1.42 0.00	51.00 1.68 0.00	45.21 1.02 0.00	39.87 0.74 0.00
RUSSELL___2 23532	43.12 0.51 0.00	39.25 1.44 0.00	33.52 1.07 0.00	32.25 0.45 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.87 0.16 0.00	30.09 0.06 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.12 0.90 0.00	42.09 0.83 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.65 1.23 0.00	62.16 1.81 0.00	60.53 1.82 0.00	56.09 1.42 0.00	51.00 1.68 0.00	45.21 1.02 0.00	39.87 0.74 0.00
RUSSELL___3 23549	43.12 0.51 0.00	39.25 1.44 0.00	33.52 1.07 0.00	32.25 0.45 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.87 0.16 0.00	30.09 0.06 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.12 0.90 0.00	42.09 0.83 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.65 1.23 0.00	62.16 1.81 0.00	60.53 1.82 0.00	56.09 1.42 0.00	51.00 1.68 0.00	45.21 1.02 0.00	39.87 0.74 0.00
RUSSELL___4 23556	43.12 0.51 0.00	39.25 1.44 0.00	33.52 1.07 0.00	32.25 0.45 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.87 0.16 0.00	30.09 0.06 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.12 0.90 0.00	42.09 0.83 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.65 1.23 0.00	62.16 1.81 0.00	60.53 1.82 0.00	56.09 1.42 0.00	51.00 1.68 0.00	45.21 1.02 0.00	39.87 0.74 0.00
RUSSELL___STATION 23914	43.12 0.51 0.00	39.25 1.44 0.00	33.52 1.07 0.00	32.25 0.45 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.87 0.16 0.00	30.09 0.06 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.12 0.90 0.00	42.09 0.83 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.65 1.23 0.00	62.16 1.81 0.00	60.53 1.82 0.00	56.09 1.42 0.00	51.00 1.68 0.00	45.21 1.02 0.00	39.87 0.74 0.00
S SALMON___HYD 24043	43.62 -0.30 -1.32	38.88 -0.19 -1.25	32.54 -0.19 -0.28	31.51 -0.29 0.00	31.20 -0.19 0.00	31.49 -0.16 -0.11	31.50 -0.32 -0.11	29.70 -0.33 0.00	29.70 -0.36 0.00	29.12 -0.44 0.00	29.79 -0.45 0.00	31.74 -0.55 0.00	35.01 -0.57 0.00	38.55 -0.67 0.00	40.52 -0.74 0.00	44.45 -0.96 0.00	50.44 -0.87 0.00	57.60 -0.82 0.00	59.99 -0.36 0.00	58.59 -0.12 0.00	54.50 -0.16 0.00	51.56 -0.05 -2.29	44.06 -0.13 0.00	38.97 -0.16 0.00
S.PERRY__115KV_TB1 80734	44.22 1.62 0.00	40.31 2.50 0.00	34.47 2.01 0.00	33.10 1.30 0.00	32.87 1.48 0.00	33.02 1.48 0.00	32.60 0.89 0.00	30.60 0.57 0.00	30.48 0.42 0.00	29.86 0.30 0.00	30.67 0.42 0.00	32.65 0.36 0.00	36.43 0.85 0.00	40.27 1.06 0.00	42.26 0.99 0.00	46.18 0.77 0.00	52.65 1.33 0.00	60.35 1.93 0.00	63.55 3.20 0.00	62.40 3.70 0.00	58.06 3.39 0.00	52.82 3.50 0.00	46.71 2.52 0.00	41.08 1.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.43 -0.17 0.00	39.25 1.44 0.00	33.59 1.14 0.00	31.96 0.16 0.00	31.80 0.41 0.00	32.01 0.47 0.00	31.49 -0.22 0.00	29.67 -0.36 0.00	29.94 -0.12 0.00	29.53 -0.03 0.00	30.42 0.18 0.00	32.32 0.03 0.00	36.33 0.75 0.00	40.16 0.94 0.00	41.97 0.70 0.00	45.59 0.18 0.00	51.83 0.51 0.00	59.24 0.82 0.00	61.62 1.27 0.00	59.59 0.88 0.00	55.00 0.33 0.00	50.26 0.94 0.00	44.37 0.18 0.00	39.24 0.12 0.00

SAWYER___23_KV_LOAD 55526	42.43 -0.17 0.00	39.25 1.44 0.00	33.59 1.14 0.00	31.96 0.16 0.00	31.80 0.41 0.00	32.01 0.47 0.00	31.49 -0.22 0.00	29.67 -0.36 0.00	29.94 -0.12 0.00	29.53 -0.03 0.00	30.42 0.18 0.00	32.32 0.03 0.00	36.33 0.75 0.00	40.16 0.94 0.00	41.97 0.70 0.00	45.59 0.18 0.00	51.83 0.51 0.00	59.24 0.82 0.00	61.62 1.27 0.00	59.59 0.88 0.00	55.00 0.33 0.00	50.26 0.94 0.00	44.37 0.18 0.00	39.24 0.12 0.00
SELKIRK___I 23801	43.50 0.90 0.00	38.79 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.37 0.97 0.00	32.49 0.95 0.00	32.41 0.70 0.00	30.54 0.51 0.00	30.54 0.48 0.00	30.01 0.44 0.00	30.61 0.36 0.00	32.67 0.39 0.01	35.80 0.36 0.14	39.29 0.35 0.28	41.30 0.37 0.34	45.50 0.45 0.36	51.56 0.46 0.22	58.94 0.52 0.00	60.78 0.43 0.00	59.17 0.47 0.00	55.21 0.55 0.00	49.87 0.54 0.00	44.81 0.62 0.00	39.62 0.55 0.05
SELKIRK___II 23799	43.28 0.68 0.00	38.64 0.83 0.00	33.23 0.78 0.00	32.66 0.86 0.00	32.24 0.85 0.00	32.36 0.82 0.00	32.34 0.63 0.00	30.54 0.51 0.00	30.57 0.51 0.00	30.06 0.50 0.00	30.67 0.42 0.00	32.73 0.45 0.02	35.85 0.43 0.16	39.32 0.43 0.33	41.32 0.45 0.40	45.48 0.50 0.42	51.57 0.51 0.26	58.94 0.52 0.00	60.66 0.30 0.00	59.00 0.30 0.00	55.00 0.33 0.00	49.62 0.30 0.00	44.59 0.40 0.00	39.42 0.35 0.06
SENECA OSWGO___HYD 24041	43.82 -0.81 -2.03	39.29 -0.45 -1.93	32.47 -0.42 -0.44	31.32 -0.48 0.00	30.92 -0.47 0.00	31.23 -0.47 -0.16	31.24 -0.63 -0.16	29.43 -0.60 0.00	29.42 -0.63 0.00	28.91 -0.65 0.00	29.64 -0.60 0.00	31.64 -0.65 0.00	34.98 -0.61 0.00	38.51 -0.70 0.00	40.48 -0.79 0.00	44.50 -0.91 0.00	50.39 -0.92 0.00	57.48 -0.94 0.00	59.63 -0.72 0.00	58.06 -0.64 0.00	53.96 -0.71 0.00	52.30 -0.54 -3.52	43.57 -0.62 0.00	38.54 -0.59 0.00
SENECA___115KV_TB3 355854	42.69 0.09 0.00	39.48 1.66 0.00	33.78 1.33 0.00	32.12 0.32 0.00	31.99 0.60 0.00	32.20 0.66 0.00	31.68 -0.03 0.00	29.88 -0.15 0.00	30.18 0.12 0.00	29.77 0.21 0.00	30.70 0.45 0.00	32.61 0.32 0.00	36.61 1.03 0.00	40.51 1.29 0.00	42.34 1.07 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.88 1.46 0.00	62.28 1.93 0.00	60.17 1.47 0.00	55.54 0.87 0.00	50.70 1.38 0.00	44.77 0.57 0.00	39.56 0.43 0.00
SENECA___ENERGY 23797	43.17 0.00 -0.57	38.88 0.53 -0.54	32.97 0.39 -0.12	31.93 0.13 0.00	31.58 0.19 0.00	31.78 0.19 -0.05	31.66 0.19 -0.05	29.97 -0.06 0.00	29.97 -0.09 0.00	29.41 -0.15 0.00	30.21 -0.03 0.00	32.26 -0.03 0.00	35.76 0.18 0.00	39.41 0.20 0.00	41.39 0.12 0.00	45.40 0.00 0.00	51.47 0.15 0.00	58.77 0.35 0.00	61.20 0.84 0.00	59.59 0.88 0.00	55.27 0.60 0.00	50.99 0.69 -0.98	44.59 0.40 0.00	39.36 0.24 0.00
SHOEMAKER___GT 23640	44.05 1.45 0.00	39.29 1.47 0.00	33.72 1.26 0.00	32.98 1.18 0.00	32.52 1.13 0.00	32.68 1.13 0.00	32.69 0.98 0.00	30.99 0.96 0.00	31.11 1.05 0.00	30.71 1.15 0.00	31.48 1.24 -0.02	33.64 1.32 -0.24	37.28 1.46 -0.49	41.39 1.69 -0.58	43.58 1.73 -0.62	48.02 2.00 -0.38	53.85 2.15 0.00	60.76 2.34 0.00	62.41 2.05 0.00	60.53 1.82 0.00	56.25 1.59 0.00	50.60 1.28 0.00	45.52 1.32 0.00	40.54 1.33 -0.09
SHOEMAKR_138KV_BK 111 55601	44.05 1.45 0.00	39.29 1.47 0.00	33.72 1.27 0.00	33.01 1.21 0.00	32.52 1.13 0.00	32.68 1.14 0.00	32.69 0.98 0.00	31.02 0.99 0.00	31.14 1.08 0.00	30.71 1.15 0.00	31.51 1.27 -0.02	33.67 1.36 -0.24	37.31 1.49 -0.48	41.42 1.73 -0.58	43.62 1.77 -0.61	48.06 2.04 -0.38	53.85 2.16 0.00	60.76 2.34 0.00	62.41 2.05 0.00	60.53 1.82 0.00	56.31 1.64 0.00	50.60 1.28 0.00	45.52 1.33 0.00	40.54 1.33 -0.09
SHOREHAM_IC_1 23715	45.64 3.03 -0.01	40.85 3.03 -0.01	34.66 2.21 0.00	33.68 1.88 0.00	33.21 1.82 0.00	33.12 1.58 0.00	33.20 1.49 0.00	31.56 1.53 0.00	32.07 2.01 0.00	31.93 2.37 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.84 3.17 -4.10	43.37 3.53 -0.62	45.35 3.38 -0.70	49.33 3.45 -0.48	54.64 3.49 0.17	62.57 4.15 0.00	63.55 3.20 0.00	60.87 2.76 0.60	55.70 1.59 0.56	50.17 1.23 0.39	45.30 1.11 0.00	42.13 2.90 -0.11
SHOREHAM_IC_2 23716	45.63 3.02 0.00	40.84 3.02 0.00	34.66 2.21 0.00	33.84 2.04 0.00	33.21 1.82 0.00	33.12 1.58 0.00	33.20 1.49 0.00	31.92 1.89 0.00	32.07 2.01 0.00	31.93 2.36 0.00	32.90 2.66 0.00	41.79 2.78 -6.72	42.84 3.17 -4.10	43.37 3.53 -0.62	45.34 3.38 -0.69	49.34 3.45 -0.48	54.59 3.44 0.17	62.57 4.15 0.00	63.56 3.20 0.00	60.87 2.76 0.60	55.75 1.64 0.56	50.17 1.23 0.39	45.38 1.19 0.00	42.13 2.90 -0.10
SISSONVILLE____ 23735	43.37 0.77 0.00	37.85 0.04 0.00	32.49 0.03 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.60 0.06 0.00	32.12 0.41 0.00	30.45 0.42 0.00	30.45 0.39 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.48 0.19 0.00	35.62 0.04 0.00	39.18 -0.04 0.00	41.31 0.04 0.00	45.50 0.09 0.00	51.26 -0.05 0.00	57.84 -0.58 0.00	60.05 -0.30 0.00	58.65 -0.06 0.00	54.78 0.11 0.00	49.86 0.54 0.00	44.85 0.66 0.00	39.75 0.63 0.00
SITHE_IND_GS1 24169	34.23 -1.28 7.10	30.15 -0.91 6.75	30.15 -0.78 1.52	30.94 -0.86 0.00	30.58 -0.82 0.00	30.15 -0.82 0.57	30.15 -0.98 0.58	29.10 -0.93 0.00	29.12 -0.93 0.00	28.65 -0.92 0.00	29.36 -0.88 0.00	31.32 -0.97 0.00	34.58 -1.00 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.04 -1.36 0.00	49.88 -1.44 0.00	56.84 -1.57 0.00	58.90 -1.45 0.00	57.30 -1.41 0.00	53.25 -1.42 0.00	35.81 -1.18 12.32	43.04 -1.15 0.00	38.07 -1.05 0.00
SITHE_IND_GS2 24170	34.23 -1.28 7.10	30.15 -0.91 6.75	30.15 -0.78 1.52	30.94 -0.86 0.00	30.58 -0.82 0.00	30.15 -0.82 0.57	30.15 -0.98 0.58	29.10 -0.93 0.00	29.12 -0.93 0.00	28.65 -0.92 0.00	29.36 -0.88 0.00	31.32 -0.97 0.00	34.58 -1.00 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.04 -1.36 0.00	49.88 -1.44 0.00	56.84 -1.57 0.00	58.90 -1.45 0.00	57.30 -1.41 0.00	53.25 -1.42 0.00	35.81 -1.18 12.32	43.04 -1.15 0.00	38.07 -1.05 0.00
SITHE_IND_GS3 24171	34.23 -1.28 7.10	30.15 -0.91 6.75	30.15 -0.78 1.52	30.94 -0.86 0.00	30.58 -0.82 0.00	30.15 -0.82 0.57	30.15 -0.98 0.58	29.10 -0.93 0.00	29.12 -0.93 0.00	28.65 -0.92 0.00	29.36 -0.88 0.00	31.32 -0.97 0.00	34.58 -1.00 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.04 -1.36 0.00	49.88 -1.44 0.00	56.84 -1.57 0.00	58.90 -1.45 0.00	57.30 -1.41 0.00	53.25 -1.42 0.00	35.81 -1.18 12.32	43.04 -1.15 0.00	38.07 -1.05 0.00
SITHE_IND_GS4 24172	34.23 -1.28 7.10	30.15 -0.91 6.75	30.15 -0.78 1.52	30.94 -0.86 0.00	30.58 -0.82 0.00	30.15 -0.82 0.57	30.15 -0.98 0.58	29.10 -0.93 0.00	29.12 -0.93 0.00	28.65 -0.92 0.00	29.36 -0.88 0.00	31.32 -0.97 0.00	34.58 -1.00 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.04 -1.36 0.00	49.88 -1.44 0.00	56.84 -1.57 0.00	58.90 -1.45 0.00	57.30 -1.41 0.00	53.25 -1.42 0.00	35.81 -1.18 12.32	43.04 -1.15 0.00	38.07 -1.05 0.00

SITHE___BATAVIA 24024	43.80 1.19 0.00	40.27 2.46 0.00	34.40 1.95 0.00	32.98 1.18 0.00	32.65 1.26 0.00	32.84 1.29 0.00	32.15 0.44 0.00	30.36 0.33 0.00	30.48 0.42 0.00	29.98 0.41 0.00	30.85 0.60 0.00	32.78 0.49 0.00	36.75 1.17 0.00	40.59 1.37 0.00	42.46 1.20 0.00	46.31 0.91 0.00	52.75 1.43 0.00	60.41 1.99 0.00	63.01 2.65 0.00	61.35 2.64 0.00	56.80 2.13 0.00	51.79 2.47 0.00	45.74 1.55 0.00	40.42 1.29 0.00
SITHE___INDEPEND 23800	34.23 -1.28 7.10	30.15 -0.91 6.75	30.15 -0.78 1.52	30.94 -0.86 0.00	30.58 -0.82 0.00	30.15 -0.82 0.57	30.15 -0.98 0.58	29.10 -0.93 0.00	29.12 -0.93 0.00	28.65 -0.92 0.00	29.37 -0.88 0.00	31.32 -0.97 0.00	34.58 -1.00 0.00	38.16 -1.06 0.00	40.11 -1.16 0.00	44.04 -1.36 0.00	49.88 -1.44 0.00	56.84 -1.58 0.00	58.84 -1.51 0.00	57.30 -1.41 0.00	53.25 -1.42 0.00	35.82 -1.18 12.32	43.04 -1.15 0.00	38.07 -1.06 0.00
SITHE___MASSENA 23902	43.12 0.51 0.00	37.74 -0.08 0.00	32.42 -0.03 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	31.99 0.28 0.00	30.33 0.30 0.00	30.33 0.27 0.00	29.74 0.18 0.00	30.36 0.12 0.00	32.45 0.16 0.00	35.65 0.07 0.00	39.25 0.04 0.00	41.35 0.08 0.00	45.54 0.14 0.00	51.47 0.15 0.00	58.36 -0.06 0.00	60.41 0.06 0.00	58.88 0.18 0.00	55.10 0.44 0.00	49.71 0.39 0.00	44.59 0.40 0.00	39.52 0.39 0.00
SITHE___OGDNSBRG 24021	43.80 1.19 0.00	38.23 0.42 0.00	32.78 0.32 0.00	32.12 0.32 0.00	31.74 0.35 0.00	31.95 0.41 0.00	32.44 0.73 0.00	30.69 0.66 0.00	30.60 0.54 0.00	29.92 0.35 0.00	30.45 0.21 0.00	32.58 0.29 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.47 0.21 0.00	45.72 0.32 0.00	51.67 0.36 0.00	58.54 0.12 0.00	61.02 0.66 0.00	59.70 1.00 0.00	55.82 1.15 0.00	50.65 1.33 0.00	45.38 1.19 0.00	40.18 1.06 0.00
SITHE___STERLING 23777	43.58 0.98 0.00	38.76 0.95 0.00	33.23 0.78 0.00	32.50 0.70 0.00	32.18 0.79 0.00	32.42 0.88 0.00	32.38 0.67 0.00	30.66 0.63 0.00	30.63 0.57 0.00	30.01 0.44 0.00	30.70 0.45 0.00	32.78 0.49 0.00	36.04 0.46 0.00	39.72 0.51 0.00	41.84 0.58 0.00	45.99 0.59 0.00	52.29 0.97 0.00	59.65 1.23 0.00	62.10 1.75 0.00	60.58 1.88 0.00	56.36 1.70 0.00	50.85 1.53 0.00	45.43 1.24 0.00	40.10 0.98 0.00
SLEIGHT__34_KV_TB1 80719	42.72 -0.17 -0.29	38.61 0.53 -0.27	32.87 0.36 -0.06	31.77 -0.03 0.00	31.45 0.06 0.00	31.63 0.06 -0.02	31.45 -0.29 -0.02	29.76 -0.27 0.00	29.82 -0.24 0.00	29.30 -0.27 0.00	30.09 -0.15 0.00	32.10 -0.19 0.00	35.69 0.11 0.00	39.33 0.12 0.00	41.27 0.00 0.00	45.18 -0.23 0.00	51.42 0.10 0.00	58.59 0.18 0.00	61.02 0.66 0.00	59.47 0.76 0.00	55.16 0.49 0.00	50.51 0.69 -0.50	44.46 0.27 0.00	39.24 0.12 0.00
SMITHTWN_69_KV_BK 1 55830	46.05 3.45 0.00	41.25 3.44 0.00	35.05 2.60 0.00	34.22 2.42 0.00	33.56 2.17 0.00	33.50 1.96 0.00	33.58 1.87 0.00	32.16 2.13 0.00	32.40 2.34 0.00	32.28 2.72 0.00	33.27 3.02 0.00	42.21 3.20 -6.72	43.24 3.56 -4.10	43.84 4.00 -0.62	45.84 3.88 -0.69	49.54 3.95 -0.18	54.38 3.95 0.89	62.92 4.73 0.23	64.03 3.86 0.19	60.77 3.35 1.29	55.84 2.24 1.07	50.31 1.73 0.74	45.87 1.68 0.00	42.56 3.33 -0.10
SOUTH CAIRO___GT 23612	44.48 1.87 0.00	39.67 1.85 0.00	34.11 1.66 0.00	33.45 1.65 0.00	32.99 1.60 0.00	33.15 1.61 0.00	32.98 1.27 0.00	30.99 0.96 0.00	30.90 0.84 0.00	30.21 0.65 0.00	30.61 0.36 0.00	32.86 0.58 0.01	36.13 0.64 0.10	39.65 0.63 0.19	41.78 0.74 0.23	46.20 1.04 0.25	52.60 1.44 0.15	59.94 1.52 0.00	61.92 1.57 0.00	60.58 1.88 0.00	56.47 1.80 0.00	51.05 1.73 0.00	45.78 1.59 0.00	40.66 1.57 0.03
SOUTH HAMPTN___IC 23720	46.40 3.79 -0.01	41.49 3.67 -0.01	35.18 2.73 0.00	34.19 2.39 0.00	33.71 2.32 0.00	33.62 2.08 0.00	33.68 1.97 0.00	32.01 1.98 0.00	32.61 2.55 0.00	32.55 2.98 0.00	33.64 3.39 -0.01	42.60 3.58 -6.72	43.80 4.13 -4.09	44.42 4.59 -0.62	46.51 4.54 -0.70	50.63 4.72 -0.51	56.03 4.82 0.10	64.21 5.78 0.00	64.94 4.58 0.00	62.22 4.05 0.54	56.84 2.68 0.51	51.19 2.22 0.35	46.09 1.90 0.00	42.84 3.60 -0.11
SOUTHDOW_115KV_TB1 355954	43.63 1.02 0.00	40.19 2.38 0.00	34.47 2.01 0.00	32.82 1.02 0.00	32.62 1.22 0.00	32.90 1.36 0.00	32.44 0.73 0.00	30.78 0.75 0.00	31.17 1.11 0.00	30.77 1.21 0.00	31.82 1.57 0.00	33.71 1.42 0.00	37.75 2.17 0.00	41.84 2.63 0.00	43.70 2.43 0.00	47.63 2.22 0.00	54.24 2.92 0.00	61.98 3.56 0.00	64.52 4.16 0.00	62.17 3.46 0.00	57.29 2.62 0.00	52.23 2.91 0.00	46.05 1.86 0.00	40.50 1.37 0.00
SOUTHOLD_69_KV_BK 2 55809	47.16 4.56 0.00	42.09 4.27 0.00	35.67 3.21 0.00	34.82 3.02 0.00	34.19 2.79 0.00	34.06 2.52 0.00	34.09 2.38 0.00	32.79 2.76 0.00	33.12 3.07 0.00	33.11 3.55 0.00	34.36 4.11 0.00	43.44 4.42 -6.72	44.80 5.12 -4.09	45.56 5.73 -0.62	47.69 5.74 -0.69	51.99 6.08 -0.51	57.42 6.21 0.11	65.90 7.48 0.00	66.15 5.79 0.00	63.27 5.11 0.54	57.82 3.66 0.51	52.08 3.11 0.35	46.80 2.61 0.00	43.42 4.19 -0.10
SOUTHOLD___IC 23719	47.17 4.56 -0.01	42.09 4.27 -0.01	35.67 3.21 0.00	34.66 2.86 0.00	34.18 2.79 0.00	34.07 2.52 0.00	34.09 2.38 0.00	32.43 2.40 0.00	33.12 3.07 0.00	33.11 3.55 0.00	34.36 4.11 -0.01	43.44 4.42 -6.72	44.80 5.12 -4.09	45.56 5.73 -0.62	47.70 5.73 -0.70	52.00 6.09 -0.51	57.42 6.21 0.11	65.90 7.48 0.00	66.09 5.74 0.00	63.27 5.10 0.54	57.77 3.61 0.51	52.08 3.11 0.35	46.71 2.52 0.00	43.43 4.19 -0.11
SOUTH_FORK_WT_PWR 323839	47.08 4.47 -0.01	41.98 4.16 -0.01	35.57 3.12 0.00	34.60 2.80 0.00	34.15 2.76 0.00	34.03 2.49 0.00	34.02 2.31 0.00	32.40 2.37 0.00	33.12 3.07 0.00	33.17 3.61 0.00	34.45 4.20 -0.01	43.57 4.55 -6.72	44.98 5.30 -4.09	45.72 5.88 -0.62	47.79 5.82 -0.70	52.08 6.17 -0.51	57.42 6.21 0.10	65.84 7.42 0.00	65.73 5.37 0.00	62.87 4.70 0.54	57.38 3.22 0.51	51.83 2.86 0.35	46.44 2.25 0.00	43.23 3.99 -0.11
SPIERFLS_115KV_TB 1 80737	43.92 1.32 0.00	39.06 1.25 0.00	33.49 1.04 0.00	32.91 1.11 0.00	32.40 1.00 0.00	32.52 0.98 0.00	32.37 0.67 0.00	31.23 1.20 0.00	31.17 1.11 0.00	30.60 1.03 0.00	30.94 0.70 0.00	33.04 0.77 0.03	36.01 0.68 0.25	39.42 0.71 0.50	41.41 0.74 0.60	44.77 0.00 0.64	50.92 0.00 0.39	58.89 0.47 0.00	61.44 1.09 0.00	60.00 1.29 0.00	56.31 1.64 0.00	50.95 1.63 0.00	45.74 1.55 0.00	40.17 1.13 0.09
ST LAWRENCE____ 23600	42.48 -0.13 0.00	37.32 -0.49 0.00	32.03 -0.42 0.00	31.39 -0.41 0.00	30.98 -0.41 0.00	31.13 -0.41 0.00	31.58 -0.13 0.00	29.94 -0.09 0.00	29.97 -0.09 0.00	29.41 -0.15 0.00	30.03 -0.21 0.00	32.10 -0.19 0.00	35.29 -0.29 0.00	38.86 -0.35 0.00	40.93 -0.33 0.00	45.09 -0.32 0.00	50.96 -0.36 0.00	57.95 -0.47 0.00	59.93 -0.42 0.00	58.36 -0.35 0.00	54.45 -0.22 0.00	49.13 -0.20 0.00	44.02 -0.18 0.00	38.97 -0.16 0.00

STATE_CA_115KV_115_LB 55624	43.46 0.85 0.00	38.80 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.36 0.97 0.00	32.49 0.95 0.00	32.44 0.73 0.00	30.63 0.60 0.00	30.63 0.57 0.00	30.12 0.56 0.00	30.67 0.42 0.00	32.72 0.45 0.02	35.74 0.39 0.23	39.10 0.35 0.47	41.12 0.41 0.56	45.26 0.45 0.60	51.41 0.46 0.37	58.95 0.53 0.00	60.72 0.36 0.00	59.06 0.35 0.00	55.05 0.38 0.00	49.67 0.35 0.00	44.68 0.49 0.00	39.43 0.39 0.08
STATE_ST_34_KV_LOAD 55959	43.32 0.09 -0.63	38.86 0.45 -0.60	32.95 0.36 -0.14	31.96 0.16 0.00	31.61 0.22 0.00	31.81 0.22 -0.05	31.76 0.00 -0.05	30.03 0.00 0.00	30.06 0.00 0.00	29.47 -0.09 0.00	30.24 0.00 0.00	32.29 0.00 0.00	35.72 0.14 0.00	39.33 0.12 0.00	41.35 0.08 0.00	45.40 0.00 0.00	51.52 0.21 0.00	58.83 0.41 0.00	61.20 0.84 0.00	59.59 0.88 0.00	55.32 0.66 0.00	51.15 0.74 -1.09	44.63 0.44 0.00	39.40 0.27 0.00
STATION_5_MISC_HYD 23604	42.86 0.26 0.00	39.02 1.21 0.00	33.36 0.91 0.00	32.21 0.41 0.00	31.83 0.44 0.00	32.02 0.47 0.00	31.74 0.03 0.00	30.00 -0.03 0.00	30.09 0.03 0.00	29.62 0.06 0.00	30.46 0.21 0.00	32.42 0.13 0.00	36.18 0.60 0.00	39.92 0.71 0.00	41.84 0.58 0.00	45.77 0.36 0.00	52.03 0.72 0.00	59.41 0.99 0.00	61.80 1.45 0.00	60.11 1.41 0.00	55.70 1.04 0.00	50.65 1.33 0.00	44.90 0.70 0.00	39.63 0.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.96 0.09 -0.27	38.86 0.79 -0.26	33.09 0.58 -0.06	31.96 0.16 0.00	31.64 0.25 0.00	31.82 0.25 -0.02	31.64 -0.10 -0.02	29.91 -0.12 0.00	29.97 -0.09 0.00	29.47 -0.09 0.00	30.27 0.03 0.00	32.29 0.00 0.00	35.90 0.32 0.00	39.57 0.35 0.00	41.51 0.25 0.00	45.50 0.09 0.00	51.67 0.36 0.00	58.95 0.53 0.00	61.38 1.03 0.00	59.76 1.06 0.00	55.43 0.77 0.00	50.77 0.99 -0.47	44.72 0.53 0.00	39.48 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.60 0.00 0.00	38.72 0.91 0.00	33.10 0.65 0.00	31.90 0.10 0.00	31.61 0.22 0.00	31.76 0.22 0.00	31.52 -0.19 0.00	29.79 -0.24 0.00	29.91 -0.15 0.00	29.44 -0.12 0.00	30.27 0.03 0.00	32.26 -0.03 0.00	35.97 0.39 0.00	39.65 0.43 0.00	41.60 0.33 0.00	45.50 0.09 0.00	51.78 0.46 0.00	58.95 0.53 0.00	61.38 1.03 0.00	59.76 1.06 0.00	55.38 0.71 0.00	50.31 0.99 0.00	44.63 0.44 0.00	39.40 0.27 0.00
STA_56___34_KV_BUS2 355983	42.60 0.00 0.00	38.72 0.91 0.00	33.10 0.65 0.00	31.90 0.10 0.00	31.61 0.22 0.00	31.76 0.22 0.00	31.52 -0.19 0.00	29.79 -0.24 0.00	29.91 -0.15 0.00	29.44 -0.12 0.00	30.27 0.03 0.00	32.26 -0.03 0.00	35.97 0.39 0.00	39.65 0.43 0.00	41.60 0.33 0.00	45.50 0.09 0.00	51.78 0.46 0.00	58.95 0.53 0.00	61.38 1.03 0.00	59.76 1.06 0.00	55.38 0.71 0.00	50.31 0.99 0.00	44.63 0.44 0.00	39.40 0.27 0.00
STA_67___115KV_BK2 355882	42.77 0.17 0.00	38.95 1.13 0.00	33.30 0.84 0.00	32.05 0.25 0.00	31.77 0.38 0.00	31.92 0.38 0.00	31.68 -0.03 0.00	29.91 -0.12 0.00	30.03 -0.03 0.00	29.56 0.00 0.00	30.36 0.12 0.00	32.35 0.06 0.00	36.11 0.53 0.00	39.84 0.63 0.00	41.76 0.50 0.00	45.63 0.23 0.00	51.93 0.62 0.00	59.18 0.76 0.00	61.56 1.21 0.00	59.94 1.23 0.00	55.54 0.87 0.00	50.51 1.18 0.00	44.77 0.57 0.00	39.56 0.43 0.00
STA_7___115KV_9TRANS 80674	43.12 0.51 0.00	39.25 1.44 0.00	33.52 1.07 0.00	32.25 0.45 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.87 0.16 0.00	30.09 0.06 0.00	30.24 0.18 0.00	29.77 0.21 0.00	30.58 0.33 0.00	32.58 0.29 0.00	36.36 0.78 0.00	40.12 0.90 0.00	42.09 0.83 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.65 1.23 0.00	62.16 1.81 0.00	60.53 1.82 0.00	56.09 1.42 0.00	51.00 1.68 0.00	45.21 1.02 0.00	39.87 0.74 0.00
STA_82___115KV_TB1 80780	42.77 0.17 0.00	38.95 1.13 0.00	33.30 0.84 0.00	32.05 0.25 0.00	31.77 0.38 0.00	31.95 0.41 0.00	31.68 -0.03 0.00	29.91 -0.12 0.00	30.03 -0.03 0.00	29.56 0.00 0.00	30.39 0.15 0.00	32.35 0.06 0.00	36.11 0.53 0.00	39.84 0.63 0.00	41.76 0.50 0.00	45.63 0.23 0.00	51.93 0.62 0.00	59.18 0.76 0.00	61.62 1.27 0.00	59.94 1.23 0.00	55.54 0.87 0.00	50.51 1.18 0.00	44.81 0.62 0.00	39.56 0.43 0.00
STEEL___WIND 323596	42.69 0.09 0.00	39.44 1.62 0.00	33.75 1.30 0.00	32.31 0.51 0.00	31.96 0.57 0.00	32.20 0.66 0.00	31.65 -0.06 0.00	29.91 -0.12 0.00	30.15 0.09 0.00	29.74 0.18 0.00	30.67 0.42 0.00	32.58 0.29 0.00	36.58 0.99 0.00	40.47 1.25 0.00	42.30 1.03 0.00	46.04 0.64 0.00	52.29 0.97 0.00	59.88 1.46 0.00	62.28 1.93 0.00	60.17 1.47 0.00	55.54 0.87 0.00	50.65 1.33 0.00	44.72 0.53 0.00	39.52 0.39 0.00
STEPHTWN_115KV_BK_2 55603	43.63 1.02 0.00	38.95 1.13 0.00	33.52 1.07 0.00	32.95 1.14 0.00	32.49 1.10 0.00	32.61 1.07 0.00	32.53 0.82 0.00	30.72 0.69 0.00	30.75 0.69 0.00	30.21 0.65 0.00	30.76 0.51 0.00	32.85 0.58 0.02	35.85 0.50 0.22	39.23 0.47 0.46	41.22 0.50 0.55	45.46 0.64 0.58	51.62 0.67 0.36	59.24 0.82 0.00	61.02 0.66 0.00	59.35 0.65 0.00	55.38 0.71 0.00	49.96 0.64 0.00	44.90 0.71 0.00	39.59 0.55 0.08
STEUBEN_REC_LFGE 323667	43.37 0.77 0.00	39.63 1.81 0.00	33.91 1.46 0.00	32.53 0.73 0.00	32.30 0.91 0.00	32.52 0.98 0.00	32.15 0.44 0.00	30.33 0.30 0.00	30.36 0.30 0.00	29.80 0.24 0.00	30.73 0.48 0.00	32.77 0.48 0.00	36.61 1.03 0.00	40.47 1.25 0.00	42.42 1.16 0.00	46.31 0.91 0.00	52.70 1.39 0.00	60.29 1.87 0.00	63.19 2.84 0.00	61.52 2.82 0.00	57.07 2.41 0.00	51.89 2.56 0.00	46.00 1.81 0.00	40.46 1.33 0.00
STILLWATER___SOLAR 323814	44.18 1.58 0.00	39.36 1.55 0.00	33.78 1.33 0.00	33.17 1.37 0.00	32.71 1.32 0.00	32.84 1.29 0.00	32.72 1.01 0.00	31.05 1.02 0.00	31.02 0.96 0.00	30.45 0.89 0.00	30.97 0.72 0.00	33.04 0.77 0.03	36.05 0.75 0.27	39.48 0.82 0.56	41.47 0.87 0.67	45.56 0.86 0.71	51.85 0.97 0.44	59.82 1.40 0.00	61.98 1.63 0.00	60.41 1.70 0.00	56.47 1.80 0.00	51.10 1.77 0.00	45.87 1.68 0.00	40.36 1.33 0.10
STONY___BROOK 24151	46.06 3.45 -0.01	41.26 3.44 -0.01	35.05 2.60 0.00	34.06 2.26 0.00	33.56 2.16 0.00	33.50 1.96 0.00	33.58 1.87 0.00	31.92 1.89 0.00	32.40 2.35 0.00	32.28 2.72 0.00	33.25 2.99 -0.01	42.18 3.17 -6.72	43.24 3.56 -4.10	43.80 3.96 -0.62	45.81 3.84 -0.70	49.62 3.86 -0.35	54.74 3.90 0.47	62.98 4.56 0.00	64.04 3.68 0.00	60.98 3.17 0.89	55.91 2.02 0.78	50.46 1.68 0.54	45.78 1.59 0.00	42.56 3.32 -0.11
STURGEON_POOL_HYD 23609	44.35 1.75 0.00	39.51 1.70 0.00	33.88 1.43 0.00	33.20 1.40 0.00	32.68 1.29 0.00	32.83 1.29 0.00	32.88 1.17 0.00	31.17 1.14 0.00	31.32 1.26 0.00	30.92 1.36 0.00	31.72 1.48 0.00	33.95 1.65 -0.01	37.58 1.85 -0.15	41.71 2.20 -0.29	43.93 2.31 -0.35	48.41 2.63 -0.37	54.37 2.82 -0.23	61.28 2.86 0.00	62.83 2.47 0.00	60.94 2.23 0.00	56.58 1.91 0.00	50.85 1.53 0.00	45.78 1.59 0.00	40.90 1.72 -0.05

ST_LAW_115_BK7_LBMP 345037	42.52 -0.09 0.00	37.28 -0.53 0.00	32.03 -0.42 0.00	31.39 -0.41 0.00	30.98 -0.41 0.00	31.13 -0.41 0.00	31.58 -0.13 0.00	29.97 -0.06 0.00	29.97 -0.09 0.00	29.41 -0.15 0.00	30.03 -0.21 0.00	32.10 -0.19 0.00	35.29 -0.29 0.00	38.86 -0.35 0.00	40.93 -0.33 0.00	45.09 -0.32 0.00	50.96 -0.36 0.00	57.89 -0.53 0.00	59.87 -0.48 0.00	58.36 -0.35 0.00	54.45 -0.22 0.00	49.13 -0.20 0.00	44.02 -0.18 0.00	38.97 -0.16 0.00
ST_LAW_115_BK8_LBMP 345038	42.52 -0.09 0.00	37.28 -0.53 0.00	32.03 -0.42 0.00	31.39 -0.41 0.00	30.98 -0.41 0.00	31.13 -0.41 0.00	31.58 -0.13 0.00	29.97 -0.06 0.00	29.97 -0.09 0.00	29.41 -0.15 0.00	30.03 -0.21 0.00	32.10 -0.19 0.00	35.29 -0.29 0.00	38.86 -0.35 0.00	40.93 -0.33 0.00	45.09 -0.32 0.00	50.96 -0.36 0.00	57.89 -0.53 0.00	59.87 -0.48 0.00	58.36 -0.35 0.00	54.45 -0.22 0.00	49.13 -0.20 0.00	44.02 -0.18 0.00	38.97 -0.16 0.00
ST_LAW_230_BK5_LBMP 345035	42.48 -0.13 0.00	37.32 -0.49 0.00	32.03 -0.42 0.00	31.39 -0.41 0.00	30.98 -0.41 0.00	31.13 -0.41 0.00	31.58 -0.13 0.00	29.94 -0.09 0.00	29.97 -0.09 0.00	29.41 -0.15 0.00	30.03 -0.21 0.00	32.10 -0.19 0.00	35.29 -0.29 0.00	38.86 -0.35 0.00	40.93 -0.33 0.00	45.09 -0.32 0.00	50.96 -0.36 0.00	57.95 -0.47 0.00	59.93 -0.42 0.00	58.36 -0.35 0.00	54.45 -0.22 0.00	49.13 -0.20 0.00	44.02 -0.18 0.00	38.97 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	42.48 -0.13 0.00	37.32 -0.49 0.00	32.03 -0.42 0.00	31.39 -0.41 0.00	30.98 -0.41 0.00	31.13 -0.41 0.00	31.58 -0.13 0.00	29.94 -0.09 0.00	29.97 -0.09 0.00	29.41 -0.15 0.00	30.03 -0.21 0.00	32.10 -0.19 0.00	35.29 -0.29 0.00	38.86 -0.35 0.00	40.93 -0.33 0.00	45.09 -0.32 0.00	50.96 -0.36 0.00	57.95 -0.47 0.00	59.93 -0.42 0.00	58.36 -0.35 0.00	54.45 -0.22 0.00	49.13 -0.20 0.00	44.02 -0.18 0.00	38.97 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.27 1.66 0.00	39.48 1.66 0.00	33.88 1.43 0.00	33.14 1.34 0.00	32.65 1.26 0.00	32.80 1.26 0.00	32.82 1.11 0.00	31.14 1.11 0.00	31.32 1.26 0.00	30.92 1.36 0.00	31.76 1.51 0.00	33.93 1.61 -0.03	37.61 1.78 -0.25	41.76 2.04 -0.50	43.98 2.10 -0.61	48.45 2.41 -0.64	54.23 2.51 -0.40	61.17 2.75 0.00	62.71 2.35 0.00	60.76 2.05 0.00	56.53 1.86 0.00	50.75 1.43 0.00	45.69 1.50 0.00	40.74 1.53 -0.09
SWANROAD_115KV_TB1 355699	42.31 -0.30 0.00	39.25 1.44 0.00	33.56 1.10 0.00	31.45 -0.35 0.00	31.77 0.38 0.00	31.98 0.44 0.00	30.98 -0.73 0.00	29.16 -0.87 0.00	29.40 -0.66 0.00	29.00 -0.56 0.00	29.85 -0.39 0.00	31.68 -0.61 0.00	35.65 0.07 0.00	39.41 0.20 0.00	41.14 -0.12 0.00	44.68 -0.73 0.00	50.80 -0.51 0.00	58.07 -0.35 0.00	60.41 0.06 0.00	58.47 -0.23 0.00	54.01 -0.66 0.00	49.37 0.05 0.00	43.62 -0.57 0.00	38.81 -0.31 0.00
SYNERGY___BIOGAS 323694	43.80 1.19 0.00	40.27 2.46 0.00	34.40 1.95 0.00	32.63 0.83 0.00	32.65 1.26 0.00	32.80 1.26 0.00	32.15 0.44 0.00	30.33 0.30 0.00	30.48 0.42 0.00	29.98 0.41 0.00	30.85 0.60 0.00	32.77 0.48 0.00	36.75 1.17 0.00	40.59 1.37 0.00	42.46 1.20 0.00	46.31 0.91 0.00	52.80 1.49 0.00	60.23 1.81 0.00	63.01 2.66 0.00	61.35 2.64 0.00	56.74 2.08 0.00	51.79 2.47 0.00	45.74 1.55 0.00	40.38 1.25 0.00
SYRACUSE___ENERGY_ST1 323597	43.12 -0.30 -0.81	38.62 0.04 -0.77	32.63 0.00 -0.17	31.67 -0.13 0.00	31.33 -0.06 0.00	31.51 -0.09 -0.07	31.49 -0.29 -0.07	29.76 -0.27 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.00 -0.24 0.00	32.06 -0.23 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.11 -0.21 0.00	58.24 -0.18 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.72 0.05 0.00	50.83 0.10 -1.41	44.15 -0.04 0.00	39.05 -0.08 0.00
SYRACUSE___ENERGY_ST2 323598	43.12 -0.30 -0.81	38.62 0.04 -0.77	32.63 0.00 -0.17	31.67 -0.13 0.00	31.33 -0.06 0.00	31.51 -0.09 -0.07	31.49 -0.29 -0.07	29.76 -0.27 0.00	29.79 -0.27 0.00	29.27 -0.30 0.00	30.00 -0.24 0.00	32.06 -0.23 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.11 -0.21 0.00	58.24 -0.18 0.00	60.47 0.12 0.00	58.88 0.18 0.00	54.72 0.05 0.00	50.83 0.10 -1.41	44.15 -0.04 0.00	39.05 -0.08 0.00
SYRACUSE___POWER 24017	42.52 -0.34 -0.26	38.02 -0.04 -0.24	32.44 -0.06 -0.05	31.64 -0.16 0.00	31.27 -0.13 0.00	31.44 -0.13 -0.02	31.41 -0.32 -0.02	29.73 -0.30 0.00	29.76 -0.30 0.00	29.24 -0.33 0.00	30.00 -0.24 0.00	32.03 -0.26 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.06 -0.26 0.00	58.24 -0.18 0.00	60.41 0.06 0.00	58.82 0.12 0.00	54.67 0.00 0.00	49.82 0.05 -0.44	44.10 -0.09 0.00	38.97 -0.16 0.00
TALLMAN_138KV_BK151 55660	44.52 1.92 0.00	39.70 1.89 0.00	34.08 1.62 0.00	33.33 1.53 0.00	32.80 1.41 0.00	32.96 1.42 0.00	32.98 1.27 0.00	31.35 1.32 0.00	31.53 1.47 0.00	31.22 1.66 0.00	32.09 1.84 0.00	34.29 1.97 -0.03	37.98 2.13 -0.27	42.18 2.43 -0.54	44.43 2.52 -0.65	48.95 2.86 -0.68	54.66 2.92 -0.42	61.57 3.15 0.00	63.13 2.78 0.00	61.05 2.35 0.00	56.74 2.08 0.00	50.95 1.63 0.00	45.92 1.72 0.00	40.98 1.76 -0.10
TEALLAVE_115KV_TB7 355573	42.38 -0.47 -0.24	37.93 -0.11 -0.23	32.38 -0.13 -0.05	31.55 -0.25 0.00	31.20 -0.19 0.00	31.37 -0.19 -0.02	31.35 -0.38 -0.02	29.67 -0.36 0.00	29.70 -0.36 0.00	29.18 -0.38 0.00	29.94 -0.30 0.00	31.97 -0.32 0.00	35.33 -0.25 0.00	38.94 -0.27 0.00	40.89 -0.37 0.00	44.95 -0.45 0.00	50.96 -0.36 0.00	58.07 -0.35 0.00	60.23 -0.12 0.00	58.65 -0.06 0.00	54.45 -0.22 0.00	49.64 -0.10 -0.42	43.97 -0.22 0.00	38.85 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	43.07 0.47 0.00	39.78 1.97 0.00	33.98 1.53 0.00	32.15 0.35 0.00	32.21 0.82 0.00	32.42 0.88 0.00	31.68 -0.03 0.00	29.82 -0.21 0.00	30.03 -0.03 0.00	29.62 0.06 0.00	30.45 0.21 0.00	32.35 0.06 0.00	36.33 0.75 0.00	40.16 0.94 0.00	42.01 0.74 0.00	45.68 0.27 0.00	52.03 0.72 0.00	59.41 0.99 0.00	61.92 1.57 0.00	60.12 1.41 0.00	55.60 0.93 0.00	50.75 1.43 0.00	44.81 0.62 0.00	39.71 0.59 0.00
TEMPLE___115KV_TB 2 55572	42.37 -0.43 -0.19	37.92 -0.08 -0.18	32.36 -0.13 -0.04	31.58 -0.22 0.00	31.20 -0.19 0.00	31.37 -0.19 -0.02	31.34 -0.38 -0.02	29.67 -0.36 0.00	29.70 -0.36 0.00	29.21 -0.35 0.00	29.94 -0.30 0.00	31.97 -0.32 0.00	35.33 -0.25 0.00	38.94 -0.27 0.00	40.94 -0.33 0.00	44.95 -0.45 0.00	50.96 -0.36 0.00	58.13 -0.29 0.00	60.23 -0.12 0.00	58.65 -0.06 0.00	54.50 -0.16 0.00	49.56 -0.10 -0.34	43.97 -0.22 0.00	38.85 -0.27 0.00
TIANA___69_KV_BK 1 55817	46.27 3.66 0.00	41.37 3.55 0.00	35.08 2.63 0.00	34.28 2.48 0.00	33.62 2.23 0.00	33.53 1.99 0.00	33.61 1.90 0.00	32.28 2.25 0.00	32.49 2.43 0.00	32.40 2.84 0.00	33.48 3.24 0.00	42.40 3.39 -6.72	43.55 3.88 -4.09	44.19 4.35 -0.62	46.21 4.25 -0.69	50.36 4.45 -0.51	55.73 4.52 0.11	63.86 5.43 0.00	64.70 4.35 0.00	61.98 3.82 0.54	56.73 2.57 0.51	51.04 2.07 0.35	46.05 1.86 0.00	42.71 3.48 -0.10

TILDEN___115KV_TB1 80814	42.52 -0.34 -0.26	38.02 -0.04 -0.24	32.44 -0.06 -0.05	31.64 -0.16 0.00	31.27 -0.13 0.00	31.44 -0.13 -0.02	31.41 -0.32 -0.02	29.73 -0.30 0.00	29.76 -0.30 0.00	29.24 -0.33 0.00	30.00 -0.24 0.00	32.03 -0.26 0.00	35.40 -0.18 0.00	39.02 -0.20 0.00	41.02 -0.25 0.00	45.04 -0.36 0.00	51.06 -0.26 0.00	58.24 -0.18 0.00	60.41 0.06 0.00	58.82 0.12 0.00	54.67 0.00 0.00	49.82 0.05 -0.44	44.10 -0.09 0.00	38.97 -0.16 0.00
TRIGEN___CC 323695	45.54 2.94 0.00	40.65 2.84 0.00	34.69 2.24 0.00	33.87 2.07 0.00	33.27 1.88 0.00	33.28 1.73 0.00	33.36 1.65 0.00	31.83 1.80 0.00	32.07 2.01 0.00	31.87 2.31 0.00	32.72 2.48 -6.72	41.63 2.62 -4.43	42.85 2.85 -0.81	43.28 3.25 -0.75	45.40 3.38 -0.75	49.65 3.50 -0.46	55.32 3.54 0.00	62.45 4.03 0.00	63.67 3.32 0.00	61.64 2.94 0.00	56.85 2.19 0.00	51.00 1.68 0.00	45.87 1.68 0.00	41.93 2.70 -0.10
TRINITY___115KV___4 BK 55933	43.24 0.64 0.00	38.64 0.83 0.00	33.30 0.84 0.00	32.72 0.92 0.00	32.27 0.88 0.00	32.39 0.85 0.00	32.34 0.63 0.00	30.54 0.51 0.00	30.57 0.51 0.00	30.06 0.50 0.00	30.58 0.33 0.00	32.65 0.39 0.02	35.64 0.28 0.23	38.99 0.24 0.46	41.00 0.29 0.55	45.14 0.32 0.58	51.21 0.26 0.36	58.71 0.29 0.00	60.47 0.12 0.00	58.76 0.06 0.00	54.83 0.16 0.00	49.42 0.10 0.00	44.46 0.27 0.00	39.24 0.20 0.08
UNION___PROCESSING_DRP 323587	42.77 0.17 0.00	38.95 1.13 0.00	33.30 0.84 0.00	32.05 0.25 0.00	31.80 0.41 0.00	31.95 0.41 0.00	31.68 -0.03 0.00	29.91 -0.12 0.00	30.03 -0.03 0.00	29.59 0.03 0.00	30.39 0.15 0.00	32.35 0.06 0.00	36.11 0.53 0.00	39.84 0.63 0.00	41.76 0.50 0.00	45.68 0.27 0.00	51.93 0.62 0.00	59.18 0.76 0.00	61.62 1.27 0.00	60.00 1.29 0.00	55.60 0.93 0.00	50.51 1.18 0.00	44.81 0.62 0.00	39.56 0.43 0.00
UPPER HUDSON___HYD 24058	43.93 1.32 0.00	39.06 1.25 0.00	33.49 1.04 0.00	32.88 1.08 0.00	32.40 1.00 0.00	32.52 0.98 0.00	32.38 0.67 0.00	31.23 1.20 0.00	31.17 1.11 0.00	30.60 1.03 0.00	30.94 0.70 0.00	33.04 0.77 0.00	36.01 0.67 0.25	39.42 0.71 0.50	41.41 0.74 0.60	44.77 0.00 0.64	50.87 -0.05 0.39	58.88 0.47 0.00	61.44 1.09 0.00	59.94 1.23 0.00	56.31 1.64 0.00	51.00 1.68 0.00	45.74 1.55 0.00	40.17 1.14 0.09
UPPER RAQUET___HYD 24056	43.37 0.77 0.00	37.85 0.04 0.00	32.49 0.03 0.00	31.80 0.00 0.00	31.42 0.03 0.00	31.60 0.06 0.00	32.12 0.41 0.00	30.45 0.42 0.00	30.45 0.39 0.00	29.80 0.24 0.00	30.39 0.15 0.00	32.49 0.19 0.00	35.62 0.04 0.00	39.18 -0.04 0.00	41.31 0.04 0.00	45.50 0.09 0.00	51.26 -0.05 0.00	57.84 -0.58 0.00	60.05 -0.30 0.00	58.65 -0.06 0.00	54.94 0.27 0.00	49.87 0.54 0.00	44.86 0.66 0.00	39.71 0.59 0.00
VALLEY44_115KV_TB2 355964	42.01 -0.60 0.00	38.68 0.87 0.00	33.13 0.68 0.00	31.61 -0.19 0.00	31.42 0.03 0.00	31.64 0.09 0.00	31.20 -0.51 0.00	29.67 -0.36 0.00	29.94 -0.12 0.00	29.59 0.03 0.00	30.61 0.36 0.00	32.48 0.19 0.00	36.40 0.82 0.00	40.31 1.10 0.00	42.22 0.95 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.88 1.46 0.00	62.28 1.93 0.00	59.88 1.17 0.00	55.21 0.55 0.00	50.21 0.89 0.00	44.37 0.18 0.00	38.97 -0.16 0.00
VALLEY___115KV_TB 1-4 80826	42.73 0.13 0.00	38.00 0.19 0.00	32.58 0.13 0.00	31.93 0.13 0.00	31.58 0.19 0.00	31.79 0.25 0.00	31.87 0.16 0.00	30.15 0.12 0.00	30.15 0.09 0.00	29.62 0.06 0.00	30.21 -0.03 0.00	32.26 -0.03 0.00	35.47 -0.11 0.00	39.06 -0.16 0.00	41.14 -0.12 0.00	45.27 -0.14 0.00	51.21 -0.10 0.00	58.36 -0.06 0.00	60.41 0.06 0.00	58.82 0.12 0.00	54.83 0.16 0.00	49.57 0.25 0.00	44.46 0.27 0.00	39.36 0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.18 1.58 0.00	39.44 1.63 0.00	33.82 1.36 0.00	33.20 1.40 0.00	32.84 1.44 0.00	33.06 1.51 0.00	32.95 1.24 0.00	31.17 1.14 0.00	31.14 1.08 0.00	30.60 1.03 0.00	31.33 1.09 0.00	33.49 1.19 0.00	36.86 1.28 0.00	40.63 1.41 0.00	42.79 1.53 0.00	47.13 1.73 0.00	53.42 2.10 0.00	60.87 2.45 0.00	63.07 2.72 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.49 2.17 0.00	46.09 1.90 0.00	40.77 1.64 0.00
VISCHER___FERRY HYD 24020	43.75 1.15 0.00	39.06 1.25 0.00	33.59 1.14 0.00	32.98 1.18 0.00	32.52 1.13 0.00	32.64 1.10 0.00	32.63 0.92 0.00	30.87 0.84 0.00	30.87 0.81 0.00	30.33 0.77 0.00	30.91 0.66 0.00	33.00 0.74 0.03	35.99 0.75 0.34	39.35 0.82 0.69	41.31 0.87 0.82	45.49 0.96 0.87	51.80 1.03 0.54	59.65 1.23 0.00	61.56 1.21 0.00	59.88 1.17 0.00	55.82 1.15 0.00	50.41 1.08 0.00	45.30 1.11 0.00	39.86 0.86 0.12
V_A_10_SYNC_DSASP 323832	42.26 -0.34 0.00	38.91 1.10 0.00	33.30 0.84 0.00	31.83 0.03 0.00	31.61 0.22 0.00	31.83 0.28 0.00	31.42 -0.29 0.00	29.58 -0.45 0.00	29.79 -0.27 0.00	29.35 -0.21 0.00	30.18 -0.06 0.00	32.10 -0.19 0.00	35.97 0.39 0.00	39.73 0.51 0.00	41.60 0.33 0.00	45.22 -0.18 0.00	51.42 0.10 0.00	58.71 0.29 0.00	61.02 0.66 0.00	59.18 0.47 0.00	54.72 0.05 0.00	49.91 0.59 0.00	44.15 -0.04 0.00	39.09 -0.04 0.00
V_CMM_10_SYNC_DSASP 323787	42.77 0.17 0.00	37.51 -0.30 0.00	32.23 -0.23 0.00	31.58 -0.22 0.00	31.14 -0.25 0.00	31.29 -0.25 0.00	31.77 0.06 0.00	30.12 0.09 0.00	30.12 0.06 0.00	29.56 0.00 0.00	30.18 -0.06 0.00	32.29 0.00 0.00	35.47 -0.11 0.00	39.06 -0.16 0.00	41.10 -0.16 0.00	45.31 -0.09 0.00	51.21 -0.10 0.00	58.19 -0.23 0.00	60.17 -0.18 0.00	58.65 -0.06 0.00	54.78 0.11 0.00	49.37 0.05 0.00	44.24 0.04 0.00	39.20 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	43.16 0.55 0.00	37.89 0.08 0.00	32.55 0.10 0.00	31.86 0.06 0.00	31.45 0.06 0.00	31.60 0.06 0.00	32.09 0.38 0.00	30.45 0.42 0.00	30.42 0.36 0.00	29.77 0.21 0.00	30.36 0.12 0.00	32.49 0.19 0.00	35.69 0.11 0.00	39.29 0.08 0.00	41.43 0.17 0.00	45.68 0.27 0.00	51.72 0.41 0.00	58.77 0.35 0.00	60.96 0.60 0.00	59.53 0.82 0.00	55.60 0.93 0.00	50.11 0.79 0.00	44.81 0.62 0.00	39.71 0.59 0.00
V_D_10_SYNC_DSASP 323841	43.12 0.51 0.00	37.74 -0.08 0.00	32.39 -0.06 0.00	31.74 -0.06 0.00	31.33 -0.06 0.00	31.48 -0.06 0.00	31.99 0.28 0.00	30.33 0.30 0.00	30.33 0.27 0.00	29.74 0.18 0.00	30.36 0.12 0.00	32.45 0.16 0.00	35.65 0.07 0.00	39.25 0.04 0.00	41.35 0.08 0.00	45.54 0.14 0.00	51.47 0.15 0.00	58.36 -0.06 0.00	60.41 0.06 0.00	58.88 0.18 0.00	55.10 0.44 0.00	49.71 0.39 0.00	44.59 0.40 0.00	39.52 0.39 0.00
V_E_10_SYNC_DSASP 323830	45.41 2.81 0.00	40.65 2.84 0.00	34.79 2.34 0.00	33.90 2.10 0.00	33.71 2.32 0.00	34.10 2.55 0.00	33.87 2.16 0.00	31.95 1.92 0.00	31.65 1.59 0.00	30.77 1.21 0.00	31.36 1.12 0.00	33.58 1.29 0.00	36.90 1.32 0.00	40.59 1.37 0.00	42.92 1.65 0.00	47.22 1.82 0.00	54.08 2.77 0.00	62.21 3.80 0.00	65.67 5.31 0.00	64.22 5.52 0.00	59.86 5.20 0.00	54.01 4.69 0.00	48.03 3.84 0.00	42.37 3.25 0.00

V_F_30_NSYNC___DSASP 323816	44.26 1.66 0.00	39.44 1.62 0.00	33.85 1.39 0.00	33.23 1.43 0.00	32.74 1.35 0.00	32.87 1.32 0.00	32.75 1.04 0.00	31.08 1.05 0.00	31.05 0.99 0.00	30.48 0.92 0.00	31.03 0.79 0.00	33.10 0.84 0.03	36.14 0.82 0.26	39.62 0.94 0.53	41.62 0.99 0.64	45.68 0.96 0.68	51.98 1.08 0.42	60.00 1.58 0.00	62.10 1.75 0.00	60.53 1.82 0.00	56.58 1.91 0.00	51.20 1.87 0.00	45.96 1.77 0.00	40.40 1.37 0.09
V_F_30_SYNC_DSASP 323786	43.46 0.85 0.00	38.80 0.98 0.00	33.39 0.94 0.00	32.82 1.02 0.00	32.36 0.97 0.00	32.49 0.95 0.00	32.44 0.73 0.00	30.63 0.60 0.00	30.63 0.57 0.00	30.12 0.56 0.00	30.67 0.42 0.00	32.72 0.45 0.02	35.74 0.39 0.23	39.10 0.35 0.47	41.12 0.41 0.56	45.26 0.45 0.60	51.36 0.41 0.37	58.95 0.53 0.00	60.72 0.36 0.00	59.06 0.35 0.00	55.05 0.38 0.00	49.67 0.35 0.00	44.68 0.49 0.00	39.39 0.35 0.08
V_XM_10_SYNC_DSASP 323789	43.16 0.55 0.00	37.89 0.08 0.00	32.55 0.10 0.00	31.86 0.06 0.00	31.45 0.06 0.00	31.60 0.06 0.00	32.09 0.38 0.00	30.45 0.42 0.00	30.42 0.36 0.00	29.77 0.21 0.00	30.36 0.12 0.00	32.49 0.19 0.00	35.69 0.11 0.00	39.29 0.08 0.00	41.43 0.17 0.00	45.68 0.27 0.00	51.72 0.41 0.00	58.77 0.35 0.00	60.96 0.60 0.00	59.53 0.82 0.00	55.60 0.93 0.00	50.11 0.79 0.00	44.81 0.62 0.00	39.71 0.59 0.00
W.BABYLN_69_KV_BK1 56697	46.52 3.92 0.00	41.59 3.78 0.00	35.37 2.92 0.00	34.50 2.70 0.00	33.84 2.45 0.00	33.81 2.27 0.00	33.90 2.19 0.00	32.40 2.37 0.00	32.67 2.61 0.00	32.52 2.96 0.00	33.45 3.21 0.00	42.44 3.42 -6.72	43.51 3.77 -4.16	44.15 4.27 -0.66	46.18 4.21 -0.70	50.33 4.27 -0.66	55.95 4.36 -0.27	63.63 5.20 -0.01	64.77 4.41 -0.01	62.52 3.99 0.18	57.22 2.84 0.29	51.39 2.27 0.20	46.45 2.25 0.00	42.91 3.68 -0.10
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.65 2.04 0.00	39.82 2.00 0.00	34.17 1.72 0.00	33.42 1.62 0.00	32.90 1.51 0.00	33.06 1.51 0.00	33.07 1.36 0.00	31.44 1.41 0.00	31.62 1.56 0.00	31.28 1.71 0.00	32.15 1.91 0.00	34.35 2.03 -0.03	38.06 2.21 -0.27	42.27 2.51 -0.55	44.52 2.60 -0.66	49.05 2.95 -0.70	54.82 3.08 -0.43	61.75 3.33 0.00	63.25 2.90 0.00	61.17 2.47 0.00	56.91 2.24 0.00	51.10 1.78 0.00	46.05 1.86 0.00	41.06 1.84 -0.10
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.12 2.51 0.00	40.19 2.38 0.00	34.47 2.01 0.00	33.68 1.88 0.00	33.15 1.76 0.00	33.31 1.77 0.00	33.36 1.65 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.66 2.10 0.00	32.51 2.27 0.00	34.77 2.45 -0.03	38.57 2.70 -0.29	42.86 3.06 -0.59	45.19 3.22 -0.70	49.78 3.63 -0.75	55.42 3.64 -0.46	62.27 3.86 0.00	63.73 3.38 0.00	61.70 2.99 0.00	57.40 2.73 0.00	51.49 2.17 0.00	46.49 2.30 0.00	41.50 2.27 -0.10
W50THST__13_KV_LOAD 356117	45.33 2.73 0.00	40.38 2.57 0.00	34.63 2.17 0.00	33.84 2.04 0.00	33.31 1.91 0.00	33.47 1.92 0.00	33.55 1.84 0.00	31.89 1.86 0.00	32.16 2.10 0.00	31.87 2.31 0.00	32.69 2.45 0.00	35.00 2.68 -0.03	38.79 2.92 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.78 4.00 -0.46	62.68 4.26 0.00	64.10 3.74 0.00	62.05 3.35 0.00	57.73 3.06 0.00	51.74 2.42 0.00	46.71 2.52 0.00	41.69 2.46 -0.10
WADING RIVER_IC_1 23522	45.55 2.94 -0.01	40.77 2.95 -0.01	34.59 2.14 0.00	33.64 1.84 0.00	33.18 1.79 0.00	33.09 1.55 0.00	33.17 1.46 0.00	31.53 1.50 0.00	32.01 1.95 0.00	31.90 2.33 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.81 3.13 -4.09	43.37 3.53 -0.62	45.31 3.34 -0.70	49.36 3.45 -0.51	54.66 3.44 0.10	62.51 4.09 0.00	63.49 3.14 0.00	60.88 2.70 0.53	55.69 1.53 0.50	50.16 1.18 0.35	45.25 1.06 0.00	42.09 2.85 -0.11
WADING RIVER_IC_2 23547	45.55 2.94 -0.01	40.77 2.95 -0.01	34.59 2.14 0.00	33.64 1.84 0.00	33.18 1.79 0.00	33.09 1.55 0.00	33.17 1.46 0.00	31.53 1.50 0.00	32.01 1.95 0.00	31.90 2.33 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.81 3.13 -4.09	43.37 3.53 -0.62	45.31 3.34 -0.70	49.36 3.45 -0.51	54.66 3.44 0.10	62.51 4.09 0.00	63.49 3.14 0.00	60.88 2.70 0.53	55.69 1.53 0.50	50.16 1.18 0.35	45.25 1.06 0.00	42.09 2.85 -0.11
WADING RIVER_IC_3 23601	45.55 2.94 -0.01	40.77 2.95 -0.01	34.59 2.14 0.00	33.64 1.84 0.00	33.18 1.79 0.00	33.09 1.55 0.00	33.17 1.46 0.00	31.53 1.50 0.00	32.01 1.95 0.00	31.90 2.33 0.00	32.91 2.66 -0.01	41.79 2.78 -6.72	42.81 3.13 -4.09	43.37 3.53 -0.62	45.31 3.34 -0.70	49.36 3.45 -0.51	54.66 3.44 0.10	62.51 4.09 0.00	63.49 3.14 0.00	60.88 2.70 0.53	55.69 1.53 0.50	50.16 1.18 0.35	45.25 1.06 0.00	42.09 2.85 -0.11
WALDENNY_12_KV_BK2 80841	42.77 0.17 0.00	39.55 1.74 0.00	33.85 1.40 0.00	32.12 0.32 0.00	32.05 0.66 0.00	32.27 0.73 0.00	31.68 -0.03 0.00	29.88 -0.15 0.00	30.18 0.12 0.00	29.80 0.24 0.00	30.70 0.45 0.00	32.61 0.32 0.00	36.61 1.03 0.00	40.55 1.33 0.00	42.38 1.11 0.00	46.04 0.64 0.00	52.39 1.08 0.00	59.88 1.46 0.00	62.28 1.93 0.00	60.17 1.47 0.00	55.54 0.87 0.00	50.70 1.38 0.00	44.77 0.57 0.00	39.56 0.43 0.00
WALDEN___HYDRO 24148	44.44 1.83 0.00	39.63 1.81 0.00	34.01 1.56 0.00	33.26 1.46 0.00	32.77 1.38 0.00	32.93 1.39 0.00	32.95 1.24 0.00	31.23 1.20 0.00	31.38 1.32 0.00	30.98 1.42 0.00	31.79 1.54 0.00	33.96 1.65 -0.02	37.62 1.81 -0.23	41.80 2.12 -0.46	44.05 2.23 -0.55	48.54 2.54 -0.59	54.40 2.72 -0.36	61.40 2.98 0.00	62.95 2.60 0.00	61.05 2.35 0.00	56.74 2.08 0.00	51.00 1.68 0.00	45.92 1.72 0.00	40.89 1.68 -0.08
WARRENSBURG____ 23737	43.92 1.32 0.00	39.06 1.25 0.00	33.49 1.04 0.00	32.91 1.11 0.00	32.40 1.00 0.00	32.52 0.98 0.00	32.37 0.67 0.00	31.23 1.20 0.00	31.17 1.11 0.00	30.60 1.03 0.00	30.94 0.70 0.00	33.04 0.77 0.03	36.01 0.68 0.25	39.42 0.71 0.50	41.41 0.74 0.60	44.77 0.00 0.64	50.92 0.00 0.39	58.89 0.47 0.00	61.44 1.09 0.00	60.00 1.29 0.00	56.31 1.64 0.00	50.95 1.63 0.00	45.74 1.55 0.00	40.17 1.13 0.09
WATERSIDE___6 8 9 23538	45.29 2.68 0.00	40.38 2.57 0.00	34.63 2.17 0.00	33.84 2.04 0.00	33.27 1.88 0.00	33.47 1.92 0.00	33.42 1.71 0.00	31.77 1.74 0.00	32.01 1.95 0.00	31.78 2.22 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.68 2.81 -0.29	43.02 3.22 -0.59	45.35 3.38 -0.70	49.92 3.77 -0.75	55.37 3.59 -0.46	61.63 3.21 0.00	63.01 2.66 0.00	61.05 2.35 0.00	57.07 2.41 0.00	51.39 2.07 0.00	46.67 2.47 0.00	41.66 2.43 -0.10
WATKINRD_115KV_LN8_ILLION 55919	42.73 0.13 0.00	38.00 0.19 0.00	32.58 0.13 0.00	31.96 0.16 0.00	31.55 0.16 0.00	31.76 0.22 0.00	31.84 0.13 0.00	30.12 0.09 0.00	30.15 0.09 0.00	29.62 0.06 0.00	30.24 0.00 0.00	32.29 0.00 0.00	35.51 -0.07 0.00	39.14 -0.08 0.00	41.18 -0.08 0.00	45.36 -0.05 0.00	51.26 -0.05 0.00	58.42 0.00 0.00	60.47 0.12 0.00	58.82 0.12 0.00	54.83 0.16 0.00	49.52 0.20 0.00	44.37 0.18 0.00	39.28 0.16 0.00

WDELAWARE___HYD 323627	44.14 1.53 0.00	39.29 1.47 0.00	33.69 1.23 0.00	32.94 1.14 0.00	32.49 1.10 0.00	32.68 1.13 0.00	32.66 0.95 0.00	30.96 0.93 0.00	31.08 1.02 0.00	30.62 1.06 0.00	31.39 1.15 0.00	33.57 1.26 -0.02	37.15 1.39 -0.18	41.23 1.65 -0.37	43.48 1.77 -0.44	47.96 2.09 -0.47	53.97 2.36 -0.29	61.05 2.63 0.00	62.77 2.42 0.00	60.99 2.29 0.00	56.58 1.91 0.00	50.85 1.53 0.00	45.69 1.50 0.00	40.68 1.49 -0.07
WEST BABYLON___IC 23714	46.52 3.92 0.00	41.59 3.78 0.00	35.37 2.92 0.00	34.50 2.70 0.00	33.84 2.45 0.00	33.81 2.27 0.00	33.90 2.19 0.00	32.40 2.37 0.00	32.67 2.61 0.00	32.52 2.96 0.00	33.45 3.21 0.00	42.44 3.42 -6.72	43.51 3.77 -4.16	44.15 4.27 -0.66	46.18 4.21 -0.70	50.33 4.27 -0.66	55.95 4.36 -0.27	63.63 5.20 -0.01	64.77 4.41 -0.01	62.52 3.99 0.18	57.22 2.84 0.29	51.39 2.27 0.20	46.45 2.25 0.00	42.91 3.68 -0.10
WEST CANADA___HYD 24049	42.73 0.13 0.00	38.00 0.19 0.00	32.62 0.16 0.00	31.96 0.16 0.00	31.58 0.19 0.00	31.73 0.19 0.00	31.84 0.13 0.00	30.12 0.09 0.00	30.15 0.09 0.00	29.65 0.09 0.00	30.33 0.09 0.00	32.39 0.10 0.00	35.65 0.07 0.00	39.29 0.08 0.00	41.35 0.08 0.00	45.50 0.09 0.00	51.42 0.10 0.00	58.60 0.18 0.00	60.54 0.18 0.00	58.82 0.12 0.00	54.78 0.11 0.00	49.42 0.10 0.00	44.32 0.13 0.00	39.24 0.12 0.00
WESTERN_NY_WIND 24143	43.75 1.15 0.00	40.27 2.46 0.00	34.40 1.95 0.00	32.63 0.83 0.00	32.62 1.22 0.00	32.80 1.26 0.00	32.12 0.41 0.00	30.30 0.27 0.00	30.45 0.39 0.00	29.98 0.41 0.00	30.82 0.57 0.00	32.74 0.45 0.00	36.72 1.14 0.00	40.59 1.37 0.00	42.46 1.20 0.00	46.27 0.86 0.00	52.75 1.44 0.00	60.23 1.81 0.00	62.95 2.60 0.00	61.29 2.58 0.00	56.69 2.02 0.00	51.74 2.42 0.00	45.69 1.50 0.00	40.34 1.21 0.00
WESTOVER___LESR 323668	42.90 0.30 0.00	38.61 0.79 0.00	33.07 0.62 0.00	32.21 0.41 0.00	31.86 0.47 0.00	32.01 0.47 0.00	31.90 0.19 0.00	30.21 0.18 0.00	30.27 0.21 0.00	29.77 0.21 0.00	30.61 0.36 0.00	32.65 0.36 0.00	36.15 0.57 0.00	39.88 0.67 0.00	41.93 0.66 0.00	45.99 0.59 0.00	52.14 0.82 0.00	59.53 1.11 0.00	61.74 1.39 0.00	59.88 1.17 0.00	55.60 0.93 0.00	50.26 0.94 0.00	44.81 0.62 0.00	39.60 0.47 0.00
WETHRSFD_WT_PWR 323626	42.69 0.09 0.00	39.21 1.40 0.00	33.56 1.10 0.00	32.21 0.41 0.00	31.89 0.50 0.00	32.11 0.57 0.00	31.61 -0.09 0.00	29.76 -0.27 0.00	29.79 -0.27 0.00	29.36 -0.21 0.00	30.21 -0.03 0.00	32.16 -0.13 0.00	36.04 0.46 0.00	39.88 0.67 0.00	41.76 0.50 0.00	45.54 0.14 0.00	51.63 0.31 0.00	59.12 0.70 0.00	61.68 1.33 0.00	59.94 1.23 0.00	55.60 0.93 0.00	50.60 1.28 0.00	44.76 0.57 0.00	39.56 0.43 0.00
WHAVSTOR_138KV_BK127 55557	44.48 1.87 0.00	39.67 1.85 0.00	34.04 1.59 0.00	33.29 1.49 0.00	32.80 1.41 0.00	32.93 1.39 0.00	32.98 1.27 0.00	31.32 1.29 0.00	31.53 1.47 0.00	31.19 1.63 0.00	32.06 1.81 0.00	34.22 1.91 -0.03	37.95 2.10 -0.27	42.16 2.39 -0.55	44.40 2.48 -0.66	48.87 2.77 -0.70	54.57 2.82 -0.43	61.46 3.04 0.00	62.95 2.60 0.00	60.94 2.23 0.00	56.69 2.02 0.00	50.85 1.53 0.00	45.87 1.68 0.00	40.95 1.72 -0.10
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.48 1.87 0.00	39.67 1.85 0.00	34.04 1.59 0.00	33.29 1.49 0.00	32.80 1.41 0.00	32.93 1.39 0.00	32.98 1.27 0.00	31.32 1.29 0.00	31.53 1.47 0.00	31.19 1.63 0.00	32.06 1.81 0.00	34.22 1.91 -0.03	37.95 2.10 -0.27	42.16 2.39 -0.55	44.40 2.48 -0.66	48.87 2.77 -0.70	54.57 2.82 -0.43	61.46 3.04 0.00	62.95 2.60 0.00	60.94 2.23 0.00	56.69 2.02 0.00	50.85 1.53 0.00	45.87 1.68 0.00	40.95 1.72 -0.10
WHITEHAL_115KV_TB1 80871	43.63 1.02 0.00	38.68 0.87 0.00	33.07 0.62 0.00	32.50 0.70 0.00	31.99 0.60 0.00	32.14 0.60 0.00	31.84 0.13 0.00	30.57 0.54 0.00	30.48 0.42 0.00	29.86 0.30 0.00	30.12 -0.12 0.00	32.23 -0.03 0.03	35.05 -0.28 0.25	38.40 -0.31 0.50	40.25 -0.41 0.60	43.72 -1.04 0.64	49.95 -0.97 0.39	58.19 -0.23 0.00	60.90 0.54 0.00	59.65 0.94 0.00	56.20 1.53 0.00	51.05 1.73 0.00	45.69 1.50 0.00	39.90 0.86 0.09
WHITEPLN_13_KV_LOAD 356215	45.25 2.64 0.00	40.35 2.53 0.00	34.56 2.11 0.00	33.80 2.00 0.00	33.27 1.88 0.00	33.40 1.86 0.00	33.45 1.74 0.00	31.80 1.77 0.00	32.04 1.98 0.00	31.69 2.13 0.00	32.57 2.33 0.00	34.81 2.49 -0.03	38.61 2.74 -0.29	42.98 3.18 -0.58	45.27 3.30 -0.70	49.83 3.68 -0.74	55.67 3.90 -0.46	62.74 4.32 0.00	64.28 3.92 0.00	62.17 3.46 0.00	57.78 3.12 0.00	51.79 2.47 0.00	46.71 2.52 0.00	41.69 2.46 -0.10
WM_FLOYD_69_KV_BK2 356380	45.97 3.37 0.00	41.18 3.37 0.00	34.95 2.50 0.00	34.12 2.32 0.00	33.49 2.10 0.00	33.40 1.86 0.00	33.52 1.81 0.00	32.13 2.10 0.00	32.31 2.25 0.00	32.19 2.63 0.00	33.18 2.93 0.00	42.05 3.04 -6.72	43.09 3.42 -4.10	43.68 3.84 -0.62	45.63 3.67 -0.69	49.66 3.77 -0.49	54.97 3.80 0.14	62.98 4.56 0.00	64.04 3.68 0.00	61.37 3.23 0.57	56.26 2.13 0.54	50.57 1.63 0.37	45.74 1.55 0.00	42.48 3.25 -0.10
WOODARD___115KV_TB2 355635	42.67 -0.51 -0.57	38.17 -0.19 -0.54	32.41 -0.16 -0.12	31.51 -0.29 0.00	31.14 -0.25 0.00	31.34 -0.25 -0.05	31.34 -0.41 -0.05	29.64 -0.39 0.00	29.67 -0.39 0.00	29.15 -0.41 0.00	29.88 -0.36 0.00	31.90 -0.39 0.00	35.26 -0.32 0.00	38.86 -0.35 0.00	40.85 -0.41 0.00	44.86 -0.54 0.00	50.85 -0.46 0.00	57.95 -0.47 0.00	60.11 -0.24 0.00	58.53 -0.18 0.00	54.39 -0.27 0.00	50.12 -0.20 -0.99	43.88 -0.31 0.00	38.81 -0.31 0.00
WOODMERE_69_KV_BK1 55827	46.27 3.66 0.00	41.25 3.44 0.00	35.15 2.69 0.00	34.31 2.51 0.00	33.65 2.26 0.00	33.65 2.11 0.00	33.74 2.03 0.00	32.16 2.13 0.00	32.46 2.40 0.00	32.28 2.72 0.00	33.15 2.90 0.00	42.11 3.10 -6.72	43.94 3.45 -4.91	44.22 3.92 -1.09	46.22 4.13 -0.82	50.55 4.40 -0.75	56.29 4.52 -0.46	63.68 5.26 0.00	65.00 4.65 0.00	62.87 4.17 0.00	57.84 3.17 0.00	51.94 2.61 0.00	46.62 2.43 0.00	42.59 3.36 -0.10
YORK___WARBASSE 23770	45.50 2.90 0.00	40.53 2.72 0.00	34.72 2.27 0.00	33.90 2.10 0.00	33.37 1.98 0.00	33.50 1.96 0.00	33.42 1.71 0.00	31.74 1.71 0.00	31.98 1.92 0.00	31.75 2.19 0.00	32.57 2.33 0.00	34.90 2.58 -0.03	38.72 2.85 -0.29	43.13 3.33 -0.59	45.48 3.51 -0.70	50.10 3.95 -0.75	55.42 3.64 -0.46	61.75 3.33 0.00	63.31 2.96 0.00	61.29 2.58 0.00	57.13 2.46 0.00	51.54 2.22 0.00	46.89 2.70 0.00	41.85 2.62 -0.10