

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/05/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	44.55	34.97	34.48	32.85	30.66	38.05	45.60	44.08	46.02	45.19	41.49	46.98	47.72	68.99	51.05	53.66	48.72	54.41	50.43	52.39	68.95	72.57	59.76	50.78
24138	1.55	1.31	1.19	1.01	0.94	1.37	1.64	1.75	2.07	2.38	2.49	2.71	2.60	2.34	2.46	2.85	3.26	3.65	2.64	2.16	2.13	1.70	1.30	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	-21.61	-1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	44.70	35.04	34.54	32.93	30.73	38.12	45.64	44.11	46.02	45.19	41.46	46.96	47.71	69.04	51.12	53.74	48.78	54.49	50.54	52.55	69.19	72.87	60.01	50.98
24260	1.70	1.38	1.26	1.09	1.02	1.45	1.68	1.78	2.08	2.38	2.46	2.69	2.58	2.39	2.54	2.94	3.32	3.73	2.76	2.32	2.36	1.99	1.55	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	-21.61	-1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	44.70	35.04	34.54	32.93	30.73	38.12	45.64	44.11	46.02	45.19	41.46	46.96	47.71	69.04	51.12	53.74	48.78	54.49	50.54	52.55	69.19	72.87	60.01	50.98
24261	1.70	1.38	1.26	1.09	1.02	1.45	1.68	1.78	2.08	2.38	2.46	2.69	2.58	2.39	2.54	2.94	3.32	3.73	2.76	2.32	2.36	1.99	1.55	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	-21.61	-1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	45.00	35.18	34.82	33.29	31.10	38.49	46.03	44.36	45.89	44.44	40.14	45.02	46.05	26.08	46.07	52.53	47.52	53.98	51.11	53.73	71.14	74.21	61.00	51.74
24011	1.99	1.52	1.54	1.45	1.38	1.82	2.02	2.03	1.95	1.63	1.13	0.96	0.92	0.81	1.00	1.72	2.06	3.22	3.33	3.51	4.32	3.34	2.54	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.10	0.00	19.78	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	45.24	35.36	34.94	33.41	31.21	38.63	46.23	44.57	46.08	44.56	40.24	45.12	46.20	26.47	46.27	52.86	47.84	54.46	51.59	54.25	71.80	74.49	61.27	52.03
23798	2.23	1.70	1.65	1.57	1.50	1.95	2.22	2.25	2.14	1.75	1.24	1.05	1.07	0.94	1.17	2.05	2.37	3.71	3.81	4.02	4.97	3.62	2.81	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.10	0.00	19.50	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	45.00	35.18	34.82	33.29	31.10	38.49	46.03	44.36	45.89	44.44	40.14	45.02	46.05	26.08	46.07	52.53	47.52	53.98	51.11	53.73	71.14	74.21	61.00	51.74
24028	1.99	1.52	1.54	1.45	1.38	1.82	2.02	2.03	1.95	1.63	1.13	0.96	0.92	0.81	1.00	1.72	2.06	3.22	3.33	3.51	4.32	3.34	2.54	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.10	0.00	19.78	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	44.44	34.92	34.66	33.16	30.96	38.33	45.79	44.01	45.40	44.00	39.84	44.59	45.54	1.50	43.12	51.39	46.20	52.28	48.99	51.51	68.28	72.11	59.45	50.66
23527	1.44	1.26	1.38	1.32	1.25	1.66	1.73	1.68	1.46	1.19	0.83	0.65	0.41	0.13	0.07	0.59	0.73	1.53	1.21	1.28	1.45	1.23	0.98	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.22	0.00	43.67	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	42.48	33.31	33.10	31.76	29.65	36.60	43.52	42.03	43.56	42.40	38.53	43.32	44.22	27.69	44.33	49.95	45.04	50.67	47.48	49.78	65.89	69.49	57.28	48.61
24190	-0.53	-0.35	-0.18	-0.08	-0.06	-0.07	-0.38	-0.30	-0.39	-0.42	-0.48	-0.76	-0.91	-1.01	-1.04	-0.85	-0.43	-0.09	-0.31	-0.45	-0.94	-1.38	-1.18	-0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.08	0.00	16.35	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	43.85	34.34	33.91	32.43	30.26	37.24	44.70	42.87	44.53	43.42	39.56	44.68	45.53	45.52	47.15	51.06	45.20	50.06	47.40	49.97	67.17	71.77	59.31	50.29
355683	0.84	0.69	0.62	0.59	0.54	0.56	0.74	0.54	0.58	0.61	0.56	0.52	0.40	0.48	0.40	0.25	-0.26	-0.69	-0.39	-0.26	0.34	0.90	0.85	0.75
	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	42.63	33.41	33.18	31.82	29.71	36.69	43.67	42.06	43.51	42.24	38.27	36.55	43.62	32.72	44.21	49.28	44.43	50.13	47.33	49.86	66.14	69.81	57.54	48.81
323833	-0.37	-0.24	-0.10	-0.02	0.00	0.02	-0.25	-0.26	-0.43	-0.57	-0.74	-1.31	-1.51	-1.52	-1.63	-1.53	-1.03	-0.63	-0.45	-0.37	-0.69	-1.06	-0.92	-0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	6.31	0.00	10.80	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	42.62	33.41	33.18	31.81	29.70	36.68	43.66	42.06	43.49	42.23	38.27	36.54	43.62	32.71	44.19	49.27	44.42	50.10	47.32	49.84	66.12	69.79	57.51	48.80
323834	-0.38	-0.25	-0.11	-0.03	-0.01	0.00	-0.25	-0.27	-0.45	-0.58	-0.74	-1.32	-1.51	-1.53	-1.65	-1.54	-1.04	-0.65	-0.46	-0.39	-0.71	-1.09	-0.95	-0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	6.30	0.00	10.80	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	42.48	33.31	33.10	31.76	29.65	36.60	43.52	42.03	43.56	42.40	38.53	43.32	44.22	27.69	44.33	49.95	45.04	50.67	47.48	49.78	65.89	69.49	57.28	48.61
23571	-0.53	-0.35	-0.18	-0.08	-0.06	-0.07	-0.38	-0.30	-0.39	-0.42	-0.48	-0.76	-0.91	-1.01	-1.04	-0.85	-0.43	-0.09	-0.31	-0.45	-0.94	-1.38	-1.18	-0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.08	0.00	16.35	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	42.48 -0.53 0.00	33.31 -0.35 0.00	33.10 -0.18 0.00	31.76 -0.08 0.00	29.65 -0.06 0.00	36.60 -0.07 0.00	43.52 -0.38 0.06	42.03 -0.30 0.00	43.56 -0.39 0.00	42.40 -0.42 0.00	38.53 -0.48 0.00	43.32 -0.76 0.08	44.22 -0.91 0.00	27.69 -1.01 16.35	44.33 -1.04 1.39	49.95 -0.85 0.00	45.04 -0.43 0.00	50.67 -0.09 0.00	47.48 -0.31 0.00	49.78 -0.45 0.00	65.89 -0.94 0.00	69.49 -1.38 0.00	57.28 -1.18 0.00	48.61 -0.93 0.00
ALBANY___3 23573	42.48 -0.53 0.00	33.31 -0.35 0.00	33.10 -0.18 0.00	31.76 -0.08 0.00	29.65 -0.06 0.00	36.60 -0.07 0.00	43.52 -0.38 0.06	42.03 -0.30 0.00	43.56 -0.39 0.00	42.40 -0.42 0.00	38.53 -0.48 0.00	43.32 -0.76 0.08	44.22 -0.91 0.00	27.69 -1.01 16.35	44.33 -1.04 1.39	49.95 -0.85 0.00	45.04 -0.43 0.00	50.67 -0.09 0.00	47.48 -0.31 0.00	49.78 -0.45 0.00	65.89 -0.94 0.00	69.49 -1.38 0.00	57.28 -1.18 0.00	48.61 -0.93 0.00
ALBANY___4 23574	42.48 -0.53 0.00	33.31 -0.35 0.00	33.10 -0.18 0.00	31.76 -0.08 0.00	29.65 -0.06 0.00	36.60 -0.07 0.00	43.52 -0.38 0.06	42.03 -0.30 0.00	43.56 -0.39 0.00	42.40 -0.42 0.00	38.53 -0.48 0.00	43.32 -0.76 0.08	44.22 -0.91 0.00	27.69 -1.01 16.35	44.33 -1.04 1.39	49.95 -0.85 0.00	45.04 -0.43 0.00	50.67 -0.09 0.00	47.48 -0.31 0.00	49.78 -0.45 0.00	65.89 -0.94 0.00	69.49 -1.38 0.00	57.28 -1.18 0.00	48.61 -0.93 0.00
ALBANY___LFGE 323615	43.02 0.02 0.00	33.72 0.07 0.00	33.51 0.22 0.00	32.13 0.29 0.00	30.00 0.28 0.00	37.03 0.36 0.00	44.06 0.16 0.06	42.57 0.24 0.00	44.12 0.18 0.00	42.95 0.14 0.00	39.05 0.04 0.00	43.91 -0.16 0.09	44.87 -0.26 0.00	26.86 -0.35 17.83	44.92 -0.32 1.51	50.75 -0.05 0.00	45.78 0.32 0.00	51.53 0.77 0.00	48.28 0.50 0.00	50.60 0.37 0.00	66.94 0.11 0.00	70.59 -0.28 0.00	58.15 -0.32 0.00	49.31 -0.22 0.00
ALCOA_PA_115KV_PL-6C 55860	44.30 1.29 0.00	34.69 1.03 0.00	34.25 0.96 0.00	32.75 0.91 0.00	30.55 0.84 0.00	37.61 0.93 0.00	45.14 1.18 0.00	43.17 0.84 0.00	44.82 0.88 0.00	43.67 0.87 0.00	39.79 0.78 0.00	44.92 0.76 0.00	45.76 0.64 0.00	45.76 0.72 0.00	47.40 0.64 0.00	51.23 0.42 0.00	45.31 -0.15 0.00	50.04 -0.72 0.00	47.54 -0.25 0.00	50.18 -0.05 0.00	67.52 0.69 0.00	72.30 1.43 0.00	59.77 1.31 0.00	50.68 1.14 0.00
ALCOA_RYNLDS___DRP 24188	44.30 1.29 0.00	34.69 1.03 0.00	34.25 0.96 0.00	32.75 0.91 0.00	30.55 0.84 0.00	37.61 0.93 0.00	45.14 1.18 0.00	43.17 0.84 0.00	44.82 0.88 0.00	43.67 0.87 0.00	39.79 0.78 0.00	44.92 0.76 0.00	45.76 0.64 0.00	45.76 0.72 0.00	47.40 0.64 0.00	51.23 0.42 0.00	45.31 -0.15 0.00	50.04 -0.72 0.00	47.54 -0.25 0.00	50.18 -0.05 0.00	67.52 0.69 0.00	72.30 1.43 0.00	59.77 1.31 0.00	50.68 1.14 0.00
ALCOA___DSASP 323711	44.30 1.29 0.00	34.69 1.03 0.00	34.25 0.96 0.00	32.75 0.91 0.00	30.55 0.84 0.00	37.60 0.93 0.00	45.14 1.18 0.00	43.17 0.84 0.00	44.82 0.88 0.00	43.67 0.87 0.00	39.78 0.78 0.00	44.92 0.76 0.00	45.76 0.64 0.00	45.76 0.72 0.00	47.40 0.64 0.00	51.23 0.42 0.00	45.31 -0.15 0.00	50.04 -0.72 0.00	47.54 -0.24 0.00	50.18 -0.05 0.00	67.52 0.69 0.00	72.30 1.43 0.00	59.78 1.32 0.00	50.68 1.15 0.00
ALLEGHENY___COGEN 23514	43.71 0.70 0.00	34.73 1.07 0.00	34.43 1.15 0.00	32.87 1.04 0.00	30.78 1.07 0.00	38.24 1.56 0.00	45.43 1.47 0.00	43.32 1.00 0.00	44.16 0.22 0.00	42.18 -0.63 0.00	38.43 -0.57 0.00	44.72 0.56 0.00	46.30 1.17 0.00	46.50 1.46 0.00	48.33 1.58 0.00	52.28 1.47 0.00	47.08 1.62 0.00	53.20 2.44 0.00	50.20 2.42 0.00	53.46 3.23 0.00	70.73 3.90 0.00	75.14 4.27 0.00	62.06 3.60 0.00	52.22 2.69 0.00
ALTAMONT_115KV_TB 2 55880	43.14 0.13 0.00	33.81 0.15 0.00	33.53 0.24 0.00	32.13 0.28 0.00	29.99 0.27 0.00	37.05 0.37 0.00	44.17 0.24 0.03	42.57 0.25 0.00	44.16 0.22 0.00	42.98 0.17 0.00	39.11 0.10 0.00	44.40 -0.07 -0.31	44.97 -0.16 0.00	33.99 -0.26 10.79	45.58 -0.26 0.91	50.73 -0.08 0.00	45.73 0.27 0.00	51.40 0.64 0.00	48.22 0.44 0.00	50.58 0.35 0.00	66.95 0.12 0.00	70.69 -0.18 0.00	58.29 -0.18 0.00	49.45 -0.09 0.00
ALTONA_WT_PWR 323606	43.80 0.80 0.00	34.37 0.71 0.00	33.88 0.60 0.00	32.43 0.59 0.00	30.28 0.57 0.00	37.32 0.64 0.00	44.80 0.84 0.00	42.61 0.28 0.00	44.28 0.34 0.00	43.19 0.38 0.00	39.29 0.28 0.00	44.21 0.05 0.00	45.08 -0.05 0.00	45.12 0.08 0.00	46.74 -0.01 0.00	50.64 -0.17 0.00	44.84 -0.62 0.00	49.70 -1.06 0.00	47.09 -0.69 0.00	49.66 -0.56 0.00	66.73 -0.09 0.00	71.20 0.32 0.00	58.75 0.28 0.00	49.75 0.22 0.00
AMERICAN_REF_FUEL 24010	42.27 -0.74 0.00	32.78 -0.87 0.00	32.40 -0.89 0.00	30.95 -0.89 0.00	29.02 -0.70 0.00	35.96 -0.71 0.00	41.91 -2.05 0.00	39.84 -2.49 0.00	41.40 -2.54 0.00	40.68 -2.13 0.00	37.57 -1.44 0.00	44.64 0.48 0.00	46.46 1.33 0.00	46.44 1.40 0.00	48.00 1.25 0.00	51.90 1.09 0.00	46.27 0.81 0.00	52.04 1.28 0.00	48.73 0.95 0.00	51.15 0.92 0.00	66.65 -0.18 0.00	71.05 0.17 0.00	59.91 1.45 0.00	51.04 1.51 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.20 0.20 0.00	33.30 -0.35 0.00	32.89 -0.40 0.00	31.52 -0.31 0.00	29.59 -0.13 0.00	36.85 0.17 0.00	43.46 -0.50 0.00	41.35 -0.98 0.00	43.30 -0.65 0.00	43.01 0.20 0.00	39.80 0.79 0.00	46.93 2.77 0.00	48.92 3.79 0.00	48.94 3.90 0.00	50.50 3.75 0.00	54.21 3.40 0.00	48.40 2.94 0.00	54.47 3.71 0.00	51.06 3.27 0.00	53.70 3.47 0.00	69.81 2.98 0.00	74.30 3.42 0.00	62.32 3.85 0.00	52.80 3.26 0.00
ARTHUR KILL_GT_1 23520	44.46 1.46 0.00	34.96 1.31 0.00	34.39 1.11 0.00	32.77 0.93 0.00	30.58 0.86 0.00	37.95 1.27 0.00	45.32 1.36 0.00	43.76 1.43 0.00	45.49 1.55 0.00	44.70 1.90 0.00	41.12 2.11 0.00	46.33 2.06 -0.11	46.89 1.76 0.00	68.32 1.67 -21.61	50.43 1.84 -1.83	53.02 2.21 0.00	48.23 2.77 0.00	53.67 2.92 0.00	49.87 2.09 0.00	51.89 1.66 0.00	68.35 1.52 0.00	72.09 1.21 0.00	59.44 0.98 0.00	50.54 1.01 0.00
ARTHUR_KILL_2 23512	44.32 1.32 0.00	34.84 1.19 0.00	34.27 0.99 0.00	32.66 0.82 0.00	30.49 0.78 0.00	37.82 1.14 0.00	45.17 1.22 0.00	43.61 1.28 0.00	45.35 1.41 0.00	44.57 1.76 0.00	40.99 1.98 0.00	46.17 1.90 -0.11	46.72 1.60 0.00	68.15 1.50 -21.61	50.23 1.65 -1.83	52.81 2.00 0.00	48.03 2.57 0.00	53.44 2.68 0.00	49.66 1.88 0.00	51.67 1.44 0.00	68.05 1.22 0.00	71.79 0.92 0.00	59.20 0.74 0.00	50.35 0.81 0.00
ARTHUR_KILL_3 23513	44.08 1.08 0.00	34.60 0.95 0.00	34.12 0.83 0.00	32.50 0.66 0.00	30.33 0.61 0.00	37.63 0.95 0.00	45.03 1.07 0.00	43.52 1.19 0.00	45.36 1.42 0.00	44.51 1.71 0.00	40.87 1.86 0.00	46.24 1.97 -0.11	46.98 1.85 0.00	68.31 1.66 -21.61	50.37 1.79 -1.83	52.88 2.07 0.00	48.06 2.59 0.00	53.66 2.90 0.00	49.75 1.97 0.00	51.70 1.47 0.00	68.08 1.25 0.00	71.70 0.83 0.00	59.07 0.61 0.00	50.22 0.69 0.00

ARTHUR_KILL_COGEN 323718	44.47 1.47 0.00	34.96 1.31 0.00	34.39 1.11 0.00	32.76 0.92 0.00	30.58 0.86 0.00	37.95 1.27 0.00	45.32 1.36 0.00	43.75 1.42 0.00	45.49 1.55 0.00	44.70 1.90 0.00	41.12 2.11 0.00	46.32 2.05 -0.11	46.89 1.76 0.00	68.32 1.67 -21.61	50.43 1.85 -1.83	53.02 2.21 0.00	48.23 2.76 0.00	53.67 2.91 0.00	49.87 2.08 0.00	51.88 1.65 0.00	68.33 1.50 0.00	72.10 1.22 0.00	59.45 0.99 0.00	50.54 1.01 0.00
ASHOKAN____ 23654	43.70 0.70 0.00	34.20 0.54 0.00	33.83 0.55 0.00	32.37 0.53 0.00	30.21 0.49 0.00	37.36 0.68 0.00	44.66 0.72 0.03	43.13 0.80 0.00	44.83 0.89 0.00	43.74 0.93 0.00	39.86 0.86 0.00	38.93 0.60 5.83	45.44 0.31 0.00	45.52 0.48 0.00	47.54 0.79 0.00	51.70 0.89 0.00	46.86 1.40 0.00	52.89 2.14 0.00	49.68 1.90 0.00	52.13 1.90 0.00	68.88 2.05 0.00	72.43 1.56 0.00	59.44 0.97 0.00	50.20 0.67 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.37 1.37 0.00	34.84 1.19 0.00	34.28 1.00 0.00	32.71 0.86 0.00	30.60 0.89 0.00	37.93 1.25 0.00	45.39 1.43 0.00	43.81 1.49 0.00	45.75 1.81 0.00	44.77 1.96 0.00	40.94 1.93 0.00	46.15 1.89 -0.11	46.88 1.75 0.00	68.30 1.65 -21.61	50.33 1.75 -1.83	52.90 2.09 0.00	48.08 2.62 0.00	53.43 2.67 0.00	49.66 1.88 0.00	51.64 1.40 0.00	69.12 1.21 -1.09	71.88 0.87 -0.14	59.30 0.83 0.00	50.56 1.03 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.37 1.37 0.00	34.84 1.19 0.00	34.28 1.00 0.00	32.71 0.86 0.00	30.60 0.89 0.00	37.93 1.25 0.00	45.39 1.43 0.00	43.81 1.49 0.00	45.75 1.81 0.00	44.77 1.96 0.00	40.94 1.93 0.00	46.15 1.89 -0.11	46.88 1.75 0.00	68.30 1.65 -21.61	50.33 1.75 -1.83	52.90 2.09 0.00	48.08 2.62 0.00	53.43 2.67 0.00	49.66 1.88 0.00	51.64 1.40 0.00	69.12 1.21 -1.09	71.88 0.87 -0.14	59.30 0.83 0.00	50.56 1.03 0.00
ASTORIA_GT2_1 24094	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT2_2 24095	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT2_3 24096	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT2_4 24097	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT3_1 24098	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT3_2 24099	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT3_3 24100	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT3_4 24101	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT4_1 24102	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT4_2 24103	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT4_3 24104	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00

ASTORIA_GT4_4 24105	44.39 1.39 0.00	34.86 1.21 0.00	34.31 1.03 0.00	32.73 0.89 0.00	30.62 0.90 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.78 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.21 1.94 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.91 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.05 0.00
ASTORIA_GT_1 23523	44.49 1.49 0.00	34.94 1.28 0.00	34.38 1.10 0.00	32.78 0.94 0.00	30.67 0.96 0.00	38.01 1.34 0.00	45.49 1.54 0.00	43.94 1.61 0.00	45.88 1.94 0.00	44.90 2.09 0.00	41.07 2.06 0.00	46.33 2.06 -0.11	47.04 1.92 0.00	68.45 1.80 -21.61	50.50 1.92 -1.83	53.09 2.28 0.00	48.24 2.78 0.00	53.59 2.84 0.00	49.82 2.04 0.00	51.82 1.59 0.00	69.35 1.43 -1.09	72.09 1.07 -0.14	59.47 1.00 0.00	50.70 1.17 0.00
ASTORIA_GT_10 24110	44.33 1.32 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.84 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.68 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.99 0.00	68.44 1.79 -21.61	50.46 1.88 -1.83	53.05 2.25 0.00	48.19 2.73 0.00	53.66 2.91 0.00	49.79 2.00 0.00	51.76 1.53 0.00	68.17 1.34 0.00	71.81 0.94 0.00	59.23 0.77 0.00	50.42 0.88 0.00
ASTORIA_GT_11 24225	44.33 1.32 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.84 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.68 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.99 0.00	68.44 1.79 -21.61	50.46 1.88 -1.83	53.05 2.25 0.00	48.19 2.73 0.00	53.66 2.91 0.00	49.79 2.00 0.00	51.76 1.53 0.00	68.17 1.34 0.00	71.81 0.94 0.00	59.23 0.77 0.00	50.42 0.88 0.00
ASTORIA_GT_12 24226	44.33 1.32 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.84 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.68 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.99 0.00	68.44 1.79 -21.61	50.46 1.88 -1.83	53.05 2.25 0.00	48.19 2.73 0.00	53.66 2.91 0.00	49.79 2.00 0.00	51.76 1.53 0.00	68.17 1.34 0.00	71.81 0.94 0.00	59.23 0.77 0.00	50.42 0.88 0.00
ASTORIA_GT_13 24227	44.33 1.32 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.84 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.68 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.99 0.00	68.44 1.79 -21.61	50.46 1.88 -1.83	53.05 2.25 0.00	48.19 2.73 0.00	53.66 2.91 0.00	49.79 2.00 0.00	51.76 1.53 0.00	68.17 1.34 0.00	71.81 0.94 0.00	59.23 0.77 0.00	50.42 0.88 0.00
ASTORIA_GT_5 24106	44.49 1.49 0.00	34.94 1.28 0.00	34.38 1.10 0.00	32.78 0.94 0.00	30.67 0.96 0.00	38.01 1.34 0.00	45.49 1.54 0.00	43.94 1.61 0.00	45.88 1.94 0.00	44.90 2.09 0.00	41.07 2.06 0.00	46.33 2.06 -0.11	47.04 1.92 0.00	68.45 1.80 -21.61	50.50 1.92 -1.83	53.09 2.28 0.00	48.24 2.78 0.00	53.59 2.84 0.00	49.82 2.04 0.00	51.82 1.59 0.00	69.35 1.43 -1.09	72.09 1.07 -0.14	59.47 1.00 0.00	50.70 1.17 0.00
ASTORIA_GT_7 24107	44.49 1.49 0.00	34.94 1.28 0.00	34.38 1.10 0.00	32.78 0.94 0.00	30.67 0.96 0.00	38.01 1.34 0.00	45.49 1.54 0.00	43.94 1.61 0.00	45.88 1.94 0.00	44.90 2.09 0.00	41.07 2.06 0.00	46.33 2.06 -0.11	47.04 1.92 0.00	68.45 1.80 -21.61	50.50 1.92 -1.83	53.09 2.28 0.00	48.24 2.78 0.00	53.59 2.84 0.00	49.82 2.04 0.00	51.82 1.59 0.00	69.35 1.43 -1.09	72.09 1.07 -0.14	59.47 1.00 0.00	50.70 1.17 0.00
ASTORIA_GT_8 24108	44.49 1.49 0.00	34.94 1.28 0.00	34.38 1.10 0.00	32.78 0.94 0.00	30.67 0.96 0.00	38.01 1.34 0.00	45.49 1.54 0.00	43.94 1.61 0.00	45.88 1.94 0.00	44.90 2.09 0.00	41.07 2.06 0.00	46.33 2.06 -0.11	47.04 1.92 0.00	68.45 1.80 -21.61	50.50 1.92 -1.83	53.09 2.28 0.00	48.24 2.78 0.00	53.59 2.84 0.00	49.82 2.04 0.00	51.82 1.59 0.00	69.35 1.43 -1.09	72.09 1.07 -0.14	59.47 1.00 0.00	50.70 1.17 0.00
ASTORIA___2 24149	44.39 1.39 0.00	34.87 1.21 0.00	34.30 1.01 0.00	32.72 0.88 0.00	30.62 0.91 0.00	37.94 1.26 0.00	45.40 1.44 0.00	43.84 1.51 0.00	45.77 1.83 0.00	44.80 1.99 0.00	40.96 1.95 0.00	46.19 1.92 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.36 1.78 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.45 2.69 0.00	49.69 1.91 0.00	51.66 1.44 0.00	69.15 1.23 -1.09	71.92 0.90 -0.14	59.32 0.86 0.00	50.58 1.05 0.00
ASTORIA___3 23516	44.33 1.33 0.00	34.83 1.17 0.00	34.29 1.00 0.00	32.67 0.83 0.00	30.51 0.80 0.00	37.83 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.67 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.98 0.00	68.45 1.79 -21.61	50.38 1.79 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.45 2.69 0.00	49.69 1.91 0.00	51.66 1.43 0.00	69.15 1.23 -1.09	71.92 0.90 -0.14	59.32 0.86 0.00	50.58 1.05 0.00
ASTORIA___4 23517	44.33 1.32 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.84 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.68 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.99 0.00	68.44 1.79 -21.61	50.38 1.79 -1.83	52.93 2.12 0.00	48.10 2.64 0.00	53.44 2.69 0.00	49.69 1.90 0.00	51.68 1.45 0.00	69.17 1.25 -1.09	71.93 0.91 -0.14	59.32 0.85 0.00	50.58 1.04 0.00
ASTORIA___5 23518	44.33 1.33 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.67 0.83 0.00	30.51 0.80 0.00	37.83 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.67 0.00	44.74 1.94 0.00	40.96 1.95 0.00	46.18 1.92 -0.11	46.91 1.78 0.00	68.32 1.67 -21.61	50.43 1.84 -1.83	53.05 2.25 0.00	48.19 2.73 0.00	53.66 2.91 0.00	49.78 2.00 0.00	51.74 1.52 0.00	68.14 1.31 0.00	71.81 0.93 0.00	59.24 0.78 0.00	50.41 0.87 0.00
AST_ENERGY_2_CC3 323677	44.23 1.23 0.00	34.69 1.03 0.00	34.21 0.92 0.00	32.60 0.76 0.00	30.42 0.71 0.00	37.71 1.04 0.00	45.14 1.19 0.00	43.64 1.31 0.00	45.51 1.57 0.00	44.68 1.87 0.00	40.99 1.98 0.00	46.38 2.11 -0.11	47.09 1.96 0.00	68.42 1.77 -21.61	50.49 1.90 -1.83	53.05 2.24 0.00	48.18 2.72 0.00	53.82 3.06 0.00	49.88 2.10 0.00	51.84 1.62 0.00	68.27 1.44 0.00	71.90 1.02 0.00	59.22 0.76 0.00	50.34 0.81 0.00
AST_ENERGY_2_CC4 323678	44.23 1.23 0.00	34.69 1.03 0.00	34.21 0.92 0.00	32.60 0.76 0.00	30.42 0.71 0.00	37.71 1.04 0.00	45.14 1.19 0.00	43.64 1.31 0.00	45.51 1.57 0.00	44.68 1.87 0.00	40.99 1.98 0.00	46.38 2.11 -0.11	47.09 1.96 0.00	68.42 1.77 -21.61	50.49 1.90 -1.83	53.05 2.24 0.00	48.18 2.72 0.00	53.82 3.06 0.00	49.88 2.10 0.00	51.84 1.62 0.00	68.27 1.44 0.00	71.90 1.02 0.00	59.22 0.76 0.00	50.34 0.81 0.00

ATHENS_STG_1 23668	43.33 0.33 0.00	33.96 0.30 0.00	33.65 0.37 0.00	32.21 0.37 0.00	30.06 0.35 0.00	37.16 0.49 0.00	44.36 0.40 0.00	42.74 0.41 0.00	44.39 0.45 0.00	43.33 0.52 0.00	39.54 0.53 0.00	44.66 0.46 -0.04	45.47 0.34 0.00	53.69 0.22 -8.43	47.73 0.26 -0.71	51.26 0.45 0.00	46.30 0.84 0.00	51.95 1.19 0.00	48.56 0.77 0.00	50.79 0.56 0.00	67.08 0.25 0.00	70.80 -0.07 0.00	58.40 -0.07 0.00	49.58 0.05 0.00
ATHENS_STG_2 23670	43.33 0.33 0.00	33.96 0.30 0.00	33.65 0.37 0.00	32.21 0.37 0.00	30.06 0.35 0.00	37.16 0.49 0.00	44.36 0.40 0.00	42.74 0.41 0.00	44.39 0.45 0.00	43.33 0.52 0.00	39.54 0.53 0.00	44.66 0.46 -0.04	45.47 0.34 0.00	53.69 0.22 -8.43	47.73 0.26 -0.71	51.26 0.45 0.00	46.30 0.84 0.00	51.95 1.19 0.00	48.56 0.77 0.00	50.79 0.56 0.00	67.08 0.25 0.00	70.80 -0.07 0.00	58.40 -0.07 0.00	49.58 0.05 0.00
ATHENS_STG_3 23677	43.33 0.33 0.00	33.96 0.30 0.00	33.65 0.37 0.00	32.21 0.37 0.00	30.06 0.35 0.00	37.16 0.49 0.00	44.36 0.40 0.00	42.74 0.41 0.00	44.39 0.45 0.00	43.33 0.52 0.00	39.54 0.53 0.00	44.66 0.46 -0.04	45.47 0.34 0.00	53.69 0.22 -8.43	47.73 0.26 -0.71	51.26 0.45 0.00	46.30 0.84 0.00	51.95 1.19 0.00	48.56 0.77 0.00	50.79 0.56 0.00	67.08 0.25 0.00	70.80 -0.07 0.00	58.40 -0.07 0.00	49.58 0.05 0.00
AUBURN___LFGE 323710	43.11 0.10 0.00	33.71 0.05 0.00	33.32 0.03 0.00	31.79 -0.05 0.00	29.76 0.05 0.00	36.90 0.23 0.00	44.05 0.09 0.00	42.50 0.17 0.00	44.05 0.11 0.00	42.82 0.00 0.00	39.05 0.04 0.00	44.33 0.17 0.00	45.67 0.54 0.00	45.72 0.68 0.00	47.53 0.78 0.00	51.67 0.86 0.00	46.31 0.83 -0.01	53.43 1.46 -1.22	50.48 1.58 -1.12	53.80 1.79 -1.77	73.99 1.73 -5.44	77.36 1.69 -4.79	62.23 1.25 -2.53	50.39 0.85 -0.01
BABYLON_RES_REC 323704	44.57 1.57 0.00	34.87 1.21 0.00	34.37 1.08 0.00	32.70 0.86 0.00	30.57 0.85 0.00	37.96 1.29 0.00	45.15 1.19 0.00	43.74 1.41 0.00	45.53 1.59 0.00	44.65 1.84 0.00	41.37 2.36 0.00	46.05 1.78 -0.11	46.31 1.18 0.00	67.65 1.00 -21.61	49.74 1.15 -1.83	52.33 1.53 0.01	47.71 2.25 0.00	52.94 2.42 0.23	49.02 1.33 0.09	51.05 0.82 0.00	59.82 0.24 7.24	54.30 0.07 16.65	47.21 0.23 11.48	41.55 0.64 8.62
BALL_HILL_WT_PWR 323825	42.91 -0.09 0.00	33.21 -0.45 0.00	32.79 -0.49 0.00	31.36 -0.48 0.00	29.39 -0.33 0.00	36.53 -0.14 0.00	42.89 -1.06 0.00	40.89 -1.44 0.00	42.73 -1.21 0.00	42.25 -0.56 0.00	39.08 0.07 0.00	46.13 1.97 0.00	48.05 2.93 0.00	48.08 3.04 0.00	49.81 3.06 0.00	53.65 2.85 0.00	47.90 2.44 0.00	53.94 3.19 0.00	50.55 2.76 0.00	53.14 2.91 0.00	69.12 2.29 0.00	73.56 2.69 0.00	61.58 3.12 0.00	52.20 2.67 0.00
BARON_WINDS___WT_PWR 323822	42.78 -0.22 0.00	33.29 -0.37 0.00	32.86 -0.42 0.00	31.47 -0.37 0.00	29.45 -0.27 0.00	36.59 -0.09 0.00	43.37 -0.59 0.00	41.28 -1.04 0.00	42.90 -1.04 0.00	42.14 -0.67 0.00	38.73 -0.27 0.00	44.87 0.70 0.00	46.42 1.29 0.00	46.42 1.38 0.00	48.29 1.54 0.00	52.01 1.20 0.00	46.74 1.27 0.00	52.97 1.87 -0.34	49.62 1.52 -0.32	52.57 1.83 -0.50	69.64 1.27 -1.54	73.61 1.37 -1.36	60.59 1.41 -0.72	50.62 1.09 0.00
BARRETT_IC_1 23704	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	74.34 0.69 -6.82	75.92 0.60 -4.44	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_10 23701	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_11 23702	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_12 23703	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_2 23705	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_3 23706	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_4 23707	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_5 23708	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94

BARRETT_IC_6 23709	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	74.34 0.69 -6.82	75.92 0.60 -4.44	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_7 23710	44.35 1.35 0.00	34.68 1.03 0.00	34.19 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.80 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.02 2.01 0.00	46.05 1.79 -0.11	46.59 1.46 0.00	67.95 1.29 -21.61	50.16 1.58 -1.83	52.83 2.03 0.01	47.98 2.52 0.00	53.35 2.60 0.00	49.39 1.61 0.00	51.37 1.14 0.00	74.41 0.76 -6.82	75.94 0.63 -4.44	61.71 0.66 -2.59	52.06 0.58 -1.94
BARRETT_IC_8 23711	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	74.34 0.69 -6.82	75.92 0.60 -4.44	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT_IC_9 23700	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT___1 23545	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	74.34 0.69 -6.82	75.92 0.60 -4.44	61.67 0.62 -2.59	52.04 0.56 -1.94
BARRETT___2 23546	44.36 1.35 0.00	34.68 1.03 0.00	34.18 0.90 0.00	32.55 0.71 0.00	30.44 0.73 0.00	37.79 1.12 0.00	44.97 1.02 0.00	43.47 1.15 0.00	45.20 1.26 0.00	44.34 1.53 0.00	41.01 2.01 0.00	46.06 1.79 -0.11	46.61 1.48 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.83 2.02 0.01	47.98 2.52 0.00	53.36 2.60 0.00	49.39 1.60 0.00	51.37 1.14 0.00	-2.27 0.69 69.79	65.92 0.60 5.56	61.67 0.62 -2.59	52.04 0.56 -1.94
BATAVIA___115KV_TB1 55881	43.87 0.87 0.00	34.04 0.38 0.00	33.59 0.30 0.00	32.07 0.22 0.00	30.05 0.34 0.00	37.25 0.58 0.00	43.84 -0.12 0.00	42.21 -0.11 0.00	43.81 -0.13 0.00	42.75 -0.06 0.00	39.19 0.18 0.00	46.07 1.91 0.00	47.87 2.74 0.00	48.05 3.01 0.00	49.92 3.16 0.00	54.04 3.23 0.00	48.42 2.96 0.00	54.67 3.91 0.00	51.55 3.77 0.00	54.42 4.19 0.00	71.24 4.42 0.00	75.64 4.77 0.00	63.03 4.57 0.00	53.27 3.73 0.00
BAYONEEC___CTG1 323682	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG10 323750	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG2 323683	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG3 323684	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG4 323685	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG5 323686	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG6 323687	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG7 323688	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00

BAYONEEC___CTG8 323689	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BAYONEEC___CTG9 323749	44.28 1.28 0.00	34.73 1.08 0.00	34.24 0.96 0.00	32.64 0.80 0.00	30.45 0.74 0.00	37.77 1.09 0.00	45.20 1.24 0.00	43.68 1.35 0.00	45.57 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.16 2.03 0.00	68.48 1.83 -21.61	50.54 1.95 -1.83	53.11 2.30 0.00	48.24 2.78 0.00	53.87 3.11 0.00	49.97 2.19 0.00	51.94 1.71 0.00	68.38 1.55 0.00	72.02 1.15 0.00	59.34 0.88 0.00	50.44 0.90 0.00
BEACON___LESR 323632	42.99 -0.01 0.00	33.68 0.03 0.00	33.47 0.18 0.00	32.07 0.23 0.00	29.93 0.22 0.00	37.02 0.34 0.00	44.10 0.21 0.07	42.55 0.22 0.00	44.16 0.22 0.00	42.95 0.14 0.00	39.05 0.05 0.00	43.87 -0.20 0.09	44.92 -0.21 0.00	27.25 -0.42 17.37	44.89 -0.39 1.47	50.76 -0.05 0.00	45.76 0.30 0.00	51.65 0.90 0.00	48.44 0.66 0.00	50.82 0.59 0.00	67.14 0.31 0.00	70.71 -0.16 0.00	58.13 -0.33 0.00	49.25 -0.28 0.00
BEAVER RIVER___HYD 24048	45.50 2.49 0.00	35.50 1.84 0.00	35.05 1.76 0.00	33.48 1.64 0.00	31.27 1.56 0.00	38.72 2.05 0.00	46.45 2.49 0.00	44.81 2.49 0.00	46.41 2.47 0.00	44.70 1.89 0.00	40.51 1.50 0.00	45.73 1.57 0.00	46.48 1.36 0.00	46.48 1.44 0.00	48.05 1.30 0.00	52.19 1.38 0.00	46.71 1.24 -0.01	53.00 1.53 -0.71	50.60 2.17 -0.65	54.35 3.09 -1.03	74.87 4.88 -3.16	79.26 5.61 -2.78	64.28 4.35 -1.47	52.81 3.27 0.00
BEEBEE_GT_13 23619	43.08 0.08 0.00	33.55 -0.11 0.00	33.13 -0.15 0.00	31.64 -0.20 0.00	29.60 -0.11 0.00	36.69 0.02 0.00	43.53 -0.42 0.00	41.83 -0.50 0.00	43.54 -0.40 0.00	42.52 -0.29 0.00	39.01 0.00 0.00	45.31 1.15 0.00	46.89 1.76 0.00	47.00 1.96 0.00	48.76 2.01 0.00	52.93 2.13 0.00	47.41 1.95 0.00	53.38 2.63 0.00	50.20 2.42 0.00	52.69 2.46 0.00	69.17 2.35 0.00	73.31 2.44 0.00	60.68 2.22 0.00	51.22 1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.86 1.85 0.00	35.23 1.58 0.00	34.65 1.37 0.00	33.01 1.17 0.00	30.81 1.10 0.00	38.23 1.55 0.00	45.72 1.76 0.00	44.10 1.77 0.00	45.96 2.02 0.00	45.16 2.35 0.00	41.47 2.47 0.00	46.86 2.59 -0.11	47.55 2.42 0.00	68.95 2.30 -21.61	51.04 2.45 -1.83	53.70 2.89 0.00	48.79 3.32 0.00	54.32 3.56 0.00	50.41 2.63 0.00	52.44 2.21 0.00	69.06 2.23 0.00	72.85 1.98 0.00	60.08 1.62 0.00	51.07 1.54 0.00
BETHLEHEM___GRP 23843	42.48 -0.53 0.00	33.31 -0.35 0.00	33.10 -0.18 0.00	31.76 -0.08 0.00	29.65 -0.06 0.00	36.60 -0.07 0.00	43.52 -0.38 0.06	42.03 -0.30 0.00	43.56 -0.39 0.00	42.40 -0.42 0.00	38.53 -0.48 0.00	43.32 -0.76 0.08	44.22 -0.91 0.00	27.69 -1.01 16.35	44.33 -1.04 1.39	49.95 -0.85 0.00	45.04 -0.43 0.00	50.67 -0.09 0.00	47.48 -0.31 0.00	49.78 -0.45 0.00	65.89 -0.94 0.00	69.49 -1.38 0.00	57.28 -1.18 0.00	48.61 -0.93 0.00
BETHLEHEM___GS1 323560	42.48 -0.53 0.00	33.31 -0.35 0.00	33.10 -0.18 0.00	31.76 -0.08 0.00	29.65 -0.06 0.00	36.60 -0.07 0.00	43.52 -0.38 0.06	42.03 -0.30 0.00	43.56 -0.38 0.00	42.40 -0.42 0.00	38.53 -0.48 0.00	43.32 -0.76 0.08	44.22 -0.91 0.00	27.69 -1.01 16.35	44.33 -1.04 1.39	49.95 -0.86 0.00	45.04 -0.43 0.00	50.67 -0.09 0.00	47.48 -0.30 0.00	49.78 -0.45 0.00	65.89 -0.94 0.00	69.50 -1.38 0.00	57.28 -1.18 0.00	48.61 -0.93 0.00
BETHLEHEM___GS2 323561	42.48 -0.53 0.00	33.31 -0.35 0.00	33.10 -0.18 0.00	31.76 -0.08 0.00	29.65 -0.06 0.00	36.60 -0.07 0.00	43.52 -0.38 0.06	42.03 -0.30 0.00	43.56 -0.38 0.00	42.40 -0.42 0.00	38.53 -0.48 0.00	43.32 -0.76 0.08	44.22 -0.91 0.00	27.69 -1.01 16.35	44.33 -1.04 1.39	49.95 -0.86 0.00	45.04 -0.43 0.00	50.67 -0.09 0.00	47.48 -0.30 0.00	49.78 -0.45 0.00	65.89 -0.94 0.00	69.50 -1.38 0.00	57.28 -1.18 0.00	48.61 -0.93 0.00
BETHLEHEM___GS3 323562	42.48 -0.53 0.00	33.31 -0.35 0.00	33.10 -0.18 0.00	31.76 -0.08 0.00	29.65 -0.06 0.00	36.60 -0.07 0.00	43.52 -0.38 0.06	42.03 -0.30 0.00	43.56 -0.38 0.00	42.40 -0.42 0.00	38.53 -0.48 0.00	43.32 -0.76 0.08	44.22 -0.91 0.00	27.69 -1.01 16.35	44.33 -1.04 1.39	49.95 -0.86 0.00	45.04 -0.43 0.00	50.67 -0.09 0.00	47.48 -0.30 0.00	49.78 -0.45 0.00	65.89 -0.94 0.00	69.50 -1.38 0.00	57.28 -1.18 0.00	48.61 -0.93 0.00
BETHLEHEM___STEEL 23779	42.97 -0.04 0.00	33.29 -0.36 0.00	32.87 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.54 -0.13 0.00	42.79 -1.17 0.00	41.00 -1.33 0.00	42.82 -1.12 0.00	42.20 -0.61 0.00	39.03 0.02 0.00	46.27 2.10 0.00	48.22 3.09 0.00	48.29 3.24 0.00	49.98 3.23 0.00	54.03 3.23 0.00	48.21 2.75 0.00	54.29 3.53 0.00	50.83 3.04 0.00	53.34 3.12 0.00	69.41 2.59 0.00	73.84 2.97 0.00	61.85 3.39 0.00	52.47 2.93 0.00
BETHLHEM_115KV_TB1 79974	42.60 -0.41 0.00	33.40 -0.26 0.00	33.18 -0.10 0.00	31.83 -0.01 0.00	29.71 0.00 0.00	36.68 0.01 0.00	43.64 -0.27 0.06	42.13 -0.19 0.00	43.69 -0.26 0.00	42.51 -0.30 0.00	38.66 -0.35 0.00	43.49 -0.60 0.08	44.39 -0.74 0.00	28.75 -0.85 15.44	44.59 -0.86 1.31	50.13 -0.68 0.00	45.19 -0.27 0.00	50.82 0.06 0.00	47.62 -0.16 0.00	49.92 -0.31 0.00	66.07 -0.76 0.00	69.71 -1.16 0.00	57.46 -1.00 0.00	48.77 -0.77 0.00
BETHPAGE_CC_5 323564	44.27 1.27 0.00	34.68 1.03 0.00	34.23 0.95 0.00	32.57 0.73 0.00	30.45 0.74 0.00	37.78 1.11 0.00	44.95 0.99 0.00	43.51 1.18 0.00	45.24 1.30 0.00	44.39 1.58 0.00	41.05 2.04 0.00	46.04 1.77 -0.11	46.53 1.41 0.00	67.92 1.27 -21.61	50.16 1.57 -1.83	52.81 2.01 0.01	48.06 2.59 0.00	53.36 2.77 0.16	49.41 1.69 0.06	51.46 1.23 0.00	61.21 0.77 6.39	56.38 0.57 15.07	48.43 0.38 10.40	42.12 0.39 7.81
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.05 0.05 0.00	33.35 -0.31 0.00	32.92 -0.37 0.00	31.45 -0.39 0.00	29.48 -0.23 0.00	36.59 -0.09 0.00	42.89 -1.07 0.00	41.17 -1.15 0.00	43.00 -0.94 0.00	42.41 -0.40 0.00	39.24 0.23 0.00	46.53 2.37 0.00	48.49 3.37 0.00	48.60 3.56 0.00	50.32 3.57 0.00	54.42 3.61 0.00	48.56 3.10 0.00	54.66 3.91 0.00	51.18 3.40 0.00	53.70 3.47 0.00	69.86 3.03 0.00	74.26 3.39 0.00	62.17 3.71 0.00	52.73 3.20 0.00
BINGHAMTON___COGEN 23790	42.92 -0.08 0.00	33.47 -0.18 0.00	33.05 -0.23 0.00	31.64 -0.20 0.00	29.56 -0.16 0.00	36.63 -0.05 0.00	43.80 -0.16 0.00	42.03 -0.30 0.00	43.73 -0.21 0.00	42.78 -0.03 0.00	39.13 0.12 0.00	44.63 0.46 0.00	45.87 0.74 0.00	45.83 0.78 0.00	47.71 0.96 0.00	51.54 0.74 0.00	46.40 0.93 0.00	52.72 1.37 -0.60	49.55 1.22 -0.55	52.38 1.29 -0.87	70.44 0.95 -2.67	74.16 0.94 -2.35	60.44 0.74 -1.24	49.99 0.45 0.00

BIXINCNT_115KV_LOAD 355685	43.24 0.24 0.00	33.39 -0.27 0.00	32.94 -0.34 0.00	31.50 -0.34 0.00	29.55 -0.16 0.00	36.70 0.02 0.00	43.23 -0.73 0.00	40.62 -1.70 0.00	42.58 -1.37 0.00	42.73 -0.08 0.00	39.59 0.59 0.00	46.81 2.65 0.00	48.71 3.58 0.00	48.59 3.55 0.00	50.39 3.64 0.00	54.17 3.36 0.00	48.25 2.78 0.00	54.15 3.40 0.00	50.65 2.87 0.00	53.05 2.83 0.00	69.03 2.21 0.00	73.27 2.39 0.00	61.36 2.90 0.00	52.21 2.68 0.00
BLACK RIVER___HYD 24047	45.97 2.97 0.00	35.83 2.18 0.00	35.35 2.07 0.00	33.76 1.92 0.00	31.55 1.84 0.00	39.15 2.48 0.00	46.92 2.96 0.00	45.26 2.93 0.00	46.83 2.89 0.00	45.03 2.22 0.00	40.76 1.75 0.00	45.98 1.82 0.00	46.62 1.50 0.00	46.73 1.68 0.00	48.34 1.58 0.00	52.41 1.60 0.00	47.02 1.55 -0.01	53.95 2.05 -1.14	51.66 2.82 -1.05	55.88 3.98 -1.67	78.23 6.28 -5.12	82.35 6.97 -4.51	66.19 5.35 -2.38	53.50 3.96 0.00
BLACKRVR_115KV_TB2 79977	45.97 2.97 0.00	35.83 2.18 0.00	35.35 2.07 0.00	33.76 1.92 0.00	31.55 1.84 0.00	39.15 2.48 0.00	46.92 2.96 0.00	45.26 2.93 0.00	46.83 2.89 0.00	45.03 2.22 0.00	40.75 1.75 0.00	45.98 1.82 0.00	46.63 1.50 0.00	46.73 1.68 0.00	48.34 1.58 0.00	52.41 1.60 0.00	47.02 1.55 -0.01	53.95 2.05 -1.14	51.67 2.83 -1.05	55.88 3.98 -1.67	78.24 6.29 -5.12	82.35 6.97 -4.51	66.19 5.35 -2.38	53.50 3.96 0.00
BLDWN_LI_69_KV_BK4 356085	44.71 1.70 0.00	34.95 1.30 0.00	34.44 1.15 0.00	32.77 0.93 0.00	30.64 0.92 0.00	38.05 1.37 0.00	45.28 1.33 0.00	43.73 1.40 0.00	45.49 1.55 0.00	44.65 1.84 0.00	41.18 2.18 0.00	46.38 2.11 -0.11	46.95 1.83 0.00	68.28 1.62 -21.61	50.53 1.94 -1.83	53.32 2.51 0.00	48.48 3.02 0.00	54.02 3.26 0.00	49.98 2.20 0.00	51.99 1.76 0.00	66.35 1.58 2.06	64.76 1.55 7.66	54.30 1.23 5.39	46.54 1.05 4.05
BLISS_WT_PWR 323608	43.23 0.22 0.00	33.36 -0.30 0.00	32.91 -0.38 0.00	31.46 -0.38 0.00	29.54 -0.18 0.00	36.66 -0.02 0.00	43.22 -0.74 0.00	40.63 -1.70 0.00	42.60 -1.34 0.00	42.74 -0.07 0.00	39.62 0.61 0.00	46.85 2.69 0.00	48.74 3.62 0.00	48.61 3.57 0.00	50.43 3.67 0.00	54.22 3.41 0.00	48.27 2.80 0.00	54.16 3.41 0.00	50.65 2.86 0.00	53.07 2.84 0.00	69.05 2.22 0.00	73.27 2.40 0.00	61.38 2.92 0.00	52.21 2.67 0.00
BLUESTONE___WT_PWR 323821	44.87 1.87 0.00	34.98 1.32 0.00	34.48 1.20 0.00	32.98 1.14 0.00	30.84 1.13 0.00	38.24 1.57 0.00	45.88 1.92 0.00	44.05 1.72 0.00	45.71 1.77 0.00	44.65 1.84 0.00	40.72 1.71 0.00	46.35 2.19 0.00	47.63 2.50 0.00	47.56 2.51 0.00	49.61 2.86 0.00	53.71 2.91 0.00	48.57 3.10 0.00	55.24 3.97 -0.51	52.20 3.94 -0.47	55.25 4.27 -0.75	74.04 4.90 -2.31	77.83 4.92 -2.03	63.39 3.85 -1.07	52.34 2.81 0.00
BLUE_CIRC_CHEM_DRP 24182	42.24 -0.76 0.00	33.13 -0.53 0.00	32.90 -0.38 0.00	31.55 -0.29 0.00	29.45 -0.26 0.00	36.37 -0.30 0.00	43.30 -0.61 0.04	41.73 -0.59 0.00	43.21 -0.73 0.00	41.99 -0.82 0.00	38.12 -0.89 0.00	36.57 -1.37 6.22	43.59 -1.54 0.00	32.59 -1.61 10.85	44.14 -1.70 0.92	49.18 -1.62 0.00	44.31 -1.15 0.00	49.87 -0.88 0.00	46.93 -0.86 0.00	49.31 -0.92 0.00	65.37 -1.46 0.00	69.03 -1.84 0.00	56.92 -1.55 0.00	48.31 -1.22 0.00
BOC_GAS_DRP 24189	42.89 -0.11 0.00	33.62 -0.04 0.00	33.36 0.07 0.00	31.97 0.13 0.00	29.84 0.13 0.00	36.85 0.17 0.00	43.93 0.00 0.03	42.35 0.02 0.00	43.94 0.00 0.00	42.80 -0.01 0.00	38.97 -0.04 0.00	44.30 -0.21 -0.35	44.80 -0.32 0.00	34.19 -0.43 10.42	45.42 -0.44 0.88	50.51 -0.30 0.00	45.51 0.05 0.00	51.10 0.35 0.00	47.87 0.09 0.00	50.18 -0.05 0.00	66.40 -0.43 0.00	70.13 -0.74 0.00	57.86 -0.60 0.00	49.11 -0.43 0.00
BOONVILLE_115KV_TB1 79983	44.66 1.65 0.00	34.86 1.21 0.00	34.45 1.16 0.00	32.92 1.08 0.00	30.74 1.03 0.00	38.07 1.39 0.00	45.65 1.69 0.00	44.22 1.89 0.00	46.00 2.06 0.00	44.47 1.66 0.00	40.41 1.41 0.00	45.74 1.58 0.00	46.67 1.54 0.00	46.44 1.39 0.00	48.03 1.28 0.00	52.27 1.46 0.00	46.94 1.48 0.00	53.06 1.96 -0.34	50.28 2.19 -0.31	53.38 2.66 -0.50	71.98 3.63 -1.52	76.08 3.86 -1.34	62.10 2.93 -0.71	51.78 2.24 0.00
BORALEX_4TH_BRANCH 23824	44.44 1.43 0.00	34.92 1.26 0.00	34.66 1.38 0.00	33.16 1.32 0.00	30.96 1.25 0.00	38.33 1.66 0.00	45.79 1.73 -0.10	44.01 1.68 0.00	45.40 1.46 0.00	44.00 1.19 0.00	39.84 0.84 0.00	44.59 0.65 0.22	45.54 0.41 0.00	1.50 0.13 43.67	43.12 0.07 3.70	51.39 0.58 0.00	46.20 0.73 0.00	52.29 1.53 0.00	48.99 1.21 0.00	51.51 1.28 0.00	68.28 1.45 0.00	72.11 1.23 0.00	59.45 0.98 0.00	50.66 1.13 0.00
BOWLINE___1 23526	43.81 0.81 0.00	34.33 0.68 0.00	33.90 0.62 0.00	32.33 0.49 0.00	30.17 0.46 0.00	37.41 0.73 0.00	44.77 0.80 0.00	43.19 0.86 0.00	44.95 1.01 0.00	44.04 1.23 0.00	40.36 1.35 0.00	45.73 1.46 -0.10	46.54 1.41 0.00	66.62 1.25 -20.32	49.86 1.39 -1.72	52.50 1.69 0.00	47.61 2.15 0.00	53.29 2.54 0.00	49.55 1.77 0.00	51.64 1.41 0.00	68.04 1.21 0.00	71.65 0.78 0.00	59.04 0.57 0.00	50.06 0.53 0.00
BOWLINE___2 23595	43.74 0.74 0.00	34.29 0.64 0.00	33.88 0.60 0.00	32.32 0.48 0.00	30.15 0.44 0.00	37.39 0.71 0.00	44.72 0.76 0.00	43.13 0.81 0.00	44.89 0.95 0.00	43.97 1.16 0.00	40.29 1.29 0.00	45.66 1.39 -0.10	46.46 1.33 0.00	66.54 1.17 -20.33	49.77 1.30 -1.72	52.42 1.61 0.00	47.54 2.08 0.00	53.20 2.45 0.00	49.47 1.69 0.00	51.55 1.32 0.00	67.91 1.08 0.00	71.53 0.66 0.00	58.92 0.46 0.00	49.99 0.45 0.00
BRADY___115KV_TB2 356060	45.07 2.06 0.00	35.29 1.64 0.00	34.84 1.56 0.00	33.32 1.47 0.00	31.08 1.37 0.00	38.26 1.58 0.00	45.94 1.98 0.00	43.82 1.49 0.00	45.37 1.43 0.00	44.00 1.19 0.00	40.04 1.03 0.00	45.11 0.95 0.00	45.91 0.78 0.00	45.93 0.89 0.00	47.54 0.78 0.00	51.36 0.55 0.00	45.35 -0.11 0.00	50.03 -0.72 0.00	47.74 -0.04 0.00	50.77 0.54 0.00	68.62 1.79 0.00	73.66 2.79 0.00	60.90 2.43 0.00	51.54 2.01 0.00
BRANSCOMB___SOLAR 323811	44.57 1.57 0.00	34.89 1.23 0.00	34.56 1.28 0.00	33.07 1.23 0.00	30.88 1.17 0.00	38.22 1.55 0.00	45.71 1.68 -0.07	43.95 1.62 0.00	45.47 1.53 0.00	44.10 1.29 0.00	39.92 0.91 0.00	44.76 0.71 0.11	45.73 0.60 0.00	23.46 0.50 22.08	45.48 0.60 1.87	51.94 1.13 0.00	46.92 1.46 0.00	53.16 2.40 0.00	50.18 2.40 0.00	52.76 2.53 0.00	69.87 3.05 0.00	73.34 2.46 0.00	60.32 1.86 0.00	51.17 1.63 0.00
BRDGHMPT_69_KV_BK1 55812	45.89 2.89 0.00	35.55 1.89 0.00	34.99 1.71 0.00	33.29 1.45 0.00	31.12 1.40 0.00	38.61 1.94 0.00	45.77 1.81 0.00	44.59 2.26 0.00	46.50 2.56 0.00	45.60 2.80 0.00	42.44 3.43 0.00	47.60 3.34 -0.11	48.14 3.02 0.00	69.53 2.87 -21.61	51.99 3.41 -1.83	54.85 4.05 0.01	49.97 4.51 0.00	55.40 5.11 0.47	51.28 3.68 0.19	53.34 3.12 0.00	61.35 3.18 8.66	54.68 2.90 19.10	47.28 1.97 13.16	41.15 1.49 9.88

BRENTWOD_69_KV_W. BRTWOOD 56703	44.68 1.68 0.00	34.93 1.28 0.00	34.46 1.17 0.00	32.77 0.93 0.00	30.65 0.94 0.00	38.07 1.39 0.00	45.22 1.26 0.00	43.82 1.50 0.00	45.66 1.72 0.00	44.76 1.95 0.00	41.54 2.53 0.00	46.38 2.11 -0.11	46.79 1.66 0.00	68.24 1.59 -21.61	50.52 1.94 -1.83	53.18 2.38 0.01	48.46 2.99 0.00	53.31 3.16 0.60	49.50 1.95 0.24	51.69 1.47 0.00	59.32 1.10 8.60	53.26 1.08 18.69	46.39 0.81 12.89	40.55 0.69 9.67
BRISTLHL_115KV_TB1 79998	42.15 -0.86 0.00	32.94 -0.71 0.00	32.57 -0.72 0.00	31.16 -0.68 0.00	29.09 -0.63 0.00	35.99 -0.69 0.00	43.15 -0.81 0.00	41.66 -0.67 0.00	43.23 -0.71 0.00	42.01 -0.81 0.00	38.21 -0.80 0.00	43.43 -0.73 0.00	44.50 -0.63 0.00	44.50 -0.55 0.00	46.23 -0.52 0.00	50.24 -0.57 0.00	45.21 -0.27 -0.02	53.34 -0.05 -2.63	50.20 -0.01 -2.42	54.08 0.01 -3.84	78.22 -0.39 -11.78	80.67 -0.58 -10.37	63.34 -0.60 -5.48	48.90 -0.64 -0.01
BROOKHAVEN___DRP 24191	44.27 1.26 0.00	34.50 0.85 0.00	34.08 0.80 0.00	32.43 0.59 0.00	30.34 0.62 0.00	37.63 0.96 0.00	44.60 0.65 0.00	43.40 1.07 0.00	45.14 1.20 0.00	44.18 1.38 0.00	40.99 1.98 0.00	45.83 1.56 -0.11	46.25 1.12 0.00	67.79 1.14 -21.61	50.12 1.53 -1.83	52.75 1.95 0.01	48.10 2.63 0.00	53.36 3.07 0.47	49.48 1.88 0.18	51.56 1.33 0.00	59.08 0.90 8.65	52.42 0.65 19.10	45.62 0.33 13.17	39.88 0.22 9.88
BROOKLYN_NAVY_YARD 23515	44.20 1.20 0.00	34.69 1.03 0.00	34.20 0.92 0.00	32.58 0.74 0.00	30.40 0.69 0.00	37.69 1.01 0.00	45.11 1.15 0.00	43.59 1.27 0.00	45.49 1.55 0.00	44.66 1.85 0.00	40.94 1.93 0.00	46.34 2.07 -0.11	47.05 1.92 0.00	68.36 1.71 -21.61	50.44 1.85 -1.83	52.98 2.17 0.00	48.13 2.67 0.00	53.75 3.00 0.00	49.85 2.07 0.00	51.84 1.61 0.00	69.90 1.45 -1.63	72.09 1.01 -0.21	59.29 0.82 0.00	50.37 0.84 0.00
BROOKLYN___ARMY_DRP 323595	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
BROOME_2_LFGE 323671	42.92 -0.08 0.00	33.47 -0.18 0.00	33.05 -0.23 0.00	31.64 -0.20 0.00	29.56 -0.16 0.00	36.63 -0.05 0.00	43.80 -0.15 0.00	42.03 -0.30 0.00	43.73 -0.21 0.00	42.78 -0.03 0.00	39.13 0.12 0.00	44.63 0.47 0.00	45.87 0.74 0.00	45.82 0.78 0.00	47.71 0.96 0.00	51.54 0.73 0.00	46.40 0.93 0.00	52.72 1.36 -0.60	49.55 1.22 -0.55	52.38 1.28 -0.87	70.44 0.94 -2.67	74.13 0.91 -2.35	60.44 0.74 -1.24	49.99 0.46 0.00
BROOME___LFGE 323600	42.92 -0.08 0.00	33.47 -0.18 0.00	33.05 -0.23 0.00	31.64 -0.20 0.00	29.56 -0.16 0.00	36.63 -0.05 0.00	43.80 -0.15 0.00	42.03 -0.30 0.00	43.73 -0.21 0.00	42.78 -0.03 0.00	39.13 0.12 0.00	44.63 0.47 0.00	45.87 0.74 0.00	45.82 0.78 0.00	47.71 0.96 0.00	51.54 0.73 0.00	46.40 0.93 0.00	52.72 1.36 -0.60	49.55 1.22 -0.55	52.38 1.28 -0.87	70.44 0.94 -2.67	74.13 0.91 -2.35	60.44 0.74 -1.24	49.99 0.46 0.00
BROWNFLS_115KV_TB_3_5 80003	45.20 2.19 0.00	35.31 1.66 0.00	34.86 1.57 0.00	33.32 1.48 0.00	31.10 1.39 0.00	38.42 1.74 0.00	46.08 2.12 0.00	44.06 1.73 0.00	45.66 1.72 0.00	44.21 1.40 0.00	40.16 1.15 0.00	45.30 1.13 0.00	46.06 0.93 0.00	46.09 1.04 0.00	47.67 0.92 0.00	51.60 0.79 0.00	45.72 0.25 0.00	50.99 -0.13 -0.36	48.64 0.53 -0.33	51.90 1.14 -0.53	70.86 2.41 -1.63	75.77 3.46 -1.43	62.16 2.94 -0.76	51.83 2.30 0.00
BROWNSV1_27_KV_LOAD 356125	44.81 1.80 0.00	35.12 1.46 0.00	34.61 1.33 0.00	32.98 1.14 0.00	30.77 1.06 0.00	38.16 1.48 0.00	45.69 1.73 0.00	44.16 1.84 0.00	46.08 2.14 0.00	45.24 2.43 0.00	41.53 2.53 0.00	47.05 2.78 -0.11	47.80 2.67 0.00	69.13 2.48 -21.61	51.23 2.64 -1.83	53.85 3.04 0.00	48.90 3.43 0.00	54.62 3.86 0.00	50.65 2.86 0.00	52.66 2.43 0.00	69.35 2.53 0.00	73.05 2.18 0.00	60.18 1.72 0.00	51.11 1.57 0.00
BURROWS___LYONSDAL 23803	44.84 1.83 0.00	35.00 1.34 0.00	34.58 1.29 0.00	33.05 1.21 0.00	30.85 1.14 0.00	38.21 1.53 0.00	45.82 1.86 0.00	44.36 2.03 0.00	46.08 2.14 0.00	44.51 1.70 0.00	40.41 1.41 0.00	45.71 1.55 0.00	46.60 1.48 0.00	46.41 1.37 0.00	48.01 1.26 0.00	52.23 1.42 0.00	46.88 1.42 0.00	53.00 1.83 -0.41	50.32 2.16 -0.38	53.58 2.75 -0.60	72.58 3.91 -1.84	76.73 4.24 -1.62	62.55 3.23 -0.86	52.00 2.47 0.00
CAITHNESS_CC_1 323624	44.20 1.19 0.00	34.48 0.82 0.00	34.05 0.77 0.00	32.39 0.55 0.00	30.31 0.59 0.00	37.60 0.92 0.00	44.59 0.63 0.00	43.34 1.01 0.00	45.08 1.14 0.00	44.14 1.34 0.00	40.94 1.93 0.00	45.77 1.50 -0.11	46.19 1.06 0.00	67.70 1.04 -21.61	50.02 1.43 -1.83	52.65 1.85 0.01	47.99 2.53 0.00	53.18 2.88 0.46	49.33 1.73 0.18	51.39 1.16 0.00	58.81 0.63 8.64	52.20 0.43 19.11	45.45 0.16 13.17	39.76 0.11 9.89
CALPINE BETH_PAGE_GT4 24209	44.25 1.24 0.00	34.72 1.06 0.00	34.24 0.95 0.00	32.58 0.74 0.00	30.45 0.74 0.00	37.81 1.14 0.00	45.01 1.05 0.00	43.55 1.22 0.00	45.21 1.27 0.00	44.37 1.56 0.00	41.00 1.99 0.00	46.01 1.74 -0.11	46.52 1.40 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.84 2.04 0.00	48.04 2.58 0.00	53.52 2.77 0.00	49.47 1.69 0.00	51.47 1.24 0.00	62.37 0.86 5.31	58.21 0.62 13.28	49.68 0.40 9.18	43.05 0.40 6.89
CALPINE_BETH_PAGE_GT_4 323586	44.25 1.25 0.00	34.72 1.06 0.00	34.24 0.95 0.00	32.58 0.74 0.00	30.45 0.74 0.00	37.81 1.14 0.00	45.01 1.05 0.00	43.55 1.22 0.00	45.21 1.27 0.00	44.37 1.56 0.00	41.00 1.99 0.00	46.02 1.75 -0.11	46.54 1.41 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.84 2.03 0.00	48.04 2.58 0.00	53.52 2.76 0.00	49.48 1.69 0.00	51.46 1.23 0.00	62.31 0.79 5.31	58.18 0.59 13.28	49.66 0.38 9.18	43.03 0.38 6.89
CALPINE_BP_GT1 23823	44.25 1.25 0.00	34.72 1.06 0.00	34.24 0.95 0.00	32.58 0.74 0.00	30.45 0.74 0.00	37.81 1.14 0.00	45.01 1.05 0.00	43.55 1.22 0.00	45.21 1.27 0.00	44.37 1.56 0.00	41.00 1.99 0.00	46.02 1.75 -0.11	46.54 1.41 0.00	67.94 1.28 -21.61	50.16 1.58 -1.83	52.84 2.03 0.00	48.04 2.58 0.00	53.52 2.76 0.00	49.48 1.69 0.00	51.46 1.23 0.00	62.31 0.79 5.31	58.18 0.59 13.28	49.66 0.38 9.18	43.03 0.38 6.89
CALSPAN___DRP 24200	42.97 -0.04 0.00	33.29 -0.36 0.00	32.87 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.54 -0.13 0.00	42.79 -1.17 0.00	41.00 -1.33 0.00	42.82 -1.12 0.00	42.20 -0.61 0.00	39.03 0.02 0.00	46.27 2.10 0.00	48.22 3.09 0.00	48.29 3.24 0.00	49.98 3.23 0.00	54.03 3.23 0.00	48.21 2.75 0.00	54.29 3.53 0.00	50.83 3.04 0.00	53.34 3.12 0.00	69.41 2.59 0.00	73.84 2.97 0.00	61.85 3.39 0.00	52.47 2.93 0.00

CALVERTON___SOLAR 323806	44.41 1.40 0.00	34.58 0.92 0.00	34.17 0.89 0.00	32.52 0.67 0.00	30.41 0.70 0.00	37.73 1.05 0.00	44.70 0.74 0.00	43.51 1.18 0.00	45.28 1.34 0.00	44.30 1.49 0.00	41.11 2.11 0.00	46.01 1.74 -0.11	46.45 1.32 0.00	67.96 1.30 -21.61	50.31 1.73 -1.83	52.97 2.17 0.01	48.31 2.85 0.00	53.62 3.33 0.47	49.72 2.12 0.19	51.78 1.56 0.00	59.30 1.13 8.65	52.68 0.91 19.10	45.79 0.49 13.17	39.99 0.34 9.88
CANDIGU_WT_PWR 323617	42.78 -0.22 0.00	33.29 -0.37 0.00	32.86 -0.42 0.00	31.47 -0.37 0.00	29.45 -0.27 0.00	36.59 -0.09 0.00	43.37 -0.59 0.00	41.28 -1.04 0.00	42.90 -1.04 0.00	42.14 -0.67 0.00	38.73 -0.27 0.00	44.87 0.70 0.00	46.42 1.29 0.00	46.42 1.38 0.00	48.29 1.54 0.00	52.01 1.20 0.00	46.74 1.27 0.00	52.97 1.87 -0.34	49.62 1.52 -0.32	52.57 1.83 -0.50	69.64 1.27 -1.54	73.61 1.37 -1.36	60.59 1.41 -0.72	50.62 1.09 0.00
CARR STREET_E_SYR 24060	42.21 -0.79 0.00	32.97 -0.69 0.00	32.67 -0.62 0.00	31.24 -0.60 0.00	29.18 -0.53 0.00	36.11 -0.57 0.00	43.28 -0.67 0.00	41.75 -0.58 0.00	43.36 -0.58 0.00	42.18 -0.63 0.00	38.46 -0.55 0.00	43.80 -0.36 0.00	44.92 -0.21 0.00	44.91 -0.14 0.00	46.68 -0.08 0.00	50.72 -0.09 0.00	45.61 0.15 -0.01	51.85 0.30 -0.79	48.78 0.26 -0.73	51.62 0.23 -1.16	70.25 -0.14 -3.56	73.69 -0.32 -3.14	59.76 -0.36 -1.66	49.08 -0.46 0.00
CARTHAGE___PAPER 23857	46.00 3.00 0.00	35.88 2.22 0.00	35.41 2.13 0.00	33.82 1.98 0.00	31.59 1.88 0.00	39.15 2.47 0.00	46.95 2.99 0.00	45.28 2.95 0.00	46.87 2.93 0.00	45.08 2.27 0.00	40.78 1.77 0.00	45.95 1.79 0.00	46.65 1.52 0.00	46.73 1.69 0.00	48.31 1.55 0.00	52.43 1.63 0.00	46.99 1.52 -0.01	53.66 1.93 -0.97	51.38 2.70 -0.90	55.45 3.80 -1.42	77.17 5.98 -4.36	81.45 6.73 -3.84	65.69 5.20 -2.03	53.45 3.91 0.00
CASSADAGA_WT_PWR 323784	43.39 0.39 0.00	33.47 -0.18 0.00	33.06 -0.22 0.00	31.68 -0.16 0.00	29.74 0.03 0.00	37.07 0.39 0.00	43.88 -0.08 0.00	41.35 -0.98 0.00	43.34 -0.60 0.00	43.48 0.67 0.00	40.28 1.27 0.00	47.48 3.32 0.00	49.48 4.35 0.00	49.41 4.36 0.00	50.77 4.02 0.00	54.39 3.58 0.00	48.53 3.07 0.00	54.57 3.81 0.00	51.12 3.33 0.00	53.68 3.45 0.00	69.82 2.99 0.00	74.32 3.44 0.00	62.55 4.09 0.00	53.02 3.49 0.00
CE_DUNWOOD___DRP 24194	44.13 1.12 0.00	34.59 0.93 0.00	34.13 0.85 0.00	32.54 0.70 0.00	30.37 0.66 0.00	37.66 0.98 0.00	45.05 1.09 0.00	43.49 1.16 0.00	45.31 1.36 0.00	44.41 1.60 0.00	40.72 1.72 0.00	46.10 1.83 -0.11	46.85 1.72 0.00	68.15 1.55 -21.56	50.27 1.69 -1.83	52.84 2.03 0.00	47.93 2.47 0.00	53.63 2.87 0.00	49.83 2.05 0.00	51.88 1.66 0.00	68.36 1.54 0.00	72.01 1.13 0.00	59.29 0.83 0.00	50.35 0.81 0.00
CE_MILLWOOD___DRP 24193	44.02 1.02 0.00	34.50 0.85 0.00	34.06 0.78 0.00	32.48 0.63 0.00	30.31 0.60 0.00	37.58 0.90 0.00	44.96 1.00 0.00	43.41 1.08 0.00	45.19 1.25 0.00	44.28 1.47 0.00	40.59 1.58 0.00	45.96 1.69 -0.11	46.72 1.59 0.00	67.89 1.43 -21.42	50.12 1.55 -1.82	52.69 1.88 0.00	47.80 2.33 0.00	53.48 2.73 0.00	49.73 1.95 0.00	51.79 1.56 0.00	68.24 1.41 0.00	71.88 1.00 0.00	59.21 0.75 0.00	50.26 0.73 0.00
CE_NYC2_DRP 24202	44.36 1.36 0.00	34.86 1.20 0.00	34.31 1.03 0.00	32.70 0.86 0.00	30.53 0.82 0.00	37.86 1.19 0.00	45.32 1.36 0.00	43.80 1.47 0.00	45.66 1.72 0.00	44.86 2.04 0.00	41.16 2.15 0.00	46.50 2.23 -0.11	47.17 2.04 0.00	68.50 1.85 -21.61	50.52 1.93 -1.83	53.13 2.32 0.00	48.25 2.79 0.00	53.73 2.98 0.00	49.84 2.06 0.00	51.81 1.58 0.00	68.24 1.41 0.00	71.89 1.02 0.00	59.28 0.82 0.00	50.46 0.93 0.00
CE_NYC_DRP 24195	44.36 1.36 0.00	34.79 1.13 0.00	34.30 1.02 0.00	32.69 0.85 0.00	30.50 0.79 0.00	37.83 1.15 0.00	45.28 1.32 0.00	43.77 1.45 0.00	45.66 1.72 0.00	44.83 2.02 0.00	41.15 2.14 0.00	46.58 2.31 -0.11	47.30 2.18 0.00	68.63 1.97 -21.61	50.70 2.12 -1.83	53.29 2.48 0.00	48.38 2.92 0.00	54.05 3.29 0.00	50.13 2.35 0.00	52.13 1.90 0.00	68.63 1.80 0.00	72.25 1.38 0.00	59.52 1.05 0.00	50.57 1.03 0.00
CHAFFEE___LFGE 323603	43.01 0.00 0.00	33.33 -0.33 0.00	32.91 -0.38 0.00	31.43 -0.41 0.00	29.46 -0.25 0.00	36.57 -0.10 0.00	42.84 -1.12 0.00	40.95 -1.38 0.00	42.79 -1.16 0.00	42.21 -0.60 0.00	38.98 -0.03 0.00	46.15 1.99 0.00	48.08 2.95 0.00	48.26 3.22 0.00	49.90 3.15 0.00	54.08 3.27 0.00	48.23 2.77 0.00	54.24 3.49 0.00	50.79 3.01 0.00	53.34 3.11 0.00	69.42 2.59 0.00	73.77 2.89 0.00	61.65 3.19 0.00	52.25 2.72 0.00
CHATEAUG_35_KV_LOAD 355732	43.78 0.78 0.00	34.33 0.67 0.00	33.84 0.55 0.00	32.39 0.55 0.00	30.24 0.52 0.00	37.24 0.57 0.00	44.70 0.74 0.00	42.69 0.36 0.00	44.31 0.37 0.00	43.22 0.41 0.00	39.33 0.32 0.00	44.34 0.18 0.00	45.21 0.08 0.00	45.24 0.20 0.00	46.86 0.11 0.00	50.76 -0.04 0.00	44.92 -0.54 0.00	49.76 -0.99 0.00	47.15 -0.64 0.00	49.79 -0.44 0.00	67.00 0.17 0.00	71.51 0.64 0.00	59.02 0.55 0.00	49.98 0.44 0.00
CHATEAUG_WT_PWR 323614	43.68 0.68 0.00	34.24 0.59 0.00	33.77 0.48 0.00	32.32 0.48 0.00	30.17 0.46 0.00	37.17 0.49 0.00	44.62 0.66 0.00	42.58 0.25 0.00	44.25 0.31 0.00	43.16 0.35 0.00	39.29 0.28 0.00	44.26 0.10 0.00	45.14 0.01 0.00	45.18 0.13 0.00	46.80 0.05 0.00	50.71 -0.10 0.00	44.89 -0.57 0.00	49.76 -1.00 0.00	47.13 -0.65 0.00	49.70 -0.53 0.00	66.78 -0.05 0.00	71.24 0.37 0.00	58.80 0.34 0.00	49.80 0.27 0.00
CHAT_HIGH_FALL_HYD 323578	43.78 0.78 0.00	34.33 0.67 0.00	33.84 0.55 0.00	32.39 0.55 0.00	30.24 0.52 0.00	37.24 0.57 0.00	44.70 0.74 0.00	42.69 0.36 0.00	44.31 0.37 0.00	43.22 0.41 0.00	39.33 0.32 0.00	44.34 0.18 0.00	45.21 0.08 0.00	45.24 0.20 0.00	46.86 0.11 0.00	50.76 -0.04 0.00	44.92 -0.54 0.00	49.76 -0.99 0.00	47.15 -0.64 0.00	49.79 -0.44 0.00	67.00 0.17 0.00	71.51 0.64 0.00	59.02 0.55 0.00	49.98 0.44 0.00
CHAUTAUQUA___LFGE 323629	43.17 0.17 0.00	33.34 -0.31 0.00	32.93 -0.35 0.00	31.52 -0.32 0.00	29.56 -0.15 0.00	36.78 0.11 0.00	43.25 -0.71 0.00	41.15 -1.18 0.00	43.06 -0.88 0.00	42.64 -0.17 0.00	39.45 0.44 0.00	46.47 2.31 0.00	48.44 3.31 0.00	48.46 3.41 0.00	50.16 3.41 0.00	53.88 3.08 0.00	48.13 2.67 0.00	54.24 3.49 0.00	50.86 3.08 0.00	53.52 3.29 0.00	69.61 2.78 0.00	74.11 3.24 0.00	62.03 3.57 0.00	52.53 3.00 0.00
CHERRYST_13_KV_LD 356241	44.49 1.48 0.00	34.88 1.23 0.00	34.40 1.11 0.00	32.79 0.95 0.00	30.59 0.88 0.00	37.94 1.27 0.00	45.44 1.49 0.00	43.94 1.61 0.00	45.84 1.90 0.00	45.04 2.23 0.00	41.35 2.35 0.00	46.81 2.54 -0.11	47.54 2.41 0.00	68.87 2.22 -21.61	50.95 2.37 -1.83	53.55 2.75 0.00	48.62 3.16 0.00	54.31 3.55 0.00	50.35 2.56 0.00	52.33 2.10 0.00	68.89 2.06 0.00	72.50 1.63 0.00	59.72 1.26 0.00	50.73 1.19 0.00

CHESTROR_138KV_BK263 355645	43.75 0.74 0.00	34.27 0.61 0.00	33.82 0.53 0.00	32.28 0.44 0.00	30.12 0.41 0.00	37.32 0.65 0.00	44.66 0.70 0.00	43.08 0.75 0.00	44.83 0.89 0.00	43.88 1.07 0.00	40.17 1.17 0.00	45.51 1.25 -0.09	46.31 1.18 0.00	64.59 1.06 -18.49	49.50 1.18 -1.57	52.27 1.46 0.00	47.36 1.90 0.00	53.07 2.31 0.00	49.46 1.68 0.00	51.62 1.39 0.00	68.05 1.22 0.00	71.71 0.84 0.00	59.05 0.59 0.00	50.08 0.55 0.00
CH_MIDHUDSON___DRP 24192	44.13 1.13 0.00	34.56 0.91 0.00	34.12 0.84 0.00	32.57 0.74 0.00	30.40 0.69 0.00	37.66 0.99 0.00	45.04 1.09 0.00	43.50 1.17 0.00	45.27 1.33 0.00	44.31 1.50 0.00	40.55 1.55 0.00	45.86 1.62 -0.08	46.64 1.51 0.00	62.18 1.40 -15.73	49.61 1.52 -1.33	52.73 1.92 0.00	47.83 2.36 0.00	53.67 2.91 0.00	49.97 2.19 0.00	52.11 1.88 0.00	68.67 1.85 0.00	72.30 1.42 0.00	59.48 1.01 0.00	50.46 0.92 0.00
CH_MISC_IPPS 23765	44.37 1.36 0.00	34.73 1.07 0.00	34.28 1.00 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.83 1.15 0.00	45.26 1.31 0.00	43.70 1.38 0.00	45.50 1.56 0.00	44.57 1.76 0.00	40.83 1.82 0.00	46.18 1.94 -0.09	46.96 1.84 0.00	63.90 1.77 -17.09	50.10 1.90 -1.45	53.13 2.33 0.00	48.21 2.75 0.00	54.10 3.34 0.00	50.38 2.60 0.00	52.52 2.29 0.00	69.18 2.35 0.00	72.83 1.96 0.00	59.90 1.43 0.00	50.77 1.24 0.00
CH_RES_BVR_FALLS 23983	43.19 0.19 0.00	33.82 0.16 0.00	33.42 0.13 0.00	31.97 0.13 0.00	29.83 0.12 0.00	36.77 0.09 0.00	44.09 0.13 0.00	42.40 0.07 0.00	44.02 0.08 0.00	42.91 0.10 0.00	39.09 0.08 0.00	44.20 0.04 0.00	45.13 0.00 0.00	45.08 0.04 0.00	46.75 0.00 0.00	50.76 -0.05 0.00	45.25 -0.21 0.00	50.40 -0.35 0.00	47.51 -0.27 0.00	49.99 -0.24 0.00	66.78 -0.05 0.00	70.99 0.11 0.00	58.60 0.14 0.00	49.66 0.13 0.00
CH_RES_NIAGARA 23895	41.85 -1.15 0.00	32.48 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.05 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.56 1.51 0.00	48.06 1.30 0.00	51.95 1.14 0.00	46.25 0.79 0.00	52.03 1.27 0.00	48.70 0.92 0.00	51.07 0.84 0.00	66.57 -0.26 0.00	70.98 0.11 0.00	59.64 1.18 0.00	50.79 1.26 0.00
CH_RES_SYRACUSE 23985	42.66 -0.34 0.00	33.33 -0.32 0.00	32.95 -0.33 0.00	31.51 -0.32 0.00	29.44 -0.28 0.00	36.44 -0.24 0.00	43.66 -0.29 0.00	42.10 -0.22 0.00	43.70 -0.24 0.00	42.49 -0.32 0.00	38.74 -0.27 0.00	44.06 -0.10 0.00	45.21 0.08 0.00	45.22 0.18 0.00	47.02 0.26 0.00	51.12 0.31 0.00	45.96 0.48 -0.01	53.04 0.83 -1.45	49.94 0.83 -1.33	53.21 0.87 -2.11	73.97 0.67 -6.47	77.11 0.53 -5.70	61.79 0.32 -3.01	49.64 0.10 -0.01
CLINTON_WT_PWR 323605	43.68 0.68 0.00	34.24 0.59 0.00	33.77 0.48 0.00	32.32 0.48 0.00	30.17 0.46 0.00	37.17 0.49 0.00	44.62 0.66 0.00	42.58 0.25 0.00	44.25 0.31 0.00	43.16 0.35 0.00	39.29 0.28 0.00	44.26 0.10 0.00	45.14 0.01 0.00	45.18 0.13 0.00	46.80 0.05 0.00	50.71 -0.10 0.00	44.89 -0.57 0.00	49.76 -1.00 0.00	47.13 -0.65 0.00	49.70 -0.53 0.00	66.78 -0.05 0.00	71.24 0.37 0.00	58.80 0.34 0.00	49.80 0.27 0.00
CLINTON___LFGE 323618	44.08 1.07 0.00	34.57 0.92 0.00	34.08 0.79 0.00	32.62 0.78 0.00	30.46 0.75 0.00	37.54 0.86 0.00	45.09 1.13 0.00	42.81 0.48 0.00	44.47 0.53 0.00	43.34 0.53 0.00	39.40 0.39 0.00	44.29 0.13 0.00	45.16 0.03 0.00	45.21 0.16 0.00	46.83 0.08 0.00	50.74 -0.07 0.00	44.94 -0.52 0.00	49.88 -0.88 0.00	47.32 -0.46 0.00	49.97 -0.25 0.00	67.18 0.35 0.00	71.66 0.78 0.00	59.07 0.61 0.00	50.00 0.47 0.00
COBBLENY_34_KV_TB1 80064	43.01 0.00 0.00	33.33 -0.33 0.00	32.91 -0.38 0.00	31.44 -0.40 0.00	29.46 -0.26 0.00	36.57 -0.11 0.00	42.83 -1.13 0.00	40.95 -1.38 0.00	42.79 -1.15 0.00	42.21 -0.60 0.00	38.97 -0.04 0.00	46.15 1.99 0.00	48.08 2.95 0.00	48.27 3.23 0.00	49.90 3.15 0.00	54.07 3.27 0.00	48.23 2.77 0.00	54.25 3.50 0.00	50.80 3.02 0.00	53.32 3.10 0.00	69.39 2.56 0.00	73.76 2.89 0.00	61.64 3.17 0.00	52.24 2.71 0.00
COFFEEN___115KV_TB3 355620	46.28 3.28 0.00	36.05 2.40 0.00	35.57 2.29 0.00	33.96 2.12 0.00	31.74 2.03 0.00	39.40 2.73 0.00	47.22 3.26 0.00	45.54 3.21 0.00	47.12 3.18 0.00	45.28 2.47 0.00	40.96 1.96 0.00	46.18 2.02 0.00	46.74 1.62 0.00	46.86 1.82 0.00	48.46 1.71 0.00	52.51 1.70 0.00	47.15 1.68 -0.01	54.18 2.24 -1.18	51.96 3.09 -1.08	56.32 4.37 -1.71	79.06 6.98 -5.25	83.19 7.69 -4.63	66.78 5.87 -2.44	53.90 4.36 0.00
COLDSPRG_115KV_BK1 355956	43.69 0.69 0.00	33.75 0.10 0.00	33.30 0.02 0.00	31.89 0.05 0.00	29.92 0.21 0.00	37.22 0.54 0.00	44.09 0.13 0.00	40.90 -1.43 0.00	42.93 -1.01 0.00	43.63 0.82 0.00	40.46 1.45 0.00	47.72 3.56 0.00	49.68 4.55 0.00	49.39 4.35 0.00	50.70 3.95 0.00	54.12 3.31 0.00	48.21 2.74 0.00	54.08 3.32 0.00	50.59 2.80 0.00	53.03 2.80 0.00	68.99 2.16 0.00	73.42 2.55 0.00	61.97 3.51 0.00	52.73 3.20 0.00
COLONIE_LFGE___ 323577	43.90 0.90 0.00	34.42 0.76 0.00	34.14 0.85 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.73 1.05 0.00	45.13 1.05 -0.13	43.34 1.02 0.00	44.87 0.93 0.00	43.58 0.77 0.00	39.56 0.55 0.00	44.45 0.42 0.13	45.42 0.29 0.00	19.21 0.15 25.98	44.71 0.16 2.20	51.36 0.56 0.00	46.29 0.83 0.00	52.25 1.49 0.00	49.05 1.26 0.00	51.49 1.26 0.00	68.17 1.35 0.00	71.84 0.97 0.00	59.18 0.72 0.00	50.27 0.74 0.00
COOPERNY_115KV_TB1 80082	43.50 0.49 0.00	34.05 0.39 0.00	33.61 0.32 0.00	32.09 0.25 0.00	29.95 0.24 0.00	37.09 0.40 0.00	44.39 0.44 0.00	42.78 0.45 0.00	44.51 0.57 0.00	43.55 0.74 0.00	39.84 0.83 0.00	45.15 0.92 -0.07	46.05 0.92 0.00	58.86 0.84 -12.97	48.78 0.93 -1.10	51.88 1.07 0.00	46.88 1.42 0.00	52.51 1.75 0.00	49.07 1.29 0.00	51.30 1.07 0.00	67.72 0.90 0.00	71.50 0.63 0.00	58.91 0.45 0.00	49.92 0.38 0.00
COPENHAGEN_WT_PWR 323753	45.61 2.60 0.00	35.55 1.90 0.00	35.09 1.81 0.00	33.51 1.67 0.00	31.32 1.60 0.00	38.85 2.17 0.00	46.56 2.60 0.00	44.92 2.59 0.00	46.48 2.54 0.00	44.73 1.92 0.00	40.50 1.49 0.00	45.72 1.56 0.00	46.40 1.27 0.00	46.49 1.44 0.00	48.10 1.34 0.00	52.15 1.34 0.00	46.75 1.27 -0.01	53.70 1.71 -1.23	51.35 2.43 -1.13	55.52 3.49 -1.79	77.92 5.60 -5.49	81.93 6.23 -4.84	65.79 4.77 -2.55	53.06 3.52 -0.01
CORNELL_____ 23752	43.59 0.59 0.00	34.01 0.36 0.00	33.57 0.29 0.00	32.11 0.27 0.00	30.00 0.29 0.00	37.17 0.50 0.00	44.54 0.58 0.00	42.82 0.49 0.00	44.36 0.42 0.00	43.11 0.30 0.00	39.24 0.23 0.00	44.61 0.45 0.00	45.81 0.68 0.00	45.84 0.79 0.00	47.74 0.99 0.00	51.76 0.95 0.00	46.62 1.15 -0.01	53.34 1.77 -0.80	50.48 1.96 -0.74	53.69 2.29 -1.17	72.96 2.54 -3.59	76.54 2.51 -3.16	62.03 1.90 -1.67	50.84 1.30 0.00

CORONA__69_KV_TB1 355595	44.77 1.77 0.00	34.99 1.34 0.00	34.48 1.20 0.00	32.83 0.99 0.00	30.69 0.98 0.00	38.10 1.43 0.00	45.40 1.45 0.00	43.91 1.58 0.00	45.71 1.77 0.00	44.85 2.04 0.00	41.44 2.44 0.00	46.59 2.33 -0.11	47.22 2.09 0.00	68.66 2.00 -21.61	50.88 2.29 -1.83	53.59 2.79 0.00	48.67 3.21 0.00	54.23 3.47 0.00	50.21 2.43 0.00	52.25 2.02 0.00	72.22 1.94 -3.46	74.04 1.78 -1.38	60.54 1.40 -0.68	51.25 1.20 -0.51
CORTLAND__115KV_TB3 80093	43.21 0.20 0.00	33.72 0.07 0.00	33.32 0.04 0.00	31.87 0.03 0.00	29.77 0.05 0.00	36.86 0.19 0.00	44.17 0.21 0.00	42.52 0.19 0.00	44.14 0.20 0.00	42.91 0.10 0.00	39.13 0.12 0.00	44.50 0.34 0.00	45.65 0.52 0.00	45.63 0.58 0.00	47.48 0.73 0.00	51.51 0.70 0.00	46.39 0.92 -0.01	52.99 1.39 -0.84	49.96 1.41 -0.77	53.03 1.58 -1.22	72.17 1.61 -3.74	75.71 1.54 -3.29	61.33 1.12 -1.74	50.26 0.72 0.00
COXSACKIE__GT 23611	44.16 1.16 0.00	34.53 0.88 0.00	34.27 0.99 0.00	32.86 1.02 0.00	30.69 0.98 0.00	37.94 1.27 0.00	45.23 1.31 0.04	43.68 1.35 0.00	45.18 1.24 0.00	43.76 0.95 0.00	39.49 0.48 0.00	36.34 0.07 7.89	45.08 -0.05 0.00	37.44 -0.03 7.57	46.17 0.06 0.64	51.19 0.38 0.00	46.18 0.72 0.00	52.48 1.73 0.00	49.83 2.05 0.00	52.71 2.49 0.00	69.93 3.10 0.00	73.63 2.75 0.00	60.41 1.95 0.00	51.00 1.47 0.00
CPV__VALLEY__CC1 323721	43.44 0.43 0.00	34.02 0.37 0.00	33.59 0.30 0.00	32.08 0.24 0.00	29.94 0.22 0.00	37.07 0.39 0.00	44.36 0.40 0.00	42.78 0.45 0.00	44.52 0.58 0.00	43.56 0.75 0.00	39.87 0.86 0.00	45.16 0.92 -0.08	45.98 0.85 0.00	62.34 0.75 -16.55	48.99 0.84 -1.40	51.85 1.05 0.00	46.95 1.49 0.00	52.57 1.82 0.00	49.02 1.24 0.00	51.17 0.94 0.00	67.49 0.66 0.00	71.17 0.30 0.00	58.63 0.17 0.00	49.72 0.19 0.00
CPV__VALLEY__CC2 323722	43.44 0.43 0.00	34.02 0.37 0.00	33.59 0.30 0.00	32.08 0.24 0.00	29.94 0.22 0.00	37.07 0.39 0.00	44.36 0.40 0.00	42.78 0.45 0.00	44.52 0.58 0.00	43.56 0.75 0.00	39.87 0.86 0.00	45.16 0.92 -0.08	45.98 0.85 0.00	62.34 0.75 -16.55	48.99 0.84 -1.40	51.85 1.05 0.00	46.95 1.49 0.00	52.57 1.82 0.00	49.02 1.24 0.00	51.17 0.94 0.00	67.49 0.66 0.00	71.17 0.30 0.00	58.63 0.17 0.00	49.72 0.19 0.00
CRESCENT__HYD 24018	43.90 0.90 0.00	34.42 0.76 0.00	34.14 0.85 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.73 1.05 0.00	45.13 1.05 -0.13	43.34 1.02 0.00	44.87 0.93 0.00	43.58 0.77 0.00	39.56 0.55 0.00	44.45 0.42 0.13	45.42 0.29 0.00	19.21 0.15 25.98	44.71 0.16 2.20	51.36 0.56 0.00	46.29 0.83 0.00	52.25 1.49 0.00	49.05 1.26 0.00	51.49 1.26 0.00	68.17 1.35 0.00	71.84 0.97 0.00	59.18 0.72 0.00	50.27 0.74 0.00
CRICKET__VALLEY_CC1 323756	43.49 0.48 0.00	34.10 0.45 0.00	33.66 0.38 0.00	32.16 0.31 0.00	30.01 0.30 0.00	37.16 0.48 0.00	44.42 0.46 0.00	42.93 0.60 0.00	44.62 0.68 0.00	43.57 0.76 0.00	39.80 0.79 0.00	43.48 0.69 1.38	45.70 0.58 0.00	-227.34 0.38 272.77	24.08 0.45 23.12	51.59 0.78 0.00	46.80 1.34 0.00	52.60 1.85 0.00	49.02 1.24 0.00	51.12 0.89 0.00	67.43 0.61 0.00	70.96 0.09 0.00	58.36 -0.11 0.00	49.60 0.07 0.00
CRICKET__VALLEY_CC2 323757	43.49 0.48 0.00	34.10 0.45 0.00	33.66 0.38 0.00	32.16 0.31 0.00	30.01 0.30 0.00	37.16 0.48 0.00	44.42 0.46 0.00	42.93 0.60 0.00	44.62 0.68 0.00	43.57 0.76 0.00	39.80 0.79 0.00	43.48 0.69 1.38	45.70 0.58 0.00	-227.34 0.38 272.77	24.08 0.45 23.12	51.59 0.78 0.00	46.80 1.34 0.00	52.60 1.85 0.00	49.02 1.24 0.00	51.12 0.89 0.00	67.43 0.61 0.00	70.96 0.09 0.00	58.36 -0.11 0.00	49.60 0.07 0.00
CRICKET__VALLEY_CC3 323758	43.49 0.48 0.00	34.10 0.45 0.00	33.66 0.38 0.00	32.16 0.31 0.00	30.01 0.30 0.00	37.16 0.48 0.00	44.42 0.46 0.00	42.93 0.60 0.00	44.62 0.68 0.00	43.57 0.76 0.00	39.80 0.79 0.00	43.48 0.69 1.38	45.70 0.58 0.00	-227.34 0.38 272.77	24.08 0.45 23.12	51.59 0.78 0.00	46.80 1.34 0.00	52.60 1.85 0.00	49.02 1.24 0.00	51.12 0.89 0.00	67.43 0.61 0.00	70.96 0.09 0.00	58.36 -0.11 0.00	49.60 0.07 0.00
CRUCIBLE__METL_DRP 24180	42.67 -0.34 0.00	33.33 -0.32 0.00	32.95 -0.33 0.00	31.51 -0.33 0.00	29.44 -0.28 0.00	36.44 -0.24 0.00	43.66 -0.29 0.00	42.10 -0.22 0.00	43.70 -0.24 0.00	42.49 -0.32 0.00	38.73 -0.27 0.00	44.06 -0.10 0.00	45.21 0.08 0.00	45.23 0.18 0.00	47.01 0.26 0.00	51.12 0.31 0.00	45.95 0.48 -0.01	53.04 0.83 -1.45	49.94 0.82 -1.33	53.20 0.86 -2.11	73.96 0.66 -6.47	77.11 0.53 -5.70	61.79 0.32 -3.01	49.64 0.10 -0.01
DAHOWA__HYDRO 323763	44.78 1.77 0.00	35.05 1.40 0.00	34.72 1.44 0.00	33.21 1.36 0.00	31.03 1.31 0.00	38.39 1.72 0.00	45.91 1.89 -0.06	44.18 1.85 0.00	45.70 1.76 0.00	44.31 1.50 0.00	40.07 1.06 0.00	44.92 0.87 0.11	45.90 0.77 0.00	24.51 0.67 21.20	45.77 0.81 1.80	52.22 1.41 0.00	47.19 1.73 0.00	53.53 2.77 0.00	50.58 2.80 0.00	53.18 2.95 0.00	70.41 3.58 0.00	73.80 2.93 0.00	60.67 2.21 0.00	51.45 1.91 0.00
DANC__LFGE 323619	44.30 1.29 0.00	34.58 0.92 0.00	34.14 0.86 0.00	32.62 0.78 0.00	30.48 0.76 0.00	37.77 1.10 0.00	45.28 1.32 0.00	43.67 1.35 0.00	45.24 1.29 0.00	43.68 0.87 0.00	39.60 0.59 0.00	44.79 0.63 0.00	45.62 0.49 0.00	45.67 0.62 0.00	47.32 0.56 0.00	51.30 0.50 0.00	46.02 0.55 -0.01	53.20 0.92 -1.52	50.59 1.41 -1.40	54.52 2.07 -2.22	76.87 3.24 -6.80	80.47 3.61 -5.99	64.36 2.74 -3.16	51.48 1.94 -0.01
DANSKAMMER__1 23586	44.37 1.36 0.00	34.73 1.07 0.00	34.28 1.00 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.83 1.15 0.00	45.26 1.31 0.00	43.70 1.38 0.00	45.50 1.56 0.00	44.57 1.76 0.00	40.83 1.82 0.00	46.18 1.94 -0.09	46.96 1.84 0.00	63.90 1.77 -17.09	50.10 1.90 -1.45	53.13 2.33 0.00	48.21 2.75 0.00	54.10 3.34 0.00	50.38 2.60 0.00	52.52 2.29 0.00	69.18 2.35 0.00	72.83 1.96 0.00	59.90 1.43 0.00	50.77 1.24 0.00
DANSKAMMER__2 23589	44.37 1.36 0.00	34.73 1.07 0.00	34.28 1.00 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.83 1.15 0.00	45.26 1.31 0.00	43.70 1.38 0.00	45.50 1.56 0.00	44.57 1.76 0.00	40.83 1.82 0.00	46.18 1.94 -0.09	46.96 1.84 0.00	63.90 1.77 -17.09	50.10 1.90 -1.45	53.13 2.33 0.00	48.21 2.75 0.00	54.10 3.34 0.00	50.38 2.60 0.00	52.52 2.29 0.00	69.18 2.35 0.00	72.83 1.96 0.00	59.90 1.43 0.00	50.77 1.24 0.00
DANSKAMMER__3 23590	44.37 1.36 0.00	34.73 1.07 0.00	34.28 1.00 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.83 1.15 0.00	45.26 1.31 0.00	43.70 1.38 0.00	45.50 1.56 0.00	44.57 1.76 0.00	40.83 1.82 0.00	46.18 1.94 -0.09	46.96 1.84 0.00	63.90 1.77 -17.09	50.10 1.90 -1.45	53.13 2.33 0.00	48.21 2.75 0.00	54.10 3.34 0.00	50.38 2.60 0.00	52.52 2.29 0.00	69.18 2.35 0.00	72.83 1.96 0.00	59.90 1.43 0.00	50.77 1.24 0.00

DANSKAMMER___4 23591	44.37 1.36 0.00	34.73 1.07 0.00	34.28 1.00 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.83 1.15 0.00	45.26 1.31 0.00	43.70 1.38 0.00	45.50 1.56 0.00	44.57 1.76 0.00	40.83 1.82 0.00	46.18 1.94 -0.09	46.96 1.84 0.00	63.90 1.77 -17.09	50.10 1.90 -1.45	53.13 2.33 0.00	48.21 2.75 0.00	54.10 3.34 0.00	50.38 2.60 0.00	52.52 2.29 0.00	69.18 2.35 0.00	72.83 1.96 0.00	59.90 1.43 0.00	50.77 1.24 0.00
DANSKAMMER___DIESEL 23592	44.36 1.36 0.00	34.73 1.07 0.00	34.28 0.99 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.83 1.15 0.00	45.26 1.31 0.00	43.70 1.38 0.00	45.50 1.56 0.00	44.57 1.76 0.00	40.83 1.82 0.00	46.18 1.94 -0.09	46.96 1.84 0.00	63.90 1.76 -17.09	50.10 1.90 -1.45	53.14 2.33 0.00	48.21 2.75 0.00	54.10 3.34 0.00	50.38 2.60 0.00	52.52 2.29 0.00	69.20 2.37 0.00	72.84 1.97 0.00	59.90 1.43 0.00	50.77 1.24 0.00
DARBY___SOLAR 323810	44.57 1.56 0.00	34.88 1.23 0.00	34.55 1.27 0.00	33.06 1.22 0.00	30.88 1.16 0.00	38.20 1.53 0.00	45.69 1.66 -0.07	43.94 1.61 0.00	45.44 1.50 0.00	44.08 1.27 0.00	39.89 0.88 0.00	44.72 0.67 0.11	45.72 0.59 0.00	23.49 0.48 22.04	45.47 0.59 1.87	51.95 1.14 0.00	46.94 1.48 0.00	53.19 2.44 0.00	50.20 2.42 0.00	52.78 2.56 0.00	69.91 3.08 0.00	73.34 2.47 0.00	60.32 1.86 0.00	51.17 1.64 0.00
DASHVILLE___HYD 23610	43.84 0.84 0.00	34.34 0.69 0.00	33.92 0.64 0.00	32.41 0.57 0.00	30.24 0.53 0.00	37.44 0.77 0.00	44.77 0.82 0.01	43.21 0.88 0.00	44.97 1.03 0.00	44.02 1.21 0.00	40.32 1.31 0.00	43.61 1.30 1.85	46.28 1.15 0.00	56.26 1.09 -10.13	48.81 1.20 -0.86	52.25 1.44 0.00	47.39 1.93 0.00	53.16 2.40 0.00	49.54 1.76 0.00	51.70 1.47 0.00	68.17 1.35 0.00	71.83 0.95 0.00	59.13 0.66 0.00	50.14 0.60 0.00
DELAWARE___LFGE 323621	43.67 0.66 0.00	34.11 0.45 0.00	33.67 0.38 0.00	32.17 0.33 0.00	30.04 0.33 0.00	37.20 0.52 0.00	44.57 0.62 0.00	42.88 0.55 0.00	44.60 0.66 0.00	43.61 0.80 0.00	39.85 0.84 0.00	45.25 1.10 0.00	46.36 1.23 0.00	46.27 1.23 0.00	48.11 1.36 0.00	52.05 1.24 0.00	46.91 1.45 0.00	52.88 1.83 -0.29	49.60 1.55 -0.26	52.16 1.51 -0.42	69.57 1.46 -1.29	73.38 1.37 -1.13	60.21 1.15 -0.60	50.45 0.91 0.00
DERFIELD_115KV_TB7 355931	42.97 -0.04 0.00	33.62 -0.03 0.00	33.27 -0.02 0.00	31.83 -0.01 0.00	29.71 0.00 0.00	36.69 0.02 0.00	43.95 -0.01 0.00	42.34 0.01 0.00	43.94 0.00 0.00	42.77 -0.04 0.00	38.97 -0.04 0.00	44.07 -0.09 0.00	45.04 -0.09 0.00	44.95 -0.09 0.00	46.66 -0.09 0.00	50.76 -0.05 0.00	45.56 0.09 0.00	51.01 0.25 0.00	47.97 0.19 0.00	50.42 0.20 0.00	66.93 0.10 0.00	70.86 -0.01 0.00	58.41 -0.06 0.00	49.48 -0.05 0.00
DOGLEVILLE___HYD 23807	42.86 -0.14 0.00	33.45 -0.21 0.00	33.11 -0.17 0.00	31.73 -0.11 0.00	29.62 -0.09 0.00	36.80 0.12 0.00	43.86 -0.10 0.00	42.27 -0.05 0.00	43.56 -0.38 0.00	41.97 -0.84 0.00	37.81 -1.20 0.00	42.37 -1.79 0.00	43.39 -1.75 0.00	43.13 -1.91 0.00	45.00 -1.75 0.00	49.30 -1.51 0.00	44.52 -0.94 0.00	50.86 0.10 0.00	48.37 0.59 0.00	51.21 0.98 0.00	67.64 0.82 0.00	71.13 0.26 0.00	58.10 -0.36 0.00	49.06 -0.48 0.00
DUNKIRK___115KV_TB_200 55889	43.12 0.12 0.00	33.32 -0.34 0.00	32.90 -0.38 0.00	31.49 -0.35 0.00	29.52 -0.19 0.00	36.72 0.04 0.00	43.15 -0.81 0.00	41.08 -1.25 0.00	42.98 -0.97 0.00	42.52 -0.29 0.00	39.33 0.33 0.00	46.33 2.17 0.00	48.29 3.16 0.00	48.33 3.28 0.00	50.05 3.30 0.00	53.78 2.97 0.00	48.04 2.58 0.00	54.17 3.42 0.00	50.79 3.00 0.00	53.43 3.20 0.00	69.48 2.66 0.00	74.00 3.12 0.00	61.92 3.46 0.00	52.43 2.90 0.00
DUNKIRK___1 23563	43.12 0.12 0.00	33.32 -0.34 0.00	32.90 -0.38 0.00	31.49 -0.35 0.00	29.52 -0.19 0.00	36.72 0.04 0.00	43.15 -0.81 0.00	41.08 -1.25 0.00	42.98 -0.97 0.00	42.52 -0.29 0.00	39.33 0.33 0.00	46.33 2.17 0.00	48.29 3.16 0.00	48.33 3.28 0.00	50.05 3.30 0.00	53.78 2.97 0.00	48.04 2.58 0.00	54.17 3.42 0.00	50.79 3.00 0.00	53.43 3.20 0.00	69.48 2.66 0.00	74.00 3.12 0.00	61.92 3.46 0.00	52.43 2.90 0.00
DUNKIRK___2 23564	43.12 0.12 0.00	33.32 -0.34 0.00	32.90 -0.38 0.00	31.49 -0.35 0.00	29.52 -0.19 0.00	36.72 0.04 0.00	43.15 -0.81 0.00	41.08 -1.25 0.00	42.98 -0.97 0.00	42.52 -0.29 0.00	39.33 0.33 0.00	46.33 2.17 0.00	48.29 3.16 0.00	48.33 3.28 0.00	50.05 3.30 0.00	53.78 2.97 0.00	48.04 2.58 0.00	54.17 3.42 0.00	50.79 3.00 0.00	53.43 3.20 0.00	69.48 2.66 0.00	74.00 3.12 0.00	61.92 3.46 0.00	52.43 2.90 0.00
DUNKIRK___3 23565	42.95 -0.05 0.00	33.23 -0.42 0.00	32.81 -0.47 0.00	31.39 -0.45 0.00	29.42 -0.30 0.00	36.59 -0.09 0.00	42.98 -0.98 0.00	40.93 -1.40 0.00	42.79 -1.15 0.00	42.33 -0.48 0.00	39.15 0.14 0.00	46.17 2.01 0.00	48.09 2.96 0.00	48.12 3.08 0.00	49.86 3.10 0.00	53.63 2.82 0.00	47.90 2.44 0.00	53.98 3.22 0.00	50.58 2.80 0.00	53.16 2.94 0.00	69.17 2.35 0.00	73.64 2.76 0.00	61.62 3.15 0.00	52.20 2.67 0.00
DUNKIRK___4 23566	42.95 -0.05 0.00	33.23 -0.42 0.00	32.81 -0.47 0.00	31.39 -0.45 0.00	29.42 -0.30 0.00	36.59 -0.09 0.00	42.98 -0.98 0.00	40.93 -1.40 0.00	42.79 -1.15 0.00	42.33 -0.48 0.00	39.15 0.14 0.00	46.17 2.01 0.00	48.09 2.96 0.00	48.12 3.08 0.00	49.86 3.10 0.00	53.63 2.82 0.00	47.90 2.44 0.00	53.98 3.22 0.00	50.58 2.80 0.00	53.16 2.94 0.00	69.17 2.35 0.00	73.64 2.76 0.00	61.62 3.15 0.00	52.20 2.67 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.24 1.23 0.00	34.67 1.02 0.00	34.21 0.93 0.00	32.62 0.78 0.00	30.44 0.73 0.00	37.74 1.06 0.00	45.16 1.20 0.00	43.61 1.29 0.00	45.42 1.48 0.00	44.53 1.72 0.00	40.85 1.85 0.00	46.24 1.97 -0.11	46.99 1.86 0.00	68.32 1.67 -21.61	50.40 1.81 -1.83	52.97 2.16 0.00	48.06 2.60 0.00	53.75 3.00 0.00	49.93 2.14 0.00	51.98 1.76 0.00	68.46 1.64 0.00	72.11 1.24 0.00	59.40 0.94 0.00	50.45 0.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.02 1.02 0.00	34.47 0.81 0.00	34.02 0.73 0.00	32.46 0.62 0.00	30.30 0.58 0.00	37.54 0.86 0.00	44.91 0.95 0.00	43.35 1.02 0.00	45.12 1.18 0.00	44.19 1.38 0.00	40.48 1.47 0.00	45.80 1.56 -0.09	46.59 1.46 0.00	63.47 1.37 -17.06	49.69 1.49 -1.45	52.65 1.84 0.00	47.76 2.30 0.00	53.53 2.77 0.00	49.87 2.09 0.00	52.02 1.79 0.00	68.57 1.74 0.00	72.24 1.36 0.00	59.44 0.98 0.00	50.38 0.85 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.35 1.35 0.00	34.82 1.17 0.00	34.27 0.99 0.00	32.69 0.85 0.00	30.55 0.84 0.00	37.88 1.20 0.00	45.33 1.38 0.00	43.78 1.45 0.00	45.69 1.75 0.00	44.77 1.96 0.00	40.99 1.98 0.00	46.27 2.00 -0.11	46.99 1.86 0.00	68.37 1.72 -21.61	50.42 1.83 -1.83	53.02 2.21 0.00	48.16 2.70 0.00	53.58 2.82 0.00	49.78 2.00 0.00	51.79 1.56 0.00	68.23 1.40 0.00	71.91 1.04 0.00	59.36 0.90 0.00	50.53 1.00 0.00

E179THST_13_KV_LOAD 356214	44.63 1.62 0.00	35.02 1.37 0.00	34.47 1.19 0.00	32.87 1.03 0.00	30.72 1.01 0.00	38.09 1.42 0.00	45.59 1.63 0.00	44.03 1.70 0.00	45.95 2.01 0.00	45.04 2.23 0.00	41.24 2.23 0.00	46.58 2.31 -0.11	47.31 2.18 0.00	68.71 2.05 -21.61	50.75 2.17 -1.83	53.39 2.58 0.00	48.49 3.03 0.00	53.97 3.21 0.00	50.12 2.34 0.00	52.15 1.92 0.00	68.70 1.88 0.00	72.41 1.54 0.00	59.77 1.31 0.00	50.87 1.33 0.00
EAST HAMPTON___GT 23717	46.56 3.55 0.00	36.07 2.42 0.00	35.54 2.26 0.00	33.81 1.97 0.00	31.60 1.89 0.00	39.22 2.55 0.00	46.51 2.56 0.00	45.31 2.99 0.00	47.32 3.38 0.00	46.43 3.62 0.00	43.24 4.23 0.00	48.60 4.33 -0.11	49.16 4.03 0.00	70.30 3.64 -21.61	52.79 4.21 -1.83	55.73 4.93 0.01	50.73 5.27 0.00	56.09 5.80 0.47	51.92 4.33 0.19	53.95 3.72 0.00	62.07 3.90 8.66	55.55 3.78 19.10	47.85 2.54 13.16	41.64 1.98 9.88
EAST RIVER___6 23660	44.33 1.33 0.00	34.78 1.12 0.00	34.28 0.99 0.00	32.67 0.83 0.00	30.48 0.77 0.00	37.80 1.12 0.00	45.24 1.29 0.00	43.81 1.48 0.00	45.72 1.78 0.00	44.93 2.12 0.00	41.24 2.23 0.00	46.69 2.42 -0.11	47.43 2.30 0.00	68.74 2.10 -21.61	50.81 2.23 -1.83	53.42 2.61 0.00	48.51 3.05 0.00	54.17 3.42 0.00	50.25 2.47 0.00	52.24 2.01 0.00	68.76 1.93 0.00	72.36 1.49 0.00	59.61 1.15 0.00	50.62 1.09 0.00
EAST RIVER___7 23524	44.33 1.33 0.00	34.78 1.12 0.00	34.28 0.99 0.00	32.67 0.83 0.00	30.48 0.77 0.00	37.80 1.12 0.00	45.24 1.29 0.00	43.81 1.48 0.00	45.72 1.78 0.00	44.93 2.12 0.00	41.24 2.23 0.00	46.69 2.42 -0.11	47.43 2.30 0.00	68.74 2.10 -21.61	50.81 2.23 -1.83	53.42 2.61 0.00	48.51 3.05 0.00	54.17 3.42 0.00	50.25 2.47 0.00	52.24 2.01 0.00	68.76 1.93 0.00	72.36 1.49 0.00	59.61 1.15 0.00	50.62 1.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.13 1.12 0.00	34.59 0.93 0.00	34.13 0.85 0.00	32.54 0.70 0.00	30.37 0.66 0.00	37.66 0.98 0.00	45.05 1.09 0.00	43.49 1.16 0.00	45.31 1.36 0.00	44.41 1.60 0.00	40.72 1.72 0.00	46.10 1.83 -0.11	46.85 1.72 0.00	68.15 1.55 -21.56	50.27 1.69 -1.83	52.84 2.03 0.00	47.93 2.47 0.00	53.63 2.87 0.00	49.83 2.05 0.00	51.88 1.66 0.00	68.36 1.54 0.00	72.01 1.13 0.00	59.29 0.83 0.00	50.35 0.81 0.00
EAST_HAMPTON___DIESEL 23722	46.58 3.58 0.00	36.10 2.44 0.00	35.56 2.27 0.00	33.82 1.98 0.00	31.61 1.90 0.00	39.23 2.56 0.00	46.54 2.58 0.00	45.33 3.00 0.00	47.33 3.39 0.00	46.45 3.64 0.00	43.26 4.25 0.00	48.63 4.37 -0.11	49.18 4.05 0.00	70.33 3.66 -21.61	52.83 4.24 -1.83	55.77 4.96 0.01	50.77 5.30 0.00	56.10 5.82 0.47	51.92 4.33 0.19	53.96 3.73 0.00	62.07 3.90 8.66	55.53 3.75 19.10	47.81 2.50 13.16	41.61 1.95 9.88
EAST_POINT___SOLAR 323840	46.03 3.03 0.00	35.89 2.23 0.00	35.37 2.09 0.00	33.75 1.90 0.00	31.50 1.79 0.00	39.00 2.33 0.00	46.86 2.90 0.00	44.75 2.42 0.00	45.87 1.93 0.00	44.08 1.27 0.00	39.41 0.40 0.00	44.42 0.32 0.06	45.56 0.43 0.00	33.05 0.58 12.57	46.42 0.73 1.07	51.69 0.88 0.00	46.54 1.08 0.00	52.61 1.85 0.00	50.66 2.87 0.00	54.42 4.19 0.00	72.75 5.92 0.00	77.07 6.19 0.00	63.47 5.01 0.00	53.52 3.99 0.00
EAST_PULASKI___ESR 323781	43.01 0.01 0.00	33.61 -0.04 0.00	33.22 -0.07 0.00	31.75 -0.09 0.00	29.67 -0.04 0.00	36.74 0.06 0.00	44.04 0.08 0.00	42.47 0.14 0.00	44.03 0.09 0.00	42.64 -0.17 0.00	38.70 -0.31 0.00	43.84 -0.32 0.00	44.80 -0.33 0.00	44.80 -0.24 0.00	46.50 -0.26 0.00	50.46 -0.35 0.00	45.32 -0.15 -0.02	53.11 0.14 -2.22	50.20 0.38 -2.04	54.14 0.67 -3.24	77.66 0.90 -9.93	80.59 0.97 -8.74	63.73 0.66 -4.61	49.84 0.30 -0.01
EAST_RIVER___1 323558	44.37 1.36 0.00	34.79 1.13 0.00	34.30 1.02 0.00	32.69 0.85 0.00	30.50 0.79 0.00	37.83 1.15 0.00	45.28 1.32 0.00	43.77 1.45 0.00	45.67 1.73 0.00	44.83 2.02 0.00	41.15 2.14 0.00	46.58 2.31 -0.11	47.31 2.18 0.00	68.63 1.98 -21.61	50.70 2.12 -1.83	53.29 2.48 0.00	48.38 2.92 0.00	54.05 3.29 0.00	50.14 2.36 0.00	52.12 1.89 0.00	68.62 1.79 0.00	72.25 1.37 0.00	59.52 1.05 0.00	50.57 1.03 0.00
EAST_RIVER___2 323559	44.33 1.33 0.00	34.78 1.12 0.00	34.28 0.99 0.00	32.67 0.83 0.00	30.48 0.77 0.00	37.80 1.12 0.00	45.24 1.29 0.00	43.81 1.48 0.00	45.72 1.78 0.00	44.93 2.12 0.00	41.24 2.23 0.00	46.69 2.42 -0.11	47.43 2.30 0.00	68.74 2.10 -21.61	50.81 2.23 -1.83	53.42 2.61 0.00	48.51 3.05 0.00	54.17 3.42 0.00	50.25 2.47 0.00	52.24 2.01 0.00	68.76 1.93 0.00	72.36 1.49 0.00	59.61 1.15 0.00	50.62 1.09 0.00
EAST___DELAWARE_HYD 23607	43.45 0.45 0.00	33.97 0.32 0.00	33.49 0.20 0.00	31.96 0.12 0.00	29.82 0.11 0.00	36.94 0.26 0.00	44.23 0.28 0.00	42.69 0.36 0.00	44.46 0.52 0.00	43.57 0.76 0.00	39.90 0.89 0.00	44.33 0.71 0.54	45.79 0.66 0.00	59.16 0.48 -13.64	47.41 -0.50 -1.16	50.49 -0.32 0.00	45.89 0.43 0.00	51.58 0.82 0.00	48.18 0.40 0.00	50.50 0.27 0.00	67.57 0.74 0.00	71.70 0.83 0.00	58.93 0.46 0.00	49.85 0.32 0.00
EIGHT_POINT___WT_PWR 323820	43.34 0.34 0.00	33.74 0.08 0.00	33.30 0.02 0.00	31.88 0.04 0.00	29.84 0.12 0.00	37.09 0.42 0.00	43.96 0.00 0.00	41.77 -0.56 0.00	43.31 -0.63 0.00	42.48 -0.33 0.00	38.98 -0.03 0.00	45.24 1.08 0.00	46.85 1.72 0.00	46.86 1.82 0.00	48.74 1.98 0.00	52.60 1.79 0.00	47.29 1.83 0.00	53.65 2.55 -0.35	50.33 2.23 -0.32	53.34 2.61 -0.51	70.67 2.29 -1.55	74.74 2.51 -1.36	61.54 2.35 -0.72	51.42 1.88 0.00
ELBRIDGE_115KV_TB2 80188	42.46 -0.55 0.00	33.19 -0.47 0.00	32.81 -0.48 0.00	31.36 -0.48 0.00	29.30 -0.41 0.00	36.28 -0.39 0.00	43.44 -0.52 0.00	41.89 -0.44 0.00	43.48 -0.47 0.00	42.27 -0.54 0.00	38.54 -0.47 0.00	43.81 -0.36 0.00	44.99 -0.14 0.00	45.02 -0.02 0.00	46.80 0.05 0.00	50.86 0.05 0.00	45.67 0.20 -0.01	52.85 0.56 -1.53	49.77 0.58 -1.41	53.08 0.62 -2.23	74.00 0.33 -6.84	77.09 0.19 -6.02	61.71 0.07 -3.18	49.45 -0.09 -0.01
ELEC_TRO_TEK 24086	44.41 1.41 0.00	34.75 1.09 0.00	34.25 0.97 0.00	32.62 0.78 0.00	30.50 0.78 0.00	37.87 1.19 0.00	45.12 1.17 0.00	43.65 1.33 0.00	45.46 1.52 0.00	44.58 1.77 0.00	41.16 2.16 0.00	46.26 1.99 -0.11	46.84 1.71 0.00	68.25 1.60 -21.61	50.46 1.87 -1.83	53.10 2.29 0.00	48.24 2.77 0.00	53.80 3.04 0.00	49.80 2.02 0.00	51.81 1.58 0.00	67.70 1.36 0.49	70.18 1.13 1.82	58.01 0.82 1.28	49.31 0.74 0.96
ELLENBURG_WT_PWR 323604	43.68 0.68 0.00	34.24 0.59 0.00	33.77 0.48 0.00	32.32 0.48 0.00	30.17 0.46 0.00	37.17 0.49 0.00	44.62 0.66 0.00	42.58 0.25 0.00	44.25 0.31 0.00	43.16 0.35 0.00	39.29 0.28 0.00	44.26 0.10 0.00	45.14 0.01 0.00	45.18 0.13 0.00	46.80 0.05 0.00	50.71 -0.10 0.00	44.89 -0.57 0.00	49.76 -1.00 0.00	47.13 -0.65 0.00	49.70 -0.53 0.00	66.78 -0.05 0.00	71.24 0.37 0.00	58.80 0.34 0.00	49.80 0.27 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.76 -0.24 0.00	33.14 -0.51 0.00	32.74 -0.55 0.00	31.28 -0.56 0.00	29.32 -0.39 0.00	36.40 -0.28 0.00	42.59 -1.37 0.00	40.68 -1.65 0.00	42.47 -1.47 0.00	41.89 -0.92 0.00	38.72 -0.29 0.00	45.90 1.74 0.00	47.82 2.70 0.00	47.87 2.82 0.00	49.50 2.75 0.00	53.50 2.69 0.00	47.71 2.25 0.00	53.70 2.94 0.00	50.27 2.48 0.00	52.75 2.52 0.00	68.69 1.86 0.00	73.11 2.24 0.00	61.28 2.82 0.00	52.04 2.50 0.00
EMPIRE_CC_1 323656	43.00 0.00 0.00	33.75 0.10 0.00	33.63 0.35 0.00	32.22 0.38 0.00	30.08 0.37 0.00	37.12 0.44 0.00	44.07 0.20 0.09	42.51 0.18 0.00	44.02 0.08 0.00	42.83 0.02 0.00	38.86 -0.14 0.00	43.63 -0.36 0.17	44.55 -0.58 0.00	10.92 -0.71 33.41	43.16 -0.76 2.83	50.27 -0.54 0.00	45.29 -0.18 0.00	51.02 0.26 0.00	47.77 -0.01 0.00	50.10 -0.13 0.00	66.33 -0.49 0.00	69.96 -0.92 0.00	57.72 -0.75 0.00	49.11 -0.42 0.00
EMPIRE_CC_2 323658	43.00 0.00 0.00	33.75 0.10 0.00	33.63 0.35 0.00	32.22 0.38 0.00	30.08 0.37 0.00	37.12 0.44 0.00	44.07 0.20 0.09	42.51 0.18 0.00	44.02 0.08 0.00	42.83 0.02 0.00	38.86 -0.14 0.00	43.63 -0.36 0.17	44.55 -0.58 0.00	10.92 -0.71 33.41	43.16 -0.76 2.83	50.27 -0.54 0.00	45.29 -0.18 0.00	51.02 0.26 0.00	47.77 -0.01 0.00	50.10 -0.13 0.00	66.33 -0.49 0.00	69.96 -0.92 0.00	57.72 -0.75 0.00	49.11 -0.42 0.00
ENORWICH_115KV_TB1 80156	45.58 2.58 0.00	35.52 1.86 0.00	35.04 1.75 0.00	33.51 1.67 0.00	31.35 1.63 0.00	38.88 2.21 0.00	46.69 2.73 0.00	44.80 2.47 0.00	46.26 2.32 0.00	45.06 2.25 0.00	41.05 2.04 0.00	46.74 2.58 0.00	48.03 2.90 0.00	47.97 2.93 0.00	50.06 3.31 0.00	54.29 3.48 0.00	49.17 3.71 0.00	56.09 4.72 -0.61	53.20 4.85 -0.56	56.57 5.45 -0.89	76.09 6.53 -2.74	79.85 6.56 -2.41	64.82 5.08 -1.27	53.23 3.70 0.00
ERIE_ST__34_KV_TB1-2 80199	43.05 0.04 0.00	33.31 -0.35 0.00	32.86 -0.42 0.00	31.39 -0.45 0.00	29.42 -0.29 0.00	36.53 -0.14 0.00	42.93 -1.03 0.00	41.49 -0.84 0.00	43.34 -0.60 0.00	42.73 -0.08 0.00	39.57 0.57 0.00	46.94 2.78 0.00	49.01 3.88 0.00	49.16 4.12 0.00	51.03 4.27 0.00	55.20 4.39 0.00	49.36 3.90 0.00	55.61 4.85 0.00	52.04 4.26 0.00	54.57 4.34 0.00	70.85 4.03 0.00	75.23 4.35 0.00	62.93 4.47 0.00	53.31 3.77 0.00
ERIE_WT_PWR 323693	43.01 0.00 0.00	33.31 -0.34 0.00	32.88 -0.40 0.00	31.42 -0.42 0.00	29.43 -0.28 0.00	36.57 -0.11 0.00	42.83 -1.13 0.00	41.03 -1.30 0.00	42.85 -1.09 0.00	42.24 -0.57 0.00	39.06 0.06 0.00	46.30 2.14 0.00	48.23 3.10 0.00	48.32 3.28 0.00	50.01 3.26 0.00	54.08 3.27 0.00	48.25 2.78 0.00	54.32 3.57 0.00	50.87 3.08 0.00	53.41 3.18 0.00	69.47 2.64 0.00	73.84 2.97 0.00	61.89 3.43 0.00	52.50 2.97 0.00
ESPRGFLD_115KV_TB1 80157	45.25 2.25 0.00	35.25 1.59 0.00	34.69 1.40 0.00	33.07 1.23 0.00	30.88 1.16 0.00	38.23 1.55 0.00	45.99 2.03 0.00	44.16 1.84 0.00	45.90 1.96 0.00	44.77 1.96 0.00	40.91 1.90 0.00	46.57 2.45 0.04	47.92 2.79 0.00	40.56 2.91 7.39	49.22 3.10 0.63	53.80 2.99 0.00	48.29 2.83 0.00	53.96 3.21 0.00	50.91 3.13 0.00	53.72 3.49 0.00	71.23 4.40 0.00	75.58 4.70 0.00	62.38 3.92 0.00	52.61 3.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.52 0.51 0.00	33.95 0.29 0.00	33.53 0.24 0.00	32.06 0.21 0.00	29.95 0.24 0.00	37.12 0.44 0.00	44.46 0.51 0.00	42.75 0.42 0.00	44.32 0.38 0.00	43.07 0.26 0.00	39.22 0.21 0.00	44.58 0.42 0.00	45.77 0.64 0.00	45.79 0.75 0.00	47.68 0.93 0.00	51.70 0.89 0.00	46.56 1.09 -0.01	53.27 1.68 -0.83	50.38 1.83 -0.76	53.58 2.14 -1.21	72.87 2.33 -3.71	76.43 2.29 -3.27	61.92 1.73 -1.72	50.73 1.20 0.00
ETNA____115KV_TB2 80207	43.52 0.51 0.00	33.95 0.29 0.00	33.53 0.24 0.00	32.06 0.21 0.00	29.95 0.24 0.00	37.12 0.44 0.00	44.46 0.51 0.00	42.75 0.42 0.00	44.32 0.38 0.00	43.07 0.26 0.00	39.22 0.21 0.00	44.58 0.42 0.00	45.77 0.64 0.00	45.79 0.75 0.00	47.68 0.93 0.00	51.70 0.89 0.00	46.56 1.09 -0.01	53.27 1.68 -0.83	50.38 1.83 -0.76	53.58 2.14 -1.21	72.87 2.33 -3.71	76.43 2.29 -3.27	61.92 1.73 -1.72	50.73 1.20 0.00
EUCLID___115KV_TB2 356179	42.19 -0.82 0.00	32.95 -0.71 0.00	32.59 -0.69 0.00	31.17 -0.67 0.00	29.11 -0.60 0.00	36.02 -0.65 0.00	43.17 -0.79 0.00	41.64 -0.69 0.00	43.24 -0.70 0.00	42.06 -0.75 0.00	38.33 -0.68 0.00	43.62 -0.54 0.00	44.73 -0.40 0.00	44.71 -0.33 0.00	46.45 -0.30 0.00	50.47 -0.34 0.00	45.38 -0.09 -0.01	51.55 0.11 -0.68	48.51 0.10 -0.62	51.29 0.08 -0.99	69.54 -0.31 -3.03	73.05 -0.49 -2.67	59.39 -0.48 -1.41	49.02 -0.52 0.00
E_CANADA_CAP_HY 24051	45.84 2.84 0.00	35.74 2.08 0.00	35.19 1.90 0.00	33.54 1.70 0.00	31.31 1.60 0.00	38.72 2.05 0.00	46.58 2.63 0.00	44.65 2.32 0.00	46.24 2.30 0.00	44.83 2.03 0.00	40.75 1.75 0.00	46.22 2.11 0.06	47.47 2.34 0.00	36.18 2.41 11.28	48.32 2.52 0.96	53.36 2.55 0.00	47.77 2.31 0.00	53.47 2.71 0.00	50.72 2.94 0.00	53.84 3.62 0.00	71.82 4.99 0.00	76.34 5.46 0.00	63.02 4.56 0.00	53.19 3.65 0.00
E_CANADA_MHWK_HY 24050	42.86 -0.14 0.00	33.45 -0.21 0.00	33.11 -0.17 0.00	31.73 -0.11 0.00	29.62 -0.09 0.00	36.80 0.12 0.00	43.86 -0.10 0.00	42.27 -0.05 0.00	43.56 -0.38 0.00	41.97 -0.84 0.00	37.81 -1.20 0.00	42.37 -1.79 0.00	43.39 -1.74 0.00	43.13 -1.91 0.00	45.01 -1.75 0.00	49.30 -1.51 0.00	44.52 -0.94 0.00	50.86 0.11 0.00	48.37 0.59 0.00	51.21 0.98 0.00	67.65 0.82 0.00	71.13 0.26 0.00	58.10 -0.36 0.00	49.06 -0.48 0.00
E_FISHKILL___LBMP 23776	43.82 0.82 0.00	34.35 0.69 0.00	33.92 0.64 0.00	32.38 0.54 0.00	30.22 0.50 0.00	37.43 0.76 0.00	44.77 0.81 0.00	43.21 0.89 0.00	44.97 1.03 0.00	44.01 1.19 0.00	40.27 1.27 0.00	45.57 1.30 -0.11	46.30 1.17 0.00	68.17 1.00 -22.13	49.74 1.11 -1.88	52.22 1.42 0.00	47.33 1.87 0.00	53.04 2.28 0.00	49.38 1.60 0.00	51.48 1.25 0.00	67.88 1.06 0.00	71.50 0.63 0.00	58.88 0.42 0.00	50.02 0.49 0.00
FALCON___SEABRD_CC1 323796	43.77 0.77 0.00	34.41 0.76 0.00	33.92 0.64 0.00	32.48 0.64 0.00	30.32 0.61 0.00	37.37 0.69 0.00	44.88 0.92 0.00	42.56 0.23 0.00	44.24 0.30 0.00	43.14 0.33 0.00	39.23 0.22 0.00	44.01 -0.15 0.00	44.86 -0.27 0.00	44.91 -0.13 0.00	46.52 -0.23 0.00	50.40 -0.40 0.00	44.63 -0.83 0.00	49.49 -1.27 0.00	46.90 -0.88 0.00	49.46 -0.77 0.00	66.49 -0.34 0.00	70.91 0.04 0.00	58.49 0.03 0.00	49.53 0.00 0.00
FALCON___SEABRD_CC2 323797	43.77 0.77 0.00	34.41 0.76 0.00	33.92 0.64 0.00	32.48 0.64 0.00	30.32 0.61 0.00	37.37 0.69 0.00	44.88 0.92 0.00	42.56 0.23 0.00	44.24 0.30 0.00	43.14 0.33 0.00	39.23 0.22 0.00	44.01 -0.15 0.00	44.86 -0.27 0.00	44.91 -0.13 0.00	46.52 -0.23 0.00	50.40 -0.40 0.00	44.63 -0.83 0.00	49.49 -1.27 0.00	46.90 -0.88 0.00	49.46 -0.77 0.00	66.49 -0.34 0.00	70.91 0.04 0.00	58.49 0.03 0.00	49.53 0.00 0.00

FAR ROCKAWAY___4 23548	45.22 2.22 0.00	35.33 1.67 0.00	34.80 1.52 0.00	33.11 1.27 0.00	30.96 1.25 0.00	38.45 1.77 0.00	45.81 1.85 0.00	44.31 1.98 0.00	46.13 2.19 0.00	45.31 2.50 0.00	41.91 2.90 0.00	47.10 2.84 -0.11	47.78 2.65 0.00	69.22 2.56 -21.61	51.48 2.90 -1.83	54.26 3.46 0.00	49.19 3.72 0.00	54.73 3.97 0.00	50.66 2.88 0.00	52.70 2.47 0.00	73.13 2.53 -3.78	75.19 2.63 -1.68	61.39 2.06 -0.87	51.92 1.73 -0.65
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.39 1.39 0.00	34.81 1.15 0.00	34.31 1.03 0.00	32.71 0.87 0.00	30.52 0.81 0.00	37.85 1.18 0.00	45.31 1.35 0.00	43.79 1.46 0.00	45.68 1.74 0.00	44.84 2.03 0.00	41.15 2.15 0.00	46.58 2.31 -0.11	47.30 2.17 0.00	68.63 1.97 -21.61	50.70 2.12 -1.83	53.28 2.47 0.00	48.38 2.92 0.00	54.05 3.29 0.00	50.12 2.34 0.00	52.13 1.90 0.00	68.62 1.80 0.00	72.26 1.39 0.00	59.53 1.07 0.00	50.58 1.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.41 1.40 0.00	34.82 1.16 0.00	34.33 1.05 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.86 1.18 0.00	45.32 1.36 0.00	43.79 1.47 0.00	45.68 1.74 0.00	44.85 2.04 0.00	41.16 2.15 0.00	46.58 2.31 -0.11	47.30 2.17 0.00	68.63 1.98 -21.61	50.71 2.13 -1.83	53.29 2.48 0.00	48.39 2.93 0.00	54.06 3.30 0.00	50.13 2.35 0.00	52.13 1.91 0.00	68.64 1.81 0.00	72.29 1.42 0.00	59.56 1.09 0.00	50.60 1.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.35 1.35 0.00	34.78 1.12 0.00	34.30 1.01 0.00	32.68 0.84 0.00	30.50 0.79 0.00	37.82 1.15 0.00	45.28 1.33 0.00	43.77 1.44 0.00	45.65 1.71 0.00	44.81 2.01 0.00	41.12 2.11 0.00	46.54 2.28 -0.11	47.27 2.14 0.00	68.59 1.94 -21.61	50.66 2.08 -1.83	53.24 2.43 0.00	48.34 2.88 0.00	54.00 3.25 0.00	50.08 2.30 0.00	52.08 1.85 0.00	68.57 1.74 0.00	72.19 1.32 0.00	59.47 1.01 0.00	50.54 1.01 0.00
FARRAGUT___LBMP 323566	44.32 1.31 0.00	34.75 1.10 0.00	34.27 0.99 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.80 1.12 0.00	45.24 1.28 0.00	43.72 1.40 0.00	45.59 1.65 0.00	44.77 1.96 0.00	41.07 2.07 0.00	46.49 2.22 -0.11	47.21 2.08 0.00	68.53 1.88 -21.61	50.58 2.00 -1.83	53.17 2.36 0.00	48.28 2.82 0.00	53.93 3.18 0.00	50.02 2.24 0.00	52.01 1.79 0.00	68.50 1.68 0.00	72.13 1.26 0.00	59.42 0.96 0.00	50.49 0.96 0.00
FENNER___WINDPWR 24204	43.82 0.82 0.00	34.21 0.56 0.00	33.81 0.53 0.00	32.33 0.49 0.00	30.19 0.48 0.00	37.38 0.70 0.00	44.81 0.85 0.00	43.17 0.84 0.00	44.80 0.86 0.00	43.46 0.65 0.00	39.59 0.59 0.00	44.94 0.78 0.00	46.01 0.88 0.00	45.97 0.93 0.00	47.77 1.02 0.00	51.94 1.14 0.00	46.74 1.28 0.00	53.17 1.77 -0.64	50.23 1.85 -0.59	53.26 2.10 -0.93	72.20 2.50 -2.87	75.87 2.47 -2.53	61.61 1.82 -1.33	50.86 1.32 0.00
FIBERTEK___ENERGY 23856	42.67 -0.34 0.00	33.33 -0.32 0.00	32.95 -0.33 0.00	31.51 -0.33 0.00	29.44 -0.28 0.00	36.44 -0.24 0.00	43.66 -0.29 0.00	42.10 -0.22 0.00	43.70 -0.24 0.00	42.49 -0.32 0.00	38.73 -0.27 0.00	44.06 -0.10 0.00	45.21 0.08 0.00	45.23 0.18 0.00	47.01 0.26 0.00	51.12 0.31 0.00	45.95 0.48 -0.01	53.04 0.83 -1.45	49.94 0.82 -1.33	53.20 0.86 -2.11	73.96 0.66 -6.47	77.11 0.53 -5.70	61.79 0.32 -3.01	49.64 0.10 -0.01
FITZPATRICK___ 23598	41.59 -1.41 0.00	32.52 -1.13 0.00	32.17 -1.12 0.00	30.76 -1.08 0.00	28.73 -0.99 0.00	35.52 -1.16 0.00	42.58 -1.37 0.00	41.09 -1.24 0.00	42.66 -1.28 0.00	41.47 -1.34 0.00	37.73 -1.27 0.00	42.85 -1.31 0.00	43.91 -1.22 0.00	43.87 -1.17 0.00	45.56 -1.20 0.00	49.50 -1.31 0.00	44.38 -1.02 0.07	41.67 -0.96 8.12	39.41 -0.90 7.48	37.43 -0.94 11.86	28.92 -1.56 36.34	37.11 -1.76 32.00	40.09 -1.49 16.89	48.15 -1.34 0.04
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.47 1.47 0.00	34.81 1.15 0.00	34.35 1.07 0.00	32.78 0.94 0.00	30.60 0.88 0.00	37.92 1.24 0.00	45.36 1.40 0.00	43.80 1.47 0.00	45.61 1.67 0.00	44.67 1.86 0.00	40.93 1.92 0.00	46.31 2.06 -0.09	47.09 1.97 0.00	64.49 1.91 -17.54	50.30 2.06 -1.49	53.32 2.51 0.00	48.37 2.91 0.00	54.28 3.53 0.00	50.54 2.76 0.00	52.68 2.45 0.00	69.40 2.57 0.00	73.05 2.18 0.00	60.06 1.60 0.00	50.90 1.37 0.00
FORT ORANGE___ 23900	42.85 -0.16 0.00	33.58 -0.08 0.00	33.35 0.07 0.00	31.99 0.15 0.00	29.87 0.16 0.00	36.89 0.21 0.00	43.87 -0.03 0.06	42.35 0.02 0.00	43.87 -0.07 0.00	42.66 -0.15 0.00	38.73 -0.28 0.00	42.25 -0.57 1.34	44.40 -0.72 0.00	27.92 -0.82 16.30	44.54 -0.83 1.38	50.19 -0.62 0.00	45.25 -0.21 0.00	50.98 0.22 0.00	47.89 0.11 0.00	50.31 0.08 0.00	66.63 -0.19 0.00	70.25 -0.62 0.00	57.87 -0.59 0.00	49.09 -0.44 0.00
FORT_DRUM_COGEN 23780	45.96 2.96 0.00	35.82 2.16 0.00	35.35 2.07 0.00	33.76 1.92 0.00	31.54 1.83 0.00	39.13 2.45 0.00	46.92 2.96 0.00	45.25 2.93 0.00	46.83 2.89 0.00	45.03 2.22 0.00	40.76 1.76 0.00	45.99 1.83 0.00	46.64 1.52 0.00	46.75 1.71 0.00	48.35 1.60 0.00	52.43 1.62 0.00	47.04 1.57 -0.01	53.92 2.05 -1.11	51.62 2.81 -1.02	55.81 3.96 -1.62	78.04 6.23 -4.98	82.18 6.92 -4.38	66.10 5.32 -2.31	53.48 3.94 0.00
FOX_HILLS___ESR 323835	44.44 1.44 0.00	34.91 1.25 0.00	34.35 1.06 0.00	32.72 0.88 0.00	30.55 0.83 0.00	37.89 1.21 0.00	45.28 1.33 0.00	43.71 1.39 0.00	45.50 1.56 0.00	44.71 1.90 0.00	41.09 2.08 0.00	46.35 2.07 -0.11	46.96 1.83 0.00	68.37 1.72 -21.61	50.46 1.88 -1.83	53.05 2.24 0.00	48.22 2.76 0.00	53.68 2.93 0.00	49.83 2.05 0.00	51.86 1.63 0.00	68.29 1.47 0.00	72.04 1.17 0.00	59.42 0.96 0.00	50.53 1.00 0.00
FPL_FAR_ROCK_GT1 24212	45.22 2.22 0.00	35.33 1.67 0.00	34.80 1.51 0.00	33.11 1.27 0.00	30.96 1.25 0.00	38.45 1.77 0.00	45.80 1.85 0.00	44.31 1.98 0.00	46.13 2.19 0.00	45.32 2.51 0.00	41.90 2.89 0.00	47.11 2.84 -0.11	47.79 2.65 0.00	69.22 2.56 -21.61	51.48 2.90 -1.83	54.26 3.45 0.00	49.19 3.72 0.00	54.73 3.97 0.00	50.67 2.88 0.00	52.70 2.47 0.00	73.06 2.46 -3.78	75.15 2.59 -1.68	61.37 2.04 -0.87	51.89 1.70 -0.65
FPL_FAR_ROCK_GT2 23815	45.22 2.22 0.00	35.33 1.67 0.00	34.80 1.51 0.00	33.11 1.27 0.00	30.96 1.25 0.00	38.45 1.77 0.00	45.80 1.85 0.00	44.31 1.98 0.00	46.13 2.19 0.00	45.32 2.51 0.00	41.90 2.89 0.00	47.11 2.84 -0.11	47.79 2.65 0.00	69.22 2.56 -21.61	51.48 2.90 -1.83	54.26 3.45 0.00	49.19 3.72 0.00	54.73 3.97 0.00	50.67 2.88 0.00	52.70 2.47 0.00	73.06 2.46 -3.78	75.15 2.59 -1.68	61.37 2.04 -0.87	51.89 1.70 -0.65
FRANKLIN_FALL_HYD 24054	44.51 1.50 0.00	34.84 1.19 0.00	34.34 1.06 0.00	32.85 1.01 0.00	30.67 0.96 0.00	37.78 1.11 0.00	45.38 1.43 0.00	43.36 1.03 0.00	45.07 1.13 0.00	43.92 1.12 0.00	39.93 0.93 0.00	45.05 0.88 0.00	45.86 0.74 0.00	45.89 0.85 0.00	47.51 0.76 0.00	51.44 0.63 0.00	45.50 0.04 0.00	50.43 -0.33 0.00	47.90 0.12 0.00	50.63 0.41 0.00	68.15 1.33 0.00	72.93 2.05 0.00	60.16 1.70 0.00	50.87 1.34 0.00

FREEPORT_EQUS_GT1 23764	44.69 1.69 0.00	34.95 1.29 0.00	34.44 1.15 0.00	32.77 0.93 0.00	30.63 0.92 0.00	38.04 1.37 0.00	45.28 1.32 0.00	43.70 1.37 0.00	45.47 1.53 0.00	44.63 1.82 0.00	41.14 2.13 0.00	46.37 2.10 -0.11	46.96 1.83 0.00	68.26 1.60 -21.61	50.49 1.91 -1.83	53.30 2.49 0.00	48.46 3.00 0.00	54.02 3.26 0.00	49.97 2.19 0.00	51.96 1.73 0.00	65.88 1.48 2.43	63.32 1.51 9.06	53.25 1.16 6.38	45.74 1.00 4.79
FREEPORT___CT2 23818	44.69 1.69 0.00	34.95 1.29 0.00	34.44 1.15 0.00	32.77 0.93 0.00	30.63 0.92 0.00	38.04 1.37 0.00	45.28 1.32 0.00	43.70 1.37 0.00	45.47 1.53 0.00	44.63 1.82 0.00	41.14 2.13 0.00	46.37 2.10 -0.11	46.96 1.83 0.00	68.26 1.60 -21.61	50.49 1.91 -1.83	53.30 2.49 0.00	48.46 3.00 0.00	54.02 3.26 0.00	49.97 2.19 0.00	51.96 1.73 0.00	65.88 1.48 2.43	63.32 1.51 9.06	53.25 1.16 6.38	45.74 1.00 4.79
FRESHKLS_33_KV_LOAD 356253	44.46 1.46 0.00	34.96 1.31 0.00	34.39 1.11 0.00	32.77 0.93 0.00	30.58 0.86 0.00	37.95 1.27 0.00	45.32 1.36 0.00	43.76 1.43 0.00	45.49 1.55 0.00	44.70 1.90 0.00	41.12 2.11 0.00	46.33 2.06 -0.11	46.89 1.76 0.00	68.32 1.67 -21.61	50.43 1.84 -1.83	53.02 2.21 0.00	48.23 2.77 0.00	53.67 2.92 0.00	49.87 2.09 0.00	51.89 1.66 0.00	68.35 1.52 0.00	72.09 1.21 0.00	59.44 0.98 0.00	50.54 1.01 0.00
FULTON COGEN____ 23766	42.15 -0.86 0.00	32.94 -0.71 0.00	32.57 -0.72 0.00	31.16 -0.68 0.00	29.09 -0.63 0.00	35.99 -0.69 0.00	43.15 -0.81 0.00	41.66 -0.67 0.00	43.23 -0.71 0.00	42.01 -0.81 0.00	38.21 -0.80 0.00	43.43 -0.73 0.00	44.50 -0.63 0.00	44.50 -0.55 0.00	46.23 -0.52 0.00	50.24 -0.57 0.00	45.21 -0.27 -0.02	53.34 -0.05 -2.63	50.20 -0.01 -2.42	54.08 0.01 -3.84	78.22 -0.39 -11.78	80.67 -0.58 -10.37	63.34 -0.60 -5.48	48.90 -0.64 -0.01
FULTON___LFGE 323630	45.63 2.63 0.00	35.60 1.95 0.00	35.12 1.84 0.00	33.52 1.68 0.00	31.31 1.59 0.00	38.74 2.06 0.00	46.48 2.52 0.00	44.61 2.28 0.00	46.06 2.12 0.00	44.44 1.63 0.00	40.21 1.20 0.00	45.26 1.16 0.06	46.45 1.33 0.00	33.30 1.15 12.89	46.77 1.11 1.09	52.09 1.28 0.00	46.93 1.47 0.00	53.02 2.26 0.00	50.60 2.81 0.00	53.92 3.69 0.00	71.85 5.03 0.00	76.06 5.18 0.00	62.66 4.19 0.00	52.90 3.36 0.00
G.F.CEMENT___DRP 24184	45.00 1.99 0.00	35.18 1.52 0.00	34.82 1.54 0.00	33.29 1.45 0.00	31.10 1.38 0.00	38.49 1.82 0.00	46.03 2.02 -0.05	44.36 2.03 0.00	45.89 1.95 0.00	44.44 1.63 0.00	40.14 1.13 0.00	45.02 0.96 0.10	46.05 0.92 0.00	26.08 0.81 19.78	46.07 1.00 1.68	52.53 1.72 0.00	47.52 2.06 0.00	53.98 3.22 0.00	51.11 3.33 0.00	53.73 3.51 0.00	71.14 4.32 0.00	74.21 3.34 0.00	61.00 2.54 0.00	51.74 2.20 0.00
GARDENVILLE___LBMP 24039	42.86 -0.14 0.00	33.21 -0.44 0.00	32.79 -0.49 0.00	31.33 -0.51 0.00	29.37 -0.34 0.00	36.47 -0.21 0.00	42.71 -1.25 0.00	40.83 -1.50 0.00	42.63 -1.31 0.00	42.04 -0.77 0.00	38.87 -0.14 0.00	46.04 1.88 0.00	47.96 2.84 0.00	48.02 2.97 0.00	49.69 2.94 0.00	53.69 2.88 0.00	47.91 2.44 0.00	53.94 3.18 0.00	50.50 2.72 0.00	53.02 2.79 0.00	69.00 2.17 0.00	73.41 2.54 0.00	61.51 3.05 0.00	52.21 2.67 0.00
GARDNVLA_35_KV_LD 355827	43.05 0.04 0.00	33.35 -0.31 0.00	32.92 -0.37 0.00	31.45 -0.39 0.00	29.47 -0.24 0.00	36.58 -0.10 0.00	42.85 -1.11 0.00	41.08 -1.24 0.00	42.91 -1.03 0.00	42.29 -0.52 0.00	39.13 0.13 0.00	46.41 2.25 0.00	48.40 3.27 0.00	48.49 3.45 0.00	50.19 3.43 0.00	54.30 3.49 0.00	48.45 2.99 0.00	54.54 3.78 0.00	51.08 3.29 0.00	53.60 3.37 0.00	69.73 2.90 0.00	74.13 3.25 0.00	62.08 3.62 0.00	52.66 3.12 0.00
GELCKHM___115KV_LOAD 80723	42.37 -0.64 0.00	33.10 -0.55 0.00	32.74 -0.55 0.00	31.30 -0.54 0.00	29.23 -0.48 0.00	36.18 -0.50 0.00	43.36 -0.60 0.00	41.82 -0.51 0.00	43.41 -0.53 0.00	42.22 -0.60 0.00	38.47 -0.54 0.00	43.78 -0.38 0.00	44.91 -0.22 0.00	44.90 -0.14 0.00	46.66 -0.09 0.00	50.72 -0.09 0.00	45.60 0.13 -0.01	52.10 0.39 -0.95	49.05 0.39 -0.87	52.00 0.38 -1.39	71.15 0.07 -4.25	74.53 -0.09 -3.75	60.26 -0.18 -1.98	49.25 -0.29 0.00
GENERAL___MILLS 23808	42.97 -0.04 0.00	33.29 -0.36 0.00	32.87 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.54 -0.13 0.00	42.79 -1.17 0.00	41.00 -1.33 0.00	42.82 -1.12 0.00	42.20 -0.61 0.00	39.03 0.02 0.00	46.27 2.10 0.00	48.22 3.09 0.00	48.29 3.24 0.00	49.98 3.23 0.00	54.03 3.23 0.00	48.21 2.75 0.00	54.29 3.53 0.00	50.83 3.04 0.00	53.34 3.12 0.00	69.41 2.59 0.00	73.84 2.97 0.00	61.85 3.39 0.00	52.47 2.93 0.00
GE_PLASTICS___DRP 24183	42.54 -0.47 0.00	33.35 -0.31 0.00	33.12 -0.17 0.00	31.75 -0.10 0.00	29.63 -0.08 0.00	36.59 -0.08 0.00	43.58 -0.33 0.04	42.04 -0.29 0.00	43.60 -0.34 0.00	42.44 -0.37 0.00	38.58 -0.42 0.00	21.06 -0.70 22.41	44.29 -0.84 0.00	31.34 -0.95 12.76	44.68 -0.99 1.08	49.94 -0.86 0.00	45.01 -0.46 0.00	50.56 -0.19 0.00	47.39 -0.39 0.00	49.70 -0.53 0.00	65.82 -1.01 0.00	69.50 -1.38 0.00	57.29 -1.17 0.00	48.64 -0.90 0.00
GILBOA___1 23756	43.31 0.30 0.00	33.96 0.30 0.00	33.78 0.50 0.00	32.45 0.61 0.00	30.30 0.58 0.00	37.35 0.68 0.00	44.45 0.49 0.00	42.72 0.40 0.00	44.35 0.41 0.00	43.25 0.44 0.00	39.43 0.42 0.00	44.50 0.34 0.00	45.37 0.24 0.00	45.16 0.12 0.00	46.89 0.14 0.00	51.03 0.22 0.00	46.03 0.56 0.00	51.63 0.88 0.00	48.36 0.58 0.00	50.65 0.42 0.00	66.82 -0.01 0.00	70.67 -0.20 0.00	58.48 0.02 0.00	49.64 0.11 0.00
GILBOA___2 23757	43.31 0.30 0.00	33.96 0.30 0.00	33.78 0.50 0.00	32.45 0.61 0.00	30.30 0.58 0.00	37.35 0.68 0.00	44.45 0.49 0.00	42.72 0.40 0.00	44.35 0.41 0.00	43.25 0.44 0.00	39.43 0.42 0.00	44.50 0.34 0.00	45.37 0.24 0.00	45.16 0.12 0.00	46.89 0.14 0.00	51.03 0.22 0.00	46.03 0.56 0.00	51.63 0.88 0.00	48.36 0.58 0.00	50.65 0.42 0.00	66.82 -0.01 0.00	70.67 -0.20 0.00	58.48 0.02 0.00	49.64 0.11 0.00
GILBOA___3 23758	43.31 0.30 0.00	33.96 0.30 0.00	33.78 0.50 0.00	32.45 0.61 0.00	30.30 0.58 0.00	37.35 0.68 0.00	44.45 0.49 0.00	42.72 0.40 0.00	44.35 0.41 0.00	43.25 0.44 0.00	39.43 0.42 0.00	44.50 0.34 0.00	45.37 0.24 0.00	45.16 0.12 0.00	46.89 0.14 0.00	51.03 0.22 0.00	46.03 0.56 0.00	51.63 0.88 0.00	48.36 0.58 0.00	50.65 0.42 0.00	66.82 -0.01 0.00	70.67 -0.20 0.00	58.48 0.02 0.00	49.64 0.11 0.00
GILBOA___4 23759	43.31 0.30 0.00	33.96 0.30 0.00	33.78 0.50 0.00	32.45 0.61 0.00	30.30 0.58 0.00	37.35 0.68 0.00	44.45 0.49 0.00	42.72 0.40 0.00	44.35 0.41 0.00	43.25 0.44 0.00	39.43 0.42 0.00	44.50 0.34 0.00	45.37 0.24 0.00	45.16 0.12 0.00	46.89 0.14 0.00	51.03 0.22 0.00	46.03 0.56 0.00	51.63 0.88 0.00	48.36 0.58 0.00	50.65 0.42 0.00	66.82 -0.01 0.00	70.67 -0.20 0.00	58.48 0.02 0.00	49.64 0.11 0.00

GILBOA____ 23599	43.31 0.30 0.00	33.96 0.30 0.00	33.78 0.50 0.00	32.45 0.61 0.00	30.30 0.59 0.00	37.36 0.68 0.00	44.45 0.49 0.00	42.73 0.40 0.00	44.35 0.41 0.00	43.25 0.44 0.00	39.43 0.42 0.00	44.50 0.33 0.00	45.37 0.24 0.00	45.16 0.12 0.00	46.89 0.14 0.00	51.03 0.22 0.00	46.03 0.56 0.00	51.63 0.88 0.00	48.36 0.58 0.00	50.65 0.42 0.00	66.80 -0.02 0.00	70.67 -0.20 0.00	58.48 0.02 0.00	49.64 0.11 0.00
GINNA____ 23603	41.08 -1.92 0.00	32.00 -1.66 0.00	31.60 -1.69 0.00	30.19 -1.65 0.00	28.24 -1.47 0.00	34.99 -1.69 0.00	41.63 -2.32 0.00	40.06 -2.27 0.00	41.68 -2.26 0.00	40.65 -2.16 0.00	37.25 -1.76 0.00	43.08 -1.08 0.00	44.53 -0.60 0.00	44.63 -0.42 0.00	46.30 -0.45 0.00	50.35 -0.46 0.00	45.12 -0.34 0.00	50.79 0.03 0.00	47.81 0.02 0.00	50.16 -0.07 0.00	65.90 -0.93 0.00	69.76 -1.11 0.00	57.63 -0.84 0.00	48.62 -0.92 0.00
GLEN PARK____ 23778	46.21 3.21 0.00	36.00 2.34 0.00	35.52 2.23 0.00	33.91 2.07 0.00	31.69 1.98 0.00	39.33 2.66 0.00	47.14 3.18 0.00	45.47 3.14 0.00	47.05 3.11 0.00	45.21 2.40 0.00	40.91 1.91 0.00	46.12 1.96 0.00	46.70 1.57 0.00	46.83 1.78 0.00	48.43 1.68 0.00	52.47 1.66 0.00	47.12 1.65 -0.01	54.11 2.19 -1.17	51.89 3.03 -1.07	56.20 4.27 -1.70	78.84 6.79 -5.22	82.98 7.51 -4.60	66.63 5.74 -2.42	53.80 4.26 0.00
GLENDALE_27_KV_LOAD 356172	44.62 1.61 0.00	35.03 1.37 0.00	34.49 1.20 0.00	32.86 1.02 0.00	30.68 0.96 0.00	38.05 1.37 0.00	45.55 1.59 0.00	44.02 1.69 0.00	45.92 1.98 0.00	45.11 2.30 0.00	41.40 2.39 0.00	46.79 2.52 -0.11	47.48 2.36 0.00	68.80 2.15 -21.61	50.85 2.26 -1.83	53.48 2.67 0.00	48.56 3.10 0.00	54.08 3.32 0.00	50.17 2.39 0.00	52.15 1.92 0.00	68.66 1.83 0.00	72.39 1.51 0.00	59.69 1.23 0.00	50.77 1.23 0.00
GLENWOOD_IC_1_G5 23712	44.54 1.54 0.00	34.87 1.22 0.00	34.39 1.10 0.00	32.76 0.92 0.00	30.59 0.88 0.00	37.97 1.29 0.00	45.34 1.39 0.00	43.84 1.52 0.00	45.68 1.74 0.00	44.81 2.01 0.00	41.34 2.33 0.00	46.61 2.34 -0.11	47.28 2.15 0.00	68.68 2.02 -21.61	50.87 2.28 -1.83	53.50 2.70 0.00	48.30 2.84 0.00	53.91 3.15 0.00	49.95 2.16 0.00	51.97 1.74 0.00	66.97 1.59 1.45	66.77 1.28 5.39	55.90 1.23 3.79	47.78 1.10 2.85
GLENWOOD_IC_2_G1 23688	44.35 1.35 0.00	34.74 1.08 0.00	34.26 0.97 0.00	32.66 0.82 0.00	30.50 0.78 0.00	37.82 1.14 0.00	45.18 1.22 0.00	43.67 1.34 0.00	45.48 1.54 0.00	44.61 1.80 0.00	41.05 2.05 0.00	46.35 2.08 -0.11	47.03 1.90 0.00	68.41 1.75 -21.61	50.55 1.96 -1.84	53.20 2.39 -0.01	48.23 2.77 0.00	53.91 3.15 0.00	50.01 2.23 0.00	52.06 1.83 0.00	68.52 1.69 0.00	72.24 1.37 0.00	59.47 1.01 0.00	50.48 0.95 0.00
GLENWOOD_IC_3_G1 23689	44.35 1.35 0.00	34.74 1.08 0.00	34.26 0.97 0.00	32.66 0.82 0.00	30.50 0.78 0.00	37.82 1.14 0.00	45.18 1.22 0.00	43.67 1.34 0.00	45.48 1.54 0.00	44.61 1.80 0.00	41.05 2.05 0.00	46.35 2.08 -0.11	47.03 1.90 0.00	68.41 1.75 -21.61	50.55 1.96 -1.84	53.20 2.39 -0.01	48.23 2.77 0.00	53.91 3.15 0.00	50.01 2.23 0.00	52.06 1.83 0.00	68.52 1.69 0.00	72.24 1.37 0.00	59.47 1.01 0.00	50.48 0.95 0.00
GLENWOOD____4 23550	44.54 1.54 0.00	34.87 1.22 0.00	34.39 1.10 0.00	32.76 0.92 0.00	30.59 0.88 0.00	37.97 1.29 0.00	45.34 1.39 0.00	43.84 1.52 0.00	45.68 1.74 0.00	44.81 2.01 0.00	41.34 2.33 0.00	46.61 2.34 -0.11	47.28 2.15 0.00	68.68 2.02 -21.61	50.87 2.28 -1.83	53.52 2.71 0.00	48.40 2.94 0.00	54.04 3.28 0.00	50.08 2.30 0.00	52.10 1.88 0.00	67.14 1.76 1.45	66.93 1.45 5.39	55.90 1.23 3.79	47.78 1.10 2.85
GLENWOOD____5 23614	44.54 1.54 0.00	34.87 1.22 0.00	34.39 1.10 0.00	32.76 0.92 0.00	30.59 0.88 0.00	37.97 1.29 0.00	45.34 1.39 0.00	43.84 1.52 0.00	45.68 1.74 0.00	44.81 2.01 0.00	41.34 2.33 0.00	46.61 2.34 -0.11	47.28 2.15 0.00	68.68 2.02 -21.61	50.87 2.28 -1.83	53.52 2.71 0.00	48.40 2.94 0.00	54.04 3.28 0.00	50.08 2.30 0.00	52.10 1.88 0.00	67.14 1.76 1.45	66.93 1.45 5.39	55.90 1.23 3.79	47.78 1.10 2.85
GLOBAL GREEN_PORT_GT1 23814	46.29 3.29 0.00	35.90 2.25 0.00	35.40 2.11 0.00	33.67 1.83 0.00	31.47 1.76 0.00	39.05 2.38 0.00	46.32 2.36 0.00	45.12 2.80 0.00	47.11 3.17 0.00	46.23 3.42 0.00	43.04 4.03 0.00	48.35 4.08 -0.11	48.93 3.81 0.00	70.21 3.56 -21.61	52.72 4.14 -1.83	55.66 4.85 0.01	50.67 5.21 0.00	56.12 5.84 0.48	51.96 4.37 0.19	54.00 3.78 0.00	62.12 3.95 8.66	55.52 3.74 19.09	47.88 2.58 13.16	41.64 1.98 9.88
GLOBE____DSASP 323697	41.76 -1.25 0.00	32.40 -1.25 0.00	32.03 -1.26 0.00	30.60 -1.24 0.00	28.69 -1.02 0.00	35.56 -1.12 0.00	41.41 -2.55 0.00	39.45 -2.88 0.00	41.20 -2.75 0.00	40.57 -2.24 0.00	37.51 -1.50 0.00	44.61 0.45 0.00	46.45 1.32 0.00	46.42 1.38 0.00	47.93 1.18 0.00	51.82 1.01 0.00	46.13 0.67 0.00	51.89 1.13 0.00	48.57 0.79 0.00	50.94 0.71 0.00	66.40 -0.43 0.00	70.80 -0.07 0.00	59.49 1.03 0.00	50.68 1.14 0.00
GOETHSLN____LBMP 323567	44.08 1.08 0.00	34.60 0.95 0.00	34.11 0.83 0.00	32.50 0.66 0.00	30.33 0.61 0.00	37.63 0.95 0.00	45.03 1.07 0.00	43.52 1.19 0.00	45.36 1.42 0.00	44.52 1.71 0.00	40.87 1.86 0.00	46.24 1.97 -0.11	46.97 1.85 0.00	68.31 1.65 -21.61	50.38 1.79 -1.83	52.89 2.08 0.00	48.06 2.60 0.00	53.67 2.91 0.00	49.76 1.98 0.00	51.72 1.49 0.00	68.10 1.27 0.00	71.71 0.84 0.00	59.09 0.63 0.00	50.23 0.70 0.00
GOLAH____69_KV_TB 1_2 80279	43.40 0.39 0.00	33.74 0.08 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.77 0.06 0.00	36.91 0.23 0.00	43.73 -0.23 0.00	42.00 -0.33 0.00	43.65 -0.29 0.00	42.60 -0.21 0.00	39.04 0.04 0.00	45.45 1.28 0.00	47.17 2.04 0.00	47.34 2.29 0.00	49.20 2.45 0.00	53.33 2.52 0.00	47.80 2.34 0.00	53.85 3.10 0.00	50.59 2.80 0.00	53.26 3.03 0.00	70.00 3.18 0.00	74.21 3.34 0.00	61.52 3.06 0.00	52.08 2.55 0.00
GOODYEAR_LAKE_HYD 323669	44.30 1.29 0.00	34.56 0.90 0.00	34.07 0.78 0.00	32.52 0.68 0.00	30.37 0.66 0.00	37.63 0.95 0.00	45.17 1.21 0.00	43.42 1.09 0.00	45.18 1.24 0.00	44.17 1.36 0.00	40.36 1.36 0.00	45.92 1.75 0.00	47.13 2.00 0.00	47.11 2.07 0.00	49.00 2.24 0.00	52.95 2.15 0.00	47.69 2.23 0.00	53.64 2.66 -0.23	50.42 2.43 -0.21	53.06 2.50 -0.33	70.63 2.79 -1.01	74.57 2.81 -0.89	61.25 2.31 -0.47	51.35 1.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.91 -0.09 0.00	33.46 -0.19 0.00	33.04 -0.24 0.00	31.63 -0.21 0.00	29.55 -0.16 0.00	36.62 -0.05 0.00	43.79 -0.17 0.00	41.99 -0.33 0.00	43.71 -0.23 0.00	42.77 -0.04 0.00	39.14 0.13 0.00	44.64 0.48 0.00	45.88 0.75 0.00	45.82 0.78 0.00	47.72 0.96 0.00	51.51 0.70 0.00	46.37 0.90 0.00	52.69 1.34 -0.59	49.53 1.20 -0.54	52.37 1.28 -0.86	70.41 0.93 -2.65	74.12 0.92 -2.33	60.43 0.73 -1.23	49.98 0.44 0.00

GOUDEY___7 23579	42.91 -0.09 0.00	33.46 -0.19 0.00	33.04 -0.24 0.00	31.63 -0.21 0.00	29.55 -0.16 0.00	36.62 -0.05 0.00	43.79 -0.17 0.00	41.99 -0.33 0.00	43.71 -0.23 0.00	42.77 -0.04 0.00	39.14 0.13 0.00	44.64 0.48 0.00	45.88 0.75 0.00	45.82 0.78 0.00	47.72 0.96 0.00	51.51 0.70 0.00	46.37 0.90 0.00	52.69 1.34 -0.59	49.53 1.20 -0.54	52.37 1.28 -0.86	70.41 0.93 -2.65	74.12 0.92 -2.33	60.43 0.73 -1.23	49.98 0.44 0.00
GOUDEY___8 23580	42.91 -0.09 0.00	33.46 -0.19 0.00	33.04 -0.24 0.00	31.63 -0.21 0.00	29.55 -0.16 0.00	36.62 -0.05 0.00	43.79 -0.17 0.00	41.99 -0.33 0.00	43.71 -0.23 0.00	42.77 -0.04 0.00	39.14 0.13 0.00	44.64 0.48 0.00	45.88 0.75 0.00	45.82 0.78 0.00	47.72 0.96 0.00	51.51 0.70 0.00	46.37 0.90 0.00	52.69 1.34 -0.59	49.53 1.20 -0.54	52.37 1.28 -0.86	70.41 0.93 -2.65	74.12 0.92 -2.33	60.43 0.73 -1.23	49.98 0.44 0.00
GOWANUS_GT1_1 24077	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT1_2 24078	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT1_3 24079	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT1_4 24080	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT1_5 24084	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT1_6 24111	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT1_7 24112	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT1_8 24113	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT2_1 24114	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT2_2 24115	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT2_3 24116	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT2_4 24117	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT2_5 24118	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00

GOWANUS_GT2_6 24119	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT2_7 24120	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT2_8 24121	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_1 24122	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_2 24123	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_3 24124	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_4 24125	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_5 24126	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_6 24127	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_7 24128	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT3_8 24129	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT4_1 24130	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT4_2 24131	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT4_3 24132	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT4_4 24133	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00

GOWANUS_GT4_5 24134	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT4_6 24135	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT4_7 24136	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GOWANUS_GT4_8 24137	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GREATVRV_69_KV_BK1 356245	45.06 2.06 0.00	35.19 1.53 0.00	34.69 1.41 0.00	33.00 1.16 0.00	30.84 1.13 0.00	38.31 1.63 0.00	45.50 1.55 0.00	44.16 1.83 0.00	45.98 2.04 0.00	45.12 2.31 0.00	41.92 2.91 0.00	46.88 2.61 -0.11	47.36 2.23 0.00	68.90 2.24 -21.61	51.22 2.64 -1.83	53.94 3.13 0.01	49.17 3.71 0.00	54.35 4.11 0.51	50.38 2.80 0.20	52.55 2.32 0.00	60.67 2.22 8.38	54.56 2.10 18.41	47.31 1.54 12.69	41.27 1.26 9.52
GREENBSH_115KV_TB3 55895	42.61 -0.39 0.00	33.42 -0.23 0.00	33.21 -0.08 0.00	31.85 0.01 0.00	29.74 0.03 0.00	36.72 0.04 0.00	43.65 -0.24 0.07	42.16 -0.17 0.00	43.70 -0.25 0.00	42.52 -0.29 0.00	38.64 -0.37 0.00	43.43 -0.64 0.09	44.34 -0.78 0.00	26.77 -0.90 17.37	44.37 -0.91 1.47	50.08 -0.73 0.00	45.15 -0.31 0.00	50.81 0.06 0.00	47.62 -0.16 0.00	49.93 -0.30 0.00	66.10 -0.73 0.00	69.72 -1.16 0.00	57.46 -1.00 0.00	48.78 -0.75 0.00
GREENDGE_115KV_TB5 80291	43.07 0.06 0.00	33.72 0.06 0.00	33.28 -0.01 0.00	31.85 0.00 0.00	29.77 0.06 0.00	36.96 0.28 0.00	44.06 0.11 0.00	42.27 -0.06 0.00	43.86 -0.08 0.00	42.74 -0.07 0.00	39.08 0.08 0.00	44.56 0.40 0.00	45.97 0.84 0.00	46.07 1.03 0.00	47.96 1.21 0.00	51.86 1.06 0.00	46.72 1.25 0.00	53.26 2.01 -0.49	50.28 2.04 -0.45	53.29 2.34 -0.72	71.19 2.16 -2.21	74.99 2.18 -1.95	61.23 1.74 -1.03	50.73 1.20 0.00
GREENIDGE___3 23582	43.07 0.06 0.00	33.72 0.06 0.00	33.28 -0.01 0.00	31.85 0.00 0.00	29.77 0.06 0.00	36.96 0.28 0.00	44.06 0.11 0.00	42.27 -0.06 0.00	43.86 -0.08 0.00	42.74 -0.07 0.00	39.08 0.08 0.00	44.56 0.40 0.00	45.97 0.84 0.00	46.07 1.03 0.00	47.96 1.21 0.00	51.86 1.06 0.00	46.72 1.25 0.00	53.26 2.01 -0.49	50.28 2.04 -0.45	53.29 2.34 -0.72	71.19 2.16 -2.21	74.99 2.18 -1.95	61.23 1.74 -1.03	50.73 1.20 0.00
GREENIDGE___4 23583	43.07 0.06 0.00	33.72 0.06 0.00	33.28 -0.01 0.00	31.85 0.01 0.00	29.77 0.06 0.00	36.96 0.28 0.00	44.06 0.10 0.00	42.27 -0.06 0.00	43.86 -0.08 0.00	42.74 -0.07 0.00	39.08 0.07 0.00	44.56 0.40 0.00	45.97 0.84 0.00	46.06 1.02 0.00	47.97 1.21 0.00	51.87 1.06 0.00	46.72 1.25 0.00	53.26 2.01 -0.49	50.28 2.04 -0.45	53.31 2.36 -0.72	71.19 2.16 -2.21	75.00 2.18 -1.95	61.24 1.75 -1.03	50.73 1.20 0.00
GREENLWN_69_KV_BK 3 55738	44.32 1.32 0.00	34.75 1.09 0.00	34.25 0.96 0.00	32.59 0.75 0.00	30.48 0.77 0.00	37.86 1.18 0.00	44.98 1.02 0.00	43.51 1.18 0.00	45.33 1.39 0.00	44.45 1.64 0.00	41.21 2.20 0.00	45.93 1.67 -0.11	46.19 1.06 0.00	67.47 0.81 -21.61	49.71 1.13 -1.83	52.28 1.48 0.01	47.53 2.07 0.00	51.57 2.11 1.30	48.36 1.09 0.51	50.82 0.59 0.00	57.31 0.03 9.54	51.97 -0.30 18.61	45.30 -0.34 12.82	39.73 -0.18 9.62
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
GRISSOM___SOLAR 323813	45.43 2.42 0.00	35.46 1.81 0.00	35.01 1.73 0.00	33.44 1.59 0.00	31.23 1.52 0.00	38.63 1.96 0.00	46.32 2.36 0.00	44.50 2.17 0.00	45.93 1.99 0.00	44.34 1.53 0.00	40.13 1.12 0.00	45.12 1.02 0.07	46.30 1.17 0.00	32.68 0.83 13.19	46.19 0.56 1.12	51.55 0.74 0.00	46.51 1.05 0.00	52.65 1.89 0.00	50.31 2.52 0.00	53.65 3.42 0.00	71.49 4.66 0.00	75.62 4.74 0.00	62.28 3.82 0.00	52.61 3.07 0.00
GROVEVILLE___HYD 323602	44.47 1.47 0.00	34.81 1.15 0.00	34.35 1.07 0.00	32.78 0.94 0.00	30.60 0.88 0.00	37.92 1.24 0.00	45.36 1.40 0.00	43.80 1.47 0.00	45.61 1.67 0.00	44.67 1.86 0.00	40.93 1.92 0.00	46.31 2.06 -0.09	47.09 1.97 0.00	64.49 1.91 -17.54	50.30 2.06 -1.49	53.32 2.51 0.00	48.37 2.91 0.00	54.28 3.53 0.00	50.54 2.76 0.00	52.68 2.45 0.00	69.40 2.57 0.00	73.05 2.18 0.00	60.06 1.60 0.00	50.90 1.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.67 -0.34 0.00	33.33 -0.32 0.00	32.95 -0.33 0.00	31.51 -0.33 0.00	29.44 -0.28 0.00	36.44 -0.24 0.00	43.66 -0.29 0.00	42.10 -0.22 0.00	43.70 -0.24 0.00	42.49 -0.32 0.00	38.73 -0.27 0.00	44.06 -0.10 0.00	45.21 0.08 0.00	45.23 0.18 0.00	47.01 0.26 0.00	51.12 0.31 0.00	45.95 0.48 -0.01	53.04 0.83 -1.45	49.94 0.82 -1.33	53.20 0.86 -2.11	73.96 0.66 -6.47	77.11 0.53 -5.70	61.79 0.32 -3.01	49.64 0.10 -0.01
HAMLTNNY_34_KV_TB 80303	42.91 -0.09 0.00	33.50 -0.16 0.00	33.11 -0.18 0.00	31.65 -0.18 0.00	29.57 -0.15 0.00	36.65 -0.03 0.00	43.84 -0.11 0.00	42.19 -0.14 0.00	43.78 -0.17 0.00	42.56 -0.25 0.00	38.85 -0.16 0.00	44.34 0.18 0.00	45.63 0.50 0.00	45.80 0.75 0.00	47.83 1.08 0.00	51.79 0.98 0.00	46.51 1.03 -0.01	53.64 1.50 -1.38	50.55 1.49 -1.27	53.83 1.59 -2.01	74.50 1.49 -6.18	77.69 1.38 -5.44	62.43 1.09 -2.87	50.30 0.76 -0.01

HAMPSHIRE___PAPER_HYD 323593	45.20 2.19 0.00	35.32 1.66 0.00	34.86 1.57 0.00	33.32 1.48 0.00	31.10 1.39 0.00	38.42 1.74 0.00	46.08 2.12 0.00	44.06 1.73 0.00	45.66 1.72 0.00	44.21 1.40 0.00	40.16 1.15 0.00	45.30 1.13 0.00	46.06 0.93 0.00	46.08 1.04 0.00	47.67 0.92 0.00	51.60 0.79 0.00	45.72 0.26 0.00	50.99 -0.13 -0.36	48.65 0.53 -0.33	51.90 1.14 -0.53	70.86 2.41 -1.63	75.77 3.46 -1.43	62.16 2.94 -0.76	51.83 2.30 0.00
HARDSCRABBLE_WT_PWR 323673	42.98 -0.02 0.00	33.53 -0.12 0.00	33.15 -0.13 0.00	31.74 -0.10 0.00	29.64 -0.08 0.00	36.79 0.11 0.00	43.91 -0.05 0.00	42.33 0.00 0.00	43.70 -0.24 0.00	42.22 -0.59 0.00	38.16 -0.85 0.00	42.89 -1.27 0.00	43.91 -1.22 0.00	43.69 -1.36 0.00	45.52 -1.23 0.00	49.80 -1.01 0.00	44.91 -0.56 0.00	51.07 0.31 0.00	48.45 0.66 0.00	51.21 0.99 0.00	67.66 0.83 0.00	71.20 0.33 0.00	58.22 -0.25 0.00	49.17 -0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.14 1.14 0.00	34.56 0.90 0.00	34.09 0.81 0.00	32.52 0.68 0.00	30.34 0.63 0.00	37.62 0.94 0.00	45.02 1.07 0.00	43.44 1.11 0.00	45.25 1.31 0.00	44.35 1.54 0.00	40.65 1.64 0.00	46.07 1.82 -0.10	46.92 1.79 0.00	65.73 1.73 -18.95	50.28 1.92 -1.61	53.09 2.29 0.00	48.17 2.70 0.00	53.95 3.19 0.00	50.23 2.45 0.00	52.34 2.11 0.00	68.91 2.08 0.00	72.54 1.67 0.00	59.70 1.23 0.00	50.57 1.04 0.00
HARSNRAD_115KV_TB1 81005	42.66 -0.34 0.00	33.08 -0.58 0.00	32.67 -0.61 0.00	31.21 -0.63 0.00	29.26 -0.45 0.00	36.28 -0.40 0.00	42.35 -1.61 0.00	40.29 -2.04 0.00	41.93 -2.01 0.00	41.18 -1.63 0.00	37.91 -1.10 0.00	44.94 0.78 0.00	46.70 1.57 0.00	46.71 1.67 0.00	48.29 1.54 0.00	52.21 1.40 0.00	46.52 1.05 0.00	52.31 1.56 0.00	49.01 1.23 0.00	51.50 1.28 0.00	67.12 0.29 0.00	71.56 0.69 0.00	60.21 1.75 0.00	51.20 1.67 0.00
HARZA MOOSE___RIVER 24016	44.84 1.83 0.00	35.00 1.34 0.00	34.58 1.29 0.00	33.05 1.21 0.00	30.85 1.14 0.00	38.21 1.53 0.00	45.82 1.86 0.00	44.36 2.03 0.00	46.08 2.14 0.00	44.51 1.70 0.00	40.41 1.41 0.00	45.71 1.55 0.00	46.60 1.48 0.00	46.41 1.37 0.00	48.01 1.26 0.00	52.23 1.42 0.00	46.88 1.42 0.00	53.00 1.83 -0.41	50.32 2.16 -0.38	53.58 2.75 -0.60	72.58 3.91 -1.84	76.73 4.24 -1.62	62.55 3.23 -0.86	52.00 2.47 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.32 -0.68 0.00	33.04 -0.61 0.00	32.70 -0.59 0.00	31.27 -0.57 0.00	29.20 -0.51 0.00	36.14 -0.53 0.00	43.32 -0.63 0.00	41.78 -0.55 0.00	43.38 -0.56 0.00	42.22 -0.60 0.00	38.50 -0.51 0.00	43.83 -0.33 0.00	44.96 -0.17 0.00	44.94 -0.10 0.00	46.71 -0.04 0.00	50.76 -0.05 0.00	45.66 0.19 -0.01	51.96 0.40 -0.79	48.88 0.36 -0.73	51.73 0.34 -1.16	70.39 0.01 -3.55	73.84 -0.16 -3.13	59.89 -0.23 -1.65	49.20 -0.34 0.00
HELLGATE_13_KV_LD 55870	44.71 1.70 0.00	35.11 1.45 0.00	34.56 1.27 0.00	32.93 1.09 0.00	30.75 1.03 0.00	38.15 1.47 0.00	45.65 1.69 0.00	44.13 1.80 0.00	46.02 2.08 0.00	45.21 2.40 0.00	41.48 2.48 0.00	46.89 2.62 -0.11	47.58 2.45 0.00	68.91 2.26 -21.61	50.94 2.36 -1.83	53.60 2.79 0.00	48.67 3.21 0.00	54.20 3.45 0.00	50.28 2.49 0.00	52.26 2.03 0.00	68.79 1.97 0.00	72.51 1.64 0.00	59.79 1.33 0.00	50.87 1.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.71 1.70 0.00	35.11 1.45 0.00	34.56 1.27 0.00	32.93 1.09 0.00	30.75 1.03 0.00	38.15 1.47 0.00	45.65 1.69 0.00	44.13 1.80 0.00	46.02 2.08 0.00	45.21 2.40 0.00	41.48 2.48 0.00	46.89 2.62 -0.11	47.58 2.45 0.00	68.91 2.26 -21.61	50.94 2.36 -1.83	53.60 2.79 0.00	48.67 3.21 0.00	54.20 3.45 0.00	50.28 2.49 0.00	52.26 2.03 0.00	68.79 1.97 0.00	72.51 1.64 0.00	59.79 1.33 0.00	50.87 1.34 0.00
HEMPSTEAD____ 23647	44.33 1.33 0.00	34.70 1.05 0.00	34.21 0.93 0.00	32.57 0.73 0.00	30.44 0.73 0.00	37.81 1.14 0.00	45.12 1.16 0.00	43.62 1.30 0.00	45.42 1.48 0.00	44.56 1.75 0.00	41.13 2.13 0.00	46.29 2.02 -0.11	46.88 1.75 0.00	68.27 1.61 -21.61	50.47 1.89 -1.83	53.07 2.27 0.00	48.18 2.72 0.00	53.70 2.95 0.00	49.70 1.92 0.00	51.70 1.47 0.00	65.75 1.16 2.23	63.53 0.95 8.29	53.34 0.71 5.84	45.79 0.64 4.38
HICKLING___1 23621	42.98 -0.02 0.00	33.43 -0.23 0.00	32.99 -0.30 0.00	31.61 -0.23 0.00	29.56 -0.15 0.00	36.73 0.06 0.00	43.78 -0.18 0.00	41.77 -0.56 0.00	43.47 -0.47 0.00	42.65 -0.16 0.00	39.20 0.19 0.00	45.06 0.90 0.00	46.57 1.44 0.00	46.61 1.57 0.00	48.55 1.79 0.00	52.22 1.41 0.00	47.00 1.53 0.00	53.43 2.18 -0.49	50.21 1.97 -0.46	53.19 2.24 -0.72	70.82 1.79 -2.21	74.73 1.91 -1.95	61.08 1.59 -1.03	50.65 1.11 0.00
HICKLING___2 23622	42.98 -0.02 0.00	33.43 -0.23 0.00	32.99 -0.30 0.00	31.61 -0.23 0.00	29.56 -0.15 0.00	36.73 0.06 0.00	43.78 -0.18 0.00	41.77 -0.56 0.00	43.47 -0.47 0.00	42.65 -0.16 0.00	39.20 0.19 0.00	45.06 0.90 0.00	46.57 1.44 0.00	46.61 1.57 0.00	48.55 1.79 0.00	52.22 1.41 0.00	47.00 1.53 0.00	53.43 2.18 -0.49	50.21 1.97 -0.46	53.19 2.24 -0.72	70.82 1.79 -2.21	74.73 1.91 -1.95	61.08 1.59 -1.03	50.65 1.11 0.00
HIGH FALLS___HY 23754	44.55 1.54 0.00	34.84 1.18 0.00	34.32 1.04 0.00	32.74 0.90 0.00	30.54 0.83 0.00	37.86 1.18 0.00	45.33 1.37 0.00	43.75 1.42 0.00	45.60 1.66 0.00	44.73 1.92 0.00	41.08 2.07 0.00	44.82 2.03 1.37	47.07 1.94 0.00	58.52 1.92 -11.55	49.58 1.85 -0.98	53.06 2.26 0.00	48.29 2.83 0.00	54.24 3.49 0.00	50.55 2.77 0.00	52.75 2.52 0.00	69.66 2.84 0.00	73.47 2.60 0.00	60.39 1.93 0.00	51.10 1.57 0.00
HIGH_RIVER___SOLAR 323847	44.43 1.43 0.00	34.75 1.10 0.00	34.36 1.08 0.00	32.86 1.02 0.00	30.67 0.96 0.00	37.93 1.25 0.00	45.38 1.43 0.00	43.55 1.23 0.00	44.96 1.02 0.00	43.48 0.67 0.00	39.29 0.29 0.00	44.09 0.00 0.07	45.10 -0.03 0.00	30.75 -0.03 14.26	45.52 -0.02 1.21	50.94 0.13 0.00	46.00 0.53 0.00	52.05 1.29 0.00	49.40 1.62 0.00	52.30 2.08 0.00	69.52 2.70 0.00	73.45 2.58 0.00	60.52 2.06 0.00	51.22 1.69 0.00
HILLBURN___GT 23639	43.95 0.95 0.00	34.42 0.77 0.00	33.98 0.69 0.00	32.39 0.55 0.00	30.22 0.51 0.00	37.50 0.82 0.00	44.89 0.93 0.00	43.30 0.97 0.00	45.09 1.15 0.00	44.20 1.39 0.00	40.52 1.52 0.00	45.94 1.68 -0.10	46.79 1.66 0.00	66.10 1.52 -19.54	50.08 1.67 -1.66	52.83 2.02 0.00	47.91 2.45 0.00	53.62 2.86 0.00	49.84 2.06 0.00	51.92 1.70 0.00	68.38 1.55 0.00	72.01 1.14 0.00	59.30 0.83 0.00	50.28 0.75 0.00
HILLSIDE_115KV_TB1 80332	42.30 -0.71 0.00	32.92 -0.73 0.00	32.49 -0.79 0.00	31.16 -0.68 0.00	29.12 -0.59 0.00	36.17 -0.51 0.00	43.14 -0.81 0.00	41.24 -1.09 0.00	42.96 -0.99 0.00	42.17 -0.64 0.00	38.74 -0.27 0.00	44.34 0.18 0.00	45.76 0.64 0.00	45.72 0.67 0.00	47.72 0.97 0.00	51.23 0.42 0.00	46.07 0.61 0.00	52.39 1.12 -0.51	49.26 1.00 -0.47	52.17 1.19 -0.75	69.58 0.45 -2.30	73.47 0.58 -2.02	59.97 0.43 -1.07	49.64 0.11 0.00

HISHELDN_WT_PWR 323625	42.72 -0.28 0.00	33.15 -0.51 0.00	32.75 -0.54 0.00	31.31 -0.53 0.00	29.33 -0.38 0.00	36.42 -0.25 0.00	42.79 -1.17 0.00	40.80 -1.52 0.00	42.50 -1.45 0.00	41.84 -0.97 0.00	38.59 -0.42 0.00	45.44 1.28 0.00	47.24 2.11 0.00	47.26 2.22 0.00	48.97 2.22 0.00	52.89 2.08 0.00	47.28 1.82 0.00	53.21 2.46 0.00	49.80 2.02 0.00	52.43 2.20 0.00	68.31 1.48 0.00	72.56 1.69 0.00	60.68 2.21 0.00	51.45 1.91 0.00
HOLTSVILLE_IC_1 23690	44.24 1.24 0.00	34.56 0.91 0.00	34.11 0.82 0.00	32.45 0.61 0.00	30.35 0.64 0.00	37.67 0.99 0.00	44.71 0.75 0.00	43.40 1.07 0.00	45.14 1.20 0.00	44.24 1.43 0.00	41.03 2.02 0.00	45.85 1.58 -0.11	46.27 1.14 0.00	67.78 1.12 -21.61	50.07 1.49 -1.83	52.69 1.89 0.01	48.02 2.56 0.00	53.15 2.83 0.44	49.31 1.70 0.17	51.36 1.13 0.00	58.81 0.61 8.63	52.19 0.45 19.13	45.52 0.24 13.19	39.84 0.20 9.90
HOLTSVILLE_IC_10 23699	44.49 1.48 0.00	34.72 1.06 0.00	34.26 0.98 0.00	32.59 0.76 0.00	30.49 0.78 0.00	37.84 1.16 0.00	44.90 0.94 0.00	43.62 1.30 0.00	45.35 1.41 0.00	44.46 1.65 0.00	41.27 2.26 0.00	46.15 1.88 -0.11	46.64 1.51 0.00	68.19 1.53 -21.61	50.53 1.95 -1.83	53.17 2.37 0.01	48.43 2.97 0.00	53.46 3.28 0.58	49.66 2.10 0.23	51.76 1.54 0.00	59.21 1.11 8.73	52.90 0.98 18.96	46.02 0.63 13.07	40.22 0.49 9.81
HOLTSVILLE_IC_2 23691	44.24 1.24 0.00	34.56 0.91 0.00	34.11 0.82 0.00	32.45 0.61 0.00	30.35 0.64 0.00	37.67 0.99 0.00	44.71 0.75 0.00	43.40 1.07 0.00	45.14 1.20 0.00	44.24 1.43 0.00	41.03 2.02 0.00	45.85 1.58 -0.11	46.27 1.14 0.00	67.78 1.12 -21.61	50.07 1.49 -1.83	52.69 1.89 0.01	48.02 2.56 0.00	53.15 2.83 0.44	49.31 1.70 0.17	51.36 1.13 0.00	58.81 0.61 8.63	52.19 0.45 19.13	45.52 0.24 13.19	39.84 0.20 9.90
HOLTSVILLE_IC_3 23692	44.24 1.24 0.00	34.56 0.91 0.00	34.11 0.82 0.00	32.45 0.61 0.00	30.35 0.64 0.00	37.67 0.99 0.00	44.71 0.75 0.00	43.40 1.07 0.00	45.14 1.20 0.00	44.24 1.43 0.00	41.03 2.02 0.00	45.85 1.58 -0.11	46.27 1.14 0.00	67.78 1.12 -21.61	50.07 1.49 -1.83	52.69 1.89 0.01	48.02 2.56 0.00	53.15 2.83 0.44	49.31 1.70 0.17	51.36 1.13 0.00	58.81 0.61 8.63	52.19 0.45 19.13	45.52 0.24 13.19	39.84 0.20 9.90
HOLTSVILLE_IC_4 23693	44.24 1.24 0.00	34.56 0.91 0.00	34.11 0.82 0.00	32.45 0.61 0.00	30.35 0.64 0.00	37.67 0.99 0.00	44.71 0.75 0.00	43.40 1.07 0.00	45.14 1.20 0.00	44.24 1.43 0.00	41.03 2.02 0.00	45.85 1.58 -0.11	46.27 1.14 0.00	67.78 1.12 -21.61	50.07 1.49 -1.83	52.69 1.89 0.01	48.02 2.56 0.00	53.15 2.83 0.44	49.31 1.70 0.17	51.36 1.13 0.00	58.81 0.61 8.63	52.19 0.45 19.13	45.52 0.24 13.19	39.84 0.20 9.90
HOLTSVILLE_IC_5 23694	44.24 1.24 0.00	34.56 0.91 0.00	34.11 0.82 0.00	32.45 0.61 0.00	30.35 0.64 0.00	37.67 0.99 0.00	44.71 0.75 0.00	43.40 1.07 0.00	45.14 1.20 0.00	44.24 1.43 0.00	41.03 2.02 0.00	45.85 1.58 -0.11	46.27 1.14 0.00	67.78 1.12 -21.61	50.07 1.49 -1.83	52.69 1.89 0.01	48.02 2.56 0.00	53.15 2.83 0.44	49.31 1.70 0.17	51.36 1.13 0.00	58.81 0.61 8.63	52.19 0.45 19.13	45.52 0.24 13.19	39.84 0.20 9.90
HOLTSVILLE_IC_6 23695	44.49 1.48 0.00	34.72 1.06 0.00	34.26 0.98 0.00	32.59 0.76 0.00	30.49 0.78 0.00	37.84 1.16 0.00	44.90 0.94 0.00	43.62 1.30 0.00	45.35 1.41 0.00	44.46 1.65 0.00	41.27 2.26 0.00	46.15 1.88 -0.11	46.64 1.51 0.00	68.19 1.53 -21.61	50.53 1.95 -1.83	53.17 2.37 0.01	48.43 2.97 0.00	53.46 3.28 0.58	49.66 2.10 0.23	51.76 1.54 0.00	59.21 1.11 8.73	52.90 0.98 18.96	46.02 0.63 13.07	40.22 0.49 9.81
HOLTSVILLE_IC_7 23696	44.49 1.48 0.00	34.72 1.06 0.00	34.26 0.98 0.00	32.59 0.76 0.00	30.49 0.78 0.00	37.84 1.16 0.00	44.90 0.94 0.00	43.62 1.30 0.00	45.35 1.41 0.00	44.46 1.65 0.00	41.27 2.26 0.00	46.15 1.88 -0.11	46.64 1.51 0.00	68.19 1.53 -21.61	50.53 1.95 -1.83	53.17 2.37 0.01	48.43 2.97 0.00	53.46 3.28 0.58	49.66 2.10 0.23	51.76 1.54 0.00	59.21 1.11 8.73	52.90 0.98 18.96	46.02 0.63 13.07	40.22 0.49 9.81
HOLTSVILLE_IC_8 23697	44.49 1.48 0.00	34.72 1.06 0.00	34.26 0.98 0.00	32.59 0.76 0.00	30.49 0.78 0.00	37.84 1.16 0.00	44.90 0.94 0.00	43.62 1.30 0.00	45.35 1.41 0.00	44.46 1.65 0.00	41.27 2.26 0.00	46.15 1.88 -0.11	46.64 1.51 0.00	68.19 1.53 -21.61	50.53 1.95 -1.83	53.17 2.37 0.01	48.43 2.97 0.00	53.46 3.28 0.58	49.66 2.10 0.23	51.76 1.54 0.00	59.21 1.11 8.73	52.90 0.98 18.96	46.02 0.63 13.07	40.22 0.49 9.81
HOLTSVILLE_IC_9 23698	44.49 1.48 0.00	34.72 1.06 0.00	34.26 0.98 0.00	32.59 0.76 0.00	30.49 0.78 0.00	37.84 1.16 0.00	44.90 0.94 0.00	43.62 1.30 0.00	45.35 1.41 0.00	44.46 1.65 0.00	41.27 2.26 0.00	46.15 1.88 -0.11	46.64 1.51 0.00	68.19 1.53 -21.61	50.53 1.95 -1.83	53.17 2.37 0.01	48.43 2.97 0.00	53.46 3.28 0.58	49.66 2.10 0.23	51.76 1.54 0.00	59.21 1.11 8.73	52.90 0.98 18.96	46.02 0.63 13.07	40.22 0.49 9.81
HOMER_HL_115KV_TB2 355744	42.63 -0.37 0.00	32.99 -0.66 0.00	32.57 -0.71 0.00	31.18 -0.66 0.00	29.26 -0.46 0.00	36.33 -0.35 0.00	42.74 -1.22 0.00	38.74 -3.59 0.00	40.69 -3.25 0.00	41.90 -0.91 0.00	38.85 -0.15 0.00	45.75 1.59 0.00	47.46 2.33 0.00	46.98 1.94 0.00	48.70 1.95 0.00	51.87 1.06 0.00	46.18 0.72 0.00	51.75 0.99 0.00	48.33 0.54 0.00	50.57 0.35 0.00	65.88 -0.95 0.00	70.13 -0.74 0.00	58.94 0.48 0.00	50.35 0.82 0.00
HOWARD_WT_PWR 323690	43.37 0.37 0.00	33.76 0.10 0.00	33.32 0.03 0.00	31.89 0.05 0.00	29.85 0.13 0.00	37.12 0.44 0.00	43.99 0.03 0.00	41.78 -0.55 0.00	43.34 -0.61 0.00	42.53 -0.28 0.00	39.03 0.02 0.00	45.31 1.15 0.00	46.93 1.80 0.00	46.94 1.90 0.00	48.81 2.05 0.00	52.67 1.86 0.00	47.36 1.90 0.00	53.75 2.63 -0.37	50.44 2.32 -0.34	53.43 2.66 -0.54	70.83 2.35 -1.65	74.88 2.55 -1.45	61.65 2.42 -0.77	51.46 1.93 0.00
HQ_GEN_CEDARS 23644	44.48 1.48 0.00	34.84 1.18 0.00	34.38 1.10 0.00	32.89 1.05 0.00	30.67 0.96 0.00	37.76 1.08 0.00	45.33 1.37 0.00	43.27 0.95 0.00	44.93 0.99 0.00	43.76 0.95 0.00	39.86 0.85 0.00	44.99 0.83 0.00	45.83 0.70 0.00	45.84 0.79 0.00	47.45 0.70 0.00	51.24 0.43 0.00	45.28 -0.18 0.00	49.91 -0.85 0.00	47.50 -0.28 0.00	50.18 -0.05 0.00	67.56 0.74 0.00	72.48 1.60 0.00	59.94 1.48 0.00	50.82 1.29 0.00
HQ_GEN_CEDARS_PROXY 323590	44.48 1.48 0.00	34.84 1.18 0.00	34.38 1.10 0.00	32.89 1.05 0.00	30.67 0.96 0.00	37.76 1.09 0.00	45.33 1.37 0.00	43.27 0.94 0.00	44.93 0.99 0.00	43.77 0.95 0.00	39.86 0.85 0.00	44.99 0.83 0.00	45.83 0.70 0.00	45.84 0.79 0.00	47.45 0.70 0.00	51.24 0.43 0.00	45.28 -0.18 0.00	48.51 -0.85 1.40	47.50 -0.28 0.00	48.38 -0.05 1.80	67.83 0.74 -0.27	72.48 1.60 0.00	66.01 1.48 -6.07	50.82 1.29 0.00

HQ_GEN_IMPORT 323601	43.48 0.48 0.00	34.04 0.39 0.00	33.64 0.35 0.00	32.16 0.32 0.00	30.01 0.29 0.00	36.93 0.25 0.00	45.19 0.41 -0.81	42.66 0.33 0.00	44.29 0.34 0.00	43.83 0.36 -0.66	39.35 0.34 0.00	44.47 0.31 0.00	45.40 0.28 0.00	45.22 0.32 0.13	47.03 0.27 0.00	51.01 0.20 0.00	45.23 -0.24 0.00	50.08 -0.67 0.00	47.36 -0.42 0.00	49.91 -0.32 0.00	66.98 0.15 0.00	71.40 0.52 0.00	58.95 0.49 0.00	50.02 0.44 -0.04
HQ_GEN_WHEEL 23651	43.48 0.48 0.00	34.04 0.39 0.00	33.64 0.35 0.00	32.16 0.32 0.00	30.01 0.29 0.00	36.93 0.25 0.00	45.19 0.41 -0.81	42.66 0.33 0.00	44.29 0.34 0.00	43.83 0.36 -0.66	39.35 0.34 0.00	44.47 0.31 0.00	45.40 0.28 0.00	45.22 0.32 0.13	47.03 0.27 0.00	51.01 0.20 0.00	45.23 -0.24 0.00	50.08 -0.67 0.00	47.36 -0.42 0.00	49.91 -0.32 0.00	66.98 0.15 0.00	71.40 0.52 0.00	58.95 0.49 0.00	50.02 0.44 -0.04
HUDSON AVE_GT_3 23810	44.41 1.41 0.00	34.83 1.17 0.00	34.33 1.05 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.87 1.19 0.00	45.33 1.38 0.00	43.81 1.48 0.00	45.70 1.76 0.00	44.87 2.06 0.00	41.18 2.17 0.00	46.61 2.34 -0.11	47.35 2.22 0.00	68.66 2.01 -21.61	50.73 2.14 -1.83	53.32 2.51 0.00	48.42 2.96 0.00	54.08 3.33 0.00	50.16 2.38 0.00	52.15 1.92 0.00	68.68 1.85 0.00	72.31 1.44 0.00	59.58 1.11 0.00	50.62 1.08 0.00
HUDSON AVE_GT_4 23540	44.41 1.41 0.00	34.83 1.17 0.00	34.33 1.05 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.87 1.19 0.00	45.33 1.38 0.00	43.81 1.48 0.00	45.70 1.76 0.00	44.87 2.06 0.00	41.18 2.17 0.00	46.61 2.34 -0.11	47.35 2.22 0.00	68.66 2.01 -21.61	50.73 2.14 -1.83	53.32 2.51 0.00	48.42 2.96 0.00	54.08 3.33 0.00	50.16 2.38 0.00	52.15 1.92 0.00	68.68 1.85 0.00	72.31 1.44 0.00	59.58 1.11 0.00	50.62 1.08 0.00
HUDSON AVE_GT_5 23657	44.41 1.41 0.00	34.83 1.17 0.00	34.33 1.05 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.87 1.19 0.00	45.33 1.38 0.00	43.81 1.48 0.00	45.70 1.76 0.00	44.87 2.06 0.00	41.18 2.17 0.00	46.61 2.34 -0.11	47.35 2.22 0.00	68.66 2.01 -21.61	50.73 2.14 -1.83	53.32 2.51 0.00	48.42 2.96 0.00	54.08 3.33 0.00	50.16 2.38 0.00	52.15 1.92 0.00	68.68 1.85 0.00	72.31 1.44 0.00	59.58 1.11 0.00	50.62 1.08 0.00
HUDSON_AVE_10 24168	44.21 1.20 0.00	34.69 1.03 0.00	34.20 0.92 0.00	32.58 0.74 0.00	30.40 0.68 0.00	37.69 1.01 0.00	45.11 1.15 0.00	43.59 1.27 0.00	45.49 1.55 0.00	44.66 1.85 0.00	40.94 1.93 0.00	46.34 2.07 -0.11	47.05 1.92 0.00	68.35 1.70 -21.61	50.44 1.86 -1.83	52.98 2.17 0.00	48.13 2.67 0.00	53.75 3.00 0.00	49.85 2.07 0.00	51.84 1.61 0.00	69.91 1.45 -1.63	72.10 1.01 -0.21	59.29 0.82 0.00	50.37 0.84 0.00
HUDSON___115KV_TB 4 355613	43.39 0.39 0.00	33.97 0.32 0.00	33.73 0.44 0.00	32.34 0.50 0.00	30.20 0.49 0.00	37.32 0.64 0.00	44.42 0.51 0.05	42.87 0.54 0.00	44.38 0.44 0.00	43.09 0.28 0.00	39.00 -0.01 0.00	38.33 -0.37 5.46	44.60 -0.53 0.00	32.60 -0.57 11.88	45.20 -0.55 1.01	50.49 -0.32 0.00	45.54 0.08 0.00	51.46 0.71 0.00	48.61 0.83 0.00	51.26 1.03 0.00	67.96 1.13 0.00	71.60 0.73 0.00	58.89 0.43 0.00	49.86 0.32 0.00
HUNTER MOUNT___DRP 323613	43.45 0.44 0.00	34.00 0.35 0.00	33.77 0.48 0.00	32.39 0.55 0.00	30.25 0.53 0.00	37.37 0.69 0.00	44.50 0.58 0.04	42.94 0.61 0.00	44.44 0.50 0.00	43.11 0.30 0.00	39.00 0.00 0.00	35.90 -0.37 7.89	44.61 -0.52 0.00	36.94 -0.53 7.57	45.63 -0.49 0.64	50.58 -0.23 0.00	45.57 0.11 0.00	51.57 0.81 0.00	48.76 0.98 0.00	51.45 1.22 0.00	68.20 1.38 0.00	71.85 0.98 0.00	59.07 0.61 0.00	49.97 0.43 0.00
HUNTINGTON_RES_REC 323705	44.42 1.42 0.00	34.75 1.09 0.00	34.25 0.97 0.00	32.59 0.75 0.00	30.47 0.76 0.00	37.84 1.16 0.00	44.94 0.99 0.00	43.55 1.22 0.00	45.32 1.38 0.00	44.45 1.64 0.00	41.25 2.24 0.00	46.03 1.76 -0.11	46.46 1.33 0.00	67.86 1.21 -21.61	50.17 1.59 -1.83	52.80 2.00 0.01	48.05 2.59 0.00	51.79 2.72 1.69	48.70 1.58 0.67	51.27 1.05 0.00	57.13 0.47 10.16	52.28 0.30 18.90	45.53 0.09 13.03	39.87 0.11 9.78
HUNTLEY___63 23557	42.98 -0.02 0.00	33.30 -0.35 0.00	32.88 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.51 -0.17 0.00	42.64 -1.32 0.00	40.70 -1.63 0.00	42.46 -1.49 0.00	41.83 -0.97 0.00	38.68 -0.32 0.00	45.98 1.82 0.00	47.87 2.74 0.00	47.87 2.83 0.00	49.48 2.72 0.00	53.52 2.71 0.00	47.68 2.22 0.00	53.70 2.94 0.00	50.28 2.49 0.00	52.73 2.50 0.00	68.65 1.83 0.00	73.06 2.19 0.00	61.47 3.01 0.00	52.25 2.71 0.00
HUNTLEY___64 23558	42.98 -0.02 0.00	33.30 -0.35 0.00	32.88 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.51 -0.17 0.00	42.64 -1.32 0.00	40.70 -1.63 0.00	42.46 -1.49 0.00	41.83 -0.97 0.00	38.68 -0.32 0.00	45.98 1.82 0.00	47.87 2.74 0.00	47.87 2.83 0.00	49.48 2.72 0.00	53.52 2.71 0.00	47.68 2.22 0.00	53.70 2.94 0.00	50.28 2.49 0.00	52.73 2.50 0.00	68.65 1.83 0.00	73.06 2.19 0.00	61.47 3.01 0.00	52.25 2.71 0.00
HUNTLEY___65 23559	42.98 -0.02 0.00	33.30 -0.35 0.00	32.88 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.51 -0.17 0.00	42.64 -1.32 0.00	40.70 -1.63 0.00	42.46 -1.49 0.00	41.83 -0.97 0.00	38.68 -0.32 0.00	45.98 1.82 0.00	47.87 2.74 0.00	47.87 2.83 0.00	49.48 2.72 0.00	53.52 2.71 0.00	47.68 2.22 0.00	53.70 2.94 0.00	50.28 2.49 0.00	52.73 2.50 0.00	68.65 1.83 0.00	73.06 2.19 0.00	61.47 3.01 0.00	52.25 2.71 0.00
HUNTLEY___66 23560	42.98 -0.02 0.00	33.30 -0.35 0.00	32.88 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.51 -0.17 0.00	42.64 -1.32 0.00	40.70 -1.63 0.00	42.46 -1.49 0.00	41.83 -0.97 0.00	38.68 -0.32 0.00	45.98 1.82 0.00	47.87 2.74 0.00	47.87 2.83 0.00	49.48 2.72 0.00	53.52 2.71 0.00	47.68 2.22 0.00	53.70 2.94 0.00	50.28 2.49 0.00	52.73 2.50 0.00	68.65 1.83 0.00	73.06 2.19 0.00	61.47 3.01 0.00	52.25 2.71 0.00
HUNTLEY___67 23561	42.50 -0.51 0.00	32.95 -0.70 0.00	32.55 -0.73 0.00	31.10 -0.74 0.00	29.16 -0.56 0.00	36.17 -0.51 0.00	42.27 -1.68 0.00	40.34 -1.99 0.00	42.10 -1.84 0.00	41.50 -1.31 0.00	38.36 -0.65 0.00	45.51 1.35 0.00	47.40 2.27 0.00	47.41 2.36 0.00	49.02 2.27 0.00	52.98 2.17 0.00	47.22 1.76 0.00	53.13 2.38 0.00	49.75 1.97 0.00	52.20 1.97 0.00	68.03 1.20 0.00	72.43 1.56 0.00	60.76 2.30 0.00	51.64 2.10 0.00
HUNTLEY___68 23562	42.50 -0.51 0.00	32.95 -0.70 0.00	32.55 -0.73 0.00	31.10 -0.74 0.00	29.16 -0.56 0.00	36.17 -0.51 0.00	42.27 -1.68 0.00	40.34 -1.99 0.00	42.10 -1.84 0.00	41.50 -1.31 0.00	38.36 -0.65 0.00	45.51 1.35 0.00	47.40 2.27 0.00	47.41 2.36 0.00	49.02 2.27 0.00	52.98 2.17 0.00	47.22 1.76 0.00	53.13 2.38 0.00	49.75 1.97 0.00	52.20 1.97 0.00	68.03 1.20 0.00	72.43 1.56 0.00	60.76 2.30 0.00	51.64 2.10 0.00

HYLAND___LFGE 323620	43.95 0.94 0.00	34.90 1.24 0.00	34.58 1.30 0.00	33.02 1.18 0.00	30.91 1.20 0.00	38.41 1.73 0.00	45.66 1.70 0.00	43.50 1.17 0.00	44.23 0.28 0.00	42.19 -0.62 0.00	38.43 -0.57 0.00	44.72 0.56 0.00	46.30 1.17 0.00	46.50 1.46 0.00	48.33 1.58 0.00	52.28 1.47 0.00	47.08 1.62 0.00	53.20 2.44 0.00	50.24 2.46 0.00	53.67 3.44 0.00	71.19 4.36 0.00	75.65 4.78 0.00	62.47 4.01 0.00	52.53 3.00 0.00
INDECK___CORINTH 23802	44.39 1.38 0.00	34.70 1.05 0.00	34.39 1.11 0.00	32.89 1.05 0.00	30.71 0.99 0.00	38.00 1.32 0.00	45.40 1.40 -0.04	43.76 1.44 0.00	45.30 1.36 0.00	43.89 1.08 0.00	39.58 0.57 0.00	44.41 0.34 0.10	45.43 0.30 0.00	26.20 0.19 19.04	45.50 0.36 1.61	51.81 1.00 0.00	46.86 1.39 0.00	53.19 2.43 0.00	50.45 2.67 0.00	52.99 2.76 0.00	70.22 3.39 0.00	73.32 2.45 0.00	60.24 1.78 0.00	51.05 1.52 0.00
INDECK___ILION 23567	43.02 0.01 0.00	33.60 -0.05 0.00	33.25 -0.03 0.00	31.83 -0.01 0.00	29.70 -0.01 0.00	36.79 0.11 0.00	43.97 0.02 0.00	42.38 0.05 0.00	43.86 -0.09 0.00	42.54 -0.27 0.00	38.58 -0.42 0.00	43.52 -0.65 0.00	44.52 -0.61 0.00	44.35 -0.69 0.00	46.14 -0.61 0.00	50.34 -0.47 0.00	45.29 -0.17 0.00	51.12 0.36 0.00	48.30 0.51 0.00	50.90 0.67 0.00	67.40 0.58 0.00	71.15 0.27 0.00	58.40 -0.06 0.00	49.40 -0.14 0.00
INDECK___OLEAN 23982	42.63 -0.37 0.00	32.99 -0.67 0.00	32.57 -0.71 0.00	31.17 -0.67 0.00	29.25 -0.46 0.00	36.33 -0.35 0.00	42.74 -1.22 0.00	38.75 -3.58 0.00	40.69 -3.25 0.00	41.90 -0.91 0.00	38.86 -0.15 0.00	45.75 1.59 0.00	47.46 2.33 0.00	46.98 1.94 0.00	48.70 1.95 0.00	51.88 1.07 0.00	46.18 0.72 0.00	51.74 0.98 0.00	48.32 0.54 0.00	50.59 0.36 0.00	65.90 -0.93 0.00	70.15 -0.73 0.00	58.95 0.49 0.00	50.35 0.82 0.00
INDECK___OSWEGO 23783	41.89 -1.11 0.00	32.83 -0.83 0.00	32.45 -0.83 0.00	31.04 -0.80 0.00	28.98 -0.73 0.00	35.86 -0.82 0.00	43.00 -0.96 0.00	41.50 -0.83 0.00	43.06 -0.88 0.00	41.80 -1.01 0.00	37.84 -1.17 0.00	42.84 -1.32 0.00	43.84 -1.29 0.00	43.80 -1.24 0.00	45.48 -1.28 0.00	49.44 -1.37 0.00	44.46 -1.03 -0.03	53.29 -0.93 -3.46	50.16 -0.81 -3.19	54.49 -0.80 -5.05	81.00 -1.32 -15.49	83.01 -1.51 -13.64	64.33 -1.34 -7.20	48.30 -1.25 -0.02
INDECK___YERKES 23781	43.04 0.04 0.00	33.34 -0.31 0.00	32.92 -0.36 0.00	31.45 -0.39 0.00	29.48 -0.24 0.00	36.55 -0.12 0.00	42.69 -1.27 0.00	40.74 -1.58 0.00	42.51 -1.43 0.00	41.89 -0.92 0.00	38.74 -0.27 0.00	46.04 1.88 0.00	47.94 2.81 0.00	47.89 2.85 0.00	49.51 2.75 0.00	53.56 2.76 0.00	47.70 2.24 0.00	53.70 2.95 0.00	50.30 2.52 0.00	52.77 2.54 0.00	68.69 1.86 0.00	73.09 2.22 0.00	61.56 3.10 0.00	52.32 2.78 0.00
INDIAN POINT_GT_1 24139	43.98 0.98 0.00	34.47 0.81 0.00	34.02 0.73 0.00	32.44 0.60 0.00	30.27 0.55 0.00	37.54 0.86 0.00	44.91 0.95 0.00	43.35 1.02 0.00	45.14 1.20 0.00	44.23 1.42 0.00	40.55 1.54 0.00	45.91 1.65 -0.11	46.69 1.57 0.00	67.65 1.39 -21.22	50.09 1.54 -1.80	52.68 1.87 0.00	47.77 2.31 0.00	53.47 2.71 0.00	49.70 1.92 0.00	51.78 1.54 0.00	68.22 1.40 0.00	71.85 0.98 0.00	59.17 0.71 0.00	50.24 0.70 0.00
INDIAN POINT_GT_2 23659	43.98 0.98 0.00	34.47 0.81 0.00	34.02 0.73 0.00	32.44 0.60 0.00	30.27 0.55 0.00	37.54 0.86 0.00	44.91 0.95 0.00	43.35 1.02 0.00	45.14 1.20 0.00	44.23 1.42 0.00	40.55 1.54 0.00	45.91 1.65 -0.11	46.69 1.57 0.00	67.65 1.39 -21.22	50.09 1.54 -1.80	52.68 1.87 0.00	47.77 2.31 0.00	53.47 2.71 0.00	49.70 1.92 0.00	51.78 1.54 0.00	68.22 1.40 0.00	71.85 0.98 0.00	59.17 0.71 0.00	50.24 0.70 0.00
INDIAN POINT_GT_3 24019	43.98 0.98 0.00	34.47 0.81 0.00	34.02 0.73 0.00	32.44 0.60 0.00	30.27 0.55 0.00	37.54 0.86 0.00	44.91 0.95 0.00	43.35 1.02 0.00	45.14 1.20 0.00	44.23 1.42 0.00	40.55 1.54 0.00	45.91 1.65 -0.11	46.69 1.57 0.00	67.65 1.39 -21.22	50.09 1.54 -1.80	52.68 1.87 0.00	47.77 2.31 0.00	53.47 2.71 0.00	49.70 1.92 0.00	51.78 1.54 0.00	68.22 1.40 0.00	71.85 0.98 0.00	59.17 0.71 0.00	50.24 0.70 0.00
INDIAN POINT___2 23530	43.93 0.92 0.00	34.42 0.77 0.00	33.97 0.69 0.00	32.39 0.55 0.00	30.23 0.52 0.00	37.49 0.81 0.00	44.85 0.89 0.00	43.28 0.95 0.00	45.08 1.14 0.00	44.16 1.36 0.00	40.49 1.48 0.00	45.86 1.60 -0.10	46.65 1.52 0.00	66.98 1.36 -20.58	49.99 1.49 -1.74	52.64 1.83 0.00	47.73 2.27 0.00	53.41 2.65 0.00	49.65 1.87 0.00	51.72 1.50 0.00	68.14 1.32 0.00	71.79 0.91 0.00	59.11 0.65 0.00	50.19 0.66 0.00
INDIAN POINT___3 23531	43.92 0.92 0.00	34.42 0.77 0.00	33.99 0.70 0.00	32.41 0.57 0.00	30.24 0.53 0.00	37.50 0.83 0.00	44.86 0.90 0.00	43.30 0.97 0.00	45.08 1.14 0.00	44.16 1.35 0.00	40.48 1.47 0.00	45.84 1.57 -0.11	46.61 1.48 0.00	67.62 1.33 -21.25	50.01 1.45 -1.80	52.59 1.78 0.00	47.69 2.22 0.00	53.38 2.62 0.00	49.63 1.85 0.00	51.70 1.47 0.00	68.11 1.29 0.00	71.75 0.88 0.00	59.09 0.63 0.00	50.15 0.62 0.00
INGHAM_C_115KV_TB7 356103	42.86 -0.14 0.00	33.45 -0.21 0.00	33.11 -0.17 0.00	31.73 -0.11 0.00	29.62 -0.09 0.00	36.80 0.12 0.00	43.86 -0.10 0.00	42.27 -0.05 0.00	43.56 -0.38 0.00	41.97 -0.84 0.00	37.81 -1.20 0.00	42.37 -1.79 0.00	43.39 -1.75 0.00	43.13 -1.91 0.00	45.00 -1.75 0.00	49.30 -1.51 0.00	44.52 -0.94 0.00	50.86 0.10 0.00	48.37 0.59 0.00	51.21 0.98 0.00	67.64 0.82 0.00	71.13 0.26 0.00	58.10 -0.36 0.00	49.06 -0.48 0.00
IP CORINTH___1 23988	44.64 1.63 0.00	34.90 1.25 0.00	34.56 1.28 0.00	33.05 1.21 0.00	30.86 1.15 0.00	38.20 1.52 0.00	45.66 1.66 -0.04	44.00 1.67 0.00	45.55 1.61 0.00	44.14 1.33 0.00	39.81 0.81 0.00	44.67 0.61 0.10	45.70 0.57 0.00	26.47 0.46 19.04	45.78 0.64 1.61	52.10 1.29 0.00	47.12 1.66 0.00	53.49 2.73 0.00	50.73 2.95 0.00	53.30 3.07 0.00	70.62 3.79 0.00	73.74 2.86 0.00	60.59 2.13 0.00	51.35 1.81 0.00
IP___TICONDEROGA 23804	47.03 4.02 0.00	36.71 3.05 0.00	36.10 2.82 0.00	34.50 2.66 0.00	32.25 2.54 0.00	39.82 3.14 0.00	47.83 3.83 -0.05	46.17 3.84 0.00	47.58 3.64 0.00	45.87 3.05 0.00	41.54 2.53 0.00	46.55 2.49 0.10	47.85 2.72 0.00	28.08 2.54 19.50	47.97 2.87 1.65	55.08 4.27 0.00	49.98 4.52 0.00	57.04 6.29 0.00	54.13 6.35 0.00	56.87 6.64 0.00	75.27 8.44 0.00	76.99 6.12 0.00	63.30 4.83 0.00	53.97 4.44 0.00
ISLIP_RES_REC 323679	44.71 1.70 0.00	34.87 1.22 0.00	34.41 1.13 0.00	32.73 0.89 0.00	30.61 0.90 0.00	38.00 1.32 0.00	45.09 1.13 0.00	43.82 1.49 0.00	45.57 1.63 0.00	44.72 1.91 0.00	41.55 2.54 0.00	46.48 2.21 -0.11	46.98 1.86 0.00	68.56 1.90 -21.61	50.95 2.36 -1.83	53.59 2.79 0.01	48.82 3.36 0.00	53.92 3.73 0.56	50.05 2.49 0.22	52.15 1.92 0.00	59.77 1.60 8.65	53.51 1.48 18.84	46.47 1.00 12.99	40.57 0.78 9.75

JAMAICA__27_KV_LOAD 355505	44.42 1.42 0.00	34.89 1.24 0.00	34.39 1.11 0.00	32.76 0.92 0.00	30.54 0.83 0.00	37.83 1.15 0.00	45.28 1.32 0.00	43.73 1.41 0.00	45.64 1.70 0.00	44.85 2.04 0.00	41.00 1.99 0.00	46.43 2.16 -0.11	47.12 1.99 0.00	68.40 1.75 -21.61	50.52 1.93 -1.83	53.04 2.23 0.00	48.25 2.79 0.00	53.85 3.09 0.00	49.99 2.21 0.00	52.01 1.78 0.00	70.53 1.68 -2.03	72.41 1.27 -0.27	59.64 1.18 0.00	50.65 1.12 0.00
JANIS__SOLAR 323808	44.60 1.60 0.00	34.77 1.11 0.00	34.30 1.01 0.00	32.80 0.96 0.00	30.67 0.95 0.00	38.03 1.35 0.00	45.62 1.66 0.00	43.77 1.44 0.00	45.13 1.19 0.00	43.75 0.94 0.00	39.74 0.74 0.00	45.17 1.01 0.00	46.39 1.26 0.00	46.39 1.34 0.00	48.40 1.64 0.00	52.49 1.68 0.00	47.44 1.98 -0.01	54.27 2.81 -0.71	51.59 3.15 -0.65	55.12 3.86 -1.04	74.65 4.65 -3.18	78.34 4.67 -2.80	63.54 3.60 -1.47	52.11 2.58 0.00
JARVIS____ 23743	42.97 -0.04 0.00	33.62 -0.03 0.00	33.27 -0.02 0.00	31.83 -0.01 0.00	29.71 0.00 0.00	36.69 0.02 0.00	43.95 -0.01 0.00	42.34 0.01 0.00	43.94 0.00 0.00	42.77 -0.04 0.00	38.97 -0.04 0.00	44.07 -0.09 0.00	45.04 -0.09 0.00	44.95 -0.09 0.00	46.66 -0.09 0.00	50.76 -0.05 0.00	45.56 0.09 0.00	51.01 0.25 0.00	47.98 0.19 0.00	50.43 0.20 0.00	66.94 0.11 0.00	70.86 -0.01 0.00	58.41 -0.06 0.00	49.48 -0.05 0.00
JENNISON____1 23625	44.67 1.66 0.00	34.81 1.16 0.00	34.34 1.05 0.00	32.84 1.00 0.00	30.70 0.99 0.00	38.07 1.40 0.00	45.66 1.71 0.00	43.83 1.51 0.00	45.48 1.53 0.00	44.40 1.59 0.00	40.50 1.50 0.00	46.09 1.92 0.00	47.34 2.21 0.00	47.27 2.22 0.00	49.30 2.55 0.00	53.37 2.57 0.00	48.25 2.78 0.00	54.87 3.59 -0.51	51.82 3.56 -0.47	54.87 3.89 -0.75	73.57 4.44 -2.31	77.36 4.46 -2.03	63.01 3.47 -1.07	52.07 2.53 0.00
JENNISON____2 23626	44.67 1.66 0.00	34.81 1.16 0.00	34.34 1.05 0.00	32.84 1.00 0.00	30.70 0.99 0.00	38.07 1.40 0.00	45.66 1.71 0.00	43.83 1.51 0.00	45.48 1.53 0.00	44.40 1.59 0.00	40.50 1.50 0.00	46.09 1.92 0.00	47.34 2.21 0.00	47.27 2.22 0.00	49.30 2.55 0.00	53.37 2.57 0.00	48.25 2.78 0.00	54.87 3.59 -0.51	51.82 3.56 -0.47	54.87 3.89 -0.75	73.57 4.44 -2.31	77.36 4.46 -2.03	63.01 3.47 -1.07	52.07 2.53 0.00
JERICOHO_RISE_WT_PWR 323719	43.69 0.68 0.00	34.24 0.58 0.00	33.76 0.48 0.00	32.31 0.47 0.00	30.17 0.46 0.00	37.15 0.48 0.00	44.60 0.64 0.00	42.61 0.28 0.00	44.29 0.34 0.00	43.21 0.40 0.00	39.33 0.32 0.00	44.33 0.17 0.00	45.21 0.08 0.00	45.24 0.20 0.00	46.86 0.11 0.00	50.76 -0.04 0.00	44.92 -0.54 0.00	49.76 -0.99 0.00	47.14 -0.64 0.00	49.70 -0.52 0.00	66.83 0.00 0.00	71.33 0.45 0.00	58.88 0.42 0.00	49.88 0.35 0.00
KATONAH__115KV_46KV_TB4 355592	44.25 1.24 0.00	34.67 1.01 0.00	34.21 0.92 0.00	32.63 0.79 0.00	30.45 0.73 0.00	37.75 1.07 0.00	45.16 1.20 0.00	43.62 1.29 0.00	45.43 1.49 0.00	44.52 1.71 0.00	40.82 1.81 0.00	46.24 1.97 -0.11	46.99 1.87 0.00	68.46 1.76 -21.66	50.50 1.91 -1.84	53.09 2.28 0.00	48.12 2.66 0.00	53.90 3.15 0.00	50.12 2.34 0.00	52.21 1.98 0.00	68.75 1.93 0.00	72.40 1.52 0.00	59.57 1.11 0.00	50.54 1.01 0.00
KCE_NY_1 323755	44.61 1.60 0.00	34.91 1.25 0.00	34.58 1.30 0.00	33.07 1.23 0.00	30.89 1.18 0.00	38.25 1.57 0.00	45.78 1.77 -0.06	43.99 1.66 0.00	45.58 1.64 0.00	44.25 1.44 0.00	40.10 1.09 0.00	45.03 0.97 0.10	46.09 0.96 0.00	25.76 0.88 20.16	46.01 0.97 1.71	52.30 1.49 0.00	47.25 1.79 0.00	53.43 2.67 0.00	50.41 2.62 0.00	52.97 2.75 0.00	70.06 3.23 0.00	73.70 2.83 0.00	60.47 2.01 0.00	51.27 1.73 0.00
KCE_NY_6_ESR 323823	43.01 0.00 0.00	33.31 -0.34 0.00	32.88 -0.40 0.00	31.42 -0.42 0.00	29.43 -0.28 0.00	36.57 -0.11 0.00	42.83 -1.13 0.00	41.03 -1.30 0.00	42.85 -1.09 0.00	42.24 -0.57 0.00	39.06 0.06 0.00	46.30 2.14 0.00	48.23 3.10 0.00	48.32 3.28 0.00	50.01 3.26 0.00	54.08 3.27 0.00	48.25 2.78 0.00	54.32 3.57 0.00	50.87 3.08 0.00	53.41 3.18 0.00	69.47 2.64 0.00	73.84 2.97 0.00	61.89 3.43 0.00	52.50 2.97 0.00
KEDC_PORT_JEFF_GT2 24210	44.38 1.37 0.00	34.65 1.00 0.00	34.19 0.91 0.00	32.52 0.68 0.00	30.43 0.71 0.00	37.76 1.09 0.00	44.81 0.85 0.00	43.50 1.17 0.00	45.03 1.08 0.00	44.13 1.32 0.00	40.95 1.94 0.00	45.79 1.52 -0.11	46.52 1.39 0.00	68.04 1.38 -21.61	50.37 1.79 -1.83	52.95 2.14 0.01	48.15 2.68 0.00	52.81 2.69 0.64	49.07 1.54 0.25	51.17 0.94 0.00	58.33 0.34 8.84	52.32 0.47 19.02	45.68 0.33 13.11	39.98 0.29 9.84
KEDC_PORT_JEFF_GT3 24211	44.38 1.37 0.00	34.65 1.00 0.00	34.19 0.91 0.00	32.52 0.68 0.00	30.43 0.71 0.00	37.76 1.09 0.00	44.81 0.85 0.00	43.50 1.17 0.00	45.03 1.08 0.00	44.13 1.32 0.00	40.95 1.94 0.00	45.79 1.52 -0.11	46.52 1.39 0.00	68.04 1.38 -21.61	50.37 1.79 -1.83	52.95 2.14 0.01	48.15 2.68 0.00	52.81 2.69 0.64	49.07 1.54 0.25	51.17 0.94 0.00	58.33 0.34 8.84	52.32 0.47 19.02	45.68 0.33 13.11	39.98 0.29 9.84
KEDC_GLWD_GT4 24219	44.55 1.54 0.00	34.87 1.22 0.00	34.39 1.10 0.00	32.76 0.92 0.00	30.59 0.88 0.00	37.97 1.29 0.00	45.34 1.38 0.00	43.84 1.52 0.00	45.68 1.74 0.00	44.82 2.01 0.00	41.33 2.32 0.00	46.62 2.35 -0.11	47.29 2.16 0.00	68.68 2.02 -21.61	50.86 2.28 -1.83	53.49 2.68 0.00	48.30 2.84 0.00	53.91 3.15 0.00	49.96 2.17 0.00	51.97 1.74 0.00	66.93 1.55 1.45	66.76 1.28 5.39	55.89 1.22 3.79	47.78 1.10 2.85
KEDC_GLWD_GT5 24220	44.55 1.54 0.00	34.87 1.22 0.00	34.39 1.10 0.00	32.76 0.92 0.00	30.59 0.88 0.00	37.97 1.29 0.00	45.34 1.38 0.00	43.84 1.52 0.00	45.68 1.74 0.00	44.82 2.01 0.00	41.33 2.32 0.00	46.62 2.35 -0.11	47.29 2.16 0.00	68.68 2.02 -21.61	50.86 2.28 -1.83	53.49 2.68 0.00	48.30 2.84 0.00	53.91 3.15 0.00	49.96 2.17 0.00	51.97 1.74 0.00	66.93 1.55 1.45	66.76 1.28 5.39	55.89 1.22 3.79	47.78 1.10 2.85
KENSICO____ 23655	44.13 1.12 0.00	34.59 0.93 0.00	34.13 0.85 0.00	32.54 0.70 0.00	30.37 0.66 0.00	37.66 0.98 0.00	45.05 1.09 0.00	43.49 1.16 0.00	45.31 1.36 0.00	44.41 1.60 0.00	40.72 1.72 0.00	46.10 1.83 -0.11	46.85 1.72 0.00	68.15 1.55 -21.56	50.27 1.69 -1.83	52.84 2.03 0.00	47.93 2.47 0.00	53.63 2.87 0.00	49.83 2.05 0.00	51.88 1.66 0.00	68.36 1.54 0.00	72.01 1.13 0.00	59.29 0.83 0.00	50.35 0.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.44 1.44 0.00	34.75 1.10 0.00	34.26 0.97 0.00	32.69 0.85 0.00	30.50 0.79 0.00	37.79 1.11 0.00	45.24 1.28 0.00	43.67 1.34 0.00	45.48 1.54 0.00	44.58 1.78 0.00	40.89 1.88 0.00	45.09 1.80 0.87	46.85 1.72 0.00	59.75 1.67 -13.03	49.40 1.54 -1.11	52.72 1.91 0.00	47.95 2.49 0.00	53.92 3.16 0.00	50.30 2.52 0.00	52.55 2.32 0.00	69.51 2.69 0.00	73.34 2.46 0.00	60.28 1.82 0.00	51.00 1.46 0.00

KIAC_JFK_GT1 23816	43.99 0.99 0.00	34.66 1.00 0.00	34.19 0.90 0.00	32.56 0.72 0.00	30.36 0.64 0.00	37.59 0.91 0.00	44.93 0.98 0.00	43.32 1.00 0.00	45.22 1.28 0.00	44.42 1.61 0.00	40.61 1.60 0.00	45.96 1.69 -0.11	46.63 1.51 0.00	67.91 1.25 -21.61	50.00 1.42 -1.83	52.49 1.69 0.00	47.74 2.28 0.00	53.29 2.53 0.00	49.47 1.69 0.00	51.46 1.23 0.00	69.81 0.95 -2.03	71.64 0.50 -0.27	59.00 0.54 0.00	50.12 0.59 0.00
KIAC_JFK_GT2 23817	43.99 0.99 0.00	34.66 1.00 0.00	34.19 0.90 0.00	32.56 0.72 0.00	30.36 0.64 0.00	37.59 0.91 0.00	44.93 0.98 0.00	43.32 1.00 0.00	45.22 1.28 0.00	44.42 1.61 0.00	40.61 1.60 0.00	45.96 1.69 -0.11	46.63 1.51 0.00	67.91 1.25 -21.61	50.00 1.42 -1.83	52.49 1.69 0.00	47.74 2.28 0.00	53.29 2.53 0.00	49.47 1.69 0.00	51.46 1.23 0.00	69.81 0.95 -2.03	71.64 0.50 -0.27	59.00 0.54 0.00	50.12 0.59 0.00
KIAC_JFK____ 323774	43.99 0.99 0.00	34.66 1.00 0.00	34.19 0.90 0.00	32.56 0.72 0.00	30.35 0.64 0.00	37.59 0.91 0.00	44.93 0.98 0.00	43.32 1.00 0.00	45.22 1.28 0.00	44.42 1.61 0.00	40.61 1.60 0.00	45.96 1.69 -0.11	46.64 1.51 0.00	67.91 1.26 -21.61	50.00 1.42 -1.83	52.49 1.68 0.00	47.74 2.28 0.00	53.29 2.53 0.00	49.47 1.69 0.00	51.45 1.23 0.00	69.79 0.93 -2.03	71.63 0.49 -0.27	59.00 0.53 0.00	50.13 0.59 0.00
KINTIGH__24_KV_GSU 356498	42.41 -0.60 0.00	32.93 -0.73 0.00	32.54 -0.74 0.00	31.10 -0.74 0.00	29.15 -0.56 0.00	36.15 -0.53 0.00	42.40 -1.56 0.00	40.43 -1.90 0.00	42.17 -1.77 0.00	41.40 -1.42 0.00	38.20 -0.81 0.00	45.07 0.91 0.00	46.82 1.69 0.00	46.77 1.73 0.00	48.35 1.60 0.00	52.27 1.47 0.00	46.64 1.17 0.00	52.48 1.73 0.00	49.18 1.40 0.00	51.62 1.39 0.00	67.45 0.62 0.00	71.83 0.96 0.00	60.13 1.66 0.00	50.97 1.44 0.00
KINTIGH____ 23543	42.38 -0.63 0.00	32.91 -0.75 0.00	32.51 -0.77 0.00	31.07 -0.77 0.00	29.12 -0.59 0.00	36.12 -0.56 0.00	42.35 -1.61 0.00	40.39 -1.94 0.00	42.14 -1.80 0.00	41.36 -1.45 0.00	38.15 -0.85 0.00	45.03 0.87 0.00	46.78 1.65 0.00	46.75 1.70 0.00	48.32 1.57 0.00	52.23 1.42 0.00	46.60 1.14 0.00	52.44 1.69 0.00	49.16 1.38 0.00	51.57 1.34 0.00	67.40 0.57 0.00	71.77 0.90 0.00	60.07 1.61 0.00	50.93 1.40 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.08 1.07 0.00	34.57 0.92 0.00	34.08 0.79 0.00	32.62 0.78 0.00	30.46 0.75 0.00	37.54 0.86 0.00	45.09 1.13 0.00	42.81 0.48 0.00	44.47 0.53 0.00	43.34 0.53 0.00	39.40 0.39 0.00	44.29 0.13 0.00	45.16 0.03 0.00	45.21 0.16 0.00	46.83 0.08 0.00	50.74 -0.07 0.00	44.94 -0.52 0.00	49.88 -0.88 0.00	47.32 -0.46 0.00	49.97 -0.26 0.00	67.18 0.35 0.00	71.66 0.78 0.00	59.07 0.61 0.00	50.00 0.47 0.00
LACHUTE____HYDRO 323717	47.03 4.02 0.00	36.71 3.05 0.00	36.10 2.82 0.00	34.50 2.66 0.00	32.25 2.54 0.00	39.82 3.14 0.00	47.83 3.83 -0.05	46.17 3.85 0.00	47.58 3.64 0.00	45.86 3.05 0.00	41.54 2.53 0.00	46.55 2.49 0.10	47.85 2.72 0.00	28.08 2.54 19.50	47.97 2.87 1.65	55.08 4.27 0.00	49.98 4.52 0.00	57.04 6.28 0.00	54.13 6.35 0.00	56.86 6.63 0.00	75.26 8.43 0.00	76.98 6.11 0.00	63.30 4.83 0.00	53.97 4.44 0.00
LAWRNCAY_115KV_TB1 80681	44.88 1.87 0.00	35.13 1.47 0.00	34.67 1.39 0.00	33.15 1.31 0.00	30.94 1.22 0.00	38.09 1.41 0.00	45.72 1.76 0.00	43.62 1.29 0.00	45.24 1.30 0.00	43.99 1.17 0.00	40.01 1.01 0.00	45.13 0.97 0.00	45.92 0.79 0.00	45.95 0.90 0.00	47.54 0.79 0.00	51.34 0.53 0.00	45.23 -0.23 0.00	49.73 -1.03 0.00	47.43 -0.35 0.00	50.27 0.04 0.00	67.85 1.02 0.00	73.10 2.23 0.00	60.55 2.09 0.00	51.26 1.73 0.00
LEDERLE____ 23769	44.12 1.12 0.00	34.56 0.90 0.00	34.11 0.83 0.00	32.52 0.68 0.00	30.35 0.64 0.00	37.65 0.97 0.00	45.07 1.11 0.00	43.48 1.16 0.00	45.28 1.34 0.00	44.39 1.58 0.00	40.70 1.70 0.00	46.15 1.89 -0.10	47.01 1.89 0.00	66.90 1.74 -20.12	50.36 1.90 -1.70	53.08 2.27 0.00	48.14 2.68 0.00	53.86 3.11 0.00	50.07 2.29 0.00	52.15 1.92 0.00	68.69 1.86 0.00	72.32 1.45 0.00	59.53 1.07 0.00	50.47 0.94 0.00
LIGHTHSE_115KV_TB6 355974	43.32 0.31 0.00	33.84 0.18 0.00	33.44 0.15 0.00	31.96 0.12 0.00	29.86 0.15 0.00	36.98 0.30 0.00	44.31 0.36 0.00	42.75 0.42 0.00	44.32 0.38 0.00	42.90 0.09 0.00	38.95 -0.06 0.00	44.13 -0.03 0.00	45.08 -0.06 0.00	45.09 0.05 0.00	46.77 0.02 0.00	50.73 -0.08 0.00	45.54 0.06 -0.01	52.87 0.37 -1.75	50.06 0.67 -1.61	53.80 1.02 -2.55	76.11 1.46 -7.82	79.39 1.64 -6.88	63.31 1.21 -3.63	50.29 0.75 -0.01
LINDEN COGEN____ 23786	44.07 1.07 0.00	34.58 0.93 0.00	34.11 0.82 0.00	32.49 0.65 0.00	30.32 0.60 0.00	37.61 0.93 0.00	45.00 1.04 0.00	43.49 1.17 0.00	45.33 1.39 0.00	44.50 1.69 0.00	40.84 1.83 0.00	46.22 1.95 -0.11	46.95 1.82 0.00	68.28 1.63 -21.61	50.34 1.76 -1.83	52.86 2.05 0.00	48.03 2.57 0.00	53.63 2.88 0.00	49.74 1.96 0.00	51.69 1.46 0.00	68.05 1.22 0.00	71.65 0.78 0.00	59.05 0.59 0.00	50.21 0.67 0.00
LINDHRST_69_KV_BK1 356055	44.87 1.86 0.00	35.07 1.42 0.00	34.56 1.27 0.00	32.88 1.04 0.00	30.74 1.03 0.00	38.16 1.49 0.00	45.38 1.42 0.00	43.98 1.65 0.00	45.79 1.85 0.00	44.91 2.10 0.00	41.61 2.60 0.00	46.60 2.33 -0.11	47.07 1.94 0.00	68.52 1.86 -21.61	50.77 2.18 -1.83	53.48 2.68 0.01	48.72 3.26 0.00	54.08 3.55 0.22	50.06 2.37 0.09	52.14 1.91 0.00	61.62 1.71 6.92	56.39 1.57 16.06	48.56 1.18 11.08	42.27 1.05 8.32
LIPA_MISC_IPP 23656	44.27 1.26 0.00	34.50 0.85 0.00	34.08 0.80 0.00	32.43 0.59 0.00	30.34 0.62 0.00	37.63 0.96 0.00	44.60 0.65 0.00	43.40 1.07 0.00	45.14 1.20 0.00	44.18 1.38 0.00	40.99 1.98 0.00	45.83 1.56 -0.11	46.25 1.12 0.00	67.79 1.14 -21.61	50.12 1.53 -1.83	52.75 1.95 0.01	48.10 2.63 0.00	53.36 3.07 0.47	49.48 1.88 0.18	51.56 1.33 0.00	59.08 0.90 8.65	52.42 0.65 19.10	45.62 0.33 13.17	39.88 0.22 9.88
LISF____SOLAR 323691	44.33 1.33 0.00	34.56 0.90 0.00	34.15 0.87 0.00	32.49 0.65 0.00	30.39 0.68 0.00	37.70 1.02 0.00	44.68 0.73 0.00	43.48 1.15 0.00	45.23 1.29 0.00	44.26 1.45 0.00	41.06 2.05 0.00	45.96 1.69 -0.11	46.35 1.22 0.00	67.89 1.23 -21.61	50.23 1.65 -1.83	52.87 2.07 0.01	48.21 2.75 0.00	53.49 3.23 0.49	49.65 2.06 0.19	51.72 1.49 0.00	59.22 1.05 8.67	52.64 0.84 19.07	45.78 0.46 13.15	39.98 0.32 9.87
LITTLE FALLS____HYD 24013	42.86 -0.14 0.00	33.45 -0.21 0.00	33.11 -0.17 0.00	31.73 -0.11 0.00	29.62 -0.09 0.00	36.80 0.12 0.00	43.86 -0.10 0.00	42.27 -0.05 0.00	43.56 -0.38 0.00	41.97 -0.84 0.00	37.81 -1.20 0.00	42.37 -1.79 0.00	43.39 -1.75 0.00	43.13 -1.91 0.00	45.00 -1.75 0.00	49.30 -1.51 0.00	44.52 -0.94 0.00	50.86 0.10 0.00	48.37 0.59 0.00	51.21 0.98 0.00	67.64 0.82 0.00	71.13 0.26 0.00	58.10 -0.36 0.00	49.06 -0.48 0.00

LITTLRIV_115KV_TB1 356100	45.57 2.57 0.00	35.69 2.04 0.00	35.24 1.95 0.00	33.69 1.85 0.00	31.42 1.71 0.00	38.69 2.02 0.00	46.46 2.50 0.00	44.25 1.92 0.00	45.78 1.84 0.00	44.32 1.51 0.00	40.26 1.25 0.00	45.31 1.15 0.00	46.05 0.93 0.00	46.10 1.06 0.00	47.66 0.91 0.00	51.47 0.66 0.00	45.35 -0.12 0.00	49.91 -0.85 0.00	47.80 0.02 0.00	51.00 0.77 0.00	69.07 2.25 0.00	74.46 3.59 0.00	61.62 3.15 0.00	52.10 2.57 0.00
LI_NEWBRDGE___DRP 323616	44.22 1.22 0.00	34.59 0.94 0.00	34.11 0.83 0.00	32.48 0.64 0.00	30.37 0.66 0.00	37.71 1.03 0.00	44.89 0.93 0.00	43.44 1.11 0.00	45.23 1.29 0.00	44.36 1.55 0.00	41.00 1.99 0.00	45.95 1.68 -0.11	46.45 1.32 0.00	67.86 1.20 -21.61	50.07 1.49 -1.83	52.69 1.88 0.01	47.89 2.43 0.00	53.39 2.64 0.00	49.39 1.61 0.00	51.38 1.15 0.00	58.42 0.78 9.19	50.59 0.54 20.82	44.52 0.37 14.31	39.17 0.38 10.74
LOCKPORT_115KV_TB60_63_64 80432	42.74 -0.26 0.00	33.13 -0.52 0.00	32.73 -0.56 0.00	31.26 -0.58 0.00	29.31 -0.41 0.00	36.33 -0.35 0.00	42.41 -1.55 0.00	40.34 -1.99 0.00	41.95 -1.99 0.00	41.20 -1.61 0.00	37.98 -1.03 0.00	45.03 0.87 0.00	46.84 1.71 0.00	46.85 1.81 0.00	48.45 1.70 0.00	52.39 1.58 0.00	46.70 1.24 0.00	52.55 1.80 0.00	49.26 1.47 0.00	51.75 1.52 0.00	67.45 0.62 0.00	71.86 0.99 0.00	60.49 2.03 0.00	51.44 1.90 0.00
LOCKPORT___CC1 323769	42.66 -0.34 0.00	33.08 -0.58 0.00	32.67 -0.61 0.00	31.21 -0.63 0.00	29.26 -0.45 0.00	36.28 -0.40 0.00	42.34 -1.61 0.00	40.29 -2.04 0.00	41.93 -2.01 0.00	41.17 -1.64 0.00	37.92 -1.09 0.00	44.93 0.77 0.00	46.70 1.57 0.00	46.70 1.65 0.00	48.30 1.54 0.00	52.22 1.41 0.00	46.52 1.05 0.00	52.32 1.56 0.00	49.01 1.23 0.00	51.52 1.30 0.00	67.14 0.31 0.00	71.57 0.69 0.00	60.21 1.75 0.00	51.20 1.67 0.00
LOCKPORT___CC2 323770	42.66 -0.34 0.00	33.08 -0.58 0.00	32.67 -0.61 0.00	31.21 -0.63 0.00	29.26 -0.45 0.00	36.28 -0.40 0.00	42.34 -1.61 0.00	40.29 -2.04 0.00	41.93 -2.01 0.00	41.17 -1.64 0.00	37.92 -1.09 0.00	44.93 0.77 0.00	46.70 1.57 0.00	46.70 1.65 0.00	48.30 1.54 0.00	52.22 1.41 0.00	46.52 1.05 0.00	52.32 1.56 0.00	49.01 1.23 0.00	51.52 1.30 0.00	67.14 0.31 0.00	71.57 0.69 0.00	60.21 1.75 0.00	51.20 1.67 0.00
LOCKPORT___CC3 323771	42.66 -0.34 0.00	33.08 -0.58 0.00	32.67 -0.61 0.00	31.21 -0.63 0.00	29.26 -0.45 0.00	36.28 -0.40 0.00	42.34 -1.61 0.00	40.29 -2.04 0.00	41.93 -2.01 0.00	41.17 -1.64 0.00	37.92 -1.09 0.00	44.93 0.77 0.00	46.70 1.57 0.00	46.70 1.65 0.00	48.30 1.54 0.00	52.22 1.41 0.00	46.52 1.05 0.00	52.32 1.56 0.00	49.01 1.23 0.00	51.52 1.30 0.00	67.14 0.31 0.00	71.57 0.69 0.00	60.21 1.75 0.00	51.20 1.67 0.00
LOCUSVLY_69_KV_BK2 55797	44.69 1.69 0.00	34.97 1.31 0.00	34.46 1.18 0.00	32.82 0.98 0.00	30.65 0.93 0.00	38.04 1.37 0.00	45.36 1.40 0.00	43.89 1.56 0.00	45.73 1.79 0.00	44.89 2.08 0.00	41.50 2.50 0.00	46.63 2.36 -0.11	47.24 2.11 0.00	68.68 2.02 -21.61	50.91 2.32 -1.83	53.59 2.78 0.00	48.51 3.05 0.00	54.11 3.35 0.00	50.08 2.30 0.00	52.08 1.85 0.00	65.10 1.73 3.46	63.34 1.45 8.99	53.37 1.13 6.22	45.87 1.01 4.67
LONG_LAKE_PHOENIX 24014	42.15 -0.86 0.00	32.94 -0.71 0.00	32.57 -0.72 0.00	31.16 -0.68 0.00	29.09 -0.63 0.00	35.99 -0.69 0.00	43.15 -0.81 0.00	41.66 -0.67 0.00	43.23 -0.71 0.00	42.01 -0.81 0.00	38.21 -0.80 0.00	43.43 -0.73 0.00	44.50 -0.63 0.00	44.50 -0.55 0.00	46.23 -0.52 0.00	50.24 -0.57 0.00	45.21 -0.27 -0.02	53.34 -0.05 -2.63	50.20 -0.01 -2.42	54.08 0.01 -3.84	78.22 -0.39 -11.78	80.67 -0.58 -10.37	63.34 -0.60 -5.48	48.90 -0.64 -0.01
LOVETT___3 23632	43.83 0.83 0.00	34.36 0.71 0.00	33.93 0.64 0.00	32.35 0.51 0.00	30.19 0.48 0.00	37.44 0.76 0.00	44.79 0.83 0.00	43.21 0.89 0.00	44.99 1.05 0.00	44.07 1.26 0.00	40.40 1.39 0.00	45.76 1.50 -0.10	46.55 1.42 0.00	66.73 1.26 -20.42	49.88 1.40 -1.73	52.52 1.71 0.00	47.64 2.17 0.00	53.30 2.54 0.00	49.55 1.77 0.00	51.63 1.40 0.00	68.03 1.20 0.00	71.65 0.77 0.00	59.01 0.54 0.00	50.06 0.53 0.00
LOVETT___4 23642	43.83 0.83 0.00	34.36 0.71 0.00	33.93 0.64 0.00	32.35 0.51 0.00	30.19 0.48 0.00	37.44 0.76 0.00	44.79 0.83 0.00	43.21 0.89 0.00	44.99 1.05 0.00	44.07 1.26 0.00	40.40 1.39 0.00	45.76 1.50 -0.10	46.55 1.42 0.00	66.73 1.26 -20.42	49.88 1.40 -1.73	52.52 1.71 0.00	47.64 2.17 0.00	53.30 2.54 0.00	49.55 1.77 0.00	51.63 1.40 0.00	68.03 1.20 0.00	71.65 0.77 0.00	59.01 0.54 0.00	50.06 0.53 0.00
LOVETT___5 23593	43.83 0.83 0.00	34.36 0.71 0.00	33.93 0.64 0.00	32.35 0.51 0.00	30.19 0.48 0.00	37.44 0.76 0.00	44.79 0.83 0.00	43.21 0.89 0.00	44.99 1.05 0.00	44.07 1.26 0.00	40.40 1.39 0.00	45.76 1.50 -0.10	46.55 1.42 0.00	66.73 1.26 -20.42	49.88 1.40 -1.73	52.52 1.71 0.00	47.64 2.17 0.00	53.30 2.54 0.00	49.55 1.77 0.00	51.63 1.40 0.00	68.03 1.20 0.00	71.65 0.77 0.00	59.01 0.54 0.00	50.06 0.53 0.00
LOWER RAQUET___HYD 24057	45.00 2.00 0.00	35.22 1.57 0.00	34.76 1.47 0.00	33.24 1.40 0.00	31.00 1.29 0.00	38.19 1.51 0.00	45.85 1.90 0.00	43.73 1.40 0.00	45.34 1.40 0.00	44.06 1.24 0.00	40.06 1.05 0.00	45.17 1.01 0.00	45.95 0.82 0.00	45.98 0.94 0.00	47.56 0.81 0.00	51.37 0.56 0.00	45.21 -0.25 0.00	49.68 -1.08 0.00	47.41 -0.37 0.00	50.30 0.07 0.00	67.94 1.12 0.00	73.29 2.42 0.00	60.75 2.28 0.00	51.40 1.87 0.00
LOWER___HUDSON 24059	43.90 0.90 0.00	34.42 0.76 0.00	34.14 0.85 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.73 1.05 0.00	45.13 1.05 -0.13	43.34 1.02 0.00	44.87 0.93 0.00	43.58 0.77 0.00	39.56 0.55 0.00	44.45 0.42 0.13	45.42 0.29 0.00	19.21 0.15 25.98	44.71 0.16 2.20	51.36 0.56 0.00	46.29 0.83 0.00	52.25 1.49 0.00	49.05 1.26 0.00	51.49 1.26 0.00	68.17 1.35 0.00	71.84 0.97 0.00	59.18 0.72 0.00	50.27 0.74 0.00
LOWVILLE_115KV_TB2 356335	45.34 2.34 0.00	35.38 1.73 0.00	34.94 1.65 0.00	33.38 1.55 0.00	31.18 1.47 0.00	38.61 1.94 0.00	46.31 2.35 0.00	44.74 2.42 0.00	46.38 2.44 0.00	44.68 1.87 0.00	40.50 1.50 0.00	45.76 1.60 0.00	46.57 1.44 0.00	46.50 1.46 0.00	48.08 1.33 0.00	52.30 1.49 0.00	46.84 1.38 0.00	53.06 1.74 -0.56	50.56 2.26 -0.52	54.16 3.11 -0.82	74.07 4.72 -2.52	78.36 5.28 -2.21	63.70 4.07 -1.17	52.63 3.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.61 1.61 0.00	34.91 1.25 0.00	34.59 1.30 0.00	33.08 1.24 0.00	30.89 1.18 0.00	38.23 1.56 0.00	45.73 1.72 -0.06	43.98 1.65 0.00	45.54 1.60 0.00	44.22 1.41 0.00	40.08 1.07 0.00	45.03 0.97 0.10	46.05 0.92 0.00	25.71 0.83 20.16	45.98 0.94 1.71	52.26 1.45 0.00	47.19 1.73 0.00	53.36 2.60 0.00	50.32 2.53 0.00	52.86 2.64 0.00	69.96 3.13 0.00	73.55 2.68 0.00	60.46 1.99 0.00	51.25 1.71 0.00

LUTHERNY_35_KV_BK2 355980	44.61 1.60 0.00	34.91 1.25 0.00	34.58 1.30 0.00	33.07 1.23 0.00	30.89 1.18 0.00	38.25 1.57 0.00	45.78 1.77 -0.06	43.99 1.66 0.00	45.58 1.64 0.00	44.25 1.44 0.00	40.10 1.10 0.00	45.03 0.97 0.10	46.09 0.96 0.00	25.76 0.88 20.16	46.01 0.97 1.71	52.30 1.49 0.00	47.25 1.79 0.00	53.43 2.67 0.00	50.41 2.62 0.00	52.98 2.75 0.00	70.06 3.23 0.00	73.70 2.82 0.00	60.48 2.01 0.00	51.27 1.73 0.00
LWR__OSWEGATCHIE_HYD 23850	45.20 2.19 0.00	35.31 1.66 0.00	34.86 1.57 0.00	33.32 1.48 0.00	31.10 1.39 0.00	38.42 1.74 0.00	46.08 2.12 0.00	44.06 1.73 0.00	45.66 1.72 0.00	44.21 1.40 0.00	40.16 1.15 0.00	45.30 1.13 0.00	46.06 0.93 0.00	46.09 1.04 0.00	47.67 0.92 0.00	51.60 0.79 0.00	45.72 0.25 0.00	50.99 -0.13 -0.36	48.64 0.53 -0.33	51.90 1.14 -0.53	70.86 2.41 -1.63	75.77 3.46 -1.43	62.16 2.94 -0.76	51.83 2.30 0.00
LYONS_FALL_HYD 23570	44.83 1.83 0.00	35.00 1.34 0.00	34.57 1.29 0.00	33.05 1.21 0.00	30.85 1.14 0.00	38.21 1.53 0.00	45.82 1.86 0.00	44.36 2.03 0.00	46.08 2.14 0.00	44.51 1.70 0.00	40.41 1.41 0.00	45.71 1.55 0.00	46.60 1.48 0.00	46.41 1.37 0.00	48.01 1.26 0.00	52.23 1.42 0.00	46.88 1.42 0.00	53.00 1.83 -0.41	50.32 2.16 -0.38	53.58 2.75 -0.60	72.58 3.91 -1.84	76.73 4.24 -1.62	62.55 3.23 -0.86	52.00 2.47 0.00
MADISON__COUNTY_LFGE 323628	44.20 1.20 0.00	34.50 0.85 0.00	34.10 0.82 0.00	32.60 0.76 0.00	30.43 0.72 0.00	37.69 1.02 0.00	45.20 1.24 0.00	43.56 1.24 0.00	45.20 1.26 0.00	43.80 0.99 0.00	39.89 0.88 0.00	45.23 1.07 0.00	46.29 1.16 0.00	46.26 1.21 0.00	48.03 1.28 0.00	52.27 1.46 0.00	47.07 1.60 0.00	53.38 2.18 -0.44	50.47 2.29 -0.41	53.46 2.58 -0.64	71.99 3.19 -1.97	75.78 3.16 -1.74	61.74 2.36 -0.92	51.32 1.78 0.00
MALONE__115KV_TB1 356076	44.51 1.50 0.00	34.84 1.19 0.00	34.34 1.06 0.00	32.85 1.01 0.00	30.67 0.96 0.00	37.78 1.11 0.00	45.38 1.43 0.00	43.36 1.03 0.00	45.07 1.13 0.00	43.92 1.12 0.00	39.93 0.93 0.00	45.05 0.88 0.00	45.86 0.74 0.00	45.89 0.85 0.00	47.51 0.76 0.00	51.44 0.63 0.00	45.50 0.04 0.00	50.43 -0.33 0.00	47.90 0.12 0.00	50.63 0.41 0.00	68.15 1.33 0.00	72.93 2.05 0.00	60.16 1.70 0.00	50.87 1.34 0.00
MAPLEWOD_115KV_TB3 80458	43.45 0.45 0.00	34.05 0.40 0.00	33.81 0.53 0.00	32.40 0.56 0.00	30.25 0.54 0.00	37.37 0.69 0.00	44.46 0.58 0.07	42.93 0.60 0.00	44.49 0.54 0.00	43.29 0.47 0.00	39.33 0.33 0.00	44.23 0.17 0.10	45.19 0.06 0.00	25.58 -0.03 19.43	45.12 0.02 1.65	51.15 0.35 0.00	46.14 0.68 0.00	52.01 1.25 0.00	48.75 0.97 0.00	51.13 0.90 0.00	67.65 0.82 0.00	71.31 0.44 0.00	58.74 0.28 0.00	49.83 0.30 0.00
MAPLE_RIDGE_WT_1 323574	43.13 0.13 0.00	33.76 0.11 0.00	33.38 0.09 0.00	31.93 0.10 0.00	29.80 0.09 0.00	36.73 0.05 0.00	44.03 0.07 0.00	42.35 0.02 0.00	43.97 0.02 0.00	42.87 0.06 0.00	39.05 0.04 0.00	44.18 0.02 0.00	45.13 0.00 0.00	45.05 0.00 0.00	46.73 -0.02 0.00	50.76 -0.05 0.00	45.32 -0.14 0.00	50.54 -0.21 0.00	47.59 -0.19 0.00	50.04 -0.18 0.00	66.80 -0.03 0.00	70.94 0.07 0.00	58.55 0.08 0.00	49.61 0.07 0.00
MAPLE_RIDGE_WT_2 323611	43.13 0.13 0.00	33.76 0.11 0.00	33.38 0.09 0.00	31.93 0.10 0.00	29.80 0.09 0.00	36.73 0.05 0.00	44.03 0.07 0.00	42.35 0.02 0.00	43.97 0.02 0.00	42.87 0.06 0.00	39.05 0.04 0.00	44.18 0.02 0.00	45.13 0.00 0.00	45.05 0.00 0.00	46.73 -0.02 0.00	50.76 -0.05 0.00	45.32 -0.14 0.00	50.54 -0.21 0.00	47.59 -0.19 0.00	50.04 -0.18 0.00	66.80 -0.03 0.00	70.94 0.07 0.00	58.55 0.08 0.00	49.61 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	43.69 0.68 0.00	34.26 0.60 0.00	33.78 0.49 0.00	32.33 0.49 0.00	30.18 0.47 0.00	37.19 0.51 0.00	44.63 0.67 0.00	42.58 0.26 0.00	44.26 0.32 0.00	43.17 0.36 0.00	39.29 0.28 0.00	44.26 0.10 0.00	45.14 0.01 0.00	45.17 0.13 0.00	46.79 0.04 0.00	50.70 -0.11 0.00	44.89 -0.58 0.00	49.75 -1.01 0.00	47.13 -0.65 0.00	49.70 -0.53 0.00	66.75 -0.08 0.00	71.23 0.36 0.00	58.78 0.31 0.00	49.79 0.26 0.00
MARSHVLE_115KV_TB1 80742	45.86 2.86 0.00	35.75 2.10 0.00	35.21 1.93 0.00	33.57 1.73 0.00	31.34 1.63 0.00	38.78 2.10 0.00	46.60 2.65 0.00	44.67 2.34 0.00	46.21 2.27 0.00	44.72 1.91 0.00	40.57 1.56 0.00	45.95 1.85 0.06	47.19 2.06 0.00	35.50 2.12 11.67	48.00 2.23 0.99	53.12 2.31 0.00	47.61 2.15 0.00	53.40 2.64 0.00	50.76 2.98 0.00	53.98 3.75 0.00	71.97 5.14 0.00	76.42 5.55 0.00	63.05 4.58 0.00	53.22 3.68 0.00
MARSH_HILL_WT_PWR 323713	43.34 0.34 0.00	33.74 0.08 0.00	33.30 0.02 0.00	31.88 0.04 0.00	29.84 0.12 0.00	37.09 0.42 0.00	43.96 0.00 0.00	41.76 -0.56 0.00	43.31 -0.63 0.00	42.48 -0.33 0.00	38.98 -0.03 0.00	45.24 1.08 0.00	46.85 1.72 0.00	46.86 1.82 0.00	48.74 1.98 0.00	52.60 1.79 0.00	47.29 1.83 0.00	53.65 2.55 -0.35	50.33 2.23 -0.32	53.34 2.61 -0.51	70.67 2.29 -1.55	74.74 2.51 -1.36	61.54 2.35 -0.72	51.42 1.88 0.00
MCINTYRE_115KV_TB2 80467	45.75 2.74 0.00	35.83 2.17 0.00	35.37 2.09 0.00	33.83 1.98 0.00	31.54 1.83 0.00	38.83 2.15 0.00	46.64 2.69 0.00	44.39 2.06 0.00	45.88 1.94 0.00	44.34 1.54 0.00	40.32 1.31 0.00	45.29 1.13 0.00	46.05 0.93 0.00	46.09 1.05 0.00	47.67 0.92 0.00	51.47 0.66 0.00	45.35 -0.11 0.00	49.99 -0.77 0.00	47.92 0.14 0.00	51.24 1.01 0.00	69.49 2.66 0.00	74.78 3.91 0.00	61.85 3.38 0.00	52.30 2.77 0.00
MECO____69_KV_BK1 80468	45.95 2.94 0.00	35.85 2.20 0.00	35.37 2.08 0.00	33.76 1.92 0.00	31.53 1.82 0.00	39.03 2.35 0.00	46.82 2.86 0.00	44.91 2.58 0.00	46.32 2.38 0.00	44.58 1.77 0.00	40.25 1.24 0.00	45.16 1.06 0.06	46.31 1.18 0.00	33.28 1.18 12.94	46.95 1.30 1.10	52.28 1.47 0.00	47.22 1.76 0.00	53.52 2.77 0.00	51.16 3.37 0.00	54.55 4.32 0.00	72.66 5.83 0.00	76.82 5.95 0.00	63.22 4.75 0.00	53.32 3.79 0.00
MENANDS__115KV_TB5 355628	43.08 0.08 0.00	33.78 0.13 0.00	33.57 0.28 0.00	32.18 0.34 0.00	30.04 0.33 0.00	37.10 0.43 0.00	44.12 0.23 0.07	42.60 0.27 0.00	44.15 0.21 0.00	42.97 0.16 0.00	39.04 0.04 0.00	43.90 -0.16 0.10	44.84 -0.29 0.00	25.27 -0.40 19.37	44.72 -0.39 1.64	50.70 -0.11 0.00	45.70 0.24 0.00	51.47 0.72 0.00	48.21 0.42 0.00	50.54 0.31 0.00	66.87 0.05 0.00	70.52 -0.35 0.00	58.12 -0.35 0.00	49.33 -0.20 0.00
MG INDUSTRY__DRP 24185	42.24 -0.76 0.00	33.13 -0.53 0.00	32.90 -0.38 0.00	31.55 -0.29 0.00	29.45 -0.26 0.00	36.37 -0.30 0.00	43.30 -0.61 0.04	41.73 -0.59 0.00	43.21 -0.73 0.00	41.99 -0.82 0.00	38.12 -0.89 0.00	36.57 -1.37 6.22	43.59 -1.54 0.00	32.59 -1.61 10.85	44.14 -1.70 0.92	49.18 -1.62 0.00	44.31 -1.15 0.00	49.87 -0.88 0.00	46.93 -0.86 0.00	49.31 -0.92 0.00	65.37 -1.46 0.00	69.03 -1.84 0.00	56.92 -1.55 0.00	48.31 -1.22 0.00

MID___OSWEGATCHIE_HYD 23849	45.20 2.19 0.00	35.31 1.66 0.00	34.86 1.57 0.00	33.32 1.48 0.00	31.10 1.39 0.00	38.42 1.74 0.00	46.08 2.12 0.00	44.06 1.73 0.00	45.66 1.72 0.00	44.21 1.40 0.00	40.16 1.15 0.00	45.30 1.13 0.00	46.06 0.93 0.00	46.09 1.04 0.00	47.67 0.92 0.00	51.60 0.79 0.00	45.72 0.25 0.00	50.99 -0.13 -0.36	48.64 0.53 -0.33	51.90 1.14 -0.53	70.86 2.41 -1.63	75.77 3.46 -1.43	62.16 2.94 -0.76	51.83 2.30 0.00
MID___RAQUETTE_HYD 23851	45.00 2.00 0.00	35.22 1.57 0.00	34.76 1.47 0.00	33.24 1.40 0.00	31.00 1.29 0.00	38.19 1.51 0.00	45.85 1.90 0.00	43.73 1.40 0.00	45.34 1.40 0.00	44.06 1.24 0.00	40.06 1.05 0.00	45.17 1.01 0.00	45.95 0.82 0.00	45.98 0.94 0.00	47.56 0.81 0.00	51.37 0.56 0.00	45.21 -0.25 0.00	49.68 -1.08 0.00	47.41 -0.37 0.00	50.31 0.08 0.00	67.95 1.12 0.00	73.30 2.42 0.00	60.75 2.28 0.00	51.40 1.87 0.00
MILLIKEN___1 23584	43.56 0.55 0.00	33.98 0.33 0.00	33.57 0.28 0.00	32.08 0.24 0.00	30.00 0.28 0.00	37.17 0.50 0.00	44.50 0.55 0.00	42.82 0.49 0.00	44.37 0.43 0.00	43.13 0.32 0.00	39.28 0.27 0.00	44.63 0.47 0.00	45.84 0.72 0.00	45.88 0.84 0.00	47.78 1.02 0.00	51.82 1.01 0.00	46.60 1.14 -0.01	53.45 1.76 -0.93	50.55 1.91 -0.86	53.79 2.20 -1.36	73.40 2.42 -4.16	76.92 2.38 -3.66	62.22 1.82 -1.93	50.81 1.27 0.00
MILLIKEN___2 23585	43.56 0.55 0.00	33.98 0.33 0.00	33.57 0.28 0.00	32.08 0.24 0.00	30.00 0.28 0.00	37.17 0.50 0.00	44.50 0.55 0.00	42.82 0.49 0.00	44.37 0.43 0.00	43.13 0.32 0.00	39.28 0.27 0.00	44.63 0.47 0.00	45.84 0.72 0.00	45.88 0.84 0.00	47.78 1.02 0.00	51.82 1.01 0.00	46.60 1.14 -0.01	53.45 1.76 -0.93	50.55 1.91 -0.86	53.79 2.20 -1.36	73.40 2.42 -4.16	76.92 2.38 -3.66	62.22 1.82 -1.93	50.81 1.27 0.00
MILLIKEN___DIESEL 23629	43.56 0.55 0.00	33.98 0.33 0.00	33.57 0.28 0.00	32.08 0.24 0.00	30.00 0.28 0.00	37.17 0.50 0.00	44.50 0.55 0.00	42.82 0.49 0.00	44.37 0.43 0.00	43.13 0.32 0.00	39.28 0.27 0.00	44.63 0.47 0.00	45.84 0.72 0.00	45.88 0.84 0.00	47.78 1.02 0.00	51.82 1.01 0.00	46.60 1.14 -0.01	53.45 1.76 -0.93	50.55 1.91 -0.86	53.79 2.20 -1.36	73.40 2.42 -4.16	76.92 2.38 -3.66	62.22 1.82 -1.93	50.81 1.27 0.00
MILLSEAT___LFGE 323607	43.50 0.49 0.00	33.74 0.09 0.00	33.30 0.01 0.00	31.80 -0.05 0.00	29.80 0.09 0.00	36.94 0.27 0.00	43.37 -0.59 0.00	41.59 -0.73 0.00	43.19 -0.75 0.00	42.23 -0.58 0.00	38.78 -0.23 0.00	45.72 1.56 0.00	47.52 2.39 0.00	47.67 2.63 0.00	49.48 2.73 0.00	53.54 2.73 0.00	47.90 2.44 0.00	53.98 3.23 0.00	50.87 3.08 0.00	53.67 3.44 0.00	70.16 3.33 0.00	74.56 3.69 0.00	62.32 3.85 0.00	52.75 3.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.02 1.02 0.00	34.50 0.85 0.00	34.06 0.78 0.00	32.48 0.63 0.00	30.31 0.60 0.00	37.58 0.90 0.00	44.96 1.00 0.00	43.41 1.08 0.00	45.19 1.25 0.00	44.28 1.47 0.00	40.59 1.58 0.00	45.96 1.69 -0.11	46.72 1.59 0.00	67.89 1.43 -21.42	50.12 1.55 -1.82	52.69 1.88 0.00	47.80 2.33 0.00	53.48 2.73 0.00	49.73 1.95 0.00	51.79 1.56 0.00	68.24 1.41 0.00	71.88 1.00 0.00	59.21 0.75 0.00	50.26 0.73 0.00
MILLWOOD_13_KV_LOAD 356217	44.10 1.10 0.00	34.57 0.91 0.00	34.11 0.82 0.00	32.53 0.69 0.00	30.35 0.64 0.00	37.63 0.96 0.00	45.03 1.08 0.00	43.47 1.14 0.00	45.28 1.34 0.00	44.37 1.56 0.00	40.67 1.66 -0.11	46.06 1.79 0.00	46.83 1.70 0.00	68.00 1.53 -21.42	50.25 1.68 -1.82	52.84 2.03 0.00	47.92 2.46 0.00	53.63 2.87 0.00	49.84 2.05 0.00	51.92 1.69 0.00	68.42 1.59 0.00	72.05 1.17 0.00	59.33 0.87 0.00	50.36 0.82 0.00
MODEL_CITY_ENERGY 24167	42.41 -0.60 0.00	32.89 -0.77 0.00	32.49 -0.79 0.00	31.03 -0.81 0.00	29.10 -0.62 0.00	36.06 -0.61 0.00	42.06 -1.90 0.00	39.98 -2.34 0.00	41.54 -2.41 0.00	40.79 -2.01 0.00	37.65 -1.36 0.00	44.69 0.53 0.00	46.51 1.38 0.00	46.49 1.45 0.00	48.07 1.32 0.00	51.97 1.16 0.00	46.34 0.88 0.00	52.12 1.37 0.00	48.83 1.05 0.00	51.28 1.05 0.00	66.81 -0.02 0.00	71.20 0.33 0.00	60.04 1.58 0.00	51.10 1.57 0.00
MODERN_LFGE___ 323580	42.41 -0.60 0.00	32.89 -0.77 0.00	32.49 -0.79 0.00	31.03 -0.81 0.00	29.10 -0.62 0.00	36.06 -0.61 0.00	42.06 -1.90 0.00	39.98 -2.34 0.00	41.54 -2.41 0.00	40.79 -2.01 0.00	37.65 -1.36 0.00	44.69 0.53 0.00	46.51 1.38 0.00	46.49 1.45 0.00	48.07 1.32 0.00	51.97 1.16 0.00	46.34 0.88 0.00	52.12 1.37 0.00	48.83 1.05 0.00	51.28 1.05 0.00	66.81 -0.02 0.00	71.20 0.33 0.00	60.04 1.58 0.00	51.10 1.57 0.00
MOHAWK_PAPER___DRP 24187	43.45 0.45 0.00	34.05 0.40 0.00	33.81 0.53 0.00	32.40 0.56 0.00	30.25 0.54 0.00	37.37 0.69 0.00	44.46 0.58 0.07	42.93 0.60 0.00	44.49 0.54 0.00	43.29 0.47 0.00	39.33 0.33 0.00	44.23 0.17 0.10	45.19 0.06 0.00	25.58 -0.03 19.43	45.12 0.02 1.65	51.15 0.35 0.00	46.14 0.68 0.00	52.01 1.25 0.00	48.75 0.97 0.00	51.13 0.90 0.00	67.65 0.82 0.00	71.31 0.44 0.00	58.74 0.28 0.00	49.83 0.30 0.00
MOHICAN___35_KV_115KV_LD 80490	45.00 1.99 0.00	35.18 1.52 0.00	34.82 1.54 0.00	33.29 1.45 0.00	31.10 1.38 0.00	38.49 1.82 0.00	46.03 2.02 -0.05	44.36 2.03 0.00	45.89 1.95 0.00	44.44 1.63 0.00	40.14 1.13 0.00	45.02 0.96 0.10	46.05 0.92 0.00	26.08 0.81 19.78	46.07 1.00 1.68	52.53 1.72 0.00	47.52 2.06 0.00	53.98 3.22 0.00	51.11 3.33 0.00	53.73 3.51 0.00	71.14 4.32 0.00	74.21 3.34 0.00	61.00 2.54 0.00	51.74 2.20 0.00
MONGAUP___HYD 23641	44.30 1.30 0.00	34.65 0.99 0.00	34.18 0.90 0.00	32.61 0.77 0.00	30.42 0.71 0.00	37.68 1.01 0.00	45.13 1.17 0.00	43.49 1.17 0.00	45.18 1.24 0.00	44.12 1.31 0.00	40.38 1.38 0.00	45.62 1.36 -0.09	46.27 1.14 0.00	63.95 0.90 -18.01	49.34 1.06 -1.53	52.17 1.36 0.00	47.31 1.85 0.00	53.36 2.61 0.00	50.04 2.26 0.00	52.52 2.29 0.00	69.39 2.56 0.00	73.15 2.27 0.00	60.14 1.68 0.00	50.90 1.37 0.00
MONTAUK___DIESEL 23721	46.56 3.55 0.00	36.07 2.42 0.00	35.54 2.26 0.00	33.81 1.97 0.00	31.59 1.88 0.00	39.22 2.55 0.00	46.51 2.56 0.00	45.31 2.98 0.00	47.32 3.38 0.00	46.43 3.62 0.00	43.24 4.23 0.00	48.59 4.32 -0.11	49.15 4.02 0.00	70.30 3.64 -21.61	52.79 4.21 -1.83	55.73 4.93 0.01	50.73 5.27 0.00	56.10 5.82 0.47	51.92 4.32 0.19	53.94 3.72 0.00	62.15 3.98 8.66	55.59 3.81 19.10	47.89 2.59 13.16	41.67 2.02 9.88
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.40 0.39 0.00	33.48 -0.18 0.00	33.06 -0.23 0.00	31.68 -0.16 0.00	29.74 0.02 0.00	37.07 0.39 0.00	43.88 -0.08 0.00	41.35 -0.97 0.00	43.34 -0.60 0.00	43.48 0.67 0.00	40.27 1.26 0.00	47.48 3.32 0.00	49.48 4.35 0.00	49.42 4.38 0.00	50.77 4.02 0.00	54.39 3.58 0.00	48.54 3.07 0.00	54.57 3.82 0.00	51.13 3.34 0.00	53.67 3.44 0.00	69.80 2.97 0.00	74.31 3.44 0.00	62.54 4.08 0.00	53.03 3.49 0.00

MORRIS_RIDGE___SOLAR 323848	42.81 -0.19 0.00	33.27 -0.38 0.00	32.87 -0.42 0.00	31.45 -0.39 0.00	29.44 -0.27 0.00	36.58 -0.10 0.00	43.20 -0.76 0.00	41.11 -1.22 0.00	42.70 -1.25 0.00	41.93 -0.88 0.00	38.56 -0.44 0.00	44.97 0.81 0.00	46.62 1.49 0.00	46.64 1.60 0.00	48.44 1.69 0.00	52.23 1.43 0.00	46.89 1.43 0.00	53.06 2.04 -0.26	49.65 1.63 -0.24	52.62 2.01 -0.38	69.44 1.45 -1.17	73.49 1.59 -1.03	60.83 1.83 -0.54	51.03 1.50 0.00
MORTIMER_115KV_TB3 55949	42.99 -0.02 0.00	33.48 -0.17 0.00	33.06 -0.22 0.00	31.58 -0.26 0.00	29.55 -0.16 0.00	36.62 -0.05 0.00	43.46 -0.50 0.00	41.75 -0.58 0.00	43.44 -0.51 0.00	42.42 -0.39 0.00	38.89 -0.12 0.00	45.16 1.00 0.00	46.73 1.60 0.00	46.84 1.80 0.00	48.60 1.84 0.00	52.75 1.94 0.00	47.25 1.79 0.00	53.19 2.44 0.00	50.02 2.24 0.00	52.52 2.29 0.00	68.97 2.14 0.00	73.10 2.23 0.00	60.51 2.04 0.00	51.09 1.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.31 1.31 0.00	34.74 1.09 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.48 0.76 0.00	37.79 1.11 0.00	45.24 1.28 0.00	43.69 1.37 0.00	45.55 1.61 0.00	44.69 1.87 0.00	41.01 2.00 0.00	46.41 2.14 -0.11	47.13 2.00 0.00	68.48 1.82 -21.61	50.55 1.96 -1.83	53.12 2.31 0.00	48.22 2.76 0.00	53.89 3.14 0.00	50.01 2.23 0.00	52.03 1.81 0.00	68.51 1.68 0.00	72.16 1.29 0.00	59.44 0.98 0.00	50.51 0.98 0.00
MUNSVILLE_WIND_PWR 323609	45.84 2.84 0.00	35.74 2.08 0.00	35.25 1.96 0.00	33.71 1.87 0.00	31.55 1.83 0.00	39.13 2.46 0.00	47.01 3.05 0.00	45.10 2.77 0.00	46.54 2.60 0.00	45.36 2.55 0.00	41.34 2.33 0.00	47.09 2.93 0.00	48.37 3.24 0.00	48.32 3.27 0.00	50.43 3.67 0.00	54.71 3.90 0.00	49.59 4.12 0.00	56.55 5.18 -0.61	53.64 5.29 -0.56	57.03 5.91 -0.89	76.69 7.12 -2.74	80.44 7.16 -2.41	65.29 5.55 -1.27	53.57 4.03 0.00
N SALMON___HYD 24042	44.51 1.50 0.00	34.84 1.19 0.00	34.34 1.06 0.00	32.85 1.01 0.00	30.67 0.96 0.00	37.78 1.11 0.00	45.38 1.43 0.00	43.36 1.03 0.00	45.07 1.13 0.00	43.92 1.12 0.00	39.93 0.93 0.00	45.05 0.88 0.00	45.86 0.74 0.00	45.89 0.85 0.00	47.51 0.76 0.00	51.44 0.63 0.00	45.50 0.04 0.00	50.42 -0.33 0.00	47.90 0.12 0.00	50.64 0.41 0.00	68.15 1.33 0.00	72.93 2.05 0.00	60.16 1.70 0.00	50.87 1.34 0.00
N.AKRON___115KV_KNAPP 355671	43.31 0.31 0.00	33.59 -0.07 0.00	33.16 -0.12 0.00	31.66 -0.18 0.00	29.69 -0.03 0.00	36.80 0.13 0.00	43.15 -0.80 0.00	41.75 -0.57 0.00	43.38 -0.56 0.00	42.39 -0.42 0.00	38.94 -0.07 0.00	45.91 1.75 0.00	47.75 2.62 0.00	47.88 2.84 0.00	49.68 2.93 0.00	53.72 2.91 0.00	48.05 2.59 0.00	54.24 3.49 0.00	51.03 3.25 0.00	53.78 3.55 0.00	70.29 3.46 0.00	74.68 3.81 0.00	62.45 3.98 0.00	52.86 3.33 0.00
N.E_GEN_SANDY PD 24062	45.22 0.65 -1.56	34.25 0.60 0.00	34.27 0.65 -0.34	32.61 0.61 -0.16	30.29 0.58 0.00	37.50 0.81 -0.01	45.57 0.77 -0.84	43.13 0.80 0.00	44.70 0.76 0.00	44.18 0.71 -0.66	39.58 0.58 0.00	43.91 0.47 0.72	45.43 0.30 0.00	-97.85 0.08 142.98	33.47 0.06 13.35	52.49 0.42 -1.26	46.27 0.81 0.00	52.14 1.38 0.00	47.94 0.91 0.75	50.97 0.74 0.00	67.41 0.59 0.00	71.02 0.14 0.00	58.50 0.03 0.00	51.13 0.25 -1.35
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.97 0.96 0.00	34.44 0.79 0.00	34.00 0.72 0.00	32.42 0.59 0.00	30.26 0.55 0.00	37.52 0.84 0.00	44.90 0.94 0.00	43.32 0.99 0.00	45.09 1.15 0.00	44.20 1.39 0.00	40.52 1.51 0.00	45.94 1.68 -0.10	46.78 1.65 0.00	66.78 1.50 -20.23	50.11 1.64 -1.72	52.79 1.98 0.00	47.89 2.43 0.00	53.58 2.83 0.00	49.81 2.03 0.00	51.89 1.66 0.00	68.36 1.53 0.00	71.97 1.10 0.00	59.27 0.80 0.00	50.26 0.72 0.00
N.QUEENS_27_KV_LOAD 356247	44.49 1.49 0.00	34.94 1.28 0.00	34.38 1.10 0.00	32.78 0.94 0.00	30.67 0.96 0.00	38.01 1.34 0.00	45.49 1.54 0.00	43.94 1.61 0.00	45.88 1.94 0.00	44.90 2.09 0.00	41.07 2.06 0.00	46.33 2.06 -0.11	47.04 1.92 0.00	68.45 1.80 -21.61	50.50 1.92 -1.83	53.09 2.28 0.00	48.24 2.78 0.00	53.59 2.84 0.00	49.82 2.04 0.00	51.82 1.59 0.00	69.35 1.43 -1.09	72.09 1.07 -0.14	59.47 1.00 0.00	50.70 1.17 0.00
N.TROY___115KV_TB1 355778	43.90 0.90 0.00	34.42 0.77 0.00	34.13 0.85 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.73 1.05 0.00	45.13 1.05 -0.13	43.35 1.02 0.00	44.87 0.93 0.00	43.58 0.78 0.00	39.56 0.55 0.00	44.45 0.42 0.13	45.42 0.29 0.00	19.21 0.15 25.98	44.71 0.16 2.20	51.36 0.55 0.00	46.29 0.83 0.00	52.24 1.49 0.00	49.05 1.26 0.00	51.49 1.26 0.00	68.17 1.35 0.00	71.84 0.96 0.00	59.18 0.72 0.00	50.27 0.74 0.00
NARROWS_GT1_1 24228	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT1_2 24229	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT1_3 24230	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT1_4 24231	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT1_5 24232	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00

NARROWS_GT1_6 24233	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT1_7 24234	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT1_8 24235	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_1 24236	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_2 24237	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_3 24238	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_4 24239	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_5 24240	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_6 24241	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_7 24242	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NARROWS_GT2_8 24243	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.49 2.22 -0.11	47.15 2.02 0.00	68.55 1.90 -21.61	50.61 2.03 -1.83	53.23 2.43 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.20 0.00	51.99 1.76 0.00	68.47 1.64 0.00	72.23 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.45 0.44 0.00	34.00 0.35 0.00	33.77 0.48 0.00	32.39 0.55 0.00	30.25 0.53 0.00	37.37 0.69 0.00	44.50 0.58 0.04	42.94 0.61 0.00	44.44 0.50 0.00	43.11 0.30 0.00	39.00 0.00 0.00	35.90 -0.37 7.89	44.61 -0.52 0.00	36.94 -0.53 7.57	45.63 -0.49 0.64	50.58 -0.23 0.00	45.57 0.11 0.00	51.57 0.81 0.00	48.76 0.98 0.00	51.45 1.22 0.00	68.20 1.38 0.00	71.85 0.98 0.00	59.07 0.61 0.00	49.97 0.43 0.00
NCHELSEA_115KV_TR2 355582	44.40 1.40 0.00	34.75 1.10 0.00	34.31 1.02 0.00	32.74 0.90 0.00	30.55 0.84 0.00	37.86 1.19 0.00	45.30 1.35 0.00	43.74 1.41 0.00	45.54 1.60 0.00	44.61 1.80 0.00	40.87 1.86 0.00	46.22 1.98 -0.09	47.01 1.88 0.00	64.07 1.82 -17.20	50.17 1.96 -1.46	53.21 2.40 0.00	48.27 2.81 0.00	54.15 3.40 0.00	50.43 2.65 0.00	52.58 2.35 0.00	69.26 2.43 0.00	72.91 2.04 0.00	59.95 1.49 0.00	50.82 1.28 0.00
NEG CAPITAL___MECHNVIL 23645	44.68 1.68 0.00	34.97 1.31 0.00	34.62 1.34 0.00	33.13 1.30 0.00	30.94 1.23 0.00	38.29 1.61 0.00	45.80 1.77 -0.08	44.04 1.71 0.00	45.61 1.66 0.00	44.31 1.50 0.00	40.18 1.17 0.00	45.15 1.10 0.11	46.20 1.07 0.00	23.75 1.00 22.28	45.99 1.12 1.89	52.46 1.65 0.00	47.38 1.91 0.00	53.60 2.84 0.00	50.45 2.67 0.00	52.99 2.76 0.00	70.10 3.27 0.00	73.70 2.83 0.00	60.56 2.09 0.00	51.33 1.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.22 -0.79 0.00	32.88 -0.77 0.00	32.48 -0.80 0.00	31.03 -0.81 0.00	29.03 -0.69 0.00	35.96 -0.71 0.00	42.80 -1.16 0.00	41.16 -1.17 0.00	42.83 -1.11 0.00	41.77 -1.04 0.00	38.25 -0.76 0.00	44.24 0.08 0.00	45.70 0.57 0.00	45.73 0.70 0.00	47.48 0.73 0.00	51.59 0.78 0.00	46.23 0.77 0.00	52.07 1.32 0.00	49.01 1.23 0.00	51.48 1.25 0.00	67.66 0.83 0.00	71.58 0.71 0.00	59.14 0.68 0.00	49.91 0.38 0.00

NEG CENTRAL___DRP 24199	43.07 0.07 0.00	33.63 -0.02 0.00	33.21 -0.07 0.00	31.76 -0.08 0.00	29.68 -0.03 0.00	36.83 0.15 0.00	43.98 0.03 0.00	42.31 -0.01 0.00	43.88 -0.06 0.00	42.70 -0.11 0.00	38.99 -0.02 0.00	44.46 0.30 0.00	45.83 0.70 0.00	45.94 0.90 0.00	47.82 1.07 0.00	51.87 1.06 0.00	46.65 1.18 -0.01	53.52 1.84 -0.92	50.50 1.87 -0.85	53.65 2.07 -1.35	72.93 1.97 -4.13	76.44 1.93 -3.63	61.88 1.50 -1.92	50.57 1.04 0.00
NEG CENTRAL___INDECK 23768	43.27 0.27 0.00	34.40 0.74 0.00	34.14 0.85 0.00	32.60 0.76 0.00	30.52 0.81 0.00	37.90 1.23 0.00	45.01 1.05 0.00	42.98 0.65 0.00	44.03 0.08 0.00	42.17 -0.64 0.00	38.43 -0.58 0.00	44.72 0.56 0.00	46.30 1.17 0.00	46.50 1.46 0.00	48.33 1.58 0.00	52.27 1.47 0.00	47.08 1.62 0.00	53.20 2.44 0.00	50.13 2.34 0.00	53.05 2.82 0.00	69.87 3.04 0.00	74.17 3.30 0.00	61.29 2.82 0.00	51.63 2.10 0.00
NEG CENTRAL___SENECA 23627	43.21 0.21 0.00	33.76 0.11 0.00	33.31 0.03 0.00	31.87 0.03 0.00	29.80 0.08 0.00	36.99 0.31 0.00	44.12 0.16 0.00	42.37 0.04 0.00	43.96 0.02 0.00	42.82 0.01 0.00	39.15 0.14 0.00	44.77 0.61 0.00	46.18 1.06 0.00	46.33 1.29 0.00	48.24 1.49 0.00	52.25 1.44 0.00	47.03 1.57 0.00	53.60 2.33 -0.51	50.58 2.33 -0.47	53.57 2.60 -0.74	71.62 2.51 -2.28	75.40 2.52 -2.01	61.52 2.00 -1.06	50.93 1.39 0.00
NEG CENTRAL___STATE_STREET 24147	43.11 0.10 0.00	33.71 0.05 0.00	33.32 0.03 0.00	31.79 -0.05 0.00	29.76 0.05 0.00	36.90 0.23 0.00	44.05 0.09 0.00	42.50 0.17 0.00	44.05 0.11 0.00	42.82 0.00 0.00	39.05 0.04 0.00	44.33 0.17 0.00	45.67 0.54 0.00	45.72 0.68 0.00	47.53 0.78 0.00	51.67 0.86 0.00	46.31 0.83 -0.01	53.43 1.46 -1.22	50.48 1.58 -1.12	53.80 1.79 -1.77	73.99 1.73 -5.44	77.36 1.69 -4.79	62.23 1.25 -2.53	50.39 0.85 -0.01
NEG MILLWOOD___DRP 24198	44.47 1.47 0.00	34.82 1.16 0.00	34.35 1.07 0.00	32.78 0.94 0.00	30.59 0.88 0.00	37.92 1.24 0.00	45.38 1.42 0.00	43.83 1.50 0.00	45.66 1.72 0.00	44.74 1.93 0.00	41.01 2.01 0.00	46.45 2.20 -0.10	47.21 2.08 0.00	66.19 2.00 -19.14	50.57 2.19 -1.62	53.44 2.63 0.00	48.46 3.00 0.00	54.35 3.59 0.00	50.56 2.78 0.00	52.67 2.44 0.00	69.35 2.52 0.00	73.00 2.13 0.00	60.02 1.56 0.00	50.86 1.33 0.00
NEG NORTH_FLCN_SEA 23793	43.77 0.77 0.00	34.41 0.76 0.00	33.92 0.64 0.00	32.48 0.64 0.00	30.32 0.60 0.00	37.37 0.69 0.00	44.88 0.92 0.00	42.56 0.23 0.00	44.24 0.30 0.00	43.14 0.33 0.00	39.23 0.22 0.00	44.01 -0.15 0.00	44.86 -0.27 0.00	44.90 -0.13 0.00	46.52 -0.23 0.00	50.40 -0.41 0.00	44.63 -0.83 0.00	49.49 -1.27 0.00	46.90 -0.88 0.00	49.46 -0.77 0.00	66.48 -0.34 0.00	70.91 0.04 0.00	58.49 0.03 0.00	49.53 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	43.78 0.78 0.00	34.33 0.67 0.00	33.84 0.55 0.00	32.39 0.55 0.00	30.24 0.52 0.00	37.24 0.57 0.00	44.70 0.74 0.00	42.69 0.36 0.00	44.31 0.37 0.00	43.22 0.41 0.00	39.33 0.32 0.00	44.34 0.18 0.00	45.21 0.08 0.00	45.24 0.20 0.00	46.86 0.11 0.00	50.76 -0.04 0.00	44.92 -0.54 0.00	49.76 -0.99 0.00	47.15 -0.64 0.00	49.79 -0.44 0.00	67.00 0.17 0.00	71.51 0.64 0.00	59.02 0.55 0.00	49.98 0.44 0.00
NEG NORTH___ALICE_FALLS 23915	44.08 1.07 0.00	34.57 0.92 0.00	34.08 0.79 0.00	32.62 0.78 0.00	30.46 0.75 0.00	37.54 0.86 0.00	45.09 1.13 0.00	42.81 0.48 0.00	44.47 0.53 0.00	43.34 0.53 0.00	39.40 0.39 0.00	44.29 0.13 0.00	45.16 0.03 0.00	45.21 0.16 0.00	46.83 0.08 0.00	50.74 -0.07 0.00	44.94 -0.52 0.00	49.88 -0.88 0.00	47.32 -0.46 0.00	49.97 -0.26 0.00	67.18 0.35 0.00	71.66 0.78 0.00	59.07 0.61 0.00	50.00 0.47 0.00
NEG NORTH___LWR_SARANAC 23913	44.08 1.07 0.00	34.57 0.92 0.00	34.08 0.79 0.00	32.62 0.78 0.00	30.46 0.75 0.00	37.54 0.86 0.00	45.09 1.13 0.00	42.81 0.48 0.00	44.47 0.53 0.00	43.34 0.53 0.00	39.40 0.39 0.00	44.29 0.13 0.00	45.16 0.03 0.00	45.21 0.16 0.00	46.83 0.08 0.00	50.74 -0.07 0.00	44.94 -0.52 0.00	49.88 -0.88 0.00	47.32 -0.46 0.00	49.97 -0.26 0.00	67.18 0.35 0.00	71.66 0.78 0.00	59.07 0.61 0.00	50.00 0.47 0.00
NEG NORTH___PLATTSBURG 23628	44.08 1.07 0.00	34.57 0.92 0.00	34.08 0.79 0.00	32.62 0.78 0.00	30.46 0.75 0.00	37.54 0.86 0.00	45.09 1.13 0.00	42.81 0.48 0.00	44.47 0.53 0.00	43.34 0.53 0.00	39.40 0.39 0.00	44.29 0.13 0.00	45.16 0.03 0.00	45.21 0.16 0.00	46.83 0.08 0.00	50.74 -0.07 0.00	44.94 -0.52 0.00	49.88 -0.88 0.00	47.32 -0.46 0.00	49.97 -0.25 0.00	67.18 0.35 0.00	71.66 0.78 0.00	59.07 0.61 0.00	50.00 0.47 0.00
NEG WEST_LEA_LOCKPORT 23791	42.66 -0.34 0.00	33.08 -0.58 0.00	32.67 -0.61 0.00	31.21 -0.63 0.00	29.26 -0.45 0.00	36.28 -0.40 0.00	42.35 -1.61 0.00	40.29 -2.04 0.00	41.93 -2.01 0.00	41.18 -1.63 0.00	37.91 -1.10 0.00	44.94 0.78 0.00	46.70 1.57 0.00	46.71 1.67 0.00	48.29 1.54 0.00	52.21 1.40 0.00	46.52 1.05 0.00	52.31 1.56 0.00	49.01 1.23 0.00	51.50 1.28 0.00	67.12 0.29 0.00	71.56 0.69 0.00	60.21 1.75 0.00	51.20 1.67 0.00
NEG WEST___LANCASTR 23811	42.56 -0.44 0.00	32.97 -0.68 0.00	32.56 -0.72 0.00	31.13 -0.71 0.00	29.18 -0.53 0.00	36.20 -0.48 0.00	42.60 -1.36 0.00	41.48 -0.85 0.00	43.32 -0.62 0.00	42.65 -0.16 0.00	39.46 0.45 0.00	46.81 2.65 0.00	48.83 3.70 0.00	48.97 3.92 0.00	50.74 3.99 0.00	54.86 4.05 0.00	49.00 3.54 0.00	55.17 4.41 0.00	51.66 3.87 0.00	54.19 3.97 0.00	70.45 3.62 0.00	74.84 3.97 0.00	62.64 4.18 0.00	53.09 3.55 0.00
NEG_PENN_ALLEGHNY 23528	43.03 0.03 0.00	33.55 -0.10 0.00	33.15 -0.14 0.00	31.73 -0.11 0.00	29.64 -0.07 0.00	36.74 0.06 0.00	43.92 -0.04 0.00	42.13 -0.19 0.00	43.84 -0.10 0.00	42.90 0.09 0.00	39.24 0.23 0.00	44.78 0.62 0.00	46.02 0.90 0.00	46.00 0.95 0.00	47.90 1.15 0.00	51.75 0.94 0.00	46.60 1.13 -0.60	52.96 1.61 -0.55	49.75 1.42 -0.87	52.60 1.50 -0.87	70.70 1.21 -2.66	74.40 1.19 -2.34	60.63 0.93 -1.24	50.15 0.62 0.00
NEG___GEN_MONROE 24207	43.40 0.39 0.00	33.74 0.08 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.77 0.06 0.00	36.91 0.23 0.00	43.73 -0.23 0.00	42.00 -0.33 0.00	43.65 -0.29 0.00	42.60 -0.21 0.00	39.04 0.04 0.00	45.45 1.28 0.00	47.17 2.04 0.00	47.34 2.29 0.00	49.20 2.45 0.00	53.33 2.52 0.00	47.80 2.34 0.00	53.85 3.10 0.00	50.59 2.80 0.00	53.26 3.03 0.00	70.00 3.18 0.00	74.21 3.34 0.00	61.52 3.06 0.00	52.08 2.55 0.00
NEPA___ENERGY 23901	42.72 -0.29 0.00	33.04 -0.61 0.00	32.61 -0.67 0.00	31.24 -0.60 0.00	29.26 -0.45 0.00	36.41 -0.27 0.00	42.89 -1.07 0.00	40.73 -1.59 0.00	42.64 -1.31 0.00	42.25 -0.56 0.00	39.09 0.08 0.00	45.85 1.69 0.00	47.73 2.60 0.00	47.72 2.67 0.00	49.59 2.84 0.00	53.14 2.33 0.00	47.49 2.02 0.00	53.53 2.77 0.00	50.20 2.42 0.00	52.82 2.59 0.00	68.66 1.83 0.00	73.17 2.29 0.00	61.01 2.55 0.00	51.60 2.06 0.00

NEVERSINK___HYD 23608	43.75 0.75 0.00	34.21 0.55 0.00	33.72 0.44 0.00	32.18 0.34 0.00	30.03 0.31 0.00	37.19 0.52 0.00	44.52 0.57 0.00	42.97 0.65 0.00	44.75 0.80 0.00	43.85 1.04 0.00	40.17 1.16 0.00	44.67 1.04 0.53	46.14 1.01 0.00	59.45 0.79 -13.62	47.59 -0.31 -1.15	50.68 -0.12 0.00	46.06 0.60 0.00	51.77 1.01 0.00	48.36 0.58 0.00	50.73 0.50 0.00	68.01 1.19 0.00	72.22 1.35 0.00	59.37 0.91 0.00	50.22 0.68 0.00
NEWKRMKL_115KV_TB1 55635	42.87 -0.14 0.00	33.60 -0.06 0.00	33.38 0.10 0.00	32.02 0.18 0.00	29.89 0.18 0.00	36.90 0.23 0.00	43.91 0.01 0.06	42.40 0.07 0.00	43.95 0.01 0.00	42.78 -0.03 0.00	38.89 -0.12 0.00	43.74 -0.34 0.09	44.67 -0.46 0.00	27.19 -0.55 17.31	44.75 -0.54 1.47	50.52 -0.29 0.00	45.56 0.09 0.00	51.28 0.52 0.00	48.05 0.26 0.00	50.37 0.15 0.00	66.65 -0.18 0.00	70.26 -0.62 0.00	57.89 -0.58 0.00	49.11 -0.43 0.00
NEWTON___FALLS_HYD 23847	45.20 2.19 0.00	35.31 1.66 0.00	34.86 1.57 0.00	33.32 1.48 0.00	31.10 1.39 0.00	38.42 1.74 0.00	46.08 2.12 0.00	44.06 1.73 0.00	45.66 1.72 0.00	44.21 1.40 0.00	40.16 1.15 0.00	45.30 1.13 0.00	46.06 0.93 0.00	46.09 1.04 0.00	47.67 0.92 0.00	51.60 0.79 0.00	45.72 0.25 0.00	50.99 -0.13 -0.36	48.64 0.53 -0.33	51.90 1.14 -0.53	70.86 2.41 -1.63	75.77 3.46 -1.43	62.16 2.94 -0.76	51.83 2.30 0.00
NGRID_A1_DSASP 323792	41.85 -1.15 0.00	32.47 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.04 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.54 1.49 0.00	48.06 1.31 0.00	51.97 1.16 0.00	46.25 0.79 0.00	52.02 1.26 0.00	48.69 0.91 0.00	51.08 0.86 0.00	66.59 -0.24 0.00	70.99 0.11 0.00	59.66 1.19 0.00	50.79 1.26 0.00
NGRID_A2_DSASP 323793	41.85 -1.15 0.00	32.47 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.04 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.54 1.49 0.00	48.06 1.31 0.00	51.97 1.16 0.00	46.25 0.79 0.00	52.02 1.26 0.00	48.69 0.91 0.00	51.08 0.86 0.00	66.59 -0.24 0.00	70.99 0.11 0.00	59.66 1.19 0.00	50.79 1.26 0.00
NGRID_A4_DSASP 323807	41.85 -1.15 0.00	32.47 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.04 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.54 1.49 0.00	48.06 1.31 0.00	51.97 1.16 0.00	46.25 0.79 0.00	52.02 1.26 0.00	48.69 0.91 0.00	51.08 0.86 0.00	66.59 -0.24 0.00	70.99 0.11 0.00	59.66 1.19 0.00	50.79 1.26 0.00
NIAGARA_115E_LBMP 323715	42.23 -0.77 0.00	32.75 -0.90 0.00	32.36 -0.92 0.00	30.92 -0.92 0.00	29.00 -0.72 0.00	35.94 -0.74 0.00	41.88 -2.08 0.00	39.77 -2.56 0.00	41.30 -2.64 0.00	40.57 -2.23 0.00	37.48 -1.53 0.00	44.52 0.36 0.00	46.34 1.21 0.00	46.31 1.27 0.00	47.87 1.12 0.00	51.75 0.94 0.00	46.15 0.69 0.00	51.89 1.13 0.00	48.60 0.81 0.00	51.02 0.79 0.00	66.46 -0.36 0.00	70.85 -0.03 0.00	59.82 1.35 0.00	50.95 1.42 0.00
NIAGARA_115W_LBMP 323714	41.76 -1.24 0.00	32.40 -1.25 0.00	32.02 -1.26 0.00	30.60 -1.24 0.00	28.69 -1.02 0.00	35.56 -1.12 0.00	41.41 -2.54 0.00	39.45 -2.88 0.00	41.20 -2.74 0.00	40.57 -2.24 0.00	37.51 -1.49 0.00	44.61 0.45 0.00	46.45 1.32 0.00	46.41 1.37 0.00	47.93 1.18 0.00	51.82 1.02 0.00	46.13 0.67 0.00	51.88 1.13 0.00	48.57 0.78 0.00	50.96 0.73 0.00	66.41 -0.42 0.00	70.81 -0.06 0.00	59.51 1.05 0.00	50.67 1.14 0.00
NIAGARA_230_LBMP 323716	42.03 -0.97 0.00	32.62 -1.03 0.00	32.24 -1.05 0.00	30.80 -1.04 0.00	28.89 -0.82 0.00	35.80 -0.87 0.00	41.76 -2.20 0.00	39.77 -2.56 0.00	41.52 -2.43 0.00	40.88 -1.93 0.00	37.77 -1.24 0.00	44.83 0.67 0.00	46.66 1.53 0.00	46.60 1.56 0.00	48.14 1.39 0.00	52.04 1.23 0.00	46.34 0.88 0.00	52.12 1.37 0.00	48.80 1.01 0.00	51.23 1.00 0.00	66.80 -0.03 0.00	71.21 0.34 0.00	59.81 1.34 0.00	50.90 1.36 0.00
NIAGARA___115KV_198_GIBSON 55903	41.76 -1.25 0.00	32.40 -1.25 0.00	32.03 -1.26 0.00	30.60 -1.24 0.00	28.69 -1.02 0.00	35.56 -1.12 0.00	41.41 -2.55 0.00	39.45 -2.88 0.00	41.20 -2.75 0.00	40.57 -2.24 0.00	37.51 -1.50 0.00	44.61 0.45 0.00	46.45 1.32 0.00	46.42 1.38 0.00	47.93 1.18 0.00	51.82 1.01 0.00	46.13 0.67 0.00	51.89 1.13 0.00	48.57 0.79 0.00	50.94 0.71 0.00	66.40 -0.43 0.00	70.80 -0.07 0.00	59.49 1.03 0.00	50.68 1.14 0.00
NIAGARA____ 23760	42.03 -0.97 0.00	32.62 -1.03 0.00	32.24 -1.05 0.00	30.80 -1.04 0.00	28.89 -0.82 0.00	35.80 -0.87 0.00	41.76 -2.20 0.00	39.77 -2.56 0.00	41.52 -2.43 0.00	40.88 -1.93 0.00	37.77 -1.24 0.00	44.83 0.67 0.00	46.66 1.53 0.00	46.60 1.56 0.00	48.14 1.39 0.00	52.04 1.23 0.00	46.34 0.88 0.00	52.12 1.37 0.00	48.80 1.01 0.00	51.23 1.00 0.00	66.80 -0.03 0.00	71.21 0.34 0.00	59.81 1.34 0.00	50.90 1.36 0.00
NINE_MILE_1 23575	41.59 -1.41 0.00	32.52 -1.13 0.00	32.17 -1.12 0.00	30.76 -1.08 0.00	28.73 -0.99 0.00	35.52 -1.16 0.00	42.58 -1.37 0.00	41.09 -1.24 0.00	42.66 -1.28 0.00	41.47 -1.34 0.00	37.73 -1.27 0.00	42.85 -1.31 0.00	43.92 -1.21 0.00	43.89 -1.16 0.00	45.56 -1.19 0.00	49.50 -1.30 0.00	44.39 -1.01 0.07	41.58 -0.96 8.22	39.33 -0.89 7.57	37.29 -0.93 12.00	28.49 -1.55 36.79	36.73 -1.75 32.40	39.88 -1.49 17.09	48.16 -1.33 0.04
NINE_MILE_2 23744	41.60 -1.40 0.00	32.52 -1.13 0.00	32.17 -1.12 0.00	30.76 -1.08 0.00	28.73 -0.98 0.00	35.52 -1.15 0.00	42.59 -1.37 0.00	41.09 -1.23 0.00	42.66 -1.28 0.00	41.48 -1.33 0.00	37.74 -1.27 0.00	42.85 -1.31 0.00	43.92 -1.21 0.00	43.89 -1.16 0.00	45.56 -1.19 0.00	49.50 -1.30 0.00	44.38 -1.01 0.07	41.46 -0.96 8.35	39.21 -0.89 7.68	37.11 -0.93 12.19	27.93 -1.55 37.35	36.24 -1.75 32.88	39.63 -1.49 17.35	48.16 -1.33 0.04
NM_CAPITAL___DRP 24208	42.96 -0.05 0.00	33.69 0.03 0.00	33.47 0.19 0.00	32.10 0.25 0.00	29.97 0.26 0.00	37.00 0.32 0.00	43.99 0.11 0.07	42.49 0.16 0.00	44.04 0.09 0.00	42.85 0.04 0.00	38.95 -0.06 0.00	43.78 -0.28 0.10	44.72 -0.41 0.00	25.32 -0.52 19.20	44.60 -0.52 1.63	50.54 -0.27 0.00	45.57 0.10 0.00	51.29 0.53 0.00	48.06 0.27 0.00	50.37 0.15 0.00	66.66 -0.16 0.00	70.31 -0.56 0.00	57.93 -0.53 0.00	49.18 -0.35 0.00
NM_CENTRAL___DRP 24181	42.38 -0.63 0.00	33.09 -0.57 0.00	32.75 -0.54 0.00	31.32 -0.52 0.00	29.25 -0.47 0.00	36.20 -0.47 0.00	43.39 -0.57 0.00	41.85 -0.48 0.00	43.47 -0.48 0.00	42.28 -0.53 0.00	38.55 -0.46 0.00	43.90 -0.26 0.00	45.04 -0.08 0.00	45.03 -0.01 0.00	46.80 0.05 0.00	50.86 0.05 0.00	45.75 0.28 -0.01	52.07 0.51 -0.80	48.99 0.47 -0.74	51.86 0.46 -1.17	70.56 0.14 -3.58	74.01 -0.02 -3.15	60.01 -0.12 -1.66	49.28 -0.26 0.00

NM_FRONTIER___DRP 24179	41.76 -1.25 0.00	32.40 -1.25 0.00	32.03 -1.26 0.00	30.60 -1.24 0.00	28.69 -1.02 0.00	35.56 -1.12 0.00	41.41 -2.55 0.00	39.45 -2.88 0.00	41.20 -2.75 0.00	40.57 -2.24 0.00	37.51 -1.50 0.00	44.61 0.45 0.00	46.45 1.32 0.00	46.42 1.38 0.00	47.93 1.18 0.00	51.82 1.01 0.00	46.13 0.67 0.00	51.89 1.13 0.00	48.57 0.79 0.00	50.94 0.71 0.00	66.40 -0.43 0.00	70.80 -0.07 0.00	59.49 1.03 0.00	50.68 1.14 0.00
NM_ST_REGIS___HYD 24053	44.91 1.91 0.00	35.15 1.50 0.00	34.68 1.39 0.00	33.16 1.32 0.00	30.94 1.23 0.00	38.12 1.44 0.00	45.77 1.81 0.00	43.66 1.33 0.00	45.30 1.36 0.00	44.03 1.22 0.00	40.04 1.03 0.00	45.14 0.98 0.00	45.92 0.79 0.00	45.96 0.91 0.00	47.54 0.79 0.00	51.39 0.58 0.00	45.29 -0.17 0.00	49.86 -0.90 0.00	47.52 -0.27 0.00	50.38 0.16 0.00	68.04 1.21 0.00	73.25 2.38 0.00	60.64 2.18 0.00	51.30 1.76 0.00
NORTHPORT___1 23551	44.02 1.02 0.00	34.50 0.84 0.00	34.03 0.74 0.00	32.37 0.53 0.00	30.29 0.58 0.00	37.61 0.93 0.00	44.64 0.68 0.00	43.20 0.87 0.00	45.00 1.06 0.00	44.08 1.28 0.00	40.90 1.89 0.00	45.54 1.27 -0.11	45.76 0.63 0.00	67.17 0.51 -21.61	49.36 0.78 -1.82	51.94 1.15 0.02	47.31 1.85 0.00	46.14 1.92 6.54	46.09 0.89 2.58	50.61 0.38 0.00	49.85 -0.39 16.60	50.95 -0.50 19.42	44.62 -0.45 13.39	39.16 -0.32 10.05
NORTHPORT___2 23552	44.02 1.02 0.00	34.50 0.84 0.00	34.03 0.74 0.00	32.37 0.53 0.00	30.29 0.58 0.00	37.61 0.93 0.00	44.64 0.68 0.00	43.20 0.87 0.00	45.00 1.06 0.00	44.08 1.28 0.00	40.90 1.89 0.00	45.54 1.27 -0.11	45.76 0.63 0.00	67.17 0.51 -21.61	49.36 0.78 -1.82	51.94 1.15 0.02	47.31 1.85 0.00	46.14 1.92 6.54	46.09 0.89 2.58	50.61 0.38 0.00	49.85 -0.39 16.60	50.95 -0.50 19.42	44.62 -0.45 13.39	39.16 -0.32 10.05
NORTHPORT___3 23553	44.21 1.21 0.00	34.69 1.03 0.00	34.20 0.92 0.00	32.56 0.71 0.00	30.43 0.72 0.00	37.81 1.14 0.00	44.91 0.95 0.00	43.40 1.07 0.00	45.20 1.26 0.00	44.31 1.50 0.00	41.10 2.10 0.00	45.72 1.46 -0.11	45.87 0.74 0.00	67.10 0.44 -21.61	49.28 0.70 -1.83	51.81 1.01 0.01	47.11 1.65 0.00	45.86 1.63 6.53	45.84 0.64 2.58	50.35 0.13 0.01	49.47 -0.64 16.72	50.64 -0.90 19.33	44.33 -0.81 13.32	38.99 -0.55 10.00
NORTHPORT___4 23650	44.21 1.21 0.00	34.69 1.03 0.00	34.20 0.92 0.00	32.56 0.71 0.00	30.43 0.72 0.00	37.81 1.14 0.00	44.91 0.95 0.00	43.40 1.07 0.00	45.20 1.26 0.00	44.31 1.50 0.00	41.10 2.10 0.00	45.72 1.46 -0.11	45.87 0.74 0.00	67.10 0.44 -21.61	49.28 0.70 -1.83	51.81 1.01 0.01	47.11 1.65 0.00	45.86 1.63 6.53	45.84 0.64 2.58	50.35 0.13 0.01	49.47 -0.64 16.72	50.64 -0.90 19.33	44.33 -0.81 13.32	38.99 -0.55 10.00
NORTHPORT___IC 23718	44.02 1.02 0.00	34.50 0.84 0.00	34.03 0.74 0.00	32.37 0.53 0.00	30.29 0.58 0.00	37.61 0.93 0.00	44.64 0.68 0.00	43.20 0.87 0.00	45.01 1.07 0.00	44.08 1.28 0.00	40.91 1.90 0.00	45.52 1.25 -0.11	45.73 0.60 0.00	67.17 0.51 -21.61	49.35 0.78 -1.82	51.94 1.14 0.02	47.31 1.85 0.00	46.14 1.92 6.54	46.09 0.89 2.58	50.61 0.39 0.00	49.93 -0.30 16.60	50.99 -0.46 19.42	44.66 -0.41 13.39	39.20 -0.28 10.05
NORTH___COUNTRY_ESR 323785	43.69 0.68 0.00	34.24 0.58 0.00	33.76 0.48 0.00	32.31 0.47 0.00	30.17 0.46 0.00	37.15 0.48 0.00	44.60 0.64 0.00	42.61 0.28 0.00	44.29 0.34 0.00	43.21 0.40 0.00	39.33 0.32 0.00	44.33 0.17 0.00	45.21 0.08 0.00	45.24 0.20 0.00	46.86 0.11 0.00	50.76 -0.04 0.00	44.92 -0.54 0.00	49.76 -0.99 0.00	47.14 -0.64 0.00	49.70 -0.52 0.00	66.83 0.00 0.00	71.33 0.45 0.00	58.88 0.42 0.00	49.88 0.35 0.00
NPX_GEN_1385_PROXY 323591	44.56 1.55 0.00	34.72 1.06 0.00	34.19 0.91 0.00	32.53 0.69 0.00	30.47 0.76 0.00	38.02 1.34 0.00	45.06 1.11 0.00	43.56 1.24 0.00	45.39 1.45 0.00	44.10 1.29 0.00	40.89 1.88 0.00	45.56 1.29 -0.11	46.18 1.05 0.00	67.72 1.07 -21.61	49.46 0.89 -1.82	52.06 1.26 0.02	47.54 2.08 0.00	44.53 1.71 7.93	45.76 0.56 2.58	49.12 0.68 1.80	50.30 -0.20 16.33	51.61 0.15 19.42	51.72 0.58 7.32	39.63 0.15 10.05
NPX_GEN_CSC 323557	44.19 1.18 0.00	34.35 0.70 0.00	34.01 0.72 0.00	32.35 0.51 0.00	30.26 0.55 0.00	37.54 0.86 0.00	44.41 0.45 0.00	43.31 0.98 0.00	45.06 1.12 0.00	44.02 1.22 0.00	40.85 1.85 0.00	45.71 1.44 -0.11	46.14 1.00 0.00	67.67 1.02 -21.61	50.01 1.43 -1.83	52.66 1.85 0.01	48.01 2.55 0.00	51.97 3.09 1.87	49.49 1.90 0.19	49.74 1.31 1.80	59.23 0.79 8.39	52.34 0.57 19.10	51.58 0.21 7.09	39.74 0.09 9.88
NSINS_S_GLNS_FALLS 23858	44.91 1.90 0.00	35.11 1.45 0.00	34.76 1.48 0.00	33.23 1.39 0.00	31.04 1.32 0.00	38.42 1.74 0.00	45.93 1.93 -0.05	44.27 1.95 0.00	45.82 1.88 0.00	44.38 1.57 0.00	40.06 1.06 0.00	44.94 0.88 0.10	45.99 0.86 0.00	26.31 0.76 19.49	46.05 0.95 1.65	52.47 1.66 0.00	47.46 2.00 0.00	53.89 3.13 0.00	51.05 3.27 0.00	53.64 3.41 0.00	71.05 4.23 0.00	74.13 3.26 0.00	60.93 2.46 0.00	51.65 2.11 0.00
NUCOR_STEEL___DRP 24197	43.04 0.04 0.00	33.67 0.01 0.00	33.28 0.00 0.00	31.75 -0.09 0.00	29.72 0.01 0.00	36.87 0.19 0.00	43.99 0.03 0.00	42.46 0.13 0.00	44.02 0.08 0.00	42.78 -0.03 0.00	39.02 0.01 0.00	44.28 0.11 0.00	45.61 0.48 0.00	45.66 0.62 0.00	47.46 0.70 0.00	51.60 0.79 0.00	46.21 0.74 -0.01	53.42 1.36 -1.30	50.43 1.45 -1.19	53.72 1.60 -1.89	74.22 1.59 -5.80	77.48 1.50 -5.11	62.27 1.11 -2.70	50.30 0.76 -0.01
NUMBER_THREE_WT_PWR 323818	45.34 2.34 0.00	35.38 1.73 0.00	34.94 1.65 0.00	33.38 1.54 0.00	31.18 1.46 0.00	38.61 1.93 0.00	46.30 2.35 0.00	44.74 2.42 0.00	46.36 2.42 0.00	44.67 1.86 0.00	40.49 1.49 0.00	45.76 1.59 0.00	46.56 1.43 0.00	46.49 1.45 0.00	48.07 1.32 0.00	52.28 1.47 0.00	46.81 1.34 0.00	53.02 1.69 -0.58	50.53 2.22 -0.53	54.13 3.06 -0.84	74.11 4.69 -2.58	78.42 5.27 -2.28	63.74 4.08 -1.20	52.63 3.09 0.00
NYISO_LBMP_REFERENCE 24008	43.00 0.00 0.00	33.66 0.00 0.00	33.28 0.00 0.00	31.84 0.00 0.00	29.71 0.00 0.00	36.68 0.00 0.00	43.96 0.00 0.00	42.33 0.00 0.00	43.94 0.00 0.00	42.81 0.00 0.00	39.01 0.00 0.00	44.16 0.00 0.00	45.13 0.00 0.00	45.04 0.00 0.00	46.75 0.00 0.00	50.81 0.00 0.00	45.46 0.00 0.00	50.76 0.00 0.00	47.78 0.00 0.00	50.23 0.00 0.00	66.83 0.00 0.00	70.87 0.00 0.00	58.46 0.00 0.00	49.54 0.00 0.00
NYPA_BRENTWD____GT 24164	44.69 1.69 0.00	34.93 1.28 0.00	34.46 1.17 0.00	32.77 0.93 0.00	30.65 0.94 0.00	38.06 1.39 0.00	45.22 1.26 0.00	43.83 1.50 0.00	45.66 1.72 0.00	44.76 1.95 0.00	41.53 2.52 0.00	46.40 2.13 -0.11	46.80 1.67 0.00	68.24 1.58 -21.61	50.52 1.94 -1.83	53.18 2.38 0.01	48.46 3.00 0.00	53.30 3.15 0.60	49.50 1.96 0.24	51.69 1.47 0.00	59.24 1.02 8.60	53.23 1.05 18.69	46.35 0.78 12.89	40.52 0.66 9.67

NYPA_GOWANUS____GT5 24156	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.80 1.48 0.00	45.64 1.70 0.00	44.82 2.01 0.00	41.16 2.15 0.00	46.47 2.20 -0.11	47.14 2.01 0.00	68.54 1.89 -21.61	50.61 2.03 -1.83	53.22 2.41 0.00	48.35 2.89 0.00	53.84 3.08 0.00	49.97 2.19 0.00	51.97 1.74 0.00	68.46 1.63 0.00	72.22 1.35 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NYPA_GOWANUS____GT6 24157	44.56 1.55 0.00	35.00 1.35 0.00	34.43 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.80 1.48 0.00	45.64 1.70 0.00	44.82 2.01 0.00	41.16 2.15 0.00	46.47 2.20 -0.11	47.14 2.01 0.00	68.54 1.89 -21.61	50.61 2.03 -1.83	53.22 2.41 0.00	48.35 2.89 0.00	53.84 3.08 0.00	49.97 2.19 0.00	51.97 1.74 0.00	68.46 1.63 0.00	72.22 1.35 0.00	59.58 1.12 0.00	50.68 1.14 0.00
NYPA_HARLEM__RVR__GT1 24160	44.38 1.38 0.00	34.85 1.19 0.00	34.29 1.01 0.00	32.71 0.86 0.00	30.60 0.88 0.00	37.93 1.25 0.00	45.39 1.43 0.00	43.82 1.50 0.00	45.75 1.81 0.00	44.79 1.98 0.00	40.96 1.96 0.00	46.22 1.95 -0.11	46.95 1.82 0.00	68.35 1.70 -21.61	50.39 1.80 -1.83	52.97 2.16 0.00	48.13 2.67 0.00	53.49 2.73 0.00	49.69 1.90 0.00	51.67 1.44 0.00	68.07 1.24 0.00	71.77 0.90 0.00	59.32 0.86 0.00	50.57 1.04 0.00
NYPA_HARLEM__RVR__GT2 24161	44.38 1.38 0.00	34.85 1.19 0.00	34.29 1.01 0.00	32.71 0.86 0.00	30.60 0.88 0.00	37.93 1.25 0.00	45.39 1.43 0.00	43.82 1.50 0.00	45.75 1.81 0.00	44.79 1.98 0.00	40.96 1.96 0.00	46.22 1.95 -0.11	46.95 1.82 0.00	68.35 1.70 -21.61	50.39 1.80 -1.83	52.97 2.16 0.00	48.13 2.67 0.00	53.49 2.73 0.00	49.69 1.90 0.00	51.67 1.44 0.00	68.07 1.24 0.00	71.77 0.90 0.00	59.32 0.86 0.00	50.57 1.04 0.00
NYPA_KENT____GT 24152	44.47 1.47 0.00	34.93 1.28 0.00	34.39 1.10 0.00	32.77 0.93 0.00	30.59 0.87 0.00	37.95 1.27 0.00	45.39 1.43 0.00	43.82 1.49 0.00	45.67 1.73 0.00	44.87 2.05 0.00	41.18 2.17 0.00	46.51 2.24 -0.11	47.18 2.06 0.00	68.55 1.90 -21.61	50.61 2.02 -1.83	53.21 2.40 0.00	48.33 2.87 0.00	53.82 3.07 0.00	49.92 2.13 0.00	51.89 1.67 0.00	68.33 1.51 0.00	72.08 1.20 0.00	59.47 1.00 0.00	50.58 1.04 0.00
NYPA_POUCH1____GT 24155	44.44 1.44 0.00	34.91 1.25 0.00	34.34 1.06 0.00	32.72 0.88 0.00	30.55 0.84 0.00	37.89 1.21 0.00	45.28 1.32 0.00	43.71 1.38 0.00	45.49 1.55 0.00	44.71 1.90 0.00	41.09 2.08 0.00	46.33 2.06 -0.11	46.96 1.83 0.00	68.37 1.72 -21.61	50.46 1.87 -1.83	53.05 2.24 0.00	48.23 2.77 0.00	53.68 2.92 0.00	49.83 2.05 0.00	51.85 1.62 0.00	68.27 1.45 0.00	72.04 1.17 0.00	59.43 0.96 0.00	50.53 1.00 0.00
NYPA_VERNON____GT2 24162	44.40 1.39 0.00	34.87 1.22 0.00	34.33 1.05 0.00	32.73 0.88 0.00	30.55 0.84 0.00	37.89 1.22 0.00	45.35 1.39 0.00	43.83 1.50 0.00	45.70 1.75 0.00	44.88 2.07 0.00	41.19 2.18 0.00	46.53 2.26 -0.11	47.22 2.09 0.00	68.54 1.89 -21.61	50.57 1.99 -1.83	53.18 2.37 0.00	48.29 2.83 0.00	53.80 3.04 0.00	49.89 2.11 0.00	51.85 1.62 0.00	68.27 1.45 0.00	71.95 1.08 0.00	59.35 0.88 0.00	50.49 0.95 0.00
NYPA_VERNON____GT3 24163	44.40 1.39 0.00	34.87 1.22 0.00	34.33 1.05 0.00	32.73 0.88 0.00	30.55 0.84 0.00	37.89 1.22 0.00	45.35 1.39 0.00	43.83 1.50 0.00	45.70 1.75 0.00	44.88 2.07 0.00	41.19 2.18 0.00	46.53 2.26 -0.11	47.22 2.09 0.00	68.54 1.89 -21.61	50.57 1.99 -1.83	53.18 2.37 0.00	48.29 2.83 0.00	53.80 3.04 0.00	49.89 2.11 0.00	51.85 1.62 0.00	68.27 1.45 0.00	71.95 1.08 0.00	59.35 0.88 0.00	50.49 0.95 0.00
NYPA____ASTORIA_CC1 323568	44.33 1.33 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.67 0.83 0.00	30.51 0.80 0.00	37.83 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.67 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.98 0.00	68.45 1.79 -21.61	50.47 1.88 -1.83	53.05 2.25 0.00	48.19 2.73 0.00	53.67 2.91 0.00	49.78 2.00 0.00	51.74 1.52 0.00	68.14 1.31 0.00	71.81 0.94 0.00	59.24 0.78 0.00	50.42 0.88 0.00
NYPA____ASTORIA_CC2 323569	44.33 1.33 0.00	34.83 1.18 0.00	34.29 1.00 0.00	32.67 0.83 0.00	30.51 0.80 0.00	37.83 1.16 0.00	45.27 1.32 0.00	43.76 1.43 0.00	45.62 1.67 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.44 2.17 -0.11	47.11 1.98 0.00	68.45 1.79 -21.61	50.47 1.88 -1.83	53.05 2.25 0.00	48.19 2.73 0.00	53.67 2.91 0.00	49.78 2.00 0.00	51.74 1.52 0.00	68.14 1.31 0.00	71.81 0.94 0.00	59.24 0.78 0.00	50.42 0.88 0.00
NYPA____HOLTSVILL 23794	44.23 1.22 0.00	34.55 0.90 0.00	34.10 0.82 0.00	32.45 0.60 0.00	30.35 0.64 0.00	37.67 0.99 0.00	44.70 0.74 0.00	43.39 1.06 0.00	45.13 1.19 0.00	44.22 1.41 0.00	41.01 2.01 0.00	45.83 1.56 -0.11	46.26 1.13 0.00	67.75 1.09 -21.61	50.05 1.47 -1.83	52.69 1.88 0.01	48.02 2.56 0.00	53.15 2.83 0.44	49.31 1.70 0.17	51.36 1.13 0.00	58.81 0.61 8.63	52.19 0.45 19.13	45.52 0.24 13.19	39.84 0.20 9.90
NYPA____HELLGATE_GT1 24158	44.38 1.38 0.00	34.85 1.19 0.00	34.29 1.01 0.00	32.71 0.86 0.00	30.60 0.88 0.00	37.93 1.25 0.00	45.39 1.43 0.00	43.82 1.50 0.00	45.75 1.81 0.00	44.79 1.98 0.00	40.96 1.96 0.00	46.18 1.92 -0.11	46.91 1.78 0.00	68.31 1.66 -21.61	50.35 1.76 -1.83	52.93 2.12 0.00	48.10 2.63 0.00	53.46 2.70 0.00	49.69 1.90 0.00	51.67 1.44 0.00	68.07 1.24 0.00	71.77 0.90 0.00	59.32 0.86 0.00	50.57 1.04 0.00
NYPA____HELLGATE_GT2 24159	44.38 1.38 0.00	34.85 1.19 0.00	34.29 1.01 0.00	32.71 0.86 0.00	30.60 0.88 0.00	37.93 1.25 0.00	45.39 1.43 0.00	43.82 1.50 0.00	45.75 1.81 0.00	44.79 1.98 0.00	40.96 1.96 0.00	46.18 1.92 -0.11	46.91 1.78 0.00	68.31 1.66 -21.61	50.35 1.76 -1.83	52.93 2.12 0.00	48.10 2.63 0.00	53.46 2.70 0.00	49.69 1.90 0.00	51.67 1.44 0.00	68.07 1.24 0.00	71.77 0.90 0.00	59.32 0.86 0.00	50.57 1.04 0.00
NYS_BARGE____HYD 23848	42.74 -0.26 0.00	33.14 -0.52 0.00	32.73 -0.56 0.00	31.26 -0.59 0.00	29.31 -0.41 0.00	36.33 -0.35 0.00	42.41 -1.54 0.00	40.34 -1.98 0.00	41.95 -1.99 0.00	41.20 -1.61 0.00	37.99 -1.02 0.00	45.03 0.87 0.00	46.83 1.71 0.00	46.83 1.79 0.00	48.45 1.70 0.00	52.40 1.59 0.00	46.70 1.24 0.00	52.55 1.79 0.00	49.25 1.47 0.00	51.77 1.54 0.00	67.47 0.64 0.00	71.88 1.00 0.00	60.50 2.03 0.00	51.44 1.90 0.00
OAK ORCHARD____HYD 24046	42.98 -0.02 0.00	33.48 -0.18 0.00	33.06 -0.22 0.00	31.58 -0.26 0.00	29.55 -0.16 0.00	36.62 -0.05 0.00	43.46 -0.50 0.00	41.75 -0.58 0.00	43.43 -0.51 0.00	42.42 -0.39 0.00	38.89 -0.11 0.00	45.16 1.00 0.00	46.73 1.60 0.00	46.84 1.79 0.00	48.60 1.84 0.00	52.76 1.95 0.00	47.25 1.79 0.00	53.19 2.43 0.00	50.02 2.24 0.00	52.52 2.29 0.00	68.98 2.16 0.00	73.11 2.24 0.00	60.51 2.05 0.00	51.09 1.55 0.00

OAKDALE___35_KV_LOAD 356122	42.85 -0.15 0.00	33.42 -0.23 0.00	33.00 -0.29 0.00	31.59 -0.25 0.00	29.52 -0.20 0.00	36.58 -0.10 0.00	43.73 -0.22 0.00	41.95 -0.37 0.00	43.65 -0.29 0.00	42.72 -0.09 0.00	39.08 0.07 0.00	44.58 0.42 0.00	45.79 0.66 0.00	45.75 0.70 0.00	47.62 0.87 0.00	51.44 0.63 0.00	46.29 0.82 0.00	52.58 1.25 -0.58	49.41 1.09 -0.53	52.21 1.13 -0.85	70.18 0.76 -2.59	73.90 0.74 -2.29	60.27 0.60 -1.21	49.89 0.35 0.00
OCC_CHEM___DRP 24175	41.85 -1.15 0.00	32.48 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.05 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.56 1.51 0.00	48.06 1.30 0.00	51.95 1.14 0.00	46.25 0.79 0.00	52.03 1.27 0.00	48.70 0.92 0.00	51.07 0.84 0.00	66.57 -0.26 0.00	70.98 0.11 0.00	59.64 1.18 0.00	50.79 1.26 0.00
OH_GEN_PROXY 24063	42.03 -0.98 0.00	32.61 -1.04 0.00	32.23 -1.06 0.00	30.79 -1.05 0.00	28.88 -0.84 0.00	35.80 -0.88 0.00	41.80 -2.16 0.00	39.79 -2.54 0.00	11.10 -2.42 30.43	40.93 -1.89 0.00	37.83 -1.18 0.00	44.86 0.70 0.00	46.66 1.53 0.00	46.62 1.57 0.00	48.18 1.43 0.00	52.06 1.25 0.00	46.36 0.90 0.00	50.75 1.39 1.40	48.82 1.04 0.00	49.44 1.01 1.80	67.11 0.02 -0.27	71.23 0.36 0.00	65.83 1.29 -6.07	50.81 1.27 0.00
OLIN_CORP_DRP 24177	42.27 -0.74 0.00	32.78 -0.87 0.00	32.40 -0.89 0.00	30.95 -0.89 0.00	29.02 -0.69 0.00	35.96 -0.71 0.00	41.91 -2.05 0.00	39.84 -2.49 0.00	41.39 -2.55 0.00	40.68 -2.13 0.00	37.56 -1.45 0.00	44.63 0.47 0.00	46.46 1.33 0.00	46.45 1.41 0.00	48.00 1.25 0.00	51.89 1.08 0.00	46.27 0.81 0.00	52.05 1.29 0.00	48.74 0.95 0.00	51.14 0.91 0.00	66.63 -0.20 0.00	71.03 0.16 0.00	59.91 1.45 0.00	51.04 1.51 0.00
OLIN_CORP_DSASP 323712	41.85 -1.15 0.00	32.47 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.04 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.54 1.49 0.00	48.06 1.31 0.00	51.97 1.16 0.00	46.25 0.79 0.00	52.02 1.26 0.00	48.69 0.91 0.00	51.08 0.86 0.00	66.59 -0.24 0.00	70.99 0.11 0.00	59.66 1.19 0.00	50.79 1.26 0.00
ONEIDA_HERK_LFGE 323681	44.58 1.57 0.00	34.80 1.14 0.00	34.38 1.10 0.00	32.87 1.03 0.00	30.69 0.98 0.00	37.99 1.32 0.00	45.57 1.61 0.00	44.13 1.80 0.00	45.90 1.95 0.00	44.39 1.58 0.00	40.34 1.34 0.00	45.66 1.50 0.00	46.59 1.46 0.00	46.37 1.33 0.00	47.97 1.21 0.00	52.19 1.39 0.00	46.89 1.43 0.00	52.95 1.87 -0.32	50.17 2.09 -0.29	53.23 2.54 -0.46	71.70 3.45 -1.42	75.78 3.66 -1.25	61.91 2.79 -0.66	51.65 2.11 0.00
ONEIDA___115KV_TB4 55905	44.20 1.20 0.00	34.50 0.85 0.00	34.10 0.82 0.00	32.60 0.76 0.00	30.43 0.72 0.00	37.69 1.02 0.00	45.20 1.24 0.00	43.56 1.24 0.00	45.20 1.26 0.00	43.80 0.99 0.00	39.89 0.88 0.00	45.23 1.07 0.00	46.29 1.16 0.00	46.26 1.21 0.00	48.03 1.28 0.00	52.27 1.46 0.00	47.07 1.60 0.00	53.38 2.18 -0.44	50.47 2.29 -0.41	53.46 2.58 -0.64	71.99 3.19 -1.97	75.78 3.16 -1.74	61.74 2.36 -0.92	51.32 1.78 0.00
ONONDAGA_REF_OCCRA 23987	42.69 -0.31 0.00	33.32 -0.33 0.00	32.97 -0.32 0.00	31.52 -0.32 0.00	29.44 -0.27 0.00	36.44 -0.23 0.00	43.68 -0.28 0.00	42.11 -0.22 0.00	43.72 -0.22 0.00	42.53 -0.28 0.00	38.77 -0.23 0.00	44.14 -0.02 0.00	45.29 0.16 0.00	45.28 0.23 0.00	47.08 0.33 0.00	51.15 0.34 0.00	46.03 0.56 -0.01	52.59 0.88 -0.96	49.52 0.86 -0.88	52.51 0.89 -1.40	71.83 0.72 -4.28	75.21 0.56 -3.77	60.80 0.34 -1.99	49.66 0.12 0.00
ONONDAGA___COGEN 23986	42.67 -0.34 0.00	33.33 -0.32 0.00	32.95 -0.33 0.00	31.51 -0.33 0.00	29.44 -0.28 0.00	36.44 -0.24 0.00	43.66 -0.29 0.00	42.10 -0.22 0.00	43.70 -0.24 0.00	42.49 -0.32 0.00	38.73 -0.27 0.00	44.06 -0.10 0.00	45.21 0.08 0.00	45.23 0.18 0.00	47.01 0.26 0.00	51.12 0.31 0.00	45.95 0.48 -0.01	53.04 0.83 -1.45	49.94 0.82 -1.33	53.20 0.86 -2.11	73.96 0.66 -6.47	77.11 0.53 -5.70	61.79 0.32 -3.01	49.64 0.10 -0.01
ONTARIO___LFGE 23819	43.21 0.21 0.00	33.76 0.10 0.00	33.31 0.03 0.00	31.87 0.03 0.00	29.80 0.09 0.00	36.99 0.31 0.00	44.12 0.16 0.00	42.37 0.04 0.00	43.96 0.02 0.00	42.82 0.01 0.00	39.15 0.15 0.00	44.77 0.61 0.00	46.18 1.06 0.00	46.32 1.28 0.00	48.24 1.49 0.00	52.26 1.45 0.00	47.03 1.57 0.00	53.60 2.33 -0.51	50.57 2.32 -0.47	53.57 2.59 -0.74	71.62 2.52 -2.28	75.39 2.51 -2.01	61.53 2.01 -1.06	50.93 1.40 0.00
ORANGEVILLE_WT_PWR 323706	42.73 -0.27 0.00	33.15 -0.50 0.00	32.77 -0.52 0.00	31.33 -0.51 0.00	29.34 -0.37 0.00	36.45 -0.22 0.00	42.88 -1.08 0.00	40.87 -1.46 0.00	42.55 -1.40 0.00	41.85 -0.96 0.00	38.58 -0.43 0.00	45.29 1.13 0.00	47.05 1.93 0.00	47.08 2.03 0.00	48.81 2.06 0.00	52.68 1.88 0.00	47.16 1.70 0.00	53.08 2.32 0.00	49.67 1.89 0.00	52.34 2.11 0.00	68.24 1.42 0.00	72.44 1.56 0.00	60.51 2.04 0.00	51.29 1.75 0.00
ORANGEVILLE___ESR 323794	42.73 -0.27 0.00	33.15 -0.50 0.00	32.77 -0.52 0.00	31.33 -0.51 0.00	29.34 -0.37 0.00	36.45 -0.22 0.00	42.88 -1.08 0.00	40.87 -1.46 0.00	42.55 -1.40 0.00	41.85 -0.96 0.00	38.58 -0.43 0.00	45.29 1.13 0.00	47.05 1.93 0.00	47.08 2.03 0.00	48.81 2.06 0.00	52.68 1.88 0.00	47.16 1.70 0.00	53.08 2.32 0.00	49.67 1.89 0.00	52.34 2.11 0.00	68.24 1.42 0.00	72.44 1.56 0.00	60.51 2.04 0.00	51.29 1.75 0.00
OSWEGATCHIE___HYD 24044	45.20 2.19 0.00	35.32 1.66 0.00	34.86 1.57 0.00	33.32 1.48 0.00	31.10 1.39 0.00	38.42 1.74 0.00	46.08 2.12 0.00	44.06 1.73 0.00	45.66 1.72 0.00	44.21 1.40 0.00	40.16 1.15 0.00	45.30 1.13 0.00	46.06 0.93 0.00	46.08 1.04 0.00	47.67 0.92 0.00	51.60 0.79 0.00	45.72 0.26 0.00	50.99 -0.13 -0.36	48.65 0.53 -0.33	51.90 1.14 -0.53	70.86 2.41 -1.63	75.77 3.46 -1.43	62.16 2.94 -0.76	51.83 2.30 0.00
OSWEGO___5 23606	41.94 -1.07 0.00	32.78 -0.88 0.00	32.42 -0.87 0.00	31.01 -0.83 0.00	28.95 -0.77 0.00	35.81 -0.87 0.00	42.91 -1.05 0.00	41.38 -0.94 0.00	42.96 -0.98 0.00	41.78 -1.03 0.00	38.04 -0.97 0.00	43.22 -0.95 0.00	44.30 -0.83 0.00	44.26 -0.79 0.00	45.96 -0.79 0.00	49.94 -0.87 0.00	44.89 -0.62 -0.05	56.38 -0.51 -6.13	52.97 -0.45 -5.64	58.69 -0.48 -8.95	93.27 -0.97 -27.41	93.88 -1.14 -24.14	70.23 -0.97 -12.74	48.65 -0.92 -0.03
OSWEGO___6 23613	41.94 -1.07 0.00	32.78 -0.88 0.00	32.42 -0.87 0.00	31.01 -0.83 0.00	28.95 -0.77 0.00	35.81 -0.87 0.00	42.91 -1.05 0.00	41.38 -0.94 0.00	42.96 -0.98 0.00	41.78 -1.03 0.00	38.04 -0.97 0.00	43.22 -0.95 0.00	44.30 -0.83 0.00	44.26 -0.79 0.00	45.96 -0.79 0.00	49.94 -0.87 0.00	44.89 -0.62 -0.05	56.38 -0.51 -6.13	52.97 -0.45 -5.64	58.69 -0.48 -8.95	93.27 -0.97 -27.41	93.88 -1.14 -24.14	70.23 -0.97 -12.74	48.65 -0.92 -0.03

OUTOKUMPU-AB___DRP 24206	42.98 -0.02 0.00	33.30 -0.35 0.00	32.88 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.51 -0.17 0.00	42.64 -1.32 0.00	40.70 -1.63 0.00	42.46 -1.49 0.00	41.83 -0.97 0.00	38.68 -0.32 0.00	45.98 1.82 0.00	47.87 2.74 0.00	47.87 2.83 0.00	49.48 2.72 0.00	53.52 2.71 0.00	47.68 2.22 0.00	53.70 2.94 0.00	50.28 2.49 0.00	52.73 2.50 0.00	68.65 1.83 0.00	73.06 2.19 0.00	61.47 3.01 0.00	52.25 2.71 0.00
OXBOW___BTM 323836	42.44 -0.57 0.00	32.89 -0.76 0.00	32.49 -0.80 0.00	31.03 -0.81 0.00	29.09 -0.63 0.00	36.07 -0.61 0.00	42.06 -1.90 0.00	40.11 -2.22 0.00	41.88 -2.06 0.00	41.27 -1.54 0.00	38.18 -0.83 0.00	45.39 1.23 0.00	47.28 2.15 0.00	47.26 2.22 0.00	48.85 2.10 0.00	52.84 2.04 0.00	47.07 1.61 0.00	52.97 2.21 0.00	49.58 1.80 0.00	52.01 1.78 0.00	67.74 0.91 0.00	72.14 1.26 0.00	60.64 2.18 0.00	51.57 2.03 0.00
OXBOW___ 24026	42.44 -0.57 0.00	32.89 -0.76 0.00	32.49 -0.80 0.00	31.03 -0.81 0.00	29.09 -0.62 0.00	36.07 -0.61 0.00	42.06 -1.90 0.00	40.11 -2.22 0.00	41.88 -2.06 0.00	41.27 -1.54 0.00	38.17 -0.84 0.00	45.39 1.23 0.00	47.28 2.16 0.00	47.28 2.23 0.00	48.85 2.10 0.00	52.85 2.04 0.00	47.07 1.61 0.00	52.98 2.22 0.00	49.59 1.81 0.00	52.00 1.77 0.00	67.72 0.89 0.00	72.12 1.25 0.00	60.63 2.16 0.00	51.57 2.03 0.00
OXY_CHEM_DSASP 323612	41.85 -1.15 0.00	32.48 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.05 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.56 1.51 0.00	48.06 1.30 0.00	51.95 1.14 0.00	46.25 0.79 0.00	52.03 1.27 0.00	48.70 0.92 0.00	51.07 0.84 0.00	66.57 -0.26 0.00	70.98 0.11 0.00	59.64 1.18 0.00	50.79 1.26 0.00
OZONE_PARK_ESR 323760	44.84 1.83 0.00	35.14 1.49 0.00	34.63 1.35 0.00	33.00 1.15 0.00	30.78 1.07 0.00	38.18 1.50 0.00	45.70 1.75 0.00	44.17 1.84 0.00	46.08 2.14 0.00	45.24 2.43 0.00	41.53 2.53 0.00	47.04 2.77 -0.11	47.78 2.65 0.00	69.13 2.48 -21.61	51.23 2.65 -1.83	53.87 3.06 0.00	48.92 3.46 0.00	54.65 3.89 0.00	50.67 2.88 0.00	52.70 2.47 0.00	69.38 2.55 0.00	73.12 2.25 0.00	60.22 1.76 0.00	51.15 1.61 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	41.85 -1.15 0.00	32.48 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.05 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.56 1.51 0.00	48.06 1.30 0.00	51.95 1.14 0.00	46.25 0.79 0.00	52.03 1.27 0.00	48.70 0.92 0.00	51.07 0.84 0.00	66.57 -0.26 0.00	70.98 0.11 0.00	59.64 1.18 0.00	50.79 1.26 0.00
PACKARD___115KV_DUPONT_184 80571	41.85 -1.15 0.00	32.48 -1.18 0.00	32.09 -1.19 0.00	30.66 -1.18 0.00	28.75 -0.96 0.00	35.63 -1.05 0.00	41.50 -2.46 0.00	39.54 -2.79 0.00	41.28 -2.66 0.00	40.66 -2.15 0.00	37.60 -1.41 0.00	44.72 0.56 0.00	46.57 1.44 0.00	46.56 1.51 0.00	48.06 1.30 0.00	51.95 1.14 0.00	46.25 0.79 0.00	52.03 1.27 0.00	48.70 0.92 0.00	51.07 0.84 0.00	66.57 -0.26 0.00	70.98 0.11 0.00	59.64 1.18 0.00	50.79 1.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.34 1.34 0.00	34.82 1.16 0.00	34.27 0.98 0.00	32.68 0.84 0.00	30.55 0.84 0.00	37.88 1.20 0.00	45.33 1.37 0.00	43.78 1.45 0.00	45.69 1.74 0.00	44.77 1.96 0.00	40.98 1.97 0.00	46.26 1.99 -0.11	46.98 1.86 0.00	68.37 1.72 -21.61	50.41 1.83 -1.83	53.01 2.21 0.00	48.16 2.70 0.00	53.58 2.82 0.00	49.78 2.00 0.00	51.79 1.56 0.00	68.24 1.41 0.00	71.92 1.04 0.00	59.38 0.91 0.00	50.53 1.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.52 2.51 0.00	35.74 2.09 0.00	35.20 1.92 0.00	33.57 1.73 0.00	31.41 1.69 0.00	39.00 2.32 0.00	46.67 2.71 0.00	45.01 2.68 0.00	47.00 3.06 0.00	46.07 3.26 0.00	42.13 3.12 0.00	47.55 3.27 -0.11	48.33 3.20 0.00	69.69 3.03 -21.61	51.74 3.15 -1.83	54.44 3.63 0.00	49.41 3.94 0.00	54.99 4.23 0.00	51.04 3.25 0.00	53.11 2.88 0.00	70.03 3.20 0.00	73.81 2.94 0.00	60.97 2.51 0.00	51.94 2.40 0.00
PATROON___115KV_TB1 80586	43.02 0.02 0.00	33.72 0.07 0.00	33.50 0.22 0.00	32.13 0.29 0.00	30.00 0.28 0.00	37.03 0.36 0.00	44.06 0.16 0.06	42.56 0.23 0.00	44.12 0.18 0.00	42.95 0.14 0.00	39.05 0.04 0.00	43.91 -0.16 0.09	44.87 -0.26 0.00	26.86 -0.35 17.83	44.92 -0.32 1.51	50.76 -0.05 0.00	45.78 0.31 0.00	51.53 0.77 0.00	48.28 0.50 0.00	50.60 0.37 0.00	66.93 0.10 0.00	70.60 -0.28 0.00	58.15 -0.31 0.00	49.31 -0.22 0.00
PATTRSNVILLE___SOLAR 323815	44.25 1.25 0.00	34.62 0.96 0.00	34.25 0.97 0.00	32.76 0.92 0.00	30.58 0.87 0.00	37.81 1.13 0.00	45.22 1.27 0.00	43.46 1.13 0.00	44.96 1.01 0.00	43.59 0.77 0.00	39.52 0.51 0.00	44.44 0.35 0.07	45.42 0.29 0.00	30.85 0.26 14.46	45.82 0.29 1.23	51.30 0.50 0.00	46.25 0.79 0.00	52.18 1.42 0.00	49.34 1.56 0.00	52.10 1.87 0.00	69.17 2.34 0.00	73.07 2.20 0.00	60.20 1.73 0.00	50.97 1.44 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.85 -0.16 0.00	33.19 -0.47 0.00	32.76 -0.53 0.00	31.30 -0.55 0.00	29.34 -0.37 0.00	36.41 -0.26 0.00	42.79 -1.17 0.00	41.42 -0.91 0.00	43.26 -0.68 0.00	42.63 -0.18 0.00	39.45 0.45 0.00	46.80 2.64 0.00	48.85 3.72 0.00	48.98 3.94 0.00	50.80 4.04 0.00	54.93 4.12 0.00	49.09 3.63 0.00	55.28 4.52 0.00	51.74 3.96 0.00	54.26 4.03 0.00	70.51 3.69 0.00	74.92 4.05 0.00	62.70 4.24 0.00	53.13 3.60 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.47 1.47 0.00	34.82 1.16 0.00	34.35 1.07 0.00	32.78 0.94 0.00	30.59 0.88 0.00	37.92 1.24 0.00	45.38 1.42 0.00	43.83 1.50 0.00	45.66 1.72 0.00	44.74 1.93 0.00	41.01 2.01 0.00	46.45 2.20 -0.10	47.21 2.08 0.00	66.19 2.00 -19.14	50.57 2.19 -1.62	53.44 2.63 0.00	48.46 3.00 0.00	54.35 3.59 0.00	50.56 2.78 0.00	52.67 2.44 0.00	69.35 2.52 0.00	73.00 2.13 0.00	60.02 1.56 0.00	50.86 1.33 0.00
PEEKSKILL___ 23653	43.98 0.98 0.00	34.47 0.81 0.00	34.02 0.73 0.00	32.44 0.60 0.00	30.27 0.55 0.00	37.54 0.86 0.00	44.91 0.95 0.00	43.35 1.02 0.00	45.13 1.19 0.00	44.23 1.42 0.00	40.54 1.54 0.00	45.91 1.65 -0.11	46.69 1.57 0.00	67.66 1.39 -21.22	50.09 1.54 -1.80	52.68 1.87 0.00	47.77 2.31 0.00	53.46 2.71 0.00	49.70 1.92 0.00	51.77 1.54 0.00	68.22 1.39 0.00	71.85 0.97 0.00	59.16 0.70 0.00	50.23 0.70 0.00
PGE MADISON___WINDPWR 24146	45.84 2.84 0.00	35.74 2.08 0.00	35.25 1.96 0.00	33.71 1.87 0.00	31.55 1.83 0.00	39.13 2.46 0.00	47.01 3.05 0.00	45.10 2.77 0.00	46.54 2.60 0.00	45.36 2.55 0.00	41.34 2.33 0.00	47.09 2.93 0.00	48.37 3.24 0.00	48.32 3.27 0.00	50.43 3.67 0.00	54.71 3.90 0.00	49.59 4.12 0.00	56.55 5.18 -0.61	53.64 5.29 -0.56	57.03 5.91 -0.89	76.69 7.12 -2.74	80.44 7.16 -2.41	65.29 5.55 -1.27	53.57 4.03 0.00

PIERCEFIELD___HYD 23852	45.00 2.00 0.00	35.22 1.57 0.00	34.76 1.47 0.00	33.24 1.40 0.00	31.00 1.29 0.00	38.19 1.51 0.00	45.85 1.90 0.00	43.73 1.40 0.00	45.34 1.40 0.00	44.06 1.24 0.00	40.06 1.05 0.00	45.17 1.01 0.00	45.95 0.82 0.00	45.98 0.94 0.00	47.56 0.81 0.00	51.37 0.56 0.00	45.21 -0.25 0.00	49.68 -1.08 0.00	47.41 -0.37 0.00	50.31 0.08 0.00	67.95 1.12 0.00	73.30 2.42 0.00	60.75 2.28 0.00	51.40 1.87 0.00
PINELAWN_CC_1 323563	44.57 1.57 0.00	34.87 1.21 0.00	34.37 1.08 0.00	32.70 0.86 0.00	30.57 0.85 0.00	37.96 1.29 0.00	45.15 1.19 0.00	43.74 1.41 0.00	45.53 1.59 0.00	44.65 1.84 0.00	41.37 2.36 0.00	46.05 1.78 -0.11	46.31 1.18 0.00	67.65 1.00 -21.61	49.74 1.15 -1.83	52.33 1.53 0.01	47.71 2.25 0.00	52.94 2.42 0.23	49.02 1.33 0.09	51.05 0.82 0.00	59.82 0.24 7.24	54.30 0.07 16.65	47.21 0.23 11.48	41.55 0.64 8.62
PJM_GEN_HTTP_PROXY 323702	44.27 1.26 0.00	34.71 1.05 0.00	34.23 0.95 0.00	32.63 0.79 0.00	30.44 0.73 0.00	37.75 1.08 0.00	46.02 1.25 -0.81	43.68 1.35 0.00	45.55 1.61 0.00	45.36 1.89 -0.66	41.02 2.01 0.00	46.42 2.15 -0.11	47.15 2.02 0.00	68.34 1.83 -21.47	50.54 1.95 -1.83	53.11 2.30 0.00	48.22 2.76 0.00	53.89 3.14 0.00	50.00 2.22 0.00	51.98 1.76 0.00	68.44 1.61 0.00	72.08 1.20 0.00	59.38 0.92 0.00	50.49 0.91 -0.04
PJM_GEN_KEystone 24065	39.26 -0.14 3.60	30.19 -0.23 3.24	32.25 -0.27 0.76	31.51 -0.33 0.00	29.47 -0.24 0.00	36.59 -0.08 0.00	44.35 -0.42 -0.81	41.51 -0.81 0.00	43.31 -0.63 0.00	43.43 -0.04 -0.66	39.34 0.33 0.00	45.27 1.05 -0.06	46.46 1.33 0.00	57.79 1.21 -11.54	49.00 1.26 -0.99	51.98 1.17 0.00	46.82 1.36 0.00	52.51 1.76 0.00	48.98 1.20 0.00	51.20 0.97 0.00	67.15 0.32 0.00	71.10 0.23 0.00	58.96 0.50 0.00	50.01 0.44 -0.04
PJM_GEN_NEPTUNE_PROXY 323594	44.19 1.19 0.00	34.58 0.93 0.00	34.09 0.80 0.00	32.45 0.61 0.00	30.35 0.63 0.00	37.68 1.00 0.00	45.68 0.91 -0.81	43.42 1.09 0.00	45.20 1.26 0.00	44.99 1.52 -0.66	40.96 1.95 0.00	45.93 1.66 -0.11	46.42 1.29 0.00	67.70 1.17 -21.48	50.03 1.45 -1.83	52.64 1.84 0.01	47.86 2.40 0.00	53.35 2.59 0.00	49.36 1.58 0.00	51.34 1.11 0.00	58.31 0.67 9.19	50.51 0.46 20.82	44.44 0.30 14.31	39.15 0.31 10.70
PJM_GEN_VFT_PROXY 323633	44.07 1.07 0.00	34.58 0.93 0.00	34.11 0.82 0.00	32.49 0.65 0.00	30.32 0.60 0.00	37.61 0.93 0.00	45.81 1.04 -0.81	43.49 1.17 0.00	45.33 1.39 0.00	45.16 1.69 -0.66	40.84 1.83 0.00	46.22 1.95 -0.11	46.95 1.82 0.00	68.15 1.63 -21.48	50.34 1.76 -1.83	52.86 2.05 0.00	48.03 2.57 0.00	53.63 2.88 0.00	49.74 1.96 0.00	51.69 1.46 0.00	68.05 1.22 0.00	71.65 0.78 0.00	59.05 0.59 0.00	50.25 0.67 -0.04
PLATSBURG_115KV_PMLD1 355749	43.90 0.89 0.00	34.47 0.81 0.00	33.98 0.69 0.00	32.52 0.68 0.00	30.37 0.65 0.00	37.42 0.75 0.00	44.94 0.99 0.00	42.62 0.29 0.00	44.29 0.35 0.00	43.20 0.40 0.00	39.30 0.29 0.00	44.16 -0.01 0.00	45.00 -0.12 0.00	45.06 0.01 0.00	46.66 -0.09 0.00	50.56 -0.25 0.00	44.77 -0.69 0.00	49.65 -1.11 0.00	47.05 -0.74 0.00	49.61 -0.62 0.00	66.68 -0.14 0.00	71.12 0.25 0.00	58.66 0.20 0.00	49.69 0.16 0.00
PLEASANTVLY___LBMP 24000	43.79 0.78 0.00	34.32 0.66 0.00	33.90 0.61 0.00	32.37 0.53 0.00	30.21 0.49 0.00	37.42 0.74 0.00	44.73 0.77 0.00	43.18 0.86 0.00	44.92 0.98 0.00	43.94 1.13 0.00	40.21 1.20 0.00	45.49 1.21 -0.12	46.22 1.09 0.00	70.13 0.91 -24.17	49.83 1.02 -2.05	52.13 1.32 0.00	47.26 1.80 0.00	52.97 2.21 0.00	49.34 1.56 0.00	51.44 1.21 0.00	67.83 1.01 0.00	71.46 0.59 0.00	58.85 0.39 0.00	49.98 0.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.16 1.16 0.00	34.61 0.95 0.00	34.15 0.87 0.00	32.57 0.73 0.00	30.39 0.67 0.00	37.68 1.00 0.00	45.07 1.12 0.00	43.54 1.21 0.00	45.35 1.40 0.00	44.42 1.61 0.00	40.74 1.73 0.00	46.11 1.84 -0.11	46.86 1.73 0.00	68.40 1.57 -21.79	50.31 1.71 -1.85	52.88 2.07 0.00	47.95 2.48 0.00	53.68 2.92 0.00	49.88 2.10 0.00	51.95 1.72 0.00	68.45 1.62 0.00	72.09 1.22 0.00	59.35 0.89 0.00	50.39 0.85 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.16 1.16 0.00	34.61 0.95 0.00	34.15 0.87 0.00	32.57 0.73 0.00	30.39 0.67 0.00	37.68 1.00 0.00	45.07 1.12 0.00	43.54 1.21 0.00	45.35 1.40 0.00	44.42 1.61 0.00	40.74 1.73 0.00	46.11 1.84 -0.11	46.86 1.73 0.00	68.40 1.57 -21.79	50.31 1.71 -1.85	52.88 2.07 0.00	47.95 2.48 0.00	53.68 2.92 0.00	49.88 2.10 0.00	51.95 1.72 0.00	68.45 1.62 0.00	72.09 1.22 0.00	59.35 0.89 0.00	50.39 0.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.23 1.22 0.00	34.63 0.97 0.00	34.18 0.89 0.00	32.63 0.79 0.00	30.45 0.73 0.00	37.72 1.04 0.00	45.13 1.17 0.00	43.58 1.26 0.00	45.38 1.44 0.00	44.41 1.60 0.00	40.66 1.65 0.00	45.89 1.73 0.00	46.77 1.64 0.00	46.60 1.55 0.00	48.45 1.69 0.00	52.93 2.12 0.00	48.04 2.58 0.00	53.95 3.19 0.00	50.26 2.48 0.00	52.39 2.17 0.00	69.01 2.19 0.00	72.64 1.76 0.00	59.72 1.25 0.00	50.63 1.09 0.00
POLETTI____ 23519	44.24 1.23 0.00	34.69 1.04 0.00	34.21 0.93 0.00	32.60 0.76 0.00	30.42 0.71 0.00	37.72 1.04 0.00	45.15 1.19 0.00	43.64 1.32 0.00	45.51 1.57 0.00	44.69 1.88 0.00	41.00 1.99 0.00	46.39 2.12 -0.11	47.10 1.97 0.00	68.42 1.77 -21.61	50.49 1.90 -1.83	53.06 2.25 0.00	48.19 2.73 0.00	53.82 3.06 0.00	49.89 2.10 0.00	51.85 1.62 0.00	68.28 1.45 0.00	71.90 1.03 0.00	59.23 0.76 0.00	50.34 0.81 0.00
POMONA___ESR 323819	43.96 0.96 0.00	34.44 0.79 0.00	34.00 0.72 0.00	32.42 0.59 0.00	30.26 0.54 0.00	37.52 0.84 0.00	44.90 0.94 0.00	43.32 0.99 0.00	45.10 1.15 0.00	44.20 1.39 0.00	40.53 1.52 0.00	45.94 1.68 -0.10	46.77 1.64 0.00	66.78 1.50 -20.23	50.11 1.64 -1.72	52.79 1.98 0.00	47.89 2.43 0.00	53.58 2.83 0.00	49.82 2.04 0.00	51.89 1.66 0.00	68.34 1.52 0.00	71.96 1.09 0.00	59.27 0.81 0.00	50.26 0.72 0.00
PORT_JEFF_3 23555	44.31 1.31 0.00	34.61 0.95 0.00	34.15 0.86 0.00	32.49 0.65 0.00	30.38 0.67 0.00	37.71 1.04 0.00	44.76 0.81 0.00	43.45 1.13 0.00	45.13 1.19 0.00	44.22 1.41 0.00	41.02 2.01 0.00	45.85 1.59 -0.11	46.40 1.27 0.00	67.90 1.24 -21.61	50.21 1.63 -1.83	52.74 1.94 0.01	47.95 2.49 0.00	52.91 2.64 0.49	49.10 1.51 0.19	51.16 0.93 0.00	58.49 0.34 8.68	52.03 0.26 19.10	45.44 0.15 13.17	39.84 0.19 9.88
PORT_JEFF_4 23616	44.31 1.31 0.00	34.61 0.95 0.00	34.15 0.86 0.00	32.49 0.65 0.00	30.38 0.67 0.00	37.71 1.04 0.00	44.76 0.81 0.00	43.45 1.13 0.00	45.13 1.19 0.00	44.22 1.41 0.00	41.02 2.01 0.00	45.85 1.59 -0.11	46.40 1.27 0.00	67.90 1.24 -21.61	50.21 1.63 -1.83	52.74 1.94 0.01	47.95 2.49 0.00	52.91 2.64 0.49	49.10 1.51 0.19	51.16 0.93 0.00	58.49 0.34 8.68	52.03 0.26 19.10	45.44 0.15 13.17	39.84 0.19 9.88

PORT_JEFF_IC 23713	44.38 1.37 0.00	34.65 1.00 0.00	34.19 0.91 0.00	32.52 0.68 0.00	30.43 0.71 0.00	37.76 1.09 0.00	44.81 0.85 0.00	43.50 1.17 0.00	45.03 1.08 0.00	44.13 1.32 0.00	40.95 1.94 0.00	45.77 1.50 -0.11	46.51 1.38 0.00	68.05 1.39 -21.61	50.37 1.79 -1.83	52.95 2.14 0.01	48.15 2.69 0.00	52.81 2.70 0.64	49.07 1.54 0.25	51.17 0.94 0.00	58.40 0.42 8.84	52.36 0.51 19.02	45.72 0.36 13.11	40.01 0.32 9.84
PPL PILGRIM_ST_GT1 24216	44.69 1.69 0.00	34.93 1.28 0.00	34.46 1.17 0.00	32.77 0.93 0.00	30.65 0.94 0.00	38.06 1.39 0.00	45.22 1.26 0.00	43.83 1.50 0.00	45.66 1.72 0.00	44.76 1.95 0.00	41.53 2.52 0.00	46.40 2.13 -0.11	46.80 1.67 0.00	68.24 1.58 -21.61	50.52 1.94 -1.83	53.18 2.38 0.01	48.46 3.00 0.00	53.30 3.15 0.60	49.50 1.96 0.24	51.69 1.47 0.00	59.24 1.02 8.60	53.23 1.05 18.69	46.35 0.78 12.89	40.52 0.66 9.67
PPL PILGRIM_ST_GT2 24217	44.69 1.69 0.00	34.93 1.28 0.00	34.46 1.17 0.00	32.77 0.93 0.00	30.65 0.94 0.00	38.06 1.39 0.00	45.22 1.26 0.00	43.83 1.50 0.00	45.66 1.72 0.00	44.76 1.95 0.00	41.53 2.52 0.00	46.40 2.13 -0.11	46.80 1.67 0.00	68.24 1.58 -21.61	50.52 1.94 -1.83	53.18 2.38 0.01	48.46 3.00 0.00	53.30 3.15 0.60	49.50 1.96 0.24	51.69 1.47 0.00	59.24 1.02 8.60	53.23 1.05 18.69	46.35 0.78 12.89	40.52 0.66 9.67
PPL_SHRM_GT3 24213	44.19 1.19 0.00	34.37 0.72 0.00	34.02 0.73 0.00	32.36 0.52 0.00	30.26 0.55 0.00	37.54 0.87 0.00	44.41 0.46 0.00	43.31 0.99 0.00	45.08 1.14 0.00	44.05 1.24 0.00	40.88 1.88 0.00	45.71 1.44 -0.11	46.12 0.99 0.00	67.66 1.00 -21.61	50.03 1.45 -1.83	52.68 1.88 0.01	48.04 2.58 0.00	53.40 3.16 0.52	49.55 1.97 0.21	51.62 1.39 0.00	59.01 0.89 8.70	52.44 0.63 19.06	45.57 0.25 13.14	39.79 0.12 9.86
PPL_SHRM_GT4 24214	44.19 1.19 0.00	34.37 0.72 0.00	34.02 0.73 0.00	32.36 0.52 0.00	30.26 0.55 0.00	37.54 0.87 0.00	44.41 0.46 0.00	43.31 0.99 0.00	45.08 1.14 0.00	44.05 1.24 0.00	40.88 1.88 0.00	45.71 1.44 -0.11	46.12 0.99 0.00	67.66 1.00 -21.61	50.03 1.45 -1.83	52.68 1.88 0.01	48.04 2.58 0.00	53.40 3.16 0.52	49.55 1.97 0.21	51.62 1.39 0.00	59.01 0.89 8.70	52.44 0.63 19.06	45.57 0.25 13.14	39.79 0.12 9.86
PROJECT___ORANGE 1 24174	42.40 -0.61 0.00	33.10 -0.55 0.00	32.75 -0.53 0.00	31.33 -0.51 0.00	29.25 -0.46 0.00	36.21 -0.47 0.00	43.40 -0.56 0.00	41.85 -0.48 0.00	43.47 -0.47 0.00	42.30 -0.51 0.00	38.58 -0.43 0.00	43.93 -0.23 0.00	45.07 -0.05 0.00	45.06 0.01 0.00	46.83 0.08 0.00	50.89 0.08 0.00	45.78 0.31 -0.01	52.10 0.54 -0.80	49.02 0.50 -0.74	51.87 0.48 -1.17	70.58 0.18 -3.57	74.01 -0.01 -3.15	60.03 -0.09 -1.66	49.30 -0.24 0.00
PROJECT___ORANGE 2 24166	42.40 -0.61 0.00	33.10 -0.55 0.00	32.75 -0.53 0.00	31.33 -0.51 0.00	29.25 -0.46 0.00	36.21 -0.47 0.00	43.40 -0.56 0.00	41.85 -0.48 0.00	43.47 -0.47 0.00	42.30 -0.51 0.00	38.58 -0.43 0.00	43.93 -0.23 0.00	45.07 -0.05 0.00	45.06 0.01 0.00	46.83 0.08 0.00	50.89 0.08 0.00	45.78 0.31 -0.01	52.10 0.54 -0.80	49.02 0.50 -0.74	51.87 0.48 -1.17	70.58 0.18 -3.57	74.01 -0.01 -3.15	60.03 -0.09 -1.66	49.30 -0.24 0.00
PUCKETT___SOLAR 323809	43.57 0.56 0.00	33.97 0.31 0.00	33.52 0.23 0.00	32.08 0.24 0.00	29.98 0.27 0.00	37.17 0.49 0.00	44.49 0.53 0.00	42.67 0.34 0.00	44.33 0.39 0.00	43.23 0.42 0.00	39.36 0.35 0.00	44.76 0.60 0.00	45.94 0.82 0.00	45.88 0.83 0.00	47.80 1.04 0.00	51.73 0.92 0.00	46.73 1.27 0.00	53.27 1.94 -0.57	50.28 1.97 -0.53	53.29 2.23 -0.83	71.68 2.29 -2.56	75.38 2.26 -2.25	61.41 1.76 -1.19	50.76 1.22 0.00
PYRITES___HYD 24023	45.78 2.77 0.00	35.86 2.21 0.00	35.42 2.14 0.00	33.86 2.02 0.00	31.59 1.88 0.00	38.88 2.20 0.00	46.70 2.74 0.00	44.44 2.11 0.00	45.93 1.99 0.00	44.39 1.58 0.00	40.30 1.29 0.00	45.33 1.17 0.00	46.08 0.95 0.00	46.13 1.09 0.00	47.69 0.94 0.00	51.50 0.69 0.00	45.36 -0.10 0.00	49.98 -0.78 0.00	47.93 0.15 0.00	51.24 1.02 0.00	69.47 2.64 0.00	74.85 3.97 0.00	61.91 3.45 0.00	52.35 2.82 0.00
QUAKERRD_115KV_BK1 80622	42.02 -0.99 0.00	32.74 -0.91 0.00	32.34 -0.95 0.00	30.90 -0.94 0.00	28.89 -0.82 0.00	35.81 -0.87 0.00	42.59 -1.37 0.00	40.95 -1.38 0.00	42.61 -1.34 0.00	41.56 -1.25 0.00	38.07 -0.94 0.00	44.01 -0.15 0.00	45.45 0.32 0.00	45.49 0.45 0.00	47.19 0.44 0.00	51.27 0.46 0.00	45.94 0.48 0.00	51.68 0.93 0.00	48.64 0.85 0.00	51.05 0.82 0.00	67.13 0.30 0.00	71.10 0.23 0.00	58.78 0.32 0.00	49.63 0.10 0.00
QUENSBRY_115KV_TB8 356137	44.97 1.97 0.00	35.15 1.50 0.00	34.78 1.50 0.00	33.25 1.41 0.00	31.06 1.35 0.00	38.45 1.77 0.00	45.97 1.97 -0.05	44.33 2.00 0.00	45.87 1.93 0.00	44.43 1.62 0.00	40.09 1.08 0.00	44.99 0.93 0.10	46.05 0.92 0.00	26.60 0.81 19.25	46.14 1.02 1.63	52.59 1.79 0.00	47.59 2.13 0.00	54.09 3.33 0.00	51.26 3.48 0.00	53.85 3.63 0.00	71.32 4.49 0.00	74.26 3.39 0.00	61.03 2.57 0.00	51.75 2.21 0.00
RAMAPO___LBMP 323565	43.77 0.77 0.00	34.29 0.64 0.00	33.85 0.57 0.00	32.28 0.44 0.00	30.12 0.41 0.00	37.36 0.68 0.00	44.72 0.76 0.00	43.13 0.80 0.00	44.90 0.96 0.00	43.98 1.17 0.00	40.32 1.31 0.00	45.68 1.42 -0.10	46.50 1.37 0.00	66.17 1.22 -19.91	49.78 1.35 -1.69	52.47 1.66 0.00	47.57 2.11 0.00	53.25 2.49 0.00	49.53 1.74 0.00	51.61 1.38 0.00	68.00 1.18 0.00	71.64 0.77 0.00	58.99 0.53 0.00	50.04 0.50 0.00
RANKINE____ 23646	42.97 -0.04 0.00	33.29 -0.36 0.00	32.87 -0.41 0.00	31.41 -0.43 0.00	29.43 -0.28 0.00	36.54 -0.13 0.00	42.79 -1.17 0.00	41.00 -1.33 0.00	42.82 -1.12 0.00	42.20 -0.61 0.00	39.03 0.02 0.00	46.27 2.10 0.00	48.22 3.09 0.00	48.29 3.24 0.00	49.98 3.23 0.00	54.03 3.23 0.00	48.21 2.75 0.00	54.29 3.53 0.00	50.83 3.04 0.00	53.34 3.12 0.00	69.41 2.59 0.00	73.84 2.97 0.00	61.85 3.39 0.00	52.47 2.93 0.00
RAVENSWOOD_GT2_1 24244	44.31 1.31 0.00	34.75 1.09 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.12 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.17 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.14 2.33 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.01 2.23 0.00	52.01 1.78 0.00	68.50 1.68 0.00	72.13 1.26 0.00	59.43 0.97 0.00	50.50 0.97 0.00
RAVENSWOOD_GT2_2 24245	44.31 1.31 0.00	34.75 1.09 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.12 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.17 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.14 2.33 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.01 2.23 0.00	52.01 1.78 0.00	68.50 1.68 0.00	72.13 1.26 0.00	59.43 0.97 0.00	50.50 0.97 0.00

RAVENSWOOD_GT2_3 24246	44.34 1.33 0.00	34.77 1.11 0.00	34.28 1.00 0.00	32.67 0.83 0.00	30.49 0.78 0.00	37.82 1.14 0.00	45.25 1.30 0.00	43.73 1.40 0.00	45.60 1.66 0.00	44.76 1.95 0.00	41.06 2.06 0.00	46.47 2.21 -0.11	47.21 2.08 0.00	68.53 1.88 -21.61	50.60 2.02 -1.83	53.18 2.37 0.00	48.28 2.82 0.00	53.94 3.19 0.00	50.04 2.26 0.00	52.04 1.81 0.00	68.54 1.72 0.00	72.17 1.30 0.00	59.46 0.99 0.00	50.53 0.99 0.00
RAVENSWOOD_GT2_4 24247	44.34 1.33 0.00	34.77 1.11 0.00	34.28 1.00 0.00	32.67 0.83 0.00	30.49 0.78 0.00	37.82 1.14 0.00	45.25 1.30 0.00	43.73 1.40 0.00	45.60 1.66 0.00	44.76 1.95 0.00	41.06 2.06 0.00	46.47 2.21 -0.11	47.21 2.08 0.00	68.53 1.88 -21.61	50.60 2.02 -1.83	53.18 2.37 0.00	48.28 2.82 0.00	53.94 3.19 0.00	50.04 2.26 0.00	52.04 1.81 0.00	68.54 1.72 0.00	72.17 1.30 0.00	59.46 0.99 0.00	50.53 0.99 0.00
RAVENSWOOD_GT3_1 24248	44.31 1.31 0.00	34.75 1.10 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.12 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.14 2.33 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.01 2.23 0.00	52.01 1.78 0.00	68.50 1.68 0.00	72.14 1.26 0.00	59.43 0.97 0.00	50.50 0.97 0.00
RAVENSWOOD_GT3_2 24249	44.31 1.31 0.00	34.75 1.10 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.12 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.14 2.33 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.01 2.23 0.00	52.01 1.78 0.00	68.50 1.68 0.00	72.14 1.26 0.00	59.43 0.97 0.00	50.50 0.97 0.00
RAVENSWOOD_GT3_3 24250	44.40 1.39 0.00	34.81 1.16 0.00	34.33 1.05 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.86 1.18 0.00	45.32 1.37 0.00	43.79 1.46 0.00	45.67 1.72 0.00	44.81 2.01 0.00	41.12 2.11 0.00	46.55 2.28 -0.11	47.27 2.15 0.00	68.61 1.96 -21.61	50.68 2.09 -1.83	53.26 2.45 0.00	48.36 2.90 0.00	54.02 3.27 0.00	50.12 2.34 0.00	52.13 1.91 0.00	68.64 1.81 0.00	72.29 1.42 0.00	59.56 1.09 0.00	50.60 1.07 0.00
RAVENSWOOD_GT3_4 24251	44.40 1.39 0.00	34.81 1.16 0.00	34.33 1.05 0.00	32.72 0.88 0.00	30.53 0.82 0.00	37.86 1.18 0.00	45.32 1.37 0.00	43.79 1.46 0.00	45.67 1.72 0.00	44.81 2.01 0.00	41.12 2.11 0.00	46.55 2.28 -0.11	47.27 2.15 0.00	68.61 1.96 -21.61	50.68 2.09 -1.83	53.26 2.45 0.00	48.36 2.90 0.00	54.02 3.27 0.00	50.12 2.34 0.00	52.13 1.91 0.00	68.64 1.81 0.00	72.29 1.42 0.00	59.56 1.09 0.00	50.60 1.07 0.00
RAVENSWOOD_GT_1 23729	44.39 1.39 0.00	34.87 1.22 0.00	34.33 1.05 0.00	32.73 0.89 0.00	30.55 0.84 0.00	37.89 1.22 0.00	45.35 1.39 0.00	43.83 1.50 0.00	45.70 1.75 0.00	44.88 2.07 0.00	41.18 2.18 0.00	46.54 2.27 -0.11	47.22 2.09 0.00	68.54 1.89 -21.61	50.57 1.99 -1.83	53.17 2.36 0.00	48.29 2.83 0.00	53.80 3.04 0.00	49.89 2.11 0.00	51.86 1.63 0.00	68.30 1.48 0.00	71.95 1.08 0.00	59.34 0.88 0.00	50.49 0.96 0.00
RAVENSWOOD_GT_10 24258	44.31 1.31 0.00	34.75 1.09 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.11 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.91 3.15 0.00	50.02 2.24 0.00	52.03 1.80 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD_GT_11 24259	44.31 1.31 0.00	34.75 1.09 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.11 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.91 3.15 0.00	50.02 2.24 0.00	52.03 1.80 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD_GT_4 24252	44.32 1.31 0.00	34.75 1.10 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.80 1.12 0.00	45.24 1.28 0.00	43.71 1.39 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.02 2.23 0.00	52.01 1.79 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD_GT_5 24254	44.32 1.31 0.00	34.75 1.10 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.80 1.12 0.00	45.24 1.28 0.00	43.71 1.39 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.02 2.23 0.00	52.01 1.79 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD_GT_6 24253	44.32 1.31 0.00	34.75 1.10 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.80 1.12 0.00	45.24 1.28 0.00	43.71 1.39 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.02 2.23 0.00	52.01 1.79 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD_GT_7 24255	44.32 1.31 0.00	34.75 1.10 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.80 1.12 0.00	45.24 1.28 0.00	43.71 1.39 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.02 2.23 0.00	52.01 1.79 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.31 1.31 0.00	34.75 1.09 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.11 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.91 3.15 0.00	50.02 2.24 0.00	52.03 1.80 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD_GT_9 24257	44.31 1.31 0.00	34.75 1.09 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.79 1.11 0.00	45.24 1.28 0.00	43.70 1.38 0.00	45.58 1.64 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.44 2.18 -0.11	47.16 2.04 0.00	68.50 1.85 -21.61	50.57 1.99 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.91 3.15 0.00	50.02 2.24 0.00	52.03 1.80 0.00	68.50 1.68 0.00	72.14 1.27 0.00	59.43 0.97 0.00	50.51 0.97 0.00

RAVENSWOOD___1 23533	44.36 1.36 0.00	34.86 1.20 0.00	34.32 1.03 0.00	32.70 0.86 0.00	30.54 0.83 0.00	37.87 1.20 0.00	45.32 1.36 0.00	43.80 1.47 0.00	45.66 1.72 0.00	44.86 2.04 0.00	41.16 2.15 0.00	46.50 2.23 -0.11	47.17 2.05 0.00	68.51 1.86 -21.61	50.53 1.94 -1.83	53.14 2.33 0.00	48.26 2.80 0.00	53.76 3.00 0.00	49.87 2.08 0.00	51.82 1.59 0.00	68.25 1.42 0.00	71.91 1.03 0.00	59.30 0.83 0.00	50.46 0.93 0.00
RAVENSWOOD___2 23534	44.35 1.35 0.00	34.84 1.19 0.00	34.29 1.01 0.00	32.69 0.85 0.00	30.52 0.80 0.00	37.85 1.17 0.00	45.29 1.34 0.00	43.77 1.44 0.00	45.64 1.70 0.00	44.83 2.02 0.00	41.12 2.11 0.00	46.46 2.19 -0.11	47.13 2.00 0.00	68.47 1.82 -21.61	50.50 1.92 -1.83	53.10 2.29 0.00	48.23 2.77 0.00	53.71 2.95 0.00	49.83 2.05 0.00	51.78 1.55 0.00	68.19 1.37 0.00	71.87 1.00 0.00	59.26 0.80 0.00	50.43 0.89 0.00
RAVENSWOOD___3 23535	44.31 1.31 0.00	34.75 1.10 0.00	34.27 0.98 0.00	32.66 0.82 0.00	30.47 0.76 0.00	37.80 1.12 0.00	45.24 1.28 0.00	43.71 1.39 0.00	45.58 1.63 0.00	44.73 1.92 0.00	41.04 2.03 0.00	46.45 2.18 -0.11	47.17 2.04 0.00	68.50 1.85 -21.61	50.57 1.98 -1.83	53.15 2.34 0.00	48.25 2.79 0.00	53.90 3.14 0.00	50.02 2.23 0.00	52.01 1.78 0.00	68.48 1.66 0.00	72.14 1.26 0.00	59.44 0.97 0.00	50.51 0.97 0.00
RAVENSWOOD___4 23820	44.35 1.35 0.00	34.84 1.19 0.00	34.29 1.01 0.00	32.69 0.85 0.00	30.52 0.80 0.00	37.85 1.17 0.00	45.29 1.34 0.00	43.77 1.44 0.00	45.64 1.70 0.00	44.83 2.02 0.00	41.12 2.11 0.00	46.46 2.19 -0.11	47.13 2.00 0.00	68.47 1.82 -21.61	50.50 1.92 -1.83	53.10 2.29 0.00	48.23 2.77 0.00	53.71 2.95 0.00	49.83 2.05 0.00	51.78 1.55 0.00	68.19 1.37 0.00	71.87 1.00 0.00	59.26 0.80 0.00	50.43 0.89 0.00
RCPL_TRUST___DRP 24196	44.31 1.31 0.00	34.75 1.09 0.00	34.27 0.99 0.00	32.66 0.82 0.00	30.48 0.76 0.00	37.80 1.13 0.00	45.27 1.32 0.00	43.74 1.41 0.00	45.62 1.68 0.00	44.77 1.97 0.00	41.10 2.10 0.00	46.52 2.25 -0.11	47.26 2.13 0.00	68.56 1.91 -21.61	50.63 2.05 -1.83	53.21 2.40 0.00	48.31 2.85 0.00	53.98 3.23 0.00	50.07 2.29 0.00	52.05 1.82 0.00	68.52 1.70 0.00	72.15 1.27 0.00	59.44 0.97 0.00	50.50 0.97 0.00
RED___ROCHESTER 323720	43.34 0.34 0.00	33.74 0.09 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.76 0.05 0.00	36.89 0.21 0.00	43.77 -0.18 0.00	42.05 -0.28 0.00	43.78 -0.16 0.00	42.78 -0.03 0.00	39.27 0.26 0.00	45.62 1.46 0.00	47.26 2.13 0.00	47.38 2.34 0.00	49.18 2.43 0.00	53.41 2.60 0.00	47.85 2.39 0.00	53.90 3.14 0.00	50.71 2.93 0.00	53.20 2.98 0.00	69.81 2.99 0.00	73.95 3.08 0.00	61.16 2.70 0.00	51.58 2.04 0.00
REGAN___SOLAR 323812	45.69 2.69 0.00	35.66 2.00 0.00	35.20 1.91 0.00	33.60 1.76 0.00	31.39 1.67 0.00	38.84 2.16 0.00	46.55 2.59 0.00	44.63 2.30 0.00	45.95 2.01 0.00	44.11 1.30 0.00	39.72 0.71 0.00	44.45 0.36 0.07	45.58 0.45 0.00	32.32 0.42 13.14	46.02 0.39 1.12	51.34 0.53 0.00	46.43 0.97 0.00	52.75 1.99 0.00	50.59 2.80 0.00	54.09 3.86 0.00	72.10 5.28 0.00	76.22 5.35 0.00	62.74 4.28 0.00	52.94 3.41 0.00
RENSSELAER___COGEN 23796	42.62 -0.39 0.00	33.42 -0.23 0.00	33.21 -0.08 0.00	31.85 0.01 0.00	29.74 0.03 0.00	36.72 0.04 0.00	43.65 -0.24 0.07	42.16 -0.17 0.00	43.70 -0.24 0.00	42.52 -0.29 0.00	38.64 -0.37 0.00	43.43 -0.64 0.09	44.35 -0.78 0.00	26.77 -0.90 17.37	44.37 -0.92 1.47	50.08 -0.73 0.00	45.16 -0.31 0.00	50.81 0.06 0.00	47.62 -0.16 0.00	49.93 -0.30 0.00	66.10 -0.73 0.00	69.72 -1.15 0.00	57.46 -1.00 0.00	48.78 -0.76 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.59 4.59 0.00	37.12 3.47 0.00	36.51 3.22 0.00	34.88 3.04 0.00	32.60 2.89 0.00	40.23 3.55 0.00	48.36 4.36 -0.05	46.71 4.38 0.00	48.16 4.22 0.00	46.44 3.63 0.00	42.05 3.04 0.00	47.15 3.09 0.10	48.51 3.38 0.00	28.73 3.19 19.50	48.68 3.58 1.65	55.85 5.04 0.00	50.69 5.23 0.00	57.85 7.09 0.00	54.89 7.11 0.00	57.66 7.43 0.00	76.30 9.47 0.00	78.01 7.14 0.00	64.08 5.61 0.00	54.59 5.06 0.00
REVERE_CPPR_DRP 24186	44.87 1.86 0.00	34.99 1.34 0.00	34.57 1.29 0.00	33.05 1.21 0.00	30.84 1.13 0.00	38.24 1.56 0.00	45.88 1.92 0.00	44.24 1.91 0.00	45.92 1.97 0.00	44.43 1.62 0.00	40.45 1.45 0.00	45.83 1.66 0.00	46.83 1.70 0.00	46.76 1.71 0.00	48.51 1.75 0.00	52.81 1.99 0.00	47.59 2.12 0.00	53.98 2.82 -0.41	51.15 2.99 -0.38	54.24 3.42 -0.59	73.01 4.36 -1.82	76.91 4.43 -1.61	62.65 3.34 -0.85	52.11 2.58 0.00
REYNLDPA_13_KV_LD 356490	44.02 1.01 0.00	34.49 0.83 0.00	34.05 0.77 0.00	32.56 0.72 0.00	30.38 0.66 0.00	37.39 0.71 0.00	44.88 0.92 0.00	43.04 0.71 0.00	44.70 0.76 0.00	43.59 0.78 0.00	39.74 0.73 0.00	44.88 0.72 0.00	45.73 0.60 0.00	45.74 0.70 0.00	47.36 0.61 0.00	51.28 0.47 0.00	45.39 -0.08 0.00	50.31 -0.45 0.00	47.62 -0.17 0.00	50.20 -0.04 0.00	67.45 0.62 0.00	72.05 1.18 0.00	59.56 1.10 0.00	50.51 0.97 0.00
REYNOLDS_115KV_TB3 80639	43.10 0.10 0.00	33.80 0.14 0.00	33.60 0.31 0.00	32.20 0.36 0.00	30.06 0.35 0.00	37.13 0.45 0.00	44.14 0.26 0.09	42.61 0.28 0.00	44.15 0.21 0.00	42.96 0.15 0.00	39.03 0.02 0.00	43.89 -0.17 0.11	44.80 -0.33 0.00	23.70 -0.46 20.89	44.51 -0.48 1.77	50.60 -0.20 0.00	45.60 0.14 0.00	51.37 0.61 0.00	48.10 0.31 0.00	50.44 0.21 0.00	66.77 -0.06 0.00	70.39 -0.48 0.00	58.04 -0.42 0.00	49.30 -0.23 0.00
RIVERBAY____ 323610	45.52 2.51 0.00	35.74 2.09 0.00	35.20 1.92 0.00	33.57 1.73 0.00	31.41 1.69 0.00	39.00 2.32 0.00	46.67 2.71 0.00	45.01 2.68 0.00	47.00 3.06 0.00	46.07 3.26 0.00	42.13 3.12 0.00	47.55 3.27 -0.11	48.33 3.20 0.00	69.69 3.03 -21.61	51.74 3.15 -1.83	54.44 3.63 0.00	49.41 3.94 0.00	54.99 4.23 0.00	51.04 3.25 0.00	53.11 2.88 0.00	70.03 3.20 0.00	73.81 2.94 0.00	60.97 2.51 0.00	51.94 2.40 0.00
RIVERSDE_115KV_TB3 55908	42.96 -0.05 0.00	33.69 0.03 0.00	33.47 0.19 0.00	32.10 0.25 0.00	29.97 0.26 0.00	37.00 0.32 0.00	43.99 0.11 0.07	42.49 0.16 0.00	44.04 0.09 0.00	42.85 0.04 0.00	38.95 -0.06 0.00	43.78 -0.28 0.10	44.72 -0.41 0.00	25.32 -0.52 19.20	44.60 -0.52 1.63	50.54 -0.27 0.00	45.57 0.10 0.00	51.29 0.53 0.00	48.06 0.27 0.00	50.37 0.15 0.00	66.66 -0.16 0.00	70.31 -0.56 0.00	57.93 -0.53 0.00	49.18 -0.35 0.00
ROARING___BROOK_WT_PWR 323790	43.13 0.13 0.00	33.76 0.11 0.00	33.38 0.09 0.00	31.93 0.10 0.00	29.80 0.09 0.00	36.73 0.05 0.00	44.03 0.07 0.00	42.35 0.02 0.00	43.97 0.02 0.00	42.87 0.06 0.00	39.05 0.04 0.00	44.18 0.02 0.00	45.13 0.00 0.00	45.05 0.00 0.00	46.73 -0.02 0.00	50.76 -0.05 0.00	45.32 -0.14 0.00	50.54 -0.21 0.00	47.59 -0.19 0.00	50.04 -0.18 0.00	66.80 -0.03 0.00	70.94 0.07 0.00	58.55 0.08 0.00	49.61 0.07 0.00

ROCHESRG_115KV_T4 355643	42.80 -0.21 0.00	33.34 -0.32 0.00	32.92 -0.36 0.00	31.46 -0.38 0.00	29.43 -0.28 0.00	36.47 -0.21 0.00	43.27 -0.69 0.00	41.56 -0.77 0.00	43.26 -0.69 0.00	42.23 -0.58 0.00	38.73 -0.28 0.00	44.95 0.79 0.00	46.48 1.35 0.00	46.57 1.52 0.00	48.29 1.54 0.00	52.41 1.60 0.00	46.95 1.49 0.00	52.83 2.08 0.00	49.68 1.89 0.00	52.15 1.92 0.00	68.50 1.68 0.00	72.63 1.76 0.00	60.14 1.68 0.00	50.80 1.27 0.00
ROCHESTER_9_IC 23652	43.08 0.08 0.00	33.55 -0.11 0.00	33.13 -0.15 0.00	31.64 -0.20 0.00	29.60 -0.11 0.00	36.69 0.02 0.00	43.53 -0.42 0.00	41.83 -0.50 0.00	43.54 -0.40 0.00	42.52 -0.29 0.00	39.01 0.00 0.00	45.31 1.15 0.00	46.89 1.76 0.00	47.00 1.96 0.00	48.76 2.01 0.00	52.93 2.13 0.00	47.41 1.95 0.00	53.38 2.63 0.00	50.20 2.42 0.00	52.69 2.46 0.00	69.17 2.35 0.00	73.31 2.44 0.00	60.68 2.22 0.00	51.22 1.68 0.00
ROCKVIEW_13_KV_LD 356306	44.38 1.38 0.00	34.79 1.13 0.00	34.32 1.03 0.00	32.72 0.88 0.00	30.53 0.81 0.00	37.85 1.17 0.00	45.29 1.33 0.00	43.75 1.42 0.00	45.57 1.63 0.00	44.69 1.87 0.00	41.01 2.00 0.00	46.42 2.16 -0.11	47.18 2.06 0.00	68.53 1.88 -21.61	50.60 2.02 -1.83	53.21 2.40 0.00	48.28 2.82 0.00	54.01 3.25 0.00	50.16 2.38 0.00	52.21 1.98 0.00	68.77 1.94 0.00	72.43 1.56 0.00	59.65 1.19 0.00	50.64 1.11 0.00
ROME____115KV_TB2 80656	44.87 1.86 0.00	34.99 1.34 0.00	34.57 1.29 0.00	33.05 1.21 0.00	30.84 1.13 0.00	38.24 1.56 0.00	45.88 1.92 0.00	44.24 1.91 0.00	45.92 1.97 0.00	44.43 1.62 0.00	40.45 1.45 0.00	45.83 1.66 0.00	46.83 1.70 0.00	46.76 1.71 0.00	48.51 1.75 0.00	52.81 1.99 0.00	47.59 2.12 0.00	53.98 2.82 -0.41	51.15 2.99 -0.38	54.24 3.42 -0.59	73.01 4.36 -1.82	76.91 4.43 -1.61	62.65 3.34 -0.85	52.11 2.58 0.00
ROSETON___1 23587	43.73 0.73 0.00	34.27 0.61 0.00	33.85 0.57 0.00	32.32 0.48 0.00	30.16 0.45 0.00	37.35 0.68 0.00	44.68 0.72 0.00	43.11 0.79 0.00	44.86 0.92 0.00	43.89 1.09 0.00	40.17 1.16 0.00	45.42 1.16 -0.10	46.18 1.05 0.00	65.80 0.88 -19.87	49.42 0.99 -1.68	52.07 1.26 0.00	47.18 1.72 0.00	52.86 2.11 0.00	49.23 1.45 0.00	51.34 1.11 0.00	67.68 0.86 0.00	71.34 0.47 0.00	58.77 0.31 0.00	49.92 0.39 0.00
ROSETON___2 23588	43.73 0.73 0.00	34.27 0.61 0.00	33.85 0.57 0.00	32.32 0.48 0.00	30.16 0.45 0.00	37.35 0.68 0.00	44.68 0.72 0.00	43.11 0.79 0.00	44.86 0.92 0.00	43.89 1.09 0.00	40.17 1.16 -0.10	45.42 1.16 0.00	46.18 1.05 0.00	65.80 0.88 -19.87	49.42 0.99 -1.68	52.07 1.26 0.00	47.18 1.72 0.00	52.86 2.11 0.00	49.23 1.45 0.00	51.34 1.11 0.00	67.68 0.86 0.00	71.34 0.47 0.00	58.77 0.31 0.00	49.92 0.39 0.00
ROTTTRDAM_115KV_TB3 80664	43.75 0.75 0.00	34.26 0.60 0.00	33.93 0.65 0.00	32.47 0.63 0.00	30.31 0.60 0.00	37.46 0.79 0.00	44.77 0.81 0.00	43.10 0.77 0.00	44.67 0.73 0.00	43.46 0.65 0.00	39.50 0.50 0.00	44.50 0.41 0.08	45.49 0.36 0.00	30.37 0.29 14.97	45.82 0.34 1.27	51.38 0.57 0.00	46.31 0.85 0.00	52.10 1.34 0.00	49.00 1.22 0.00	51.47 1.24 0.00	68.19 1.36 0.00	71.98 1.11 0.00	59.32 0.85 0.00	50.29 0.75 0.00
RUSSELL___1 23602	43.34 0.34 0.00	33.74 0.09 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.76 0.05 0.00	36.88 0.21 0.00	43.77 -0.18 0.00	42.05 -0.28 0.00	43.78 -0.16 0.00	42.78 -0.03 0.00	39.27 0.26 0.00	45.62 1.46 0.00	47.26 2.13 0.00	47.39 2.35 0.00	49.18 2.43 0.00	53.41 2.60 0.00	47.86 2.39 0.00	53.91 3.15 0.00	50.71 2.92 0.00	53.20 2.97 0.00	69.79 2.96 0.00	73.93 3.06 0.00	61.15 2.69 0.00	51.58 2.05 0.00
RUSSELL___2 23532	43.34 0.34 0.00	33.74 0.09 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.76 0.05 0.00	36.88 0.21 0.00	43.77 -0.18 0.00	42.05 -0.28 0.00	43.78 -0.16 0.00	42.78 -0.03 0.00	39.27 0.26 0.00	45.62 1.46 0.00	47.26 2.13 0.00	47.39 2.35 0.00	49.18 2.43 0.00	53.41 2.60 0.00	47.86 2.39 0.00	53.91 3.15 0.00	50.71 2.92 0.00	53.20 2.97 0.00	69.79 2.96 0.00	73.93 3.06 0.00	61.15 2.69 0.00	51.58 2.05 0.00
RUSSELL___3 23549	43.34 0.34 0.00	33.74 0.09 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.76 0.05 0.00	36.88 0.21 0.00	43.77 -0.18 0.00	42.05 -0.28 0.00	43.78 -0.16 0.00	42.78 -0.03 0.00	39.27 0.26 0.00	45.62 1.46 0.00	47.26 2.13 0.00	47.39 2.35 0.00	49.18 2.43 0.00	53.41 2.60 0.00	47.86 2.39 0.00	53.91 3.15 0.00	50.71 2.92 0.00	53.20 2.97 0.00	69.79 2.96 0.00	73.93 3.06 0.00	61.15 2.69 0.00	51.58 2.05 0.00
RUSSELL___4 23556	43.34 0.34 0.00	33.74 0.09 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.76 0.05 0.00	36.88 0.21 0.00	43.77 -0.18 0.00	42.05 -0.28 0.00	43.78 -0.16 0.00	42.78 -0.03 0.00	39.27 0.26 0.00	45.62 1.46 0.00	47.26 2.13 0.00	47.39 2.35 0.00	49.18 2.43 0.00	53.41 2.60 0.00	47.86 2.39 0.00	53.91 3.15 0.00	50.71 2.92 0.00	53.20 2.97 0.00	69.79 2.96 0.00	73.93 3.06 0.00	61.15 2.69 0.00	51.58 2.05 0.00
RUSSELL___STATION 23914	43.34 0.34 0.00	33.74 0.09 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.76 0.05 0.00	36.88 0.21 0.00	43.77 -0.18 0.00	42.05 -0.28 0.00	43.78 -0.16 0.00	42.78 -0.03 0.00	39.27 0.26 0.00	45.62 1.46 0.00	47.26 2.13 0.00	47.39 2.35 0.00	49.18 2.43 0.00	53.41 2.60 0.00	47.86 2.39 0.00	53.91 3.15 0.00	50.71 2.92 0.00	53.20 2.97 0.00	69.79 2.96 0.00	73.93 3.06 0.00	61.15 2.69 0.00	51.58 2.05 0.00
S SALMON___HYD 24043	43.32 0.32 0.00	33.84 0.18 0.00	33.44 0.15 0.00	31.96 0.12 0.00	29.86 0.15 0.00	36.98 0.30 0.00	44.31 0.36 0.00	42.75 0.42 0.00	44.32 0.37 0.00	42.90 0.09 0.00	38.95 -0.06 0.00	44.13 -0.03 0.00	45.08 -0.06 0.00	45.09 0.04 0.00	46.78 0.02 0.00	50.73 -0.07 0.00	45.54 0.06 -0.01	52.87 0.37 -1.75	50.05 0.66 -1.61	53.81 1.03 -2.55	76.11 1.46 -7.82	79.39 1.63 -6.88	63.33 1.23 -3.63	50.29 0.75 -0.01
S.PERRY__115KV_TB1 80734	43.27 0.27 0.00	34.40 0.74 0.00	34.14 0.85 0.00	32.60 0.76 0.00	30.52 0.81 0.00	37.91 1.23 0.00	45.01 1.05 0.00	42.98 0.65 0.00	44.02 0.08 0.00	42.17 -0.64 0.00	38.43 -0.58 0.00	44.71 0.55 0.00	46.31 1.18 0.00	46.51 1.46 0.00	48.33 1.58 0.00	52.28 1.47 0.00	47.08 1.62 0.00	53.19 2.43 0.00	50.13 2.35 0.00	53.04 2.81 0.00	69.86 3.04 0.00	74.15 3.28 0.00	61.26 2.80 0.00	51.63 2.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.64 -0.36 0.00	33.05 -0.60 0.00	32.64 -0.64 0.00	31.19 -0.65 0.00	29.24 -0.48 0.00	36.27 -0.41 0.00	42.37 -1.58 0.00	40.44 -1.89 0.00	42.23 -1.72 0.00	41.62 -1.19 0.00	38.48 -0.52 0.00	45.66 1.50 0.00	47.56 2.44 0.00	47.60 2.55 0.00	49.21 2.46 0.00	53.20 2.39 0.00	47.43 1.96 0.00	53.37 2.61 0.00	49.97 2.19 0.00	52.44 2.21 0.00	68.31 1.49 0.00	72.74 1.87 0.00	61.01 2.55 0.00	51.83 2.29 0.00

SAWYER___23_KV_LOAD 55526	42.64 -0.36 0.00	33.05 -0.60 0.00	32.64 -0.64 0.00	31.19 -0.65 0.00	29.24 -0.48 0.00	36.27 -0.41 0.00	42.37 -1.58 0.00	40.44 -1.89 0.00	42.23 -1.72 0.00	41.62 -1.19 0.00	38.48 -0.52 0.00	45.66 1.50 0.00	47.56 2.44 0.00	47.60 2.55 0.00	49.21 2.46 0.00	53.20 2.39 0.00	47.43 1.96 0.00	53.37 2.61 0.00	49.97 2.19 0.00	52.44 2.21 0.00	68.31 1.49 0.00	72.74 1.87 0.00	61.01 2.55 0.00	51.83 2.29 0.00
SELKIRK___I 23801	42.24 -0.76 0.00	33.13 -0.53 0.00	32.90 -0.38 0.00	31.55 -0.29 0.00	29.45 -0.26 0.00	36.37 -0.30 0.00	43.31 -0.61 0.04	41.73 -0.59 0.00	43.21 -0.73 0.00	41.99 -0.82 0.00	38.12 -0.89 0.00	36.57 -1.36 6.22	43.59 -1.54 0.00	32.59 -1.60 10.85	44.14 -1.70 0.92	49.18 -1.63 0.00	44.31 -1.15 0.00	49.87 -0.88 0.00	46.93 -0.86 0.00	49.30 -0.92 0.00	65.37 -1.46 0.00	69.04 -1.84 0.00	56.92 -1.55 0.00	48.31 -1.23 0.00
SELKIRK___II 23799	42.54 -0.46 0.00	33.35 -0.31 0.00	33.12 -0.17 0.00	31.75 -0.10 0.00	29.63 -0.08 0.00	36.59 -0.08 0.00	43.58 -0.33 0.04	42.04 -0.29 0.00	43.59 -0.35 0.00	42.44 -0.37 0.00	38.58 -0.42 0.00	21.05 -0.70 22.41	44.29 -0.84 0.00	31.34 -0.95 12.76	44.68 -0.99 1.08	49.94 -0.86 0.00	45.01 -0.46 0.00	50.57 -0.19 0.00	47.39 -0.39 0.00	49.69 -0.54 0.00	65.82 -1.01 0.00	69.50 -1.38 0.00	57.29 -1.17 0.00	48.64 -0.90 0.00
SENECA OSWGO___HYD 24041	42.15 -0.86 0.00	32.94 -0.71 0.00	32.57 -0.72 0.00	31.15 -0.69 0.00	29.08 -0.63 0.00	35.98 -0.69 0.00	43.15 -0.81 0.00	41.66 -0.67 0.00	43.23 -0.71 0.00	42.01 -0.81 0.00	38.21 -0.80 0.00	43.43 -0.73 0.00	44.50 -0.63 0.00	44.49 -0.55 0.00	46.23 -0.52 0.00	50.24 -0.57 0.00	45.22 -0.27 -0.02	53.34 -0.05 -2.63	50.20 -0.01 -2.42	54.08 0.01 -3.84	78.22 -0.39 -11.78	80.67 -0.58 -10.37	63.35 -0.59 -5.48	48.90 -0.64 -0.01
SENECA___115KV_TB3 355854	43.05 0.04 0.00	33.35 -0.31 0.00	32.94 -0.35 0.00	31.46 -0.38 0.00	29.48 -0.23 0.00	36.59 -0.08 0.00	42.87 -1.09 0.00	41.07 -1.25 0.00	42.90 -1.04 0.00	42.28 -0.53 0.00	39.11 0.10 0.00	46.35 2.19 0.00	48.32 3.19 0.00	48.41 3.36 0.00	50.10 3.35 0.00	54.17 3.36 0.00	48.33 2.87 0.00	54.42 3.66 0.00	50.96 3.17 0.00	53.47 3.24 0.00	69.58 2.75 0.00	73.98 3.11 0.00	61.98 3.52 0.00	52.58 3.04 0.00
SENECA___ENERGY 23797	42.88 -0.12 0.00	33.48 -0.18 0.00	33.06 -0.23 0.00	31.59 -0.25 0.00	29.54 -0.18 0.00	36.65 -0.03 0.00	43.77 -0.18 0.00	42.10 -0.22 0.00	43.68 -0.26 0.00	42.50 -0.31 0.00	38.83 -0.18 0.00	44.27 0.11 0.00	45.69 0.56 0.00	45.84 0.79 0.00	47.71 0.95 0.00	51.77 0.96 0.00	46.54 1.07 -0.01	53.51 1.70 -1.05	50.47 1.72 -0.97	53.68 1.91 -1.54	73.29 1.74 -4.71	76.67 1.65 -4.15	61.94 1.29 -2.19	50.40 0.86 0.00
SHOEMAKER___GT 23640	43.73 0.73 0.00	34.24 0.58 0.00	33.80 0.51 0.00	32.27 0.43 0.00	30.11 0.40 0.00	37.29 0.61 0.00	44.63 0.67 0.00	43.04 0.71 0.00	44.77 0.83 0.00	43.80 0.99 0.00	40.07 1.06 0.00	45.37 1.12 -0.09	46.15 1.02 0.00	63.96 0.90 -18.01	49.28 1.00 -1.53	52.06 1.25 0.00	47.14 1.68 0.00	52.90 2.14 0.00	49.39 1.61 0.00	51.60 1.38 0.00	68.10 1.27 0.00	71.79 0.91 0.00	59.11 0.64 0.00	50.11 0.57 0.00
SHOEMAKR_138KV_BK 111 55601	43.70 0.70 0.00	34.22 0.56 0.00	33.78 0.50 0.00	32.25 0.41 0.00	30.09 0.38 0.00	37.28 0.60 0.00	44.61 0.65 0.00	43.02 0.69 0.00	44.75 0.81 0.00	43.78 0.97 0.00	40.07 1.06 0.00	45.37 1.12 -0.09	46.17 1.04 0.00	63.77 0.92 -17.81	49.29 1.03 -1.51	52.08 1.27 0.00	47.16 1.70 0.00	52.87 2.11 0.00	49.35 1.57 0.00	51.56 1.33 0.00	68.02 1.19 0.00	71.71 0.84 0.00	59.04 0.58 0.00	50.07 0.53 0.00
SHOREHAM_IC_1 23715	44.19 1.19 0.00	34.37 0.72 0.00	34.02 0.73 0.00	32.36 0.52 0.00	30.26 0.55 0.00	37.54 0.87 0.00	44.41 0.46 0.00	43.31 0.99 0.00	45.08 1.14 0.00	44.05 1.24 0.00	40.88 1.88 0.00	45.71 1.44 -0.11	46.12 0.99 0.00	67.66 1.00 -21.61	50.03 1.45 -1.83	52.68 1.88 0.01	48.04 2.58 0.00	53.40 3.16 0.52	49.55 1.97 0.21	51.62 1.39 0.00	59.01 0.89 8.70	52.44 0.63 19.06	45.57 0.25 13.14	39.79 0.12 9.86
SHOREHAM_IC_2 23716	44.19 1.19 0.00	34.37 0.72 0.00	34.02 0.73 0.00	32.35 0.51 0.00	30.26 0.55 0.00	37.54 0.86 0.00	44.41 0.46 0.00	43.31 0.99 0.00	45.08 1.14 0.00	44.05 1.24 0.00	40.89 1.88 0.00	45.69 1.42 -0.11	46.11 0.98 0.00	67.66 1.01 -21.61	50.03 1.45 -1.83	52.68 1.87 0.01	48.04 2.58 0.00	53.41 3.17 0.52	49.55 1.97 0.21	51.62 1.39 0.00	59.09 0.96 8.70	52.47 0.66 19.06	45.61 0.28 13.14	39.82 0.15 9.86
SISSONVILLE____ 23735	45.00 2.00 0.00	35.22 1.57 0.00	34.76 1.47 0.00	33.24 1.40 0.00	31.00 1.29 0.00	38.19 1.51 0.00	45.85 1.90 0.00	43.73 1.40 0.00	45.34 1.40 0.00	44.06 1.24 0.00	40.06 1.05 0.00	45.17 1.01 0.00	45.95 0.82 0.00	45.98 0.94 0.00	47.56 0.81 0.00	51.37 0.56 0.00	45.21 -0.25 0.00	49.68 -1.08 0.00	47.41 -0.37 0.00	50.31 0.08 0.00	67.95 1.12 0.00	73.30 2.42 0.00	60.75 2.28 0.00	51.40 1.87 0.00
SITHE_IND_GS1 24169	41.58 -1.43 0.00	32.51 -1.15 0.00	32.15 -1.14 0.00	30.75 -1.09 0.00	28.71 -1.00 0.00	35.50 -1.18 0.00	42.58 -1.38 0.00	41.10 -1.22 0.00	42.67 -1.27 0.00	41.47 -1.34 0.00	37.72 -1.29 0.00	42.84 -1.32 0.00	43.90 -1.22 0.00	43.86 -1.18 0.00	45.53 -1.22 0.00	49.48 -1.32 0.00	44.37 -1.03 0.06	42.11 -0.97 7.68	39.81 -0.90 7.06	38.08 -0.94 11.21	30.91 -1.57 34.35	38.86 -1.77 30.25	41.00 -1.51 15.96	48.15 -1.35 0.04
SITHE_IND_GS2 24170	41.58 -1.43 0.00	32.51 -1.15 0.00	32.15 -1.14 0.00	30.75 -1.09 0.00	28.71 -1.00 0.00	35.50 -1.18 0.00	42.58 -1.38 0.00	41.10 -1.22 0.00	42.67 -1.27 0.00	41.47 -1.34 0.00	37.72 -1.29 0.00	42.84 -1.32 0.00	43.90 -1.22 0.00	43.86 -1.18 0.00	45.53 -1.22 0.00	49.48 -1.32 0.00	44.37 -1.03 0.06	42.11 -0.97 7.68	39.81 -0.90 7.06	38.08 -0.94 11.21	30.91 -1.57 34.35	38.86 -1.77 30.25	41.00 -1.51 15.96	48.15 -1.35 0.04
SITHE_IND_GS3 24171	41.58 -1.43 0.00	32.51 -1.15 0.00	32.15 -1.14 0.00	30.75 -1.09 0.00	28.71 -1.00 0.00	35.50 -1.18 0.00	42.58 -1.38 0.00	41.10 -1.22 0.00	42.67 -1.27 0.00	41.47 -1.34 0.00	37.72 -1.29 0.00	42.84 -1.32 0.00	43.90 -1.22 0.00	43.86 -1.18 0.00	45.53 -1.22 0.00	49.48 -1.32 0.00	44.37 -1.03 0.06	42.11 -0.97 7.68	39.81 -0.90 7.06	38.08 -0.94 11.21	30.91 -1.57 34.35	38.86 -1.77 30.25	41.00 -1.51 15.96	48.15 -1.35 0.04
SITHE_IND_GS4 24172	41.58 -1.43 0.00	32.51 -1.15 0.00	32.15 -1.14 0.00	30.75 -1.09 0.00	28.71 -1.00 0.00	35.50 -1.18 0.00	42.58 -1.38 0.00	41.10 -1.22 0.00	42.67 -1.27 0.00	41.47 -1.34 0.00	37.72 -1.29 0.00	42.84 -1.32 0.00	43.90 -1.22 0.00	43.86 -1.18 0.00	45.53 -1.22 0.00	49.48 -1.32 0.00	44.37 -1.03 0.06	42.11 -0.97 7.68	39.81 -0.90 7.06	38.08 -0.94 11.21	30.91 -1.57 34.35	38.86 -1.77 30.25	41.00 -1.51 15.96	48.15 -1.35 0.04

SITHE___BATAVIA 24024	43.92 0.91 0.00	34.08 0.42 0.00	33.62 0.34 0.00	32.10 0.26 0.00	30.08 0.37 0.00	37.30 0.62 0.00	43.91 -0.05 0.00	42.26 -0.07 0.00	43.86 -0.09 0.00	42.80 -0.01 0.00	39.24 0.23 0.00	46.09 1.93 0.00	47.89 2.77 0.00	48.07 3.03 0.00	49.95 3.20 0.00	54.10 3.29 0.00	48.47 3.01 0.00	54.72 3.97 0.00	51.59 3.81 0.00	54.50 4.27 0.00	71.35 4.52 0.00	75.72 4.84 0.00	63.07 4.61 0.00	53.29 3.76 0.00
SITHE___INDEPEND 23800	41.58 -1.42 0.00	32.51 -1.14 0.00	32.15 -1.14 0.00	30.75 -1.09 0.00	28.71 -1.00 0.00	35.50 -1.18 0.00	42.58 -1.38 0.00	41.11 -1.22 0.00	42.67 -1.27 0.00	41.47 -1.34 0.00	37.72 -1.29 0.00	42.84 -1.32 0.00	43.90 -1.23 0.00	43.86 -1.18 0.00	45.53 -1.22 0.00	49.49 -1.32 0.00	44.37 -1.02 0.06	42.11 -0.97 7.68	39.82 -0.90 7.06	38.08 -0.94 11.21	30.90 -1.58 34.35	38.86 -1.77 30.25	41.00 -1.51 15.96	48.14 -1.35 0.04
SITHE___MASSENA 23902	44.31 1.31 0.00	34.70 1.05 0.00	34.26 0.97 0.00	32.76 0.92 0.00	30.56 0.84 0.00	37.62 0.95 0.00	45.16 1.20 0.00	43.18 0.86 0.00	44.84 0.90 0.00	43.68 0.87 0.00	39.80 0.79 0.00	44.93 0.76 0.00	45.77 0.64 0.00	45.78 0.73 0.00	47.40 0.64 0.00	51.23 0.42 0.00	45.31 -0.15 0.00	50.02 -0.73 0.00	47.53 -0.25 0.00	50.18 -0.05 0.00	67.52 0.69 0.00	72.32 1.44 0.00	59.81 1.35 0.00	50.69 1.16 0.00
SITHE___OGDNSBRG 24021	45.55 2.55 0.00	35.67 2.01 0.00	35.22 1.93 0.00	33.67 1.83 0.00	31.41 1.70 0.00	38.66 1.98 0.00	46.43 2.47 0.00	44.21 1.88 0.00	45.72 1.78 0.00	44.26 1.44 0.00	40.23 1.22 0.00	45.24 1.08 0.00	46.01 0.88 0.00	46.04 1.00 0.00	47.63 0.88 0.00	51.44 0.63 0.00	45.35 -0.11 0.00	50.01 -0.75 0.00	47.87 0.09 0.00	51.10 0.87 0.00	69.22 2.40 0.00	74.46 3.59 0.00	61.56 3.09 0.00	52.07 2.54 0.00
SITHE___STERLING 23777	44.20 1.20 0.00	34.50 0.85 0.00	34.10 0.82 0.00	32.60 0.76 0.00	30.43 0.72 0.00	37.69 1.02 0.00	45.20 1.24 0.00	43.56 1.24 0.00	45.20 1.26 0.00	43.80 0.99 0.00	39.89 0.88 0.00	45.23 1.07 0.00	46.29 1.16 0.00	46.25 1.21 0.00	48.03 1.28 0.00	52.26 1.46 0.00	47.07 1.60 0.00	53.38 2.18 -0.44	50.47 2.29 -0.41	53.45 2.58 -0.64	71.99 3.19 -1.97	75.78 3.17 -1.74	61.74 2.36 -0.92	51.32 1.78 0.00
SLEIGHT__34_KV_TB1 80719	42.74 -0.27 0.00	33.32 -0.34 0.00	32.89 -0.39 0.00	31.44 -0.40 0.00	29.39 -0.32 0.00	36.43 -0.24 0.00	43.45 -0.50 0.00	41.79 -0.53 0.00	43.43 -0.51 0.00	42.29 -0.52 0.00	38.67 -0.34 0.00	44.54 0.37 0.00	45.97 0.84 0.00	46.04 0.99 0.00	47.80 1.05 0.00	51.95 1.14 0.00	46.57 1.11 0.00	52.78 1.71 -0.31	49.77 1.70 -0.28	52.49 1.81 -0.45	69.77 1.57 -1.37	73.66 1.58 -1.21	60.43 1.33 -0.64	50.42 0.89 0.00
SMITHTWN_69_KV_BK 1 55830	44.59 1.59 0.00	34.83 1.17 0.00	34.34 1.05 0.00	32.67 0.82 0.00	30.55 0.84 0.00	37.93 1.25 0.00	45.03 1.07 0.00	43.70 1.38 0.00	45.40 1.46 0.00	44.54 1.73 0.00	41.35 2.34 0.00	46.20 1.94 -0.11	46.81 1.68 0.00	68.34 1.69 -21.61	50.70 2.12 -1.83	53.35 2.55 0.01	48.53 3.07 0.00	53.03 3.27 1.00	49.45 2.07 0.40	51.72 1.49 0.00	58.64 1.10 9.29	52.91 0.99 18.96	46.06 0.67 13.07	40.28 0.55 9.81
SOUTH CAIRO___GT 23612	43.89 0.88 0.00	34.33 0.68 0.00	34.07 0.79 0.00	32.67 0.84 0.00	30.51 0.80 0.00	37.71 1.03 0.00	44.93 1.01 0.04	43.37 1.05 0.00	44.89 0.94 0.00	43.49 0.68 0.00	39.30 0.29 0.00	36.18 -0.09 7.89	44.93 -0.20 0.00	37.28 -0.19 7.57	46.01 -0.10 0.64	51.05 0.24 0.00	46.02 0.56 0.00	52.20 1.44 0.00	49.47 1.69 0.00	52.28 2.05 0.00	69.31 2.48 0.00	72.98 2.11 0.00	59.92 1.46 0.00	50.60 1.07 0.00
SOUTH HAMPTN___IC 23720	45.44 2.43 0.00	35.20 1.55 0.00	34.64 1.36 0.00	32.96 1.12 0.00	30.81 1.10 0.00	38.24 1.56 0.00	45.30 1.34 0.00	44.13 1.81 0.00	45.99 2.05 0.00	45.07 2.26 0.00	41.90 2.89 0.00	46.97 2.70 -0.11	47.47 2.34 0.00	68.92 2.26 -21.61	51.34 2.76 -1.83	54.12 3.32 0.01	49.33 3.87 0.00	54.73 4.44 0.47	50.70 3.10 0.19	52.76 2.53 0.00	60.52 2.35 8.66	53.87 2.10 19.10	46.67 1.37 13.16	40.68 1.03 9.88
SOUTHDOW_115KV_TB1 355954	43.88 0.88 0.00	33.87 0.22 0.00	33.43 0.15 0.00	32.01 0.17 0.00	30.04 0.32 0.00	37.38 0.70 0.00	44.39 0.43 0.00	41.53 -0.80 0.00	43.58 -0.36 0.00	44.07 1.26 0.00	40.86 1.85 0.00	48.21 4.05 0.00	50.21 5.09 0.00	50.04 5.00 0.00	51.10 4.35 0.00	54.62 3.81 0.00	48.66 3.20 0.00	54.60 3.84 0.00	51.09 3.31 0.00	53.60 3.37 0.00	69.71 2.88 0.00	74.17 3.30 0.00	62.76 4.29 0.00	53.31 3.77 0.00
SOUTHOLD_69_KV_BK 2 55809	46.29 3.29 0.00	35.90 2.25 0.00	35.40 2.11 0.00	33.67 1.83 0.00	31.47 1.76 0.00	39.05 2.38 0.00	46.32 2.36 0.00	45.12 2.79 0.00	47.11 3.17 0.00	46.23 3.42 0.00	43.04 4.04 0.00	48.34 4.07 -0.11	48.92 3.79 0.00	70.22 3.56 -21.61	52.73 4.14 -1.83	55.66 4.86 0.01	50.67 5.21 0.00	56.13 5.85 0.48	51.96 4.37 0.19	54.01 3.78 0.00	62.19 4.02 8.66	55.57 3.79 19.09	47.91 2.61 13.16	41.66 2.01 9.88
SOUTHOLD___IC 23719	46.29 3.29 0.00	35.90 2.25 0.00	35.40 2.11 0.00	33.67 1.83 0.00	31.47 1.76 0.00	39.05 2.38 0.00	46.32 2.36 0.00	45.12 2.80 0.00	47.11 3.17 0.00	46.23 3.42 0.00	43.04 4.03 0.00	48.35 4.08 -0.11	48.93 3.81 0.00	70.21 3.56 -21.61	52.72 4.14 -1.83	55.66 4.85 0.01	50.67 5.21 0.00	56.12 5.84 0.48	51.96 4.37 0.19	54.00 3.78 0.00	62.12 3.95 8.66	55.52 3.74 19.09	47.88 2.58 13.16	41.64 1.98 9.88
SOUTH_FORK_WT_PWR 323839	46.58 3.58 0.00	36.10 2.44 0.00	35.56 2.27 0.00	33.82 1.98 0.00	31.61 1.90 0.00	39.23 2.56 0.00	46.54 2.58 0.00	45.33 3.00 0.00	47.33 3.39 0.00	46.45 3.64 0.00	43.26 4.25 0.00	48.63 4.37 -0.11	49.18 4.05 0.00	70.33 3.66 -21.61	52.83 4.24 -1.83	55.77 4.96 0.01	50.77 5.30 0.00	56.10 5.82 0.47	51.92 4.33 0.19	53.96 3.73 0.00	62.07 3.90 8.66	55.53 3.75 19.10	47.81 2.50 13.16	41.61 1.95 9.88
SPIERFLS_115KV_TB 1 80737	44.64 1.63 0.00	34.90 1.25 0.00	34.56 1.28 0.00	33.05 1.21 0.00	30.86 1.15 0.00	38.20 1.52 0.00	45.66 1.66 -0.04	44.00 1.67 0.00	45.55 1.61 0.00	44.14 1.33 0.00	39.81 0.81 0.00	44.67 0.61 0.10	45.70 0.57 0.00	26.47 0.46 19.04	45.78 0.64 1.61	52.10 1.29 0.00	47.12 1.66 0.00	53.49 2.73 0.00	50.73 2.95 0.00	53.30 3.07 0.00	70.62 3.79 0.00	73.74 2.86 0.00	60.59 2.13 0.00	51.35 1.81 0.00
ST LAWRENCE____ 23600	43.49 0.49 0.00	34.06 0.41 0.00	33.63 0.35 0.00	32.17 0.33 0.00	30.01 0.30 0.00	36.94 0.27 0.00	44.35 0.39 0.00	42.58 0.26 0.00	44.22 0.28 0.00	43.11 0.30 0.00	39.28 0.27 0.00	44.37 0.21 0.00	45.24 0.11 0.00	45.23 0.19 0.00	46.85 0.10 0.00	50.76 -0.04 0.00	44.97 -0.50 0.00	49.81 -0.94 0.00	47.12 -0.66 0.00	49.67 -0.55 0.00	66.73 -0.09 0.00	71.23 0.35 0.00	58.84 0.38 0.00	49.90 0.37 0.00

STATE_CA_115KV_115_LB 55624	43.03 0.02 0.00	33.72 0.07 0.00	33.50 0.22 0.00	32.13 0.29 0.00	30.00 0.28 0.00	37.04 0.36 0.00	44.07 0.17 0.06	42.56 0.23 0.00	44.12 0.18 0.00	42.95 0.14 0.00	39.05 0.04 0.00	43.91 -0.16 0.09	44.88 -0.25 0.00	26.83 -0.35 17.86	44.92 -0.31 1.51	50.77 -0.04 0.00	45.78 0.32 0.00	51.53 0.77 0.00	48.29 0.51 0.00	50.61 0.38 0.00	66.96 0.13 0.00	70.60 -0.27 0.00	58.16 -0.31 0.00	49.32 -0.22 0.00
STATE_ST_34_KV_LOAD 55959	43.11 0.10 0.00	33.71 0.05 0.00	33.32 0.03 0.00	31.79 -0.05 0.00	29.76 0.05 0.00	36.90 0.23 0.00	44.05 0.09 0.00	42.50 0.17 0.00	44.05 0.11 0.00	42.82 0.00 0.00	39.05 0.04 0.00	44.33 0.17 0.00	45.67 0.54 0.00	45.72 0.68 0.00	47.53 0.78 0.00	51.67 0.86 0.00	46.31 0.83 -0.01	53.43 1.46 -1.22	50.48 1.58 -1.12	53.80 1.79 -1.77	73.99 1.73 -5.44	77.36 1.69 -4.79	62.23 1.25 -2.53	50.39 0.85 -0.01
STATION_5_MISC_HYD 23604	43.08 0.08 0.00	33.55 -0.10 0.00	33.13 -0.16 0.00	31.64 -0.20 0.00	29.60 -0.11 0.00	36.69 0.02 0.00	43.53 -0.42 0.00	41.83 -0.50 0.00	43.54 -0.40 0.00	42.52 -0.29 0.00	39.01 0.00 0.00	45.31 1.15 0.00	46.89 1.76 0.00	46.99 1.95 0.00	48.76 2.01 0.00	52.94 2.13 0.00	47.41 1.95 0.00	53.38 2.63 0.00	50.19 2.41 0.00	52.70 2.47 0.00	69.19 2.36 0.00	73.32 2.44 0.00	60.68 2.21 0.00	51.22 1.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.92 -0.09 0.00	33.46 -0.20 0.00	33.03 -0.25 0.00	31.58 -0.26 0.00	29.52 -0.19 0.00	36.61 -0.07 0.00	43.62 -0.34 0.00	41.93 -0.40 0.00	43.58 -0.36 0.00	42.49 -0.32 0.00	38.89 -0.12 0.00	44.80 0.64 0.00	46.24 1.11 0.00	46.44 1.40 0.00	48.25 1.49 0.00	52.40 1.59 0.00	47.03 1.56 0.00	53.26 2.22 -0.28	50.17 2.13 -0.26	52.87 2.23 -0.41	70.20 2.10 -1.27	74.06 2.07 -1.12	60.79 1.73 -0.59	50.77 1.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.81 -0.19 0.00	33.34 -0.31 0.00	32.93 -0.36 0.00	31.44 -0.40 0.00	29.42 -0.29 0.00	36.47 -0.20 0.00	43.31 -0.65 0.00	41.62 -0.70 0.00	43.33 -0.61 0.00	42.30 -0.51 0.00	38.80 -0.21 0.00	45.00 0.84 0.00	46.56 1.43 0.00	46.66 1.62 0.00	48.42 1.66 0.00	52.60 1.79 0.00	47.11 1.65 0.00	53.03 2.28 0.00	49.88 2.09 0.00	52.34 2.11 0.00	68.72 1.90 0.00	72.80 1.93 0.00	60.21 1.75 0.00	50.83 1.29 0.00
STA_56___34_KV_BUS2 355983	42.81 -0.19 0.00	33.34 -0.31 0.00	32.93 -0.36 0.00	31.44 -0.40 0.00	29.42 -0.29 0.00	36.47 -0.20 0.00	43.31 -0.65 0.00	41.62 -0.70 0.00	43.33 -0.61 0.00	42.30 -0.51 0.00	38.80 -0.21 0.00	45.00 0.84 0.00	46.56 1.43 0.00	46.66 1.62 0.00	48.42 1.66 0.00	52.60 1.79 0.00	47.11 1.65 0.00	53.03 2.28 0.00	49.88 2.09 0.00	52.34 2.11 0.00	68.72 1.90 0.00	72.80 1.93 0.00	60.21 1.75 0.00	50.83 1.29 0.00
STA_67___115KV_BK2 355882	42.96 -0.04 0.00	33.46 -0.19 0.00	33.05 -0.24 0.00	31.57 -0.27 0.00	29.54 -0.18 0.00	36.61 -0.07 0.00	43.43 -0.53 0.00	41.73 -0.60 0.00	43.42 -0.52 0.00	42.40 -0.41 0.00	38.89 -0.12 0.00	45.15 0.99 0.00	46.72 1.59 0.00	46.83 1.78 0.00	48.57 1.82 0.00	52.72 1.91 0.00	47.23 1.76 0.00	53.16 2.41 0.00	49.99 2.21 0.00	52.47 2.24 0.00	68.91 2.08 0.00	73.03 2.16 0.00	60.45 1.99 0.00	51.05 1.51 0.00
STA_7___115KV_9TRANS 80674	43.34 0.34 0.00	33.74 0.09 0.00	33.31 0.03 0.00	31.81 -0.03 0.00	29.76 0.05 0.00	36.88 0.21 0.00	43.77 -0.18 0.00	42.05 -0.28 0.00	43.78 -0.16 0.00	42.78 -0.03 0.00	39.27 0.26 0.00	45.62 1.46 0.00	47.26 2.13 0.00	47.39 2.35 0.00	49.18 2.43 0.00	53.41 2.60 0.00	47.86 2.39 0.00	53.91 3.15 0.00	50.71 2.92 0.00	53.20 2.97 0.00	69.79 2.96 0.00	73.93 3.06 0.00	61.15 2.69 0.00	51.58 2.05 0.00
STA_82___115KV_TB1 80780	42.97 -0.03 0.00	33.47 -0.18 0.00	33.05 -0.23 0.00	31.57 -0.27 0.00	29.54 -0.17 0.00	36.61 -0.06 0.00	43.44 -0.52 0.00	41.73 -0.59 0.00	43.43 -0.51 0.00	42.40 -0.41 0.00	38.89 -0.12 0.00	45.15 0.98 0.00	46.72 1.59 0.00	46.83 1.78 0.00	48.57 1.82 0.00	52.73 1.92 0.00	47.24 1.77 0.00	53.18 2.42 0.00	50.00 2.22 0.00	52.50 2.27 0.00	68.94 2.12 0.00	73.07 2.20 0.00	60.50 2.03 0.00	51.08 1.54 0.00
STEEL___WIND 323596	43.01 0.00 0.00	33.31 -0.34 0.00	32.88 -0.40 0.00	31.42 -0.42 0.00	29.43 -0.28 0.00	36.57 -0.11 0.00	42.83 -1.13 0.00	41.03 -1.30 0.00	42.85 -1.09 0.00	42.24 -0.57 0.00	39.06 0.06 0.00	46.30 2.14 0.00	48.23 3.10 0.00	48.32 3.28 0.00	50.01 3.26 0.00	54.08 3.27 0.00	48.25 2.78 0.00	54.32 3.57 0.00	50.87 3.08 0.00	53.41 3.18 0.00	69.47 2.64 0.00	73.84 2.97 0.00	61.89 3.43 0.00	52.50 2.97 0.00
STEPHTWN_115KV_BK_2 55603	42.99 -0.01 0.00	33.68 0.03 0.00	33.47 0.18 0.00	32.07 0.23 0.00	29.93 0.22 0.00	37.02 0.34 0.00	44.10 0.21 0.07	42.55 0.22 0.00	44.16 0.22 0.00	42.95 0.14 0.00	39.05 0.05 0.00	43.87 -0.20 0.09	44.91 -0.21 0.00	27.25 -0.42 17.37	44.89 -0.39 1.47	50.75 -0.05 0.00	45.76 0.30 0.00	51.65 0.89 0.00	48.44 0.66 0.00	50.82 0.59 0.00	67.14 0.31 0.00	70.71 -0.16 0.00	58.13 -0.34 0.00	49.25 -0.29 0.00
STEBEN_REC_LFGE 323667	43.49 0.48 0.00	33.84 0.19 0.00	33.40 0.11 0.00	31.95 0.11 0.00	29.92 0.20 0.00	37.20 0.53 0.00	44.12 0.16 0.00	41.84 -0.49 0.00	43.40 -0.54 0.00	42.68 -0.13 0.00	39.16 0.15 0.00	45.51 1.35 0.00	47.15 2.02 0.00	47.16 2.11 0.00	49.02 2.27 0.00	52.91 2.10 0.00	47.57 2.10 0.00	54.06 2.87 -0.43	50.78 2.60 -0.40	53.78 2.92 -0.64	71.43 2.66 -1.94	75.46 2.88 -1.71	62.06 2.69 -0.90	51.69 2.15 0.00
STILLWATER___SOLAR 323814	44.55 1.55 0.00	34.87 1.22 0.00	34.55 1.27 0.00	33.05 1.21 0.00	30.86 1.15 0.00	38.19 1.52 0.00	45.69 1.67 -0.06	43.93 1.60 0.00	45.47 1.53 0.00	44.13 1.32 0.00	39.98 0.97 0.00	44.89 0.84 0.11	45.89 0.76 0.00	24.65 0.68 21.08	45.74 0.78 1.79	52.10 1.29 0.00	47.05 1.59 0.00	53.23 2.48 0.00	50.19 2.41 0.00	52.75 2.52 0.00	69.83 3.01 0.00	73.39 2.52 0.00	60.35 1.88 0.00	51.17 1.63 0.00
STONY___BROOK 24151	44.46 1.46 0.00	34.72 1.06 0.00	34.25 0.97 0.00	32.58 0.74 0.00	30.47 0.76 0.00	37.83 1.15 0.00	44.90 0.94 0.00	43.59 1.26 0.00	45.20 1.26 0.00	44.31 1.50 0.00	41.13 2.13 0.00	46.00 1.73 -0.11	46.67 1.54 0.00	68.21 1.55 -21.61	50.55 1.97 -1.83	53.17 2.36 0.01	48.36 2.90 0.00	53.04 3.02 0.73	49.32 1.83 0.29	51.46 1.24 0.00	58.57 0.69 8.95	52.62 0.75 19.00	45.86 0.49 13.10	40.11 0.40 9.83
STURGEON_POOL_HYD 23609	44.00 1.00 0.00	34.46 0.81 0.00	34.03 0.74 0.00	32.49 0.65 0.00	30.31 0.60 0.00	37.54 0.87 0.00	44.90 0.95 0.01	43.34 1.01 0.00	45.13 1.19 0.00	44.21 1.40 0.00	40.52 1.51 0.00	44.02 1.55 1.68	46.55 1.42 0.00	57.00 1.34 -10.62	49.10 1.45 -0.90	52.55 1.74 0.00	47.68 2.21 0.00	53.44 2.69 0.00	49.77 1.99 0.00	51.88 1.66 0.00	68.39 1.56 0.00	72.06 1.19 0.00	59.33 0.87 0.00	50.32 0.78 0.00

ST_LAW_115_BK7_LBMP 345037	43.57 0.57 0.00	34.14 0.48 0.00	33.71 0.42 0.00	32.24 0.40 0.00	30.07 0.36 0.00	37.01 0.33 0.00	44.43 0.47 0.00	42.63 0.30 0.00	44.26 0.32 0.00	43.14 0.33 0.00	39.31 0.30 0.00	44.39 0.23 0.00	45.24 0.12 0.00	45.24 0.20 0.00	46.86 0.11 0.00	50.74 -0.07 0.00	44.92 -0.54 0.00	49.71 -1.04 0.00	47.06 -0.72 0.00	49.63 -0.60 0.00	66.74 -0.09 0.00	71.30 0.42 0.00	58.93 0.47 0.00	49.97 0.43 0.00
ST_LAW_115_BK8_LBMP 345038	43.57 0.57 0.00	34.14 0.48 0.00	33.71 0.42 0.00	32.24 0.40 0.00	30.07 0.36 0.00	37.01 0.33 0.00	44.43 0.47 0.00	42.63 0.30 0.00	44.26 0.32 0.00	43.14 0.33 0.00	39.31 0.30 0.00	44.39 0.23 0.00	45.24 0.12 0.00	45.24 0.20 0.00	46.86 0.11 0.00	50.74 -0.07 0.00	44.92 -0.54 0.00	49.71 -1.04 0.00	47.06 -0.72 0.00	49.63 -0.60 0.00	66.74 -0.09 0.00	71.30 0.42 0.00	58.93 0.47 0.00	49.97 0.43 0.00
ST_LAW_230_BK5_LBMP 345035	43.49 0.49 0.00	34.06 0.41 0.00	33.63 0.35 0.00	32.17 0.33 0.00	30.01 0.30 0.00	36.94 0.27 0.00	44.35 0.39 0.00	42.58 0.26 0.00	44.22 0.28 0.00	43.11 0.30 0.00	39.28 0.27 0.00	44.37 0.21 0.00	45.24 0.11 0.00	45.23 0.19 0.00	46.85 0.10 0.00	50.76 -0.04 0.00	44.97 -0.50 0.00	49.81 -0.94 0.00	47.12 -0.66 0.00	49.67 -0.55 0.00	66.73 -0.09 0.00	71.23 0.35 0.00	58.84 0.38 0.00	49.90 0.37 0.00
ST_LAW_230_BK6_LBMP 345036	43.49 0.49 0.00	34.06 0.41 0.00	33.63 0.35 0.00	32.17 0.33 0.00	30.01 0.30 0.00	36.94 0.27 0.00	44.35 0.39 0.00	42.58 0.26 0.00	44.22 0.28 0.00	43.11 0.30 0.00	39.28 0.27 0.00	44.37 0.21 0.00	45.24 0.11 0.00	45.23 0.19 0.00	46.85 0.10 0.00	50.76 -0.04 0.00	44.97 -0.50 0.00	49.81 -0.94 0.00	47.12 -0.66 0.00	49.67 -0.55 0.00	66.73 -0.09 0.00	71.23 0.35 0.00	58.84 0.38 0.00	49.90 0.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.79 0.79 0.00	34.30 0.65 0.00	33.86 0.58 0.00	32.31 0.47 0.00	30.15 0.44 0.00	37.37 0.69 0.00	44.71 0.76 0.00	43.12 0.80 0.00	44.89 0.95 0.00	43.96 1.15 0.00	40.26 1.26 0.00	45.60 1.35 -0.09	46.43 1.30 0.00	64.93 1.19 -18.69	49.66 1.32 -1.58	52.43 1.62 0.00	47.51 2.05 0.00	53.23 2.48 0.00	49.57 1.79 0.00	51.70 1.47 0.00	68.13 1.30 0.00	71.78 0.91 0.00	59.11 0.65 0.00	50.12 0.59 0.00
SWANROAD_115KV_TB1 355699	42.35 -0.65 0.00	32.84 -0.82 0.00	32.45 -0.84 0.00	30.99 -0.85 0.00	29.06 -0.66 0.00	36.02 -0.66 0.00	41.99 -1.97 0.00	39.89 -2.43 0.00	41.43 -2.51 0.00	40.70 -2.10 0.00	37.57 -1.43 0.00	44.63 0.47 0.00	46.46 1.33 0.00	46.44 1.40 0.00	48.00 1.25 0.00	51.89 1.08 0.00	46.28 0.81 0.00	52.06 1.30 0.00	48.76 0.98 0.00	51.17 0.94 0.00	66.67 -0.15 0.00	71.08 0.21 0.00	59.98 1.51 0.00	51.08 1.55 0.00
SYNERGY___BIOGAS 323694	43.92 0.91 0.00	34.08 0.42 0.00	33.63 0.34 0.00	32.10 0.26 0.00	30.08 0.37 0.00	37.30 0.62 0.00	43.91 -0.05 0.00	42.26 -0.07 0.00	43.86 -0.09 0.00	42.80 -0.01 0.00	39.23 0.22 0.00	46.10 1.93 0.00	47.90 2.77 0.00	48.08 3.04 0.00	49.95 3.20 0.00	54.09 3.28 0.00	48.48 3.01 0.00	54.73 3.97 0.00	51.61 3.82 0.00	54.48 4.25 0.00	71.33 4.50 0.00	75.71 4.84 0.00	63.07 4.61 0.00	53.29 3.76 0.00
SYRACUSE___ENERGY_ST1 323597	42.67 -0.34 0.00	33.33 -0.32 0.00	32.95 -0.33 0.00	31.51 -0.33 0.00	29.44 -0.28 0.00	36.44 -0.24 0.00	43.66 -0.29 0.00	42.10 -0.22 0.00	43.70 -0.24 0.00	42.49 -0.32 0.00	38.73 -0.27 0.00	44.06 -0.10 0.00	45.21 0.08 0.00	45.23 0.18 0.00	47.01 0.26 0.00	51.12 0.31 0.00	45.95 0.48 -0.01	53.04 0.83 -1.45	49.94 0.82 -1.33	53.20 0.86 -2.11	73.96 0.66 -6.47	77.11 0.53 -5.70	61.79 0.32 -3.01	49.64 0.10 -0.01
SYRACUSE___ENERGY_ST2 323598	42.67 -0.34 0.00	33.33 -0.32 0.00	32.95 -0.33 0.00	31.51 -0.33 0.00	29.44 -0.28 0.00	36.44 -0.24 0.00	43.66 -0.29 0.00	42.10 -0.22 0.00	43.70 -0.24 0.00	42.49 -0.32 0.00	38.73 -0.27 0.00	44.06 -0.10 0.00	45.21 0.08 0.00	45.23 0.18 0.00	47.01 0.26 0.00	51.12 0.31 0.00	45.95 0.48 -0.01	53.04 0.83 -1.45	49.94 0.82 -1.33	53.20 0.86 -2.11	73.96 0.66 -6.47	77.11 0.53 -5.70	61.79 0.32 -3.01	49.64 0.10 -0.01
SYRACUSE___POWER 24017	42.63 -0.38 0.00	33.28 -0.37 0.00	32.93 -0.36 0.00	31.49 -0.35 0.00	29.41 -0.30 0.00	36.40 -0.28 0.00	43.63 -0.33 0.00	42.06 -0.27 0.00	43.68 -0.27 0.00	42.48 -0.33 0.00	38.74 -0.27 0.00	44.09 -0.07 0.00	45.24 0.11 0.00	45.23 0.19 0.00	47.03 0.28 0.00	51.10 0.29 0.00	45.97 0.50 -0.01	52.53 0.80 -0.96	49.45 0.78 -0.89	52.45 0.81 -1.41	71.74 0.60 -4.31	75.13 0.46 -3.79	60.72 0.26 -2.00	49.59 0.05 0.00
TALLMAN__138KV_BK151 55660	43.91 0.91 0.00	34.39 0.74 0.00	33.95 0.66 0.00	32.36 0.52 0.00	30.20 0.49 0.00	37.46 0.79 0.00	44.84 0.89 0.00	43.25 0.93 0.00	45.04 1.10 0.00	44.15 1.34 0.00	40.48 1.47 0.00	45.88 1.62 -0.10	46.73 1.60 0.00	66.39 1.46 -19.89	50.03 1.59 -1.69	52.74 1.93 0.00	47.83 2.37 0.00	53.53 2.77 0.00	49.75 1.97 0.00	51.83 1.60 0.00	68.26 1.43 0.00	71.89 1.01 0.00	59.20 0.74 0.00	50.19 0.66 0.00
TEALLAVE_115KV_TB7 355573	42.38 -0.63 0.00	33.09 -0.57 0.00	32.75 -0.54 0.00	31.32 -0.52 0.00	29.25 -0.47 0.00	36.20 -0.47 0.00	43.39 -0.57 0.00	41.85 -0.48 0.00	43.47 -0.48 0.00	42.28 -0.53 0.00	38.55 -0.46 0.00	43.90 -0.26 0.00	45.04 -0.08 0.00	45.03 -0.01 0.00	46.80 0.05 0.00	50.86 0.05 0.00	45.75 0.28 -0.01	52.07 0.51 -0.80	48.99 0.47 -0.74	51.86 0.46 -1.17	70.56 0.14 -3.58	74.01 -0.02 -3.15	60.01 -0.12 -1.66	49.28 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	43.10 0.10 0.00	33.44 -0.21 0.00	33.02 -0.27 0.00	31.52 -0.32 0.00	29.56 -0.16 0.00	36.64 -0.04 0.00	42.91 -1.04 0.00	41.17 -1.16 0.00	42.78 -1.16 0.00	41.92 -0.89 0.00	38.59 -0.41 0.00	45.48 1.33 0.00	47.24 2.11 0.00	47.31 2.27 0.00	48.98 2.23 0.00	53.05 2.25 0.00	47.40 1.94 0.00	53.39 2.63 0.00	50.15 2.36 0.00	52.71 2.48 0.00	68.86 2.03 0.00	73.26 2.39 0.00	61.29 2.83 0.00	51.93 2.40 0.00
TEMPLE___115KV_TB 2 55572	42.40 -0.61 0.00	33.10 -0.55 0.00	32.75 -0.53 0.00	31.33 -0.51 0.00	29.25 -0.46 0.00	36.21 -0.47 0.00	43.40 -0.56 0.00	41.85 -0.48 0.00	43.47 -0.47 0.00	42.30 -0.51 0.00	38.58 -0.43 0.00	43.93 -0.23 0.00	45.07 -0.05 0.00	45.06 0.01 0.00	46.83 0.08 0.00	50.89 0.08 0.00	45.78 0.31 -0.01	52.10 0.54 -0.80	49.02 0.50 -0.74	51.87 0.48 -1.17	70.58 0.18 -3.57	74.01 -0.01 -3.15	60.03 -0.09 -1.66	49.30 -0.24 0.00
TIANA____69_KV_BK 1 55817	45.13 2.13 0.00	35.00 1.35 0.00	34.47 1.19 0.00	32.79 0.95 0.00	30.66 0.95 0.00	38.05 1.37 0.00	45.08 1.12 0.00	43.92 1.59 0.00	45.75 1.81 0.00	44.82 2.01 0.00	41.65 2.64 0.00	46.65 2.38 -0.11	47.13 2.00 0.00	68.64 1.98 -21.61	51.04 2.46 -1.83	53.79 2.99 0.01	49.04 3.57 0.00	54.43 4.15 0.48	50.44 2.84 0.19	52.50 2.27 0.00	60.27 2.10 8.66	53.60 1.82 19.10	46.47 1.17 13.16	40.51 0.85 9.88

TILDEN___115KV_TB1 80814	42.63 -0.38 0.00	33.28 -0.37 0.00	32.93 -0.36 0.00	31.49 -0.35 0.00	29.41 -0.30 0.00	36.40 -0.28 0.00	43.63 -0.33 0.00	42.06 -0.27 0.00	43.68 -0.27 0.00	42.48 -0.33 0.00	38.74 -0.27 0.00	44.09 -0.07 0.00	45.24 0.11 0.00	45.23 0.19 0.00	47.03 0.28 0.00	51.10 0.29 0.00	45.97 0.50 -0.01	52.53 0.80 -0.96	49.45 0.78 -0.89	52.45 0.81 -1.41	71.74 0.60 -4.31	75.13 0.46 -3.79	60.72 0.26 -2.00	49.59 0.05 0.00
TRIGEN___CC 323695	44.41 1.41 0.00	34.75 1.09 0.00	34.25 0.97 0.00	32.62 0.78 0.00	30.50 0.78 0.00	37.87 1.19 0.00	45.12 1.17 0.00	43.65 1.33 0.00	45.46 1.52 0.00	44.58 1.77 0.00	41.16 2.16 0.00	46.26 1.99 -0.11	46.84 1.71 0.00	68.25 1.60 -21.61	50.46 1.87 -1.83	53.10 2.29 0.00	48.24 2.77 0.00	53.80 3.04 0.00	49.80 2.02 0.00	51.81 1.58 0.00	67.70 1.36 0.49	70.18 1.13 1.82	58.01 0.82 1.28	49.31 0.74 0.96
TRINITY___115KV___4 BK 55933	42.81 -0.19 0.00	33.57 -0.09 0.00	33.36 0.07 0.00	32.00 0.15 0.00	29.88 0.16 0.00	36.88 0.21 0.00	43.86 -0.03 0.06	42.35 0.02 0.00	43.90 -0.04 0.00	42.71 -0.10 0.00	38.82 -0.19 0.00	43.65 -0.43 0.09	44.57 -0.56 0.00	26.88 -0.67 17.49	44.60 -0.67 1.48	50.36 -0.45 0.00	45.40 -0.06 0.00	51.12 0.36 0.00	47.89 0.10 0.00	50.20 -0.02 0.00	66.44 -0.39 0.00	70.07 -0.80 0.00	57.75 -0.71 0.00	49.02 -0.52 0.00
UNION___PROCESSING_DRP 323587	42.99 -0.02 0.00	33.48 -0.17 0.00	33.06 -0.22 0.00	31.58 -0.26 0.00	29.55 -0.16 0.00	36.62 -0.05 0.00	43.46 -0.50 0.00	41.75 -0.58 0.00	43.44 -0.51 0.00	42.42 -0.39 0.00	38.89 -0.12 0.00	45.16 1.00 0.00	46.73 1.60 0.00	46.84 1.80 0.00	48.60 1.84 0.00	52.75 1.94 0.00	47.25 1.79 0.00	53.19 2.44 0.00	50.02 2.24 0.00	52.52 2.29 0.00	68.97 2.14 0.00	73.10 2.23 0.00	60.51 2.04 0.00	51.09 1.55 0.00
UPPER HUDSON___HYD 24058	44.64 1.63 0.00	34.90 1.24 0.00	34.56 1.28 0.00	33.05 1.21 0.00	30.86 1.15 0.00	38.20 1.52 0.00	45.66 1.66 -0.04	44.00 1.67 0.00	45.55 1.61 0.00	44.13 1.33 0.00	39.81 0.81 0.00	44.67 0.61 0.10	45.70 0.57 0.00	26.47 0.46 19.04	45.78 0.64 1.61	52.10 1.30 0.00	47.12 1.66 0.00	53.49 2.73 0.00	50.73 2.95 0.00	53.30 3.07 0.00	70.62 3.79 0.00	73.74 2.86 0.00	60.59 2.13 0.00	51.35 1.82 0.00
UPPER RAQUET___HYD 24056	45.00 2.00 0.00	35.22 1.57 0.00	34.76 1.47 0.00	33.24 1.40 0.00	31.00 1.29 0.00	38.19 1.51 0.00	45.85 1.90 0.00	43.73 1.40 0.00	45.34 1.40 0.00	44.06 1.24 0.00	40.06 1.05 0.00	45.17 1.01 0.00	45.95 0.82 0.00	45.98 0.94 0.00	47.56 0.81 0.00	51.37 0.56 0.00	45.21 -0.25 0.00	49.68 -1.08 0.00	47.41 -0.37 0.00	50.30 0.07 0.00	67.94 1.12 0.00	73.29 2.42 0.00	60.75 2.28 0.00	51.40 1.87 0.00
VALLEY44_115KV_TB2 355964	42.66 -0.34 0.00	33.03 -0.63 0.00	32.61 -0.67 0.00	31.20 -0.64 0.00	29.28 -0.43 0.00	36.38 -0.29 0.00	42.82 -1.14 0.00	39.09 -3.23 0.00	41.02 -2.93 0.00	42.02 -0.79 0.00	38.96 -0.05 0.00	45.91 1.75 0.00	47.64 2.51 0.00	47.20 2.15 0.00	48.99 2.23 0.00	52.26 1.45 0.00	46.54 1.07 0.00	52.12 1.36 0.00	48.72 0.94 0.00	50.99 0.77 0.00	66.43 -0.40 0.00	70.73 -0.14 0.00	59.37 0.91 0.00	50.71 1.18 0.00
VALLEY___115KV_TB 1-4 80826	43.12 0.12 0.00	33.66 0.00 0.00	33.28 0.00 0.00	31.86 0.02 0.00	29.74 0.03 0.00	36.89 0.21 0.00	44.05 0.10 0.00	42.45 0.12 0.00	43.89 -0.05 0.00	42.49 -0.32 0.00	38.50 -0.51 0.00	43.35 -0.81 0.00	44.38 -0.75 0.00	44.19 -0.85 0.00	45.99 -0.76 0.00	50.26 -0.55 0.00	45.26 -0.20 0.00	51.28 0.52 0.00	48.55 0.76 0.00	51.23 1.00 0.00	67.77 0.94 0.00	71.39 0.52 0.00	58.49 0.03 0.00	49.43 -0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.22 1.22 0.00	34.52 0.86 0.00	34.05 0.77 0.00	32.54 0.70 0.00	30.40 0.69 0.00	37.64 0.96 0.00	45.11 1.15 0.00	43.40 1.07 0.00	45.18 1.25 0.00	44.24 1.42 0.00	40.43 1.43 0.00	45.93 1.77 0.00	47.08 1.95 0.00	46.98 1.94 0.00	48.86 2.10 0.00	52.88 2.07 0.00	47.68 2.21 0.00	53.76 2.71 -0.29	50.45 2.40 -0.26	53.02 2.37 -0.42	70.66 2.54 -1.29	74.49 2.49 -1.13	61.10 2.04 -0.60	51.15 1.62 0.00
VISCHER___FERRY HYD 24020	43.90 0.90 0.00	34.42 0.76 0.00	34.14 0.85 0.00	32.68 0.84 0.00	30.51 0.80 0.00	37.73 1.05 0.00	45.13 1.05 -0.13	43.34 1.02 0.00	44.87 0.93 0.00	43.58 0.77 0.00	39.56 0.55 0.00	44.45 0.42 0.13	45.42 0.29 0.00	19.21 0.15 25.98	44.71 0.16 2.20	51.36 0.56 0.00	46.29 0.83 0.00	52.25 1.49 0.00	49.05 1.26 0.00	51.49 1.26 0.00	68.17 1.35 0.00	71.84 0.97 0.00	59.18 0.72 0.00	50.27 0.74 0.00
V_A_10_SYNC_DSASP 323832	42.38 -0.63 0.00	32.91 -0.75 0.00	32.51 -0.77 0.00	31.07 -0.77 0.00	29.12 -0.59 0.00	36.12 -0.56 0.00	42.35 -1.61 0.00	40.39 -1.94 0.00	42.14 -1.80 0.00	41.36 -1.45 0.00	38.15 -0.85 0.00	45.03 0.87 0.00	46.78 1.65 0.00	46.75 1.70 0.00	48.32 1.57 0.00	52.23 1.42 0.00	46.60 1.14 0.00	52.44 1.69 0.00	49.16 1.38 0.00	51.57 1.34 0.00	67.40 0.57 0.00	71.77 0.90 0.00	60.07 1.61 0.00	50.93 1.40 0.00
V_CMM_10_SYNC_DSASP 323787	43.79 0.79 0.00	34.31 0.65 0.00	33.87 0.59 0.00	32.39 0.55 0.00	30.23 0.51 0.00	37.20 0.52 0.00	44.65 0.69 0.00	42.83 0.50 0.00	44.48 0.54 0.00	43.37 0.56 0.00	39.52 0.51 0.00	44.63 0.47 0.00	45.49 0.36 0.00	45.48 0.43 0.00	47.11 0.35 0.00	51.01 0.20 0.00	45.15 -0.31 0.00	50.00 -0.76 0.00	47.34 -0.45 0.00	49.91 -0.32 0.00	67.09 0.26 0.00	71.66 0.79 0.00	59.24 0.77 0.00	50.23 0.70 0.00
V_CMP_10_SYNC_DSASP 323788	43.90 0.89 0.00	34.47 0.81 0.00	33.98 0.69 0.00	32.52 0.68 0.00	30.36 0.65 0.00	37.42 0.75 0.00	44.94 0.99 0.00	42.62 0.29 0.00	44.29 0.35 0.00	43.20 0.39 0.00	39.30 0.29 0.00	44.16 -0.01 0.00	45.00 -0.12 0.00	45.06 0.01 0.00	46.66 -0.09 0.00	50.56 -0.25 0.00	44.77 -0.69 0.00	49.65 -1.11 0.00	47.05 -0.74 0.00	49.61 -0.62 0.00	66.69 -0.14 0.00	71.13 0.25 0.00	58.67 0.20 0.00	49.69 0.16 0.00
V_D_10_SYNC_DSASP 323841	44.30 1.29 0.00	34.69 1.03 0.00	34.25 0.96 0.00	32.75 0.91 0.00	30.55 0.84 0.00	37.60 0.93 0.00	45.14 1.18 0.00	43.17 0.84 0.00	44.82 0.88 0.00	43.67 0.87 0.00	39.78 0.78 0.00	44.92 0.76 0.00	45.76 0.64 0.00	45.76 0.72 0.00	47.40 0.64 0.00	51.23 0.42 0.00	45.31 -0.15 0.00	50.04 -0.72 0.00	47.54 -0.24 0.00	50.18 -0.05 0.00	67.52 0.69 0.00	72.30 1.43 0.00	59.78 1.32 0.00	50.68 1.15 0.00
V_E_10_SYNC_DSASP 323830	45.84 2.84 0.00	35.74 2.08 0.00	35.25 1.96 0.00	33.71 1.87 0.00	31.55 1.83 0.00	39.13 2.46 0.00	47.01 3.05 0.00	45.10 2.77 0.00	46.54 2.60 0.00	45.36 2.55 0.00	41.34 2.33 0.00	47.09 2.93 0.00	48.37 3.24 0.00	48.32 3.27 0.00	50.43 3.67 0.00	54.71 3.90 0.00	49.59 4.12 0.00	56.55 5.18 -0.61	53.64 5.29 -0.56	57.03 5.91 -0.89	76.69 7.12 -2.74	80.44 7.16 -2.41	65.29 5.55 -1.27	53.57 4.03 0.00

V_F_30_NSYNC___DSASP 323816	44.61 1.61 0.00	34.91 1.25 0.00	34.59 1.31 0.00	33.08 1.24 0.00	30.90 1.18 0.00	38.23 1.56 0.00	45.73 1.71 -0.06	43.98 1.65 0.00	45.54 1.60 0.00	44.21 1.41 0.00	40.08 1.07 0.00	45.03 0.96 0.10	46.05 0.92 0.00	25.71 0.83 20.16	45.98 0.94 1.71	52.25 1.45 0.00	47.19 1.73 0.00	53.36 2.60 0.00	50.31 2.53 0.00	52.86 2.63 0.00	69.96 3.13 0.00	73.54 2.67 0.00	60.45 1.99 0.00	51.25 1.71 0.00
V_F_30_SYNC_DSASP 323786	43.02 0.02 0.00	33.72 0.07 0.00	33.50 0.22 0.00	32.13 0.29 0.00	30.00 0.28 0.00	37.03 0.36 0.00	44.06 0.16 0.06	42.56 0.23 0.00	44.12 0.18 0.00	42.95 0.14 0.00	39.05 0.04 0.00	43.91 -0.16 0.09	44.87 -0.26 0.00	26.86 -0.35 17.83	44.92 -0.32 1.51	50.76 -0.05 0.00	45.78 0.31 0.00	51.53 0.77 0.00	48.28 0.50 0.00	50.60 0.37 0.00	66.93 0.10 0.00	70.60 -0.28 0.00	58.15 -0.31 0.00	49.31 -0.22 0.00
V_XM_10_SYNC_DSASP 323789	43.90 0.89 0.00	34.47 0.81 0.00	33.98 0.69 0.00	32.52 0.68 0.00	30.36 0.65 0.00	37.42 0.75 0.00	44.94 0.99 0.00	42.62 0.29 0.00	44.29 0.35 0.00	43.20 0.39 0.00	39.30 0.29 0.00	44.16 -0.01 0.00	45.00 -0.12 0.00	45.06 0.01 0.00	46.66 -0.09 0.00	50.56 -0.25 0.00	44.77 -0.69 0.00	49.65 -1.11 0.00	47.05 -0.74 0.00	49.61 -0.62 0.00	66.69 -0.14 0.00	71.13 0.25 0.00	58.67 0.20 0.00	49.69 0.16 0.00
W.BABYLN_69_KV_BK1 56697	44.98 1.97 0.00	35.14 1.49 0.00	34.64 1.35 0.00	32.95 1.11 0.00	30.80 1.09 0.00	38.25 1.58 0.00	45.47 1.52 0.00	44.10 1.77 0.00	45.90 1.96 0.00	45.02 2.21 0.00	41.76 2.75 0.00	46.71 2.44 -0.11	47.16 2.03 0.00	68.62 1.96 -21.61	50.88 2.30 -1.83	53.57 2.77 0.01	48.83 3.37 0.00	54.17 3.68 0.27	50.13 2.46 0.11	52.22 1.99 0.00	61.43 1.83 7.22	56.01 1.70 16.56	48.33 1.29 11.42	42.13 1.17 8.57
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.06 1.05 0.00	34.51 0.85 0.00	34.08 0.79 0.00	32.49 0.65 0.00	30.32 0.61 0.00	37.60 0.93 0.00	44.99 1.04 0.00	43.42 1.09 0.00	45.21 1.27 0.00	44.31 1.50 0.00	40.63 1.62 0.00	46.05 1.78 -0.10	46.89 1.77 0.00	66.91 1.62 -20.25	50.26 1.79 -1.72	52.94 2.13 0.00	48.02 2.56 0.00	53.74 2.98 0.00	49.96 2.18 0.00	52.04 1.81 0.00	68.54 1.71 0.00	72.15 1.28 0.00	59.41 0.95 0.00	50.38 0.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.32 1.32 0.00	34.77 1.11 0.00	34.28 0.99 0.00	32.67 0.83 0.00	30.49 0.77 0.00	37.82 1.14 0.00	45.28 1.33 0.00	43.76 1.43 0.00	45.65 1.71 0.00	44.81 2.00 0.00	41.12 2.11 0.00	46.54 2.27 -0.11	47.27 2.14 0.00	68.58 1.93 -21.61	50.65 2.06 -1.83	53.22 2.42 0.00	48.32 2.86 0.00	54.00 3.24 0.00	50.08 2.30 0.00	52.06 1.83 0.00	68.55 1.73 0.00	72.17 1.30 0.00	59.44 0.97 0.00	50.51 0.97 0.00
W50THST__13_KV_LOAD 356117	44.56 1.55 0.00	34.97 1.31 0.00	34.48 1.19 0.00	32.85 1.01 0.00	30.66 0.94 0.00	38.05 1.38 0.00	45.61 1.65 0.00	44.09 1.76 0.00	46.03 2.08 0.00	45.20 2.39 0.00	41.51 2.51 0.00	47.00 2.73 -0.11	47.74 2.61 0.00	69.01 2.36 -21.61	51.09 2.50 -1.83	53.67 2.86 0.00	48.74 3.27 0.00	54.43 3.67 0.00	50.43 2.64 0.00	52.39 2.16 0.00	68.95 2.12 0.00	72.57 1.70 0.00	59.75 1.29 0.00	50.78 1.25 0.00
WADING RIVER_IC_1 23522	44.19 1.18 0.00	34.34 0.69 0.00	34.00 0.72 0.00	32.35 0.51 0.00	30.25 0.54 0.00	37.54 0.86 0.00	44.40 0.44 0.00	43.31 0.98 0.00	45.05 1.11 0.00	44.01 1.21 0.00	40.85 1.84 0.00	45.70 1.43 -0.11	46.14 1.00 0.00	67.67 1.02 -21.61	50.02 1.43 -1.83	52.67 1.86 0.01	48.02 2.56 0.00	53.40 3.11 0.47	49.51 1.92 0.19	51.55 1.32 0.00	58.99 0.81 8.65	52.35 0.58 19.10	45.51 0.21 13.17	39.73 0.08 9.88
WADING RIVER_IC_2 23547	44.19 1.18 0.00	34.34 0.69 0.00	34.00 0.72 0.00	32.35 0.51 0.00	30.25 0.54 0.00	37.54 0.86 0.00	44.40 0.44 0.00	43.31 0.98 0.00	45.05 1.11 0.00	44.01 1.21 0.00	40.85 1.84 0.00	45.70 1.43 -0.11	46.14 1.00 0.00	67.67 1.02 -21.61	50.02 1.43 -1.83	52.67 1.86 0.01	48.02 2.56 0.00	53.40 3.11 0.47	49.51 1.92 0.19	51.55 1.32 0.00	58.99 0.81 8.65	52.35 0.58 19.10	45.51 0.21 13.17	39.73 0.08 9.88
WADING RIVER_IC_3 23601	44.19 1.18 0.00	34.34 0.69 0.00	34.00 0.72 0.00	32.35 0.51 0.00	30.25 0.54 0.00	37.54 0.86 0.00	44.40 0.44 0.00	43.31 0.98 0.00	45.05 1.11 0.00	44.01 1.21 0.00	40.85 1.84 0.00	45.70 1.43 -0.11	46.14 1.00 0.00	67.67 1.02 -21.61	50.02 1.43 -1.83	52.67 1.86 0.01	48.02 2.56 0.00	53.40 3.11 0.47	49.51 1.92 0.19	51.55 1.32 0.00	58.99 0.81 8.65	52.35 0.58 19.10	45.51 0.21 13.17	39.73 0.08 9.88
WALDENNY_12_KV_BK2 80841	43.09 0.09 0.00	33.38 -0.27 0.00	32.97 -0.31 0.00	31.49 -0.35 0.00	29.51 -0.20 0.00	36.63 -0.05 0.00	42.88 -1.08 0.00	41.06 -1.27 0.00	42.86 -1.08 0.00	42.26 -0.55 0.00	39.10 0.10 0.00	46.38 2.22 0.00	48.34 3.21 0.00	48.43 3.38 0.00	50.13 3.38 0.00	54.20 3.39 0.00	48.37 2.91 0.00	54.45 3.69 0.00	50.97 3.19 0.00	53.48 3.25 0.00	69.58 2.75 0.00	73.99 3.12 0.00	62.00 3.54 0.00	52.60 3.06 0.00
WALDEN__HYDRO 24148	44.05 1.05 0.00	34.49 0.84 0.00	34.04 0.76 0.00	32.48 0.63 0.00	30.31 0.59 0.00	37.56 0.88 0.00	44.95 0.99 0.00	43.37 1.04 0.00	45.15 1.21 0.00	44.21 1.40 0.00	40.50 1.49 0.00	45.83 1.59 -0.09	46.60 1.48 0.00	63.49 1.38 -17.06	49.71 1.51 -1.45	52.68 1.88 0.00	47.78 2.31 0.00	53.58 2.82 0.00	49.92 2.14 0.00	52.07 1.84 0.00	68.64 1.81 0.00	72.31 1.44 0.00	59.50 1.04 0.00	50.43 0.90 0.00
WARRENSBURG____ 23737	44.64 1.63 0.00	34.90 1.25 0.00	34.56 1.28 0.00	33.05 1.21 0.00	30.86 1.15 0.00	38.20 1.52 0.00	45.66 1.66 -0.04	44.00 1.67 0.00	45.55 1.61 0.00	44.14 1.33 0.00	39.81 0.81 0.00	44.67 0.61 0.10	45.70 0.57 0.00	26.47 0.46 19.04	45.78 0.64 1.61	52.10 1.29 0.00	47.12 1.66 0.00	53.49 2.73 0.00	50.73 2.95 0.00	53.30 3.07 0.00	70.62 3.79 0.00	73.74 2.86 0.00	60.59 2.13 0.00	51.35 1.81 0.00
WATERSIDE____6 8 9 23538	44.34 1.34 0.00	34.84 1.19 0.00	34.29 1.01 0.00	32.69 0.85 0.00	30.52 0.80 0.00	37.85 1.17 0.00	45.29 1.34 0.00	43.77 1.44 0.00	45.64 1.70 0.00	44.83 2.02 0.00	41.13 2.12 0.00	46.47 2.20 -0.11	47.14 2.01 0.00	68.46 1.81 -21.61	50.50 1.91 -1.83	53.10 2.29 0.00	48.23 2.77 0.00	53.71 2.95 0.00	49.83 2.05 0.00	51.79 1.56 0.00	68.20 1.37 0.00	71.87 1.00 0.00	59.26 0.80 0.00	50.42 0.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	43.02 0.01 0.00	33.60 -0.05 0.00	33.25 -0.03 0.00	31.83 -0.01 0.00	29.70 -0.01 0.00	36.79 0.11 0.00	43.97 0.02 0.00	42.38 0.05 0.00	43.86 -0.09 0.00	42.54 -0.27 0.00	38.58 -0.42 0.00	43.52 -0.65 0.00	44.52 -0.61 0.00	44.35 -0.69 0.00	46.14 -0.61 0.00	50.34 -0.47 0.00	45.29 -0.17 0.00	51.12 0.36 0.00	48.30 0.51 0.00	50.90 0.67 0.00	67.40 0.58 0.00	71.15 0.27 0.00	58.40 -0.06 0.00	49.40 -0.14 0.00

WDELAWARE___HYD 323627	43.48 0.48 0.00	34.00 0.34 0.00	33.52 0.23 0.00	31.98 0.14 0.00	29.84 0.13 0.00	36.96 0.28 0.00	44.26 0.30 0.00	42.72 0.39 0.00	44.48 0.54 0.00	43.59 0.78 0.00	39.92 0.92 0.00	44.36 0.74 0.54	45.84 0.71 0.00	59.19 0.51 -13.64	47.41 -0.50 -1.16	50.49 -0.31 0.00	45.90 0.43 0.00	51.58 0.83 0.00	48.18 0.40 0.00	50.51 0.28 0.00	67.61 0.78 0.00	71.76 0.89 0.00	58.97 0.51 0.00	49.89 0.35 0.00
WEST BABYLON___IC 23714	44.98 1.97 0.00	35.14 1.49 0.00	34.64 1.35 0.00	32.95 1.11 0.00	30.80 1.09 0.00	38.25 1.58 0.00	45.47 1.52 0.00	44.10 1.77 0.00	45.90 1.96 0.00	45.02 2.21 0.00	41.76 2.75 0.00	46.71 2.44 -0.11	47.16 2.03 0.00	68.62 1.96 -21.61	50.88 2.30 -1.83	53.57 2.77 0.01	48.83 3.37 0.00	54.17 3.68 0.27	50.13 2.46 0.11	52.22 1.99 0.00	61.43 1.83 7.22	56.01 1.70 16.56	48.33 1.29 11.42	42.13 1.17 8.57
WEST CANADA___HYD 24049	42.97 -0.04 0.00	33.62 -0.03 0.00	33.27 -0.02 0.00	31.83 -0.01 0.00	29.71 0.00 0.00	36.69 0.02 0.00	43.95 -0.01 0.00	42.34 0.01 0.00	43.94 0.00 0.00	42.77 -0.04 0.00	38.97 -0.04 0.00	44.07 -0.09 0.00	45.04 -0.09 0.00	44.95 -0.09 0.00	46.66 -0.09 0.00	50.76 -0.05 0.00	45.56 0.09 0.00	51.01 0.25 0.00	47.98 0.19 0.00	50.43 0.20 0.00	66.94 0.11 0.00	70.86 -0.01 0.00	58.41 -0.06 0.00	49.48 -0.05 0.00
WESTERN_NY_WIND 24143	43.87 0.87 0.00	34.04 0.38 0.00	33.59 0.30 0.00	32.07 0.22 0.00	30.05 0.34 0.00	37.25 0.58 0.00	43.84 -0.12 0.00	42.21 -0.11 0.00	43.81 -0.13 0.00	42.75 -0.06 0.00	39.19 0.18 0.00	46.07 1.91 0.00	47.87 2.74 0.00	48.05 3.01 0.00	49.92 3.16 0.00	54.04 3.23 0.00	48.42 2.96 0.00	54.67 3.91 0.00	51.55 3.77 0.00	54.42 4.19 0.00	71.24 4.42 0.00	75.64 4.77 0.00	63.03 4.57 0.00	53.27 3.73 0.00
WESTOVER___LESR 323668	42.91 -0.09 0.00	33.46 -0.19 0.00	33.04 -0.24 0.00	31.63 -0.21 0.00	29.55 -0.16 0.00	36.62 -0.05 0.00	43.79 -0.17 0.00	41.99 -0.33 0.00	43.71 -0.23 0.00	42.77 -0.04 0.00	39.14 0.13 0.00	44.64 0.48 0.00	45.88 0.75 0.00	45.82 0.78 0.00	47.72 0.96 0.00	51.51 0.70 0.00	46.37 0.90 0.00	52.69 1.34 -0.59	49.53 1.20 -0.54	52.37 1.28 -0.86	70.41 0.93 -2.65	74.12 0.92 -2.33	60.43 0.73 -1.23	49.98 0.44 0.00
WETHRSFD_WT_PWR 323626	42.74 -0.26 0.00	33.17 -0.49 0.00	32.78 -0.51 0.00	31.34 -0.50 0.00	29.35 -0.36 0.00	36.47 -0.21 0.00	42.91 -1.05 0.00	40.89 -1.44 0.00	42.56 -1.39 0.00	41.85 -0.96 0.00	38.58 -0.43 0.00	45.26 1.10 0.00	47.01 1.88 0.00	47.04 2.00 0.00	48.78 2.02 0.00	52.63 1.82 0.00	47.13 1.67 0.00	53.05 2.29 0.00	49.64 1.85 0.00	52.33 2.10 0.00	68.24 1.41 0.00	72.43 1.56 0.00	60.47 2.01 0.00	51.25 1.72 0.00
WHAVSTOR_138KV_BK127 55557	43.84 0.84 0.00	34.36 0.71 0.00	33.93 0.64 0.00	32.36 0.52 0.00	30.19 0.48 0.00	37.44 0.76 0.00	44.80 0.84 0.00	43.21 0.89 0.00	44.99 1.05 0.00	44.08 1.27 0.00	40.40 1.39 0.00	45.78 1.52 -0.10	46.59 1.46 0.00	66.67 1.30 -20.32	49.91 1.44 -1.72	52.57 1.76 0.00	47.68 2.22 0.00	53.35 2.59 0.00	49.60 1.82 0.00	51.68 1.45 0.00	68.08 1.26 0.00	71.71 0.83 0.00	59.05 0.59 0.00	50.10 0.56 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.84 0.84 0.00	34.36 0.71 0.00	33.93 0.64 0.00	32.36 0.52 0.00	30.19 0.48 0.00	37.44 0.76 0.00	44.80 0.84 0.00	43.21 0.89 0.00	44.99 1.05 0.00	44.08 1.27 0.00	40.40 1.39 0.00	45.78 1.52 -0.10	46.59 1.46 0.00	66.67 1.30 -20.32	49.91 1.44 -1.72	52.57 1.76 0.00	47.68 2.22 0.00	53.35 2.59 0.00	49.60 1.82 0.00	51.68 1.45 0.00	68.08 1.26 0.00	71.71 0.83 0.00	59.05 0.59 0.00	50.10 0.56 0.00
WHITEHAL_115KV_TB1 80871	45.74 2.73 0.00	35.74 2.09 0.00	35.18 1.89 0.00	33.63 1.79 0.00	31.43 1.72 0.00	38.89 2.21 0.00	46.62 2.62 -0.05	45.06 2.73 0.00	46.47 2.53 0.00	44.78 1.97 0.00	40.52 1.51 0.00	45.40 1.34 0.10	46.58 1.45 0.00	26.78 1.24 19.50	46.60 1.51 1.65	53.60 2.79 0.00	48.59 3.12 0.00	55.52 4.76 0.00	52.48 4.70 0.00	55.18 4.95 0.00	72.91 6.08 0.00	74.70 3.83 0.00	61.53 3.07 0.00	52.57 3.04 0.00
WHITEPLN_13_KV_LOAD 356215	44.60 1.60 0.00	34.94 1.28 0.00	34.47 1.18 0.00	32.85 1.01 0.00	30.66 0.94 0.00	38.02 1.35 0.00	45.52 1.56 0.00	43.96 1.63 0.00	45.85 1.91 0.00	44.95 2.15 0.00	41.27 2.26 0.00	46.77 2.50 -0.11	47.57 2.44 0.00	68.87 2.27 -21.56	51.04 2.46 -1.83	53.73 2.92 0.00	48.73 3.26 0.00	54.51 3.76 0.00	50.64 2.86 0.00	52.69 2.46 0.00	69.37 2.54 0.00	73.04 2.17 0.00	60.09 1.62 0.00	50.98 1.45 0.00
WM_FLOYD_69_KV_BK2 356380	44.46 1.45 0.00	34.65 0.99 0.00	34.22 0.94 0.00	32.56 0.72 0.00	30.46 0.74 0.00	37.79 1.11 0.00	44.80 0.84 0.00	43.59 1.26 0.00	45.35 1.41 0.00	44.38 1.57 0.00	41.19 2.19 0.00	46.09 1.82 -0.11	46.48 1.35 0.00	68.06 1.41 -21.61	50.41 1.82 -1.83	53.05 2.25 0.01	48.37 2.91 0.00	53.68 3.42 0.51	49.81 2.23 0.20	51.91 1.69 0.00	59.52 1.36 8.68	52.93 1.11 19.05	46.02 0.69 13.13	40.18 0.50 9.85
WOODARD___115KV_TB2 355635	42.34 -0.66 0.00	33.08 -0.58 0.00	32.72 -0.57 0.00	31.29 -0.55 0.00	29.22 -0.50 0.00	36.16 -0.52 0.00	43.34 -0.61 0.00	41.81 -0.52 0.00	43.41 -0.53 0.00	42.23 -0.58 0.00	38.49 -0.52 0.00	43.80 -0.37 0.00	44.91 -0.22 0.00	44.89 -0.15 0.00	46.66 -0.09 0.00	50.71 -0.10 0.00	45.61 0.14 -0.01	52.19 0.37 -1.06	49.11 0.35 -0.97	52.10 0.33 -1.54	71.57 0.01 -4.73	74.89 -0.15 -4.17	60.45 -0.22 -2.20	49.20 -0.34 0.00
WOODMERE_69_KV_BK1 55827	45.10 2.09 0.00	35.23 1.58 0.00	34.70 1.42 0.00	33.03 1.19 0.00	30.88 1.17 0.00	38.34 1.66 0.00	45.68 1.72 0.00	44.19 1.86 0.00	46.00 2.06 0.00	45.19 2.38 0.00	41.79 2.78 0.00	46.97 2.70 -0.11	47.62 2.49 0.00	69.09 2.43 -21.61	51.33 2.75 -1.83	54.10 3.29 0.00	49.07 3.61 0.00	54.63 3.87 0.00	50.55 2.77 0.00	52.60 2.37 0.00	72.99 2.39 -3.78	74.94 2.38 -1.68	61.20 1.87 -0.87	51.75 1.57 -0.65
YORK___WARBASSE 23770	44.55 1.55 0.00	35.00 1.35 0.00	34.44 1.15 0.00	32.81 0.97 0.00	30.64 0.92 0.00	38.00 1.32 0.00	45.44 1.48 0.00	43.82 1.49 0.00	45.66 1.72 0.00	44.85 2.04 0.00	41.18 2.17 0.00	46.50 2.23 -0.11	47.15 2.02 0.00	68.55 1.89 -21.61	50.62 2.03 -1.83	53.23 2.42 0.00	48.37 2.91 0.00	53.86 3.10 0.00	49.99 2.21 0.00	51.99 1.76 0.00	68.49 1.66 0.00	72.24 1.36 0.00	59.58 1.12 0.00	50.68 1.14 0.00