

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/04/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	44.30	36.69	29.74	29.37	29.53	32.90	37.45	41.52	40.78	40.16	38.53	37.56	45.39	48.64	55.52	63.37	72.28	72.07	64.44	57.55	64.36	65.55	58.75	45.63
24138	1.97	1.54	1.40	1.25	1.10	1.09	1.43	1.82	2.02	2.16	2.22	2.26	2.81	2.82	3.00	3.28	4.19	4.79	4.05	3.06	2.40	1.62	1.42	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	44.41	36.78	29.81	29.43	29.59	32.95	37.51	41.59	40.82	40.19	38.54	37.56	45.37	48.67	55.61	63.52	72.46	72.24	64.64	57.77	64.67	65.83	59.02	45.81
24260	2.07	1.62	1.47	1.30	1.16	1.15	1.49	1.89	2.06	2.18	2.23	2.26	2.78	2.86	3.09	3.42	4.37	4.97	4.25	3.29	2.72	1.91	1.69	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	44.41	36.78	29.81	29.43	29.59	32.95	37.51	41.59	40.82	40.19	38.54	37.56	45.37	48.67	55.61	63.52	72.46	72.24	64.64	57.77	64.67	65.83	59.02	45.81
24261	2.07	1.62	1.47	1.30	1.16	1.15	1.49	1.89	2.06	2.18	2.23	2.26	2.78	2.86	3.09	3.42	4.37	4.97	4.25	3.29	2.72	1.91	1.69	1.59
	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
ADK HUDSON___FALLS	44.47	36.92	29.87	29.59	29.88	33.37	37.93	41.82	40.77	39.67	37.26	36.08	43.45	46.75	53.74	61.77	70.68	70.73	64.37	58.22	65.66	66.97	59.84	45.96
24011	2.13	1.77	1.52	1.47	1.45	1.56	1.90	2.11	2.01	1.67	0.95	0.78	0.86	0.93	1.22	1.68	2.58	3.46	3.98	3.73	3.70	3.05	2.51	1.74
	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
ADK RESOURCE___RCVRY	44.76	37.17	30.04	29.78	30.08	33.58	38.20	42.17	41.09	39.92	37.37	36.15	43.54	46.84	53.87	62.05	71.03	71.13	64.79	58.72	66.10	67.28	60.09	46.08
23798	2.42	2.02	1.70	1.66	1.65	1.77	2.18	2.47	2.33	1.92	1.06	0.85	0.96	1.03	1.35	1.95	2.93	3.86	4.40	4.24	4.14	3.36	2.76	1.86
	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
ADK S GLENS___FALLS	44.47	36.92	29.87	29.59	29.88	33.37	37.93	41.82	40.77	39.67	37.26	36.08	43.45	46.75	53.74	61.77	70.68	70.73	64.37	58.22	65.66	66.97	59.84	45.96
24028	2.13	1.77	1.52	1.47	1.45	1.56	1.90	2.11	2.01	1.67	0.95	0.78	0.86	0.93	1.22	1.68	2.58	3.46	3.98	3.73	3.70	3.05	2.51	1.74
	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
ADK_NYS___DAM	43.80	36.41	29.56	29.28	29.56	32.92	37.29	41.13	40.23	39.16	36.99	35.85	43.16	46.36	53.08	60.65	69.09	69.06	62.35	56.24	63.65	65.16	58.43	45.09
23527	1.45	1.26	1.22	1.15	1.13	1.11	1.27	1.42	1.47	1.15	0.68	0.55	0.58	0.54	0.56	0.56	1.00	1.78	1.96	1.75	1.69	1.24	1.11	0.87
	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
AIR_PRODUCTS___DRP	42.21	35.11	28.65	28.37	28.61	31.85	36.14	39.75	38.86	37.90	36.07	35.00	42.06	45.19	51.75	59.05	67.17	66.91	60.31	54.25	61.29	62.76	56.19	43.44
24190	-0.13	-0.05	0.31	0.25	0.17	0.04	0.11	0.04	0.10	-0.10	-0.24	-0.30	-0.53	-0.63	-0.76	-1.04	-0.93	-0.37	-0.08	-0.24	-0.67	-1.16	-1.14	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	42.93	35.63	28.50	28.31	28.73	32.37	36.65	40.44	39.47	38.73	37.07	36.05	43.48	46.75	53.56	61.30	69.01	67.30	60.15	54.44	62.63	65.31	58.64	45.21
355683	0.59	0.48	0.16	0.19	0.30	0.57	0.63	0.73	0.71	0.72	0.76	0.75	0.89	0.93	1.04	1.20	0.91	0.02	-0.24	-0.05	0.68	1.39	1.31	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	43.19	35.91	29.22	28.97	29.21	32.54	36.87	40.47	39.35	38.29	36.31	35.13	42.22	45.37	51.89	36.65	52.92	66.37	60.20	54.35	61.52	63.07	56.46	43.63
323833	0.84	0.75	0.87	0.84	0.78	0.73	0.85	0.76	0.59	0.28	0.00	-0.17	-0.36	-0.45	-0.63	-1.35	-1.38	-0.90	-0.19	-0.13	-0.44	-0.85	-0.86	-0.59
	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	22.10	13.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	43.18	35.89	29.21	28.96	29.21	32.53	36.87	40.45	39.35	38.28	36.31	35.13	42.21	45.37	51.89	36.66	52.90	66.36	60.17	54.35	61.50	63.05	56.46	43.62
323834	0.83	0.74	0.87	0.83	0.77	0.72	0.85	0.74	0.59	0.28	0.00	-0.17	-0.37	-0.45	-0.63	-1.35	-1.39	-0.92	-0.22	-0.14	-0.45	-0.87	-0.87	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.08	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	42.21	35.11	28.65	28.37	28.61	31.85	36.14	39.75	38.86	37.90	36.07	35.00	42.06	45.19	51.75	59.05	67.17	66.91	60.31	54.25	61.29	62.76	56.19	43.44
23571	-0.13	-0.05	0.31	0.25	0.17	0.04	0.11	0.04	0.10	-0.10	-0.24	-0.30	-0.53	-0.63	-0.76	-1.04	-0.93	-0.37	-0.08	-0.24	-0.67	-1.16	-1.14	-0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	42.21 -0.13 0.00	35.11 -0.05 0.00	28.65 0.31 0.00	28.37 0.25 0.00	28.61 0.17 0.00	31.85 0.04 0.00	36.14 0.11 0.00	39.75 0.04 0.00	38.86 0.10 0.00	37.90 -0.10 0.00	36.07 -0.24 0.00	35.00 -0.30 0.00	42.06 -0.53 0.00	45.19 -0.63 0.00	51.75 -0.76 0.00	59.05 -1.04 0.00	67.17 -0.93 0.00	66.91 -0.37 0.00	60.31 -0.08 0.00	54.25 -0.24 0.00	61.29 -0.67 0.00	62.76 -1.16 0.00	56.19 -1.14 0.00	43.44 -0.78 0.00
ALBANY___3 23573	42.21 -0.13 0.00	35.11 -0.05 0.00	28.65 0.31 0.00	28.37 0.25 0.00	28.61 0.17 0.00	31.85 0.04 0.00	36.14 0.11 0.00	39.75 0.04 0.00	38.86 0.10 0.00	37.90 -0.10 0.00	36.07 -0.24 0.00	35.00 -0.30 0.00	42.06 -0.53 0.00	45.19 -0.63 0.00	51.75 -0.76 0.00	59.05 -1.04 0.00	67.17 -0.93 0.00	66.91 -0.37 0.00	60.31 -0.08 0.00	54.25 -0.24 0.00	61.29 -0.67 0.00	62.76 -1.16 0.00	56.19 -1.14 0.00	43.44 -0.78 0.00
ALBANY___4 23574	42.21 -0.13 0.00	35.11 -0.05 0.00	28.65 0.31 0.00	28.37 0.25 0.00	28.61 0.17 0.00	31.85 0.04 0.00	36.14 0.11 0.00	39.75 0.04 0.00	38.86 0.10 0.00	37.90 -0.10 0.00	36.07 -0.24 0.00	35.00 -0.30 0.00	42.06 -0.53 0.00	45.19 -0.63 0.00	51.75 -0.76 0.00	59.05 -1.04 0.00	67.17 -0.93 0.00	66.91 -0.37 0.00	60.31 -0.08 0.00	54.25 -0.24 0.00	61.29 -0.67 0.00	62.76 -1.16 0.00	56.19 -1.14 0.00	43.44 -0.78 0.00
ALBANY___LFGE 323615	42.70 0.35 0.00	35.49 0.34 0.00	28.93 0.59 0.00	28.64 0.51 0.00	28.87 0.44 0.00	32.16 0.35 0.00	36.51 0.49 0.00	40.18 0.48 0.00	39.27 0.51 0.00	38.33 0.32 0.00	36.48 0.17 0.00	35.41 0.10 0.00	42.58 0.00 0.00	45.78 -0.04 0.00	52.48 -0.04 0.00	59.92 -0.18 0.00	68.21 0.11 0.00	67.96 0.68 0.00	61.26 0.87 0.00	55.10 0.61 0.00	62.22 0.26 0.00	63.69 -0.23 0.00	57.00 -0.32 0.00	44.02 -0.20 0.00
ALCOA_PA_115KV_PL-6C 55860	43.31 0.98 0.00	35.94 0.79 0.00	28.64 0.30 0.00	28.47 0.35 0.00	28.89 0.46 0.00	32.68 0.87 0.00	37.01 0.99 0.00	40.82 1.11 0.00	39.80 1.03 0.00	39.03 1.03 0.00	37.35 1.04 0.00	36.32 1.02 0.00	43.80 1.22 0.00	47.12 1.29 0.00	53.96 1.43 0.00	61.67 1.58 0.00	69.19 1.09 0.00	67.49 0.21 0.00	60.33 -0.06 0.00	54.69 0.20 0.00	62.96 1.00 0.00	65.91 1.99 0.00	59.24 1.91 0.00	45.69 1.47 0.00
ALCOA_RYNLDS___DRP 24188	43.31 0.98 0.00	35.94 0.79 0.00	28.64 0.30 0.00	28.47 0.35 0.00	28.89 0.46 0.00	32.68 0.87 0.00	37.01 0.99 0.00	40.82 1.11 0.00	39.80 1.03 0.00	39.03 1.03 0.00	37.35 1.04 0.00	36.32 1.02 0.00	43.80 1.22 0.00	47.12 1.29 0.00	53.96 1.43 0.00	61.67 1.58 0.00	69.19 1.09 0.00	67.49 0.21 0.00	60.33 -0.06 0.00	54.69 0.20 0.00	62.96 1.00 0.00	65.91 1.99 0.00	59.24 1.91 0.00	45.69 1.47 0.00
ALCOA___DSASP 323711	43.31 0.97 0.00	35.94 0.79 0.00	28.64 0.30 0.00	28.47 0.35 0.00	28.89 0.46 0.00	32.68 0.87 0.00	37.01 0.98 0.00	40.81 1.11 0.00	39.79 1.04 0.00	39.03 1.03 0.00	37.35 1.04 0.00	36.32 1.02 0.00	43.80 1.22 0.00	47.11 1.29 0.00	53.95 1.43 0.00	61.67 1.58 0.00	69.19 1.09 0.00	67.49 0.21 0.00	60.33 -0.06 0.00	54.69 0.20 0.00	62.96 1.00 0.00	65.91 1.99 0.00	59.24 1.91 0.00	45.69 1.47 0.00
ALLEGHENY___COGEN 23514	44.23 1.89 0.00	36.18 1.03 0.00	28.93 0.59 0.00	28.71 0.58 0.00	28.83 0.40 0.00	32.20 0.39 0.00	36.49 0.47 0.00	40.28 0.58 0.00	38.84 0.08 0.00	37.84 -0.16 0.00	36.07 -0.24 0.00	34.61 -0.69 0.00	41.50 -1.08 0.00	45.03 -0.79 0.00	51.94 -0.59 0.00	59.68 -0.42 0.00	67.83 -0.26 0.00	68.29 1.02 0.00	61.83 1.44 0.00	56.60 2.12 0.00	64.08 2.12 0.00	66.53 2.61 0.00	59.80 2.47 0.00	45.67 1.45 0.00
ALTAMONT_115KV_TB 2 55880	42.81 0.47 0.00	35.57 0.42 0.00	28.90 0.56 0.00	28.63 0.51 0.00	28.88 0.45 0.00	32.20 0.39 0.00	36.53 0.51 0.00	40.21 0.51 0.00	39.27 0.50 0.00	38.37 0.37 0.00	36.52 0.21 0.00	35.45 0.15 0.00	42.70 0.12 0.00	45.89 0.06 0.00	52.55 0.03 0.00	61.26 -0.12 -1.29	69.00 0.09 -0.81	67.87 0.59 0.00	61.18 0.79 0.00	55.08 0.59 0.00	62.23 0.27 0.00	63.79 -0.13 0.00	57.17 -0.16 0.00	44.18 -0.03 0.00
ALTONA_WT_PWR 323606	42.50 0.16 0.00	35.35 0.20 0.00	28.38 0.04 0.00	28.24 0.11 0.00	28.66 0.23 0.00	32.23 0.43 0.00	36.62 0.59 0.00	40.50 0.80 0.00	39.57 0.80 0.00	38.72 0.72 0.00	37.07 0.76 0.00	35.99 0.69 0.00	43.40 0.81 0.00	46.70 0.88 0.00	53.50 0.98 0.00	61.36 1.27 0.00	69.30 1.21 0.00	67.65 0.37 0.00	60.58 0.19 0.00	54.81 0.32 0.00	63.01 1.05 0.00	65.23 1.31 0.00	58.49 1.17 0.00	45.02 0.80 0.00
AMERICAN_REF_FUEL 24010	41.25 -1.09 0.00	33.59 -1.56 0.00	26.68 -1.66 0.00	26.50 -1.63 0.00	26.49 -1.94 0.00	29.36 -2.45 0.00	32.92 -3.10 0.00	36.60 -3.10 0.00	35.77 -2.99 0.00	35.54 -2.46 0.00	34.32 -1.99 0.00	33.47 -1.83 0.00	40.42 -2.16 0.00	43.79 -2.03 0.00	50.49 -2.03 0.00	57.81 -2.28 0.00	64.99 -3.11 0.00	65.66 -1.62 0.00	58.74 -1.65 0.00	53.31 -1.18 0.00	59.72 -2.23 0.00	62.75 -1.17 0.00	57.54 0.22 0.00	44.30 0.08 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.72 0.38 0.00	34.66 -0.50 0.00	27.59 -0.74 0.00	27.42 -0.70 0.00	27.43 -1.00 0.00	30.55 -1.26 0.00	34.44 -1.59 0.00	38.32 -1.38 0.00	37.46 -1.30 0.00	37.39 -0.62 0.00	36.10 -0.21 0.00	35.21 -0.09 0.00	42.60 0.02 0.00	46.39 0.57 0.00	53.58 1.06 0.00	61.44 1.35 0.00	68.98 0.89 0.00	69.46 2.18 0.00	62.06 1.68 0.00	56.28 1.79 0.00	62.75 0.80 0.00	65.32 1.40 0.00	59.42 2.09 0.00	45.55 1.34 0.00
ARTHUR KILL_GT_1 23520	44.29 1.95 0.00	36.70 1.55 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.47 1.04 0.00	32.72 0.91 0.00	37.24 1.22 0.00	41.28 1.58 0.00	40.51 1.75 0.00	39.83 1.83 0.00	38.17 1.86 0.00	37.23 1.93 0.00	44.90 2.31 0.00	48.22 2.40 0.00	55.24 2.72 0.00	63.11 3.02 0.00	71.77 3.67 0.00	71.55 4.27 0.00	64.08 3.69 0.00	57.27 2.78 0.00	64.07 2.11 0.00	65.27 1.35 0.00	58.66 1.33 0.00	45.70 1.47 0.00
ARTHUR_KILL_2 23512	44.14 1.80 0.00	36.60 1.44 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.38 0.95 0.00	32.63 0.82 0.00	37.13 1.11 0.00	41.16 1.45 0.00	40.40 1.63 0.00	39.71 1.70 0.00	38.06 1.75 0.00	37.13 1.82 0.00	44.76 2.18 0.00	48.05 2.23 0.00	55.03 2.51 0.00	62.83 2.74 0.00	71.48 3.38 0.00	71.24 3.96 0.00	63.83 3.44 0.00	57.03 2.54 0.00	63.81 1.86 0.00	64.99 1.07 0.00	58.41 1.09 0.00	45.51 1.29 0.00
ARTHUR_KILL_3 23513	43.88 1.54 0.00	36.35 1.20 0.00	29.45 1.11 0.00	29.07 0.95 0.00	29.23 0.80 0.00	32.57 0.76 0.00	37.08 1.06 0.00	41.08 1.38 0.00	40.29 1.53 0.00	39.68 1.68 0.00	38.03 1.72 0.00	37.02 1.72 0.00	44.68 2.10 0.00	47.92 2.10 0.00	54.73 2.21 0.00	62.42 2.33 0.00	71.22 3.12 0.00	71.02 3.75 0.00	63.61 3.22 0.00	56.86 2.38 0.00	63.58 1.62 0.00	64.73 0.82 0.01	58.05 0.73 0.01	45.14 0.92 0.00

ARTHUR_KILL_COGEN 323718	44.29 1.95 0.00	36.71 1.55 0.00	29.70 1.36 0.00	29.32 1.19 0.00	29.47 1.04 0.00	32.72 0.91 0.00	37.25 1.23 0.00	41.28 1.58 0.00	40.51 1.75 0.00	39.84 1.83 0.00	38.17 1.86 0.00	37.23 1.93 0.00	44.90 2.31 0.00	48.21 2.39 0.00	55.24 2.72 0.00	63.10 3.01 0.00	71.77 3.67 0.00	71.55 4.27 0.00	64.08 3.69 0.00	57.27 2.78 0.00	64.08 2.12 0.00	65.28 1.35 0.00	58.65 1.33 0.00	45.70 1.48 0.00
ASHOKAN____ 23654	43.43 1.09 0.00	35.98 0.83 0.00	29.18 0.84 0.00	28.88 0.75 0.00	29.08 0.64 0.00	32.43 0.62 0.00	36.90 0.87 0.00	40.78 1.08 0.00	39.81 1.05 0.00	38.87 0.86 0.00	36.96 0.65 0.00	35.86 0.56 0.00	43.17 0.58 0.00	46.45 0.63 0.00	53.29 0.77 0.00	40.67 1.18 20.60	57.12 1.90 12.87	69.88 2.60 0.00	63.19 2.80 0.00	56.85 2.36 0.00	63.99 2.04 0.00	65.31 1.39 0.00	58.28 0.96 0.00	44.88 0.66 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.96 1.63 0.01	36.47 1.32 0.00	29.56 1.22 0.00	29.19 1.07 0.00	29.32 0.89 0.01	32.68 0.87 0.00	37.18 1.15 0.00	41.25 1.54 0.00	40.49 1.73 0.00	39.83 1.83 0.00	38.19 1.88 0.00	37.15 1.85 0.00	44.86 2.27 0.00	48.13 2.31 0.00	54.96 2.44 0.00	62.79 2.70 0.00	71.56 3.46 0.00	71.40 4.13 0.00	63.83 3.44 0.00	57.07 2.58 0.00	63.87 1.91 0.00	65.04 1.12 0.00	58.45 1.13 0.00	45.46 1.25 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.96 1.63 0.01	36.47 1.32 0.00	29.56 1.22 0.00	29.19 1.07 0.00	29.32 0.89 0.01	32.68 0.87 0.00	37.18 1.15 0.00	41.25 1.54 0.00	40.49 1.73 0.00	39.83 1.83 0.00	38.19 1.88 0.00	37.15 1.85 0.00	44.86 2.27 0.00	48.13 2.31 0.00	54.96 2.44 0.00	62.79 2.70 0.00	71.56 3.46 0.00	71.40 4.13 0.00	63.83 3.44 0.00	57.07 2.58 0.00	63.87 1.91 0.00	65.04 1.12 0.00	58.45 1.13 0.00	45.46 1.25 0.00
ASTORIA_GT2_1 24094	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT2_2 24095	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT2_3 24096	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT2_4 24097	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT3_1 24098	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT3_2 24099	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT3_3 24100	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT3_4 24101	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT4_1 24102	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT4_2 24103	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT4_3 24104	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00

ASTORIA_GT4_4 24105	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.69 0.89 0.00	37.18 1.16 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.85 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.45 4.17 0.00	63.86 3.47 0.00	57.10 2.61 0.00	63.90 1.94 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA_GT_1 23523	44.08 1.74 0.01	36.55 1.40 0.00	29.61 1.27 0.00	29.25 1.13 0.00	29.39 0.96 0.01	32.75 0.94 0.00	37.25 1.23 0.00	41.35 1.64 0.00	40.60 1.83 0.00	39.94 1.93 0.00	38.30 1.99 0.00	37.26 1.96 0.00	45.00 2.42 0.00	48.29 2.46 0.00	55.15 2.63 0.00	63.00 2.91 0.00	71.81 3.72 0.00	71.66 4.38 0.00	64.03 3.64 0.00	57.25 2.76 0.00	64.06 2.11 0.00	65.27 1.35 0.00	58.64 1.31 0.00	45.60 1.38 0.00
ASTORIA_GT_10 24110	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.25 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.96 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.83 2.73 0.00	71.62 3.53 0.00	71.42 4.14 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.87 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.37 1.15 0.00
ASTORIA_GT_11 24225	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.25 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.96 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.83 2.73 0.00	71.62 3.53 0.00	71.42 4.14 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.87 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.37 1.15 0.00
ASTORIA_GT_12 24226	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.25 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.96 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.83 2.73 0.00	71.62 3.53 0.00	71.42 4.14 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.87 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.37 1.15 0.00
ASTORIA_GT_13 24227	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.25 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.96 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.83 2.73 0.00	71.62 3.53 0.00	71.42 4.14 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.87 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.37 1.15 0.00
ASTORIA_GT_5 24106	44.08 1.74 0.01	36.55 1.40 0.00	29.61 1.27 0.00	29.25 1.13 0.00	29.39 0.96 0.01	32.75 0.94 0.00	37.25 1.23 0.00	41.35 1.64 0.00	40.60 1.83 0.00	39.94 1.93 0.00	38.30 1.99 0.00	37.26 1.96 0.00	45.00 2.42 0.00	48.29 2.46 0.00	55.15 2.63 0.00	63.00 2.91 0.00	71.81 3.72 0.00	71.66 4.38 0.00	64.03 3.64 0.00	57.25 2.76 0.00	64.06 2.11 0.00	65.27 1.35 0.00	58.64 1.31 0.00	45.60 1.38 0.00
ASTORIA_GT_7 24107	44.08 1.74 0.01	36.55 1.40 0.00	29.61 1.27 0.00	29.25 1.13 0.00	29.39 0.96 0.01	32.75 0.94 0.00	37.25 1.23 0.00	41.35 1.64 0.00	40.60 1.83 0.00	39.94 1.93 0.00	38.30 1.99 0.00	37.26 1.96 0.00	45.00 2.42 0.00	48.29 2.46 0.00	55.15 2.63 0.00	63.00 2.91 0.00	71.81 3.72 0.00	71.66 4.38 0.00	64.03 3.64 0.00	57.25 2.76 0.00	64.06 2.11 0.00	65.27 1.35 0.00	58.64 1.31 0.00	45.60 1.38 0.00
ASTORIA_GT_8 24108	44.08 1.74 0.01	36.55 1.40 0.00	29.61 1.27 0.00	29.25 1.13 0.00	29.39 0.96 0.01	32.75 0.94 0.00	37.25 1.23 0.00	41.35 1.64 0.00	40.60 1.83 0.00	39.94 1.93 0.00	38.30 1.99 0.00	37.26 1.96 0.00	45.00 2.42 0.00	48.29 2.46 0.00	55.15 2.63 0.00	63.00 2.91 0.00	71.81 3.72 0.00	71.66 4.38 0.00	64.03 3.64 0.00	57.25 2.76 0.00	64.06 2.11 0.00	65.27 1.35 0.00	58.64 1.31 0.00	45.60 1.38 0.00
ASTORIA___2 24149	43.99 1.66 0.01	36.48 1.33 0.00	29.56 1.23 0.00	29.20 1.08 0.00	29.33 0.90 0.01	32.70 0.89 0.00	37.19 1.17 0.00	41.26 1.56 0.00	40.51 1.75 0.00	39.86 1.85 0.00	38.21 1.90 0.00	37.16 1.86 0.00	44.89 2.30 0.00	48.16 2.34 0.00	54.99 2.47 0.00	62.82 2.73 0.00	71.61 3.51 0.00	71.46 4.18 0.00	63.85 3.47 0.00	57.10 2.61 0.00	63.90 1.95 0.00	65.09 1.17 0.00	58.49 1.16 0.00	45.49 1.28 0.00
ASTORIA___3 23516	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.32 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.26 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.29 1.98 0.00	37.26 1.95 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.82 2.73 0.00	71.61 3.52 0.00	71.42 4.15 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.88 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.36 1.15 0.00
ASTORIA___4 23517	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.25 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.96 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.83 2.73 0.00	71.61 3.52 0.00	71.42 4.14 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.87 0.00	64.97 1.05 0.00	58.31 0.99 0.00	45.37 1.15 0.00
ASTORIA___5 23518	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.32 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.26 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.95 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.82 2.73 0.00	71.62 3.52 0.00	71.42 4.15 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.88 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.36 1.15 0.00
AST_ENERGY_2_CC3 323677	43.97 1.63 0.00	36.42 1.26 0.00	29.55 1.21 0.00	29.18 1.06 0.00	29.34 0.90 0.00	32.66 0.85 0.00	37.16 1.14 0.00	41.18 1.48 0.00	40.40 1.64 0.00	39.79 1.78 0.00	38.13 1.82 0.00	37.15 1.85 0.00	44.86 2.27 0.00	48.11 2.29 0.00	54.94 2.42 0.00	62.74 2.65 0.00	71.59 3.49 0.00	71.40 4.12 0.00	63.89 3.50 0.00	57.10 2.61 0.00	63.89 1.93 0.00	65.05 1.13 0.00	58.32 1.00 0.00	45.31 1.10 0.00
AST_ENERGY_2_CC4 323678	43.97 1.63 0.00	36.42 1.26 0.00	29.55 1.21 0.00	29.18 1.06 0.00	29.34 0.90 0.00	32.66 0.85 0.00	37.16 1.14 0.00	41.18 1.48 0.00	40.40 1.64 0.00	39.79 1.78 0.00	38.13 1.82 0.00	37.15 1.85 0.00	44.86 2.27 0.00	48.11 2.29 0.00	54.94 2.42 0.00	62.74 2.65 0.00	71.59 3.49 0.00	71.40 4.12 0.00	63.89 3.50 0.00	57.10 2.61 0.00	63.89 1.93 0.00	65.05 1.13 0.00	58.32 1.00 0.00	45.31 1.10 0.00

ATHENS_STG_1 23668	42.94 0.60 0.00	35.68 0.53 0.00	28.99 0.65 0.00	28.72 0.59 0.00	28.93 0.50 0.00	32.23 0.43 0.00	36.60 0.58 0.00	40.35 0.64 0.00	39.41 0.64 0.00	38.62 0.62 0.00	36.84 0.53 0.00	35.82 0.52 0.00	43.20 0.61 0.00	46.40 0.58 0.00	53.09 0.57 0.00	60.62 0.52 0.00	68.98 0.88 0.00	68.65 1.37 0.00	61.75 1.36 0.00	55.46 0.97 0.00	62.45 0.50 0.00	63.90 -0.02 0.00	57.30 -0.03 0.00	44.36 0.14 0.00
ATHENS_STG_2 23670	42.94 0.60 0.00	35.68 0.53 0.00	28.99 0.65 0.00	28.72 0.59 0.00	28.93 0.50 0.00	32.23 0.43 0.00	36.60 0.58 0.00	40.35 0.64 0.00	39.41 0.64 0.00	38.62 0.62 0.00	36.84 0.53 0.00	35.82 0.52 0.00	43.20 0.61 0.00	46.40 0.58 0.00	53.09 0.57 0.00	60.62 0.52 0.00	68.98 0.88 0.00	68.65 1.37 0.00	61.75 1.36 0.00	55.46 0.97 0.00	62.45 0.50 0.00	63.90 -0.02 0.00	57.30 -0.03 0.00	44.36 0.14 0.00
ATHENS_STG_3 23677	42.94 0.60 0.00	35.68 0.53 0.00	28.99 0.65 0.00	28.72 0.59 0.00	28.93 0.50 0.00	32.23 0.43 0.00	36.60 0.58 0.00	40.35 0.64 0.00	39.41 0.64 0.00	38.62 0.62 0.00	36.84 0.53 0.00	35.82 0.52 0.00	43.20 0.61 0.00	46.40 0.58 0.00	53.09 0.57 0.00	60.62 0.52 0.00	68.98 0.88 0.00	68.65 1.37 0.00	61.75 1.36 0.00	55.46 0.97 0.00	62.45 0.50 0.00	63.90 -0.02 0.00	57.30 -0.03 0.00	44.36 0.14 0.00
AUBURN___LFGE 323710	42.55 0.21 0.00	35.22 0.06 0.00	28.36 0.03 0.00	28.15 0.03 0.00	28.39 -0.04 0.00	31.75 -0.06 0.00	35.76 -0.26 0.00	39.39 -0.32 0.00	38.37 -0.39 0.00	37.63 -0.38 0.00	35.97 -0.34 0.00	34.97 -0.33 0.00	42.33 -0.25 0.00	45.69 -0.13 0.00	52.53 0.01 0.00	60.24 0.15 0.00	68.43 0.33 0.00	68.48 1.20 0.00	61.70 1.32 0.00	55.84 1.35 0.00	62.74 0.79 0.00	64.81 0.89 0.00	58.08 0.75 0.00	44.62 0.40 0.00
BABYLON_RES_REC 323704	44.14 1.80 0.00	36.57 1.41 0.00	29.64 1.30 0.00	29.23 1.11 0.00	29.39 0.96 0.00	32.67 0.86 0.00	37.05 1.03 0.00	41.15 1.45 0.00	40.40 1.64 0.00	39.78 1.78 0.00	38.15 1.84 0.00	37.30 2.00 0.00	45.04 2.42 -0.03	47.82 2.00 0.00	54.53 2.02 0.00	62.34 2.25 0.00	71.44 3.34 0.00	71.33 4.06 0.00	63.49 3.10 0.00	56.14 1.66 0.00	62.36 0.56 0.16	58.50 -0.26 5.15	26.55 0.10 30.88	45.07 0.85 0.00
BALL_HILL_WT_PWR 323825	42.22 -0.12 0.00	34.31 -0.84 0.00	27.33 -1.02 0.00	27.13 -0.99 0.00	27.16 -1.27 0.00	30.19 -1.62 0.00	33.95 -2.08 0.00	37.71 -1.99 0.00	36.86 -1.90 0.00	36.73 -1.28 0.00	35.46 -0.85 0.00	34.57 -0.73 0.00	41.80 -0.79 0.00	45.44 -0.38 0.00	52.45 -0.07 0.00	60.14 0.04 0.00	67.63 -0.46 0.00	68.23 0.95 0.00	60.99 0.60 0.00	55.33 0.84 0.00	61.84 -0.11 0.00	64.56 0.64 0.00	58.77 1.44 0.00	45.09 0.87 0.00
BARON_WINDS___WT_PWR 323822	42.39 0.04 0.00	34.66 -0.50 0.00	27.78 -0.57 0.00	27.58 -0.55 0.00	27.69 -0.74 0.00	30.91 -0.90 0.00	34.89 -1.14 0.00	38.58 -1.12 0.00	37.47 -1.29 0.00	36.94 -1.07 0.00	35.46 -0.85 0.00	34.50 -0.80 0.00	41.58 -1.01 0.00	45.11 -0.71 0.00	51.98 -0.54 0.00	59.75 -0.35 0.00	67.54 -0.56 0.00	67.97 0.69 0.00	60.90 0.52 0.00	55.23 0.74 0.00	62.01 0.05 0.00	64.33 0.41 0.00	58.17 0.85 0.00	44.59 0.37 0.00
BARRETT_IC_1 23704	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_10 23701	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_11 23702	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_12 23703	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_2 23705	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_3 23706	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_4 23707	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_5 23708	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00

BARRETT_IC_6 23709	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_7 23710	43.92 1.59 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.56 0.75 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.45 1.44 0.00	38.09 1.78 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.01 2.19 0.00	54.70 2.18 0.00	62.51 2.42 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.18 -0.02	70.36 0.47 -5.97	61.16 0.56 -3.28	45.05 0.83 0.00
BARRETT_IC_8 23711	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT_IC_9 23700	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT___1 23545	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BARRETT___2 23546	43.92 1.58 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.09 0.97 0.00	29.25 0.82 0.00	32.55 0.74 0.00	36.87 0.85 0.00	40.84 1.14 0.00	40.05 1.29 0.00	39.46 1.45 0.00	38.09 1.77 0.00	37.36 2.06 0.00	45.11 2.49 -0.03	48.00 2.18 0.00	54.70 2.19 0.00	62.50 2.41 0.00	71.48 3.38 0.00	71.29 4.01 0.00	63.55 3.16 0.00	56.57 2.08 0.00	63.15 1.17 -0.02	70.36 0.47 -5.97	61.14 0.53 -3.28	45.05 0.83 0.00
BATAVIA___115KV_TB1 55881	42.88 0.54 0.00	34.99 -0.17 0.00	27.85 -0.48 0.00	27.63 -0.49 0.00	27.70 -0.73 0.00	30.82 -0.99 0.00	34.74 -1.28 0.00	38.56 -1.14 0.00	37.60 -1.16 0.00	37.17 -0.83 0.00	35.74 -0.57 0.00	34.79 -0.51 0.00	42.05 -0.54 0.00	45.61 -0.21 0.00	52.65 0.13 0.00	60.39 0.30 0.00	68.32 0.22 0.00	69.40 2.12 0.00	62.26 1.87 0.00	56.51 2.02 0.00	63.50 1.54 0.00	66.19 2.27 0.00	60.01 2.69 0.00	45.98 1.76 0.00
BAYONEEC___CTG1 323682	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG10 323750	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG2 323683	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG3 323684	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG4 323685	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG5 323686	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG6 323687	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG7 323688	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00

BAYONEEC___CTG8 323689	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BAYONEEC___CTG9 323749	44.06 1.72 0.00	36.48 1.33 0.00	29.57 1.23 0.00	29.20 1.08 0.00	29.35 0.92 0.00	32.69 0.88 0.00	37.21 1.18 0.00	41.23 1.53 0.00	40.45 1.69 0.00	39.84 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.17 2.35 0.00	54.99 2.47 0.00	62.76 2.67 0.00	71.61 3.51 0.00	71.41 4.13 0.00	63.90 3.52 0.00	57.13 2.64 0.00	63.91 1.95 0.00	65.08 1.16 0.00	58.36 1.03 0.00	45.37 1.15 0.00
BEACON___LESR 323632	42.85 0.51 0.00	35.59 0.43 0.00	28.96 0.62 0.00	28.68 0.55 0.00	28.96 0.53 0.00	32.27 0.46 0.00	36.66 0.63 0.00	40.35 0.64 0.00	39.47 0.71 0.00	38.45 0.45 0.00	36.56 0.25 0.00	35.46 0.16 0.00	42.66 0.08 0.00	45.89 0.07 0.00	52.60 0.08 0.00	60.00 -0.09 0.00	68.31 0.21 0.00	68.05 0.78 0.00	61.42 1.03 0.00	55.22 0.74 0.00	62.41 0.46 0.00	63.77 -0.15 0.00	57.09 -0.24 0.00	44.02 -0.19 0.00
BEAVER RIVER___HYD 24048	43.17 0.83 0.00	35.96 0.81 0.00	29.01 0.67 0.00	29.06 0.94 0.00	29.55 1.12 0.00	33.36 1.55 0.00	37.70 1.68 0.00	41.52 1.82 0.00	40.28 1.52 0.00	39.30 1.30 0.00	37.40 1.09 0.00	36.15 0.85 0.00	43.47 0.88 0.00	46.94 1.12 0.00	53.71 1.19 0.00	61.34 1.25 0.00	69.54 1.44 0.00	69.23 1.95 0.00	62.62 2.23 0.00	57.37 2.88 0.00	65.81 3.85 0.00	68.50 4.58 0.00	61.35 4.03 0.00	47.03 2.81 0.00
BEEBEE_GT_13 23619	42.36 0.02 0.00	34.83 -0.32 0.00	27.89 -0.45 0.00	27.66 -0.46 0.00	27.82 -0.61 0.00	31.02 -0.79 0.00	35.01 -1.01 0.00	38.75 -0.95 0.00	37.86 -0.91 0.00	37.39 -0.61 0.00	35.91 -0.40 0.00	34.99 -0.31 0.00	42.34 -0.24 0.00	45.82 0.00 0.00	52.79 0.27 0.00	60.58 0.48 0.00	68.66 0.56 0.00	68.89 1.61 0.00	61.80 1.41 0.00	55.83 1.34 0.00	62.80 0.85 0.00	65.02 1.10 0.00	58.46 1.13 0.00	44.82 0.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.54 2.20 0.00	36.88 1.73 0.00	29.85 1.51 0.00	29.46 1.34 0.00	29.61 1.18 0.00	32.97 1.16 0.00	37.52 1.50 0.00	41.62 1.92 0.00	40.87 2.11 0.00	40.22 2.21 0.00	38.58 2.27 0.00	37.58 2.28 0.00	45.37 2.78 0.00	48.74 2.92 0.00	55.80 3.28 0.00	63.68 3.59 0.00	72.50 4.40 0.00	72.31 5.04 0.00	64.72 4.33 0.00	57.81 3.32 0.00	64.64 2.69 0.00	65.83 1.91 0.00	59.13 1.81 0.00	46.02 1.80 0.00
BETHLEHEM___GRP 23843	42.21 -0.13 0.00	35.11 -0.05 0.00	28.65 0.31 0.00	28.37 0.25 0.00	28.61 0.17 0.00	31.85 0.04 0.00	36.14 0.11 0.00	39.75 0.04 0.00	38.86 0.10 0.00	37.90 -0.10 0.00	36.07 -0.24 0.00	35.00 -0.30 0.00	42.06 -0.53 0.00	45.19 -0.63 0.00	51.75 -0.76 0.00	59.05 -1.04 0.00	67.17 -0.93 0.00	66.91 -0.37 0.00	60.31 -0.08 0.00	54.25 -0.24 0.00	61.29 -0.67 0.00	62.76 -1.16 0.00	56.19 -1.14 0.00	43.44 -0.78 0.00
BETHLEHEM___GS1 323560	42.21 -0.13 0.00	35.11 -0.05 0.00	28.65 0.31 0.00	28.37 0.24 0.00	28.61 0.17 0.00	31.85 0.04 0.00	36.14 0.11 0.00	39.75 0.05 0.00	38.86 0.10 0.00	37.90 -0.10 0.00	36.07 -0.24 0.00	35.00 -0.30 0.00	42.06 -0.52 0.00	45.19 -0.64 0.00	51.76 -0.76 0.00	59.05 -1.04 0.00	67.17 -0.92 0.00	66.91 -0.37 0.00	60.31 -0.08 0.00	54.25 -0.24 0.00	61.29 -0.67 0.00	62.75 -1.17 0.00	56.19 -1.14 0.00	43.44 -0.78 0.00
BETHLEHEM___GS2 323561	42.21 -0.13 0.00	35.11 -0.05 0.00	28.65 0.31 0.00	28.37 0.24 0.00	28.61 0.17 0.00	31.85 0.04 0.00	36.14 0.11 0.00	39.75 0.05 0.00	38.86 0.10 0.00	37.90 -0.10 0.00	36.07 -0.24 0.00	35.00 -0.30 0.00	42.06 -0.52 0.00	45.19 -0.64 0.00	51.76 -0.76 0.00	59.05 -1.04 0.00	67.17 -0.92 0.00	66.91 -0.37 0.00	60.31 -0.08 0.00	54.25 -0.24 0.00	61.29 -0.67 0.00	62.75 -1.17 0.00	56.19 -1.14 0.00	43.44 -0.78 0.00
BETHLEHEM___GS3 323562	42.21 -0.13 0.00	35.11 -0.05 0.00	28.65 0.31 0.00	28.37 0.24 0.00	28.61 0.17 0.00	31.85 0.04 0.00	36.14 0.11 0.00	39.75 0.05 0.00	38.86 0.10 0.00	37.90 -0.10 0.00	36.07 -0.24 0.00	35.00 -0.30 0.00	42.06 -0.52 0.00	45.19 -0.64 0.00	51.76 -0.76 0.00	59.05 -1.04 0.00	67.17 -0.92 0.00	66.91 -0.37 0.00	60.31 -0.08 0.00	54.25 -0.24 0.00	61.29 -0.67 0.00	62.75 -1.17 0.00	56.19 -1.14 0.00	43.44 -0.78 0.00
BETHLEHEM___STEEL 23779	42.19 -0.15 0.00	34.32 -0.83 0.00	27.30 -1.04 0.00	27.10 -1.03 0.00	27.12 -1.32 0.00	30.10 -1.71 0.00	33.84 -2.18 0.00	37.63 -2.08 0.00	36.82 -1.94 0.00	36.67 -1.34 0.00	35.39 -0.92 0.00	34.52 -0.79 0.00	41.74 -0.85 0.00	45.32 -0.50 0.00	52.31 -0.21 0.00	59.94 -0.15 0.00	67.50 -0.60 0.00	68.09 0.81 0.00	60.87 0.48 0.00	55.18 0.69 0.00	61.76 -0.20 0.00	64.59 0.67 0.00	58.75 1.43 0.00	45.09 0.87 0.00
BETHLHEM_115KV_TB1 79974	42.32 -0.02 0.00	35.21 0.05 0.00	28.70 0.36 0.00	28.43 0.30 0.00	28.66 0.23 0.00	31.92 0.11 0.00	36.22 0.20 0.00	39.84 0.13 0.00	38.95 0.19 0.00	38.01 0.00 0.00	36.18 -0.13 0.00	35.10 -0.20 0.00	42.20 -0.39 0.00	45.35 -0.47 0.00	51.94 -0.58 0.00	59.24 -0.85 0.00	67.36 -0.74 0.00	67.11 -0.17 0.00	60.48 0.09 0.00	54.40 -0.09 0.00	61.46 -0.50 0.00	62.94 -0.98 0.00	56.37 -0.96 0.00	43.57 -0.64 0.00
BETHPAGE_CC_5 323564	44.00 1.66 0.00	36.46 1.31 0.00	29.54 1.20 0.00	29.14 1.01 0.00	29.29 0.86 0.00	32.58 0.77 0.00	36.96 0.94 0.00	41.02 1.31 0.00	40.26 1.50 0.00	39.66 1.65 0.00	38.14 1.83 0.00	37.36 2.06 0.00	45.18 2.56 -0.03	48.06 2.24 0.00	54.83 2.31 0.00	62.66 2.57 0.00	71.69 3.59 0.00	71.47 4.20 0.00	63.68 3.29 0.00	56.58 2.10 0.00	62.91 1.10 0.15	59.68 0.29 4.54	29.49 0.30 28.14	44.85 0.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.27 -0.07 0.00	34.39 -0.77 0.00	27.35 -0.99 0.00	27.14 -0.98 0.00	27.17 -1.26 0.00	30.16 -1.65 0.00	33.92 -2.10 0.00	37.73 -1.97 0.00	36.93 -1.83 0.00	36.77 -1.24 0.00	35.50 -0.82 0.00	34.63 -0.68 0.00	41.89 -0.70 0.00	45.49 -0.33 0.00	52.51 -0.01 0.00	60.17 0.08 0.00	67.77 -0.33 0.00	68.36 1.08 0.00	61.08 0.69 0.00	55.37 0.89 0.00	61.98 0.02 0.00	64.78 0.85 0.00	58.90 1.58 0.00	45.19 0.97 0.00
BINGHAMTON___COGEN 23790	42.41 0.06 0.00	34.97 -0.19 0.00	28.17 -0.17 0.00	27.95 -0.17 0.00	28.17 -0.27 0.00	31.48 -0.33 0.00	35.62 -0.40 0.00	39.31 -0.39 0.00	38.33 -0.44 0.00	37.67 -0.33 0.00	36.08 -0.23 0.00	35.11 -0.19 0.00	42.40 -0.19 0.00	45.77 -0.05 0.00	52.62 0.10 0.00	60.41 0.32 0.00	68.49 0.39 0.00	68.42 1.15 0.00	61.35 0.96 0.00	55.42 0.94 0.00	62.38 0.42 0.00	64.26 0.33 0.00	57.78 0.45 0.00	44.39 0.17 0.00

BIXINCNT_115KV_LOAD 355685	42.57 0.23 0.00	34.61 -0.54 0.00	27.58 -0.76 0.00	27.38 -0.74 0.00	27.41 -1.02 0.00	30.48 -1.33 0.00	34.43 -1.60 0.00	38.34 -1.36 0.00	37.49 -1.27 0.00	37.26 -0.75 0.00	35.96 -0.35 0.00	35.08 -0.22 0.00	42.38 -0.21 0.00	46.01 0.19 0.00	53.04 0.52 0.00	60.64 0.54 0.00	68.28 0.18 0.00	68.78 1.50 0.00	61.41 1.03 0.00	55.61 1.13 0.00	62.29 0.33 0.00	64.95 1.03 0.00	59.13 1.80 0.00	45.39 1.17 0.00
BLACK RIVER___HYD 24047	43.42 1.08 0.00	36.16 1.01 0.00	29.21 0.87 0.00	29.28 1.16 0.00	29.79 1.36 0.00	33.62 1.81 0.00	37.97 1.94 0.00	41.82 2.11 0.00	40.51 1.75 0.00	39.53 1.52 0.00	37.56 1.25 0.00	36.19 0.89 0.00	43.49 0.90 0.00	47.01 1.19 0.00	53.80 1.28 0.00	61.43 1.33 0.00	69.95 1.85 0.00	69.87 2.59 0.00	63.35 2.96 0.00	58.41 3.92 0.00	67.06 5.11 0.00	69.67 5.75 0.00	62.29 4.96 0.00	47.59 3.38 0.00
BLACKRVR_115KV_TB2 79977	43.42 1.08 0.00	36.16 1.01 0.00	29.21 0.87 0.00	29.28 1.16 0.00	29.78 1.35 0.00	33.62 1.81 0.00	37.97 1.95 0.00	41.82 2.12 0.00	40.51 1.75 0.00	39.53 1.53 0.00	37.56 1.25 0.00	36.19 0.89 0.00	43.48 0.90 0.00	47.01 1.19 0.00	53.80 1.28 0.00	61.43 1.33 0.00	69.95 1.85 0.00	69.87 2.59 0.00	63.35 2.96 0.00	58.41 3.92 0.00	67.07 5.11 0.00	69.67 5.75 0.00	62.29 4.96 0.00	47.59 3.38 0.00
BLDWN_LI_69_KV_BK4 356085	44.28 1.94 0.00	36.64 1.48 0.00	29.68 1.34 0.00	29.27 1.15 0.00	29.43 1.00 0.00	32.74 0.94 0.00	37.13 1.11 0.00	41.19 1.48 0.00	40.41 1.65 0.00	39.81 1.81 0.00	38.38 2.07 0.00	37.64 2.34 0.00	45.50 2.88 -0.03	48.49 2.67 0.00	55.35 2.83 0.00	63.30 3.20 0.00	72.24 4.15 0.00	71.92 4.64 0.00	64.25 3.86 0.00	57.22 2.73 0.00	63.77 1.89 0.08	64.11 1.27 1.08	42.76 1.15 15.72	45.43 1.21 0.00
BLISS_WT_PWR 323608	42.58 0.23 0.00	34.61 -0.54 0.00	27.58 -0.76 0.00	27.38 -0.74 0.00	27.41 -1.02 0.00	30.48 -1.33 0.00	34.43 -1.59 0.00	38.36 -1.35 0.00	37.50 -1.26 0.00	37.27 -0.74 0.00	35.99 -0.32 0.00	35.11 -0.19 0.00	42.41 -0.18 0.00	46.04 0.22 0.00	53.07 0.55 0.00	60.69 0.60 0.00	68.32 0.22 0.00	68.82 1.54 0.00	61.44 1.06 0.00	55.63 1.14 0.00	62.29 0.33 0.00	64.95 1.03 0.00	59.12 1.79 0.00	45.38 1.17 0.00
BLUESTONE___WT_PWR 323821	44.22 1.88 0.00	36.42 1.26 0.00	29.30 0.96 0.00	29.08 0.96 0.00	29.32 0.89 0.00	32.87 1.06 0.00	37.18 1.16 0.00	41.05 1.35 0.00	39.88 1.12 0.00	39.24 1.24 0.00	37.54 1.23 0.00	36.51 1.21 0.00	44.13 1.55 0.00	47.63 1.81 0.00	54.83 2.31 0.00	63.01 2.92 0.00	71.78 3.68 0.00	71.87 4.59 0.00	64.75 4.36 0.00	58.61 4.12 0.00	65.99 4.03 0.00	67.81 3.89 0.00	60.68 3.35 0.00	46.47 2.25 0.00
BLUE_CIRC_CHEM_DRP 24182	42.88 0.54 0.00	35.66 0.51 0.00	29.02 0.68 0.00	28.77 0.65 0.00	29.01 0.58 0.00	32.33 0.52 0.00	36.64 0.62 0.00	40.25 0.55 0.00	39.24 0.48 0.00	38.25 0.24 0.00	36.33 0.02 0.00	35.19 -0.11 0.00	42.31 -0.28 0.00	45.45 -0.38 0.00	51.96 -0.56 0.00	36.79 -1.49 21.81	52.81 -1.66 13.63	66.00 -1.27 0.00	59.67 -0.72 0.00	53.77 -0.71 0.00	60.85 -1.10 0.00	62.41 -1.51 0.00	55.89 -1.43 0.00	43.21 -1.01 0.00
BOC_GAS_DRP 24189	42.62 0.28 0.00	35.43 0.28 0.00	28.81 0.47 0.00	28.54 0.42 0.00	28.79 0.36 0.00	32.08 0.27 0.00	36.39 0.36 0.00	40.06 0.35 0.00	39.12 0.36 0.00	38.26 0.26 0.00	36.45 0.14 0.00	35.38 0.08 0.00	42.60 0.01 0.00	45.76 -0.07 0.00	52.39 -0.12 0.00	61.15 -0.35 -1.41	68.77 -0.20 -0.88	67.51 0.24 0.00	60.78 0.39 0.00	54.69 0.20 0.00	61.77 -0.19 0.00	63.32 -0.60 0.00	56.76 -0.57 0.00	43.90 -0.32 0.00
BOONVILLE_115KV_TB1 79983	43.13 0.79 0.00	35.85 0.70 0.00	28.96 0.62 0.00	28.85 0.73 0.00	29.23 0.80 0.00	32.84 1.03 0.00	37.18 1.16 0.00	40.95 1.25 0.00	39.84 1.08 0.00	38.94 0.94 0.00	37.11 0.80 0.00	35.98 0.68 0.00	43.36 0.77 0.00	46.82 1.00 0.00	53.65 1.13 0.00	61.39 1.30 0.00	69.82 1.72 0.00	69.57 2.29 0.00	62.78 2.40 0.00	57.04 2.55 0.00	64.92 2.97 0.00	67.05 3.12 0.00	59.99 2.67 0.00	46.07 1.85 0.00
BORALEX_4TH_BRANCH 23824	43.80 1.45 0.00	36.41 1.26 0.00	29.56 1.22 0.00	29.28 1.15 0.00	29.56 1.13 0.00	32.92 1.11 0.00	37.29 1.27 0.00	41.13 1.42 0.00	40.23 1.47 0.00	39.15 1.15 0.00	36.99 0.67 0.00	35.85 0.55 0.00	43.16 0.58 0.00	46.36 0.54 0.00	53.08 0.56 0.00	60.65 0.56 0.00	69.09 1.00 0.00	69.06 1.79 0.00	62.35 1.96 0.00	56.24 1.75 0.00	63.65 1.69 0.00	65.16 1.24 0.00	58.44 1.11 0.00	45.09 0.87 0.00
BOWLINE___1 23526	43.58 1.24 0.00	36.01 0.86 0.00	29.16 0.82 0.00	28.84 0.72 0.00	29.06 0.62 0.00	32.40 0.59 0.00	36.87 0.85 0.00	40.82 1.12 0.00	39.98 1.22 0.00	39.29 1.28 0.00	37.63 1.32 0.00	36.65 1.35 0.00	44.26 1.68 0.00	47.53 1.71 0.00	54.33 1.81 0.00	62.06 1.96 0.00	70.81 2.72 0.00	70.63 3.36 0.00	63.31 2.92 0.00	56.66 2.17 0.00	63.45 1.49 0.00	64.66 0.74 0.00	57.98 0.65 0.00	44.95 0.73 0.00
BOWLINE___2 23595	43.59 1.25 0.00	36.01 0.86 0.00	29.16 0.82 0.00	28.84 0.72 0.00	29.06 0.62 0.00	32.40 0.59 0.00	36.87 0.85 0.00	40.82 1.12 0.00	39.98 1.22 0.00	39.29 1.29 0.00	37.63 1.32 0.00	36.65 1.35 0.00	44.25 1.67 0.00	47.49 1.67 0.00	54.29 1.77 0.00	61.98 1.89 0.00	70.70 2.60 0.00	70.52 3.25 0.00	63.21 2.82 0.00	56.56 2.07 0.00	63.35 1.40 0.00	64.55 0.63 0.00	57.87 0.54 0.00	44.88 0.66 0.00
BRADY___115KV_TB2 356060	43.97 1.63 0.00	36.48 1.33 0.00	29.04 0.70 0.00	28.87 0.75 0.00	29.33 0.90 0.00	33.22 1.41 0.00	37.62 1.60 0.00	41.41 1.71 0.00	40.15 1.39 0.00	39.26 1.25 0.00	37.54 1.23 0.00	36.49 1.19 0.00	44.01 1.42 0.00	47.34 1.52 0.00	54.16 1.64 0.00	61.90 1.80 0.00	69.38 1.28 0.00	67.89 0.61 0.00	60.83 0.44 0.00	55.44 0.96 0.00	64.06 2.10 0.00	67.19 3.27 0.00	60.41 3.09 0.00	46.54 2.32 0.00
BRANSCOMB___SOLAR 323811	44.00 1.66 0.00	36.54 1.39 0.00	29.61 1.27 0.00	29.33 1.21 0.00	29.61 1.18 0.00	33.03 1.22 0.00	37.51 1.49 0.00	41.32 1.62 0.00	40.30 1.54 0.00	39.25 1.24 0.00	37.06 0.75 0.00	35.92 0.62 0.00	43.27 0.68 0.00	46.53 0.71 0.00	53.40 0.88 0.00	61.24 1.15 0.00	69.96 1.86 0.00	69.95 2.68 0.00	63.45 3.06 0.00	57.28 2.79 0.00	64.69 2.73 0.00	66.15 2.23 0.00	59.18 1.85 0.00	45.55 1.33 0.00
BRDGHMPT_69_KV_BK1 55812	45.17 2.83 0.00	37.31 2.16 0.00	30.26 1.92 0.00	29.85 1.73 0.00	30.01 1.58 0.00	33.33 1.52 0.00	37.83 1.81 0.00	42.07 2.37 0.00	41.47 2.70 0.00	40.88 2.87 0.00	39.50 3.19 0.00	39.04 3.74 0.00	47.29 4.67 -0.03	50.25 4.43 0.00	57.05 4.53 0.00	65.21 5.12 0.00	75.05 6.95 0.00	75.23 7.95 0.00	66.81 6.42 0.00	58.92 4.43 0.00	65.13 3.36 0.19	60.66 2.89 6.15	24.89 2.70 35.13	46.29 2.07 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	44.22 1.88 0.00	36.67 1.52 0.00	29.74 1.40 0.00	29.33 1.21 0.00	29.48 1.05 0.00	32.75 0.94 0.00	37.12 1.10 0.00	41.21 1.51 0.00	40.52 1.76 0.00	39.90 1.90 0.00	38.50 2.19 0.00	37.80 2.50 0.00	45.69 3.07 -0.03	48.43 2.61 0.00	55.16 2.64 0.00	63.05 2.96 0.00	71.94 3.84 0.00	71.98 4.70 0.00	63.99 3.60 0.00	56.68 2.19 0.00	62.89 1.11 0.18	58.46 0.52 5.99	23.48 0.59 34.44	45.04 0.83 0.00
BRISTLHL_115KV_TB1 79998	41.46 -0.88 0.00	34.45 -0.70 0.00	27.79 -0.55 0.00	27.57 -0.55 0.00	27.82 -0.61 0.00	31.11 -0.70 0.00	35.17 -0.85 0.00	38.74 -0.96 0.00	37.79 -0.97 0.00	37.07 -0.93 0.00	35.43 -0.88 0.00	34.42 -0.88 0.00	41.54 -1.05 0.00	44.75 -1.07 0.00	51.36 -1.16 0.00	58.83 -1.26 0.00	66.86 -1.24 0.00	66.57 -0.70 0.00	59.92 -0.47 0.00	54.09 -0.39 0.00	61.20 -0.76 0.00	62.95 -0.97 0.00	56.38 -0.95 0.00	43.37 -0.85 0.00
BROOKHAVEN___DRP 24191	43.72 1.38 0.00	36.23 1.08 0.00	29.41 1.07 0.00	29.00 0.88 0.00	29.16 0.73 0.00	32.36 0.55 0.00	36.70 0.68 0.00	40.74 1.04 0.00	40.08 1.32 0.00	39.43 1.42 0.00	38.04 1.73 0.00	37.39 2.09 0.00	45.21 2.59 -0.03	47.94 2.11 0.00	54.55 2.03 0.00	62.28 2.19 0.00	71.51 3.42 0.00	71.60 4.32 0.00	63.62 3.23 0.00	56.29 1.81 0.00	62.36 0.58 0.19	57.62 -0.15 6.15	22.23 0.05 35.15	44.48 0.26 0.00
BROOKLYN_NAVY_YARD 23515	43.99 1.65 0.00	36.44 1.29 0.00	29.55 1.21 0.00	29.17 1.05 0.00	29.32 0.89 0.00	32.64 0.83 0.00	37.15 1.12 0.00	41.15 1.45 0.00	40.39 1.63 0.00	39.76 1.75 0.00	38.08 1.77 0.00	37.10 1.80 0.00	44.81 2.23 0.00	48.09 2.27 0.00	54.90 2.38 0.00	62.69 2.60 0.00	71.53 3.44 0.00	71.34 4.06 0.00	63.84 3.46 0.00	57.07 2.58 0.00	63.83 1.88 0.00	65.01 1.09 0.00	58.32 0.99 0.00	45.31 1.09 0.00
BROOKLYN___ARMY_DRP 323595	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
BROOME_2_LFGE 323671	42.41 0.06 0.00	34.96 -0.19 0.00	28.17 -0.17 0.00	27.96 -0.17 0.00	28.17 -0.27 0.00	31.48 -0.32 0.00	35.62 -0.40 0.00	39.31 -0.39 0.00	38.32 -0.44 0.00	37.67 -0.33 0.00	36.08 -0.23 0.00	35.12 -0.19 0.00	42.40 -0.19 0.00	45.77 -0.05 0.00	52.62 0.11 0.00	60.41 0.32 0.00	68.49 0.40 0.00	68.42 1.15 0.00	61.35 0.96 0.00	55.42 0.94 0.00	62.38 0.42 0.00	64.26 0.33 0.00	57.78 0.45 0.00	44.39 0.17 0.00
BROOME___LFGE 323600	42.41 0.06 0.00	34.96 -0.19 0.00	28.17 -0.17 0.00	27.96 -0.17 0.00	28.17 -0.27 0.00	31.48 -0.32 0.00	35.62 -0.40 0.00	39.31 -0.39 0.00	38.32 -0.44 0.00	37.67 -0.33 0.00	36.08 -0.23 0.00	35.12 -0.19 0.00	42.40 -0.19 0.00	45.77 -0.05 0.00	52.62 0.11 0.00	60.41 0.32 0.00	68.49 0.40 0.00	68.42 1.15 0.00	61.35 0.96 0.00	55.42 0.94 0.00	62.38 0.42 0.00	64.26 0.33 0.00	57.78 0.45 0.00	44.39 0.17 0.00
BROWNFLS_115KV_TB 3_5 80003	43.36 1.02 0.00	36.06 0.91 0.00	28.91 0.57 0.00	28.88 0.76 0.00	29.35 0.92 0.00	33.21 1.40 0.00	37.56 1.54 0.00	41.37 1.67 0.00	40.18 1.41 0.00	39.26 1.25 0.00	37.43 1.12 0.00	36.27 0.97 0.00	43.66 1.07 0.00	47.06 1.24 0.00	53.81 1.29 0.00	61.34 1.25 0.00	69.08 0.99 0.00	68.23 0.95 0.00	61.47 1.09 0.00	56.16 1.67 0.00	64.58 2.62 0.00	67.54 3.62 0.00	60.70 3.37 0.00	46.68 2.46 0.00
BROWNSV1_27_KV_LOAD 356125	44.49 2.15 0.00	36.83 1.68 0.00	29.85 1.51 0.00	29.46 1.34 0.00	29.62 1.18 0.00	32.99 1.18 0.00	37.55 1.53 0.00	41.63 1.93 0.00	40.86 2.10 0.00	40.24 2.24 0.00	38.59 2.27 0.00	37.62 2.32 0.00	45.45 2.87 0.00	48.75 2.93 0.00	55.72 3.20 0.00	63.64 3.55 0.00	72.63 4.53 0.00	72.40 5.13 0.00	64.79 4.40 0.00	57.91 3.42 0.00	64.78 2.82 0.00	66.00 2.08 0.00	59.18 1.85 0.00	45.94 1.72 0.00
BURROWS___LYONSDAL 23803	43.03 0.69 0.00	35.81 0.66 0.00	28.94 0.60 0.00	28.88 0.76 0.00	29.30 0.86 0.00	32.95 1.14 0.00	37.28 1.26 0.00	41.06 1.35 0.00	39.92 1.16 0.00	39.01 1.00 0.00	37.15 0.84 0.00	35.99 0.69 0.00	43.35 0.76 0.00	46.82 1.00 0.00	53.65 1.13 0.00	61.35 1.26 0.00	69.72 1.63 0.00	69.49 2.21 0.00	62.74 2.35 0.00	57.12 2.63 0.00	65.11 3.15 0.00	67.36 3.44 0.00	60.29 2.96 0.00	46.28 2.06 0.00
CAITHNESS_CC_1 323624	43.70 1.36 0.00	36.22 1.07 0.00	29.41 1.07 0.00	29.01 0.88 0.00	29.16 0.73 0.00	32.36 0.55 0.00	36.70 0.67 0.00	40.74 1.03 0.00	40.06 1.30 0.00	39.41 1.41 0.00	38.02 1.70 0.00	37.36 2.06 0.00	45.14 2.53 -0.03	47.85 2.03 0.00	54.48 1.96 0.00	62.15 2.06 0.00	71.33 3.23 0.00	71.40 4.13 0.00	63.44 3.05 0.00	56.17 1.68 0.00	62.22 0.44 0.19	57.47 -0.30 6.16	22.05 -0.10 35.17	44.42 0.20 0.00
CALPINE BETH_PAGE_GT4 24209	44.00 1.66 0.00	36.45 1.30 0.00	29.53 1.19 0.00	29.13 1.01 0.00	29.29 0.86 0.00	32.59 0.78 0.00	36.96 0.94 0.00	41.02 1.32 0.00	40.26 1.50 0.00	39.66 1.65 0.00	38.10 1.78 0.00	37.32 2.02 0.00	45.14 2.52 -0.03	48.06 2.24 0.00	54.82 2.30 0.00	62.67 2.57 0.00	71.69 3.59 0.00	71.45 4.17 0.00	63.66 3.28 0.00	56.62 2.13 0.00	62.96 1.14 0.13	60.46 0.36 3.82	32.65 0.36 25.03	44.85 0.63 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.00 1.66 0.00	36.45 1.30 0.00	29.54 1.20 0.00	29.14 1.01 0.00	29.29 0.86 0.00	32.59 0.78 0.00	36.97 0.95 0.00	41.02 1.32 0.00	40.26 1.50 0.00	39.66 1.65 0.00	38.09 1.78 0.00	37.32 2.02 0.00	45.14 2.52 -0.03	48.05 2.23 0.00	54.82 2.30 0.00	62.66 2.57 0.00	71.69 3.59 0.00	71.45 4.18 0.00	63.66 3.27 0.00	56.61 2.13 0.00	62.96 1.14 0.13	60.45 0.35 3.82	32.62 0.32 25.03	44.85 0.63 0.00
CALPINE_BP_GT1 23823	44.00 1.66 0.00	36.45 1.30 0.00	29.54 1.20 0.00	29.14 1.01 0.00	29.29 0.86 0.00	32.59 0.78 0.00	36.97 0.95 0.00	41.02 1.32 0.00	40.26 1.50 0.00	39.66 1.65 0.00	38.09 1.78 0.00	37.32 2.02 0.00	45.14 2.52 -0.03	48.05 2.23 0.00	54.82 2.30 0.00	62.66 2.57 0.00	71.69 3.59 0.00	71.45 4.18 0.00	63.66 3.27 0.00	56.61 2.13 0.00	62.96 1.14 0.13	60.45 0.35 3.82	32.62 0.32 25.03	44.85 0.63 0.00
CALSPAN___DRP 24200	42.19 -0.15 0.00	34.32 -0.83 0.00	27.30 -1.04 0.00	27.10 -1.03 0.00	27.12 -1.32 0.00	30.10 -1.71 0.00	33.84 -2.18 0.00	37.63 -2.08 0.00	36.82 -1.94 0.00	36.67 -1.34 0.00	35.39 -0.92 0.00	34.52 -0.79 0.00	41.74 -0.85 0.00	45.32 -0.50 0.00	52.31 -0.21 0.00	59.94 -0.15 0.00	67.50 -0.60 0.00	68.09 0.81 0.00	60.87 0.48 0.00	55.18 0.69 0.00	61.76 -0.20 0.00	64.59 0.67 0.00	58.75 1.43 0.00	45.09 0.87 0.00

CALVERTON___SOLAR 323806	43.81 1.47 0.00	36.29 1.14 0.00	29.46 1.12 0.00	29.06 0.93 0.00	29.21 0.78 0.00	32.42 0.61 0.00	36.77 0.74 0.00	40.83 1.12 0.00	40.17 1.40 0.00	39.52 1.52 0.00	38.12 1.80 0.00	37.50 2.20 0.00	45.33 2.72 -0.03	48.08 2.26 0.00	54.73 2.21 0.00	62.51 2.42 0.00	71.82 3.72 0.00	71.94 4.67 0.00	63.92 3.53 0.00	56.55 2.06 0.00	62.61 0.85 0.19	57.88 0.11 6.15	22.40 0.22 35.15	44.62 0.40 0.00
CANDIGU_WT_PWR 323617	42.39 0.04 0.00	34.66 -0.50 0.00	27.78 -0.57 0.00	27.58 -0.55 0.00	27.69 -0.74 0.00	30.91 -0.90 0.00	34.89 -1.14 0.00	38.58 -1.12 0.00	37.47 -1.29 0.00	36.94 -1.07 0.00	35.46 -0.85 0.00	34.50 -0.80 0.00	41.58 -1.01 0.00	45.11 -0.71 0.00	51.98 -0.54 0.00	59.75 -0.35 0.00	67.54 -0.56 0.00	67.97 0.69 0.00	60.90 0.52 0.00	55.23 0.74 0.00	62.01 0.05 0.00	64.33 0.41 0.00	58.17 0.85 0.00	44.59 0.37 0.00
CARR STREET_E_SYR 24060	41.57 -0.77 0.00	34.56 -0.59 0.00	27.87 -0.47 0.00	27.65 -0.47 0.00	27.89 -0.53 0.00	31.19 -0.62 0.00	35.27 -0.75 0.00	38.85 -0.85 0.00	37.91 -0.85 0.00	37.22 -0.78 0.00	35.62 -0.69 0.00	34.65 -0.65 0.00	41.80 -0.79 0.00	44.99 -0.83 0.00	51.66 -0.86 0.00	59.21 -0.88 0.00	67.22 -0.87 0.00	66.96 -0.31 0.00	60.21 -0.18 0.00	54.33 -0.16 0.00	61.37 -0.59 0.00	63.16 -0.77 0.00	56.59 -0.74 0.00	43.52 -0.70 0.00
CARTHAGE___PAPER 23857	43.53 1.19 0.00	36.26 1.10 0.00	29.26 0.92 0.00	29.32 1.20 0.00	29.83 1.40 0.00	33.68 1.88 0.00	38.06 2.04 0.00	41.92 2.22 0.00	40.62 1.86 0.00	39.59 1.58 0.00	37.62 1.30 0.00	36.29 0.99 0.00	43.62 1.03 0.00	47.15 1.33 0.00	53.93 1.41 0.00	61.61 1.51 0.00	70.03 1.93 0.00	69.84 2.56 0.00	63.25 2.87 0.00	58.17 3.68 0.00	66.82 4.86 0.00	69.52 5.60 0.00	62.19 4.87 0.00	47.61 3.39 0.00
CASSADAGA_WT_PWR 323784	43.01 0.66 0.00	34.89 -0.27 0.00	27.80 -0.54 0.00	27.61 -0.51 0.00	27.63 -0.80 0.00	30.79 -1.02 0.00	34.88 -1.15 0.00	38.90 -0.80 0.00	38.02 -0.75 0.00	37.90 -0.11 0.00	36.60 0.29 0.00	35.69 0.39 0.00	43.18 0.60 0.00	47.00 1.18 0.00	54.22 1.70 0.00	62.10 2.00 0.00	69.70 1.61 0.00	70.02 2.74 0.00	62.52 2.13 0.00	56.63 2.14 0.00	63.12 1.17 0.00	65.67 1.75 0.00	59.78 2.45 0.00	45.81 1.59 0.00
CE_DUNWOOD___DRP 24194	43.84 1.50 0.00	36.32 1.17 0.00	29.44 1.10 0.00	29.08 0.96 0.00	29.23 0.80 0.00	32.58 0.77 0.00	37.08 1.05 0.00	41.05 1.35 0.00	40.24 1.47 0.00	39.56 1.56 0.00	37.89 1.58 0.00	36.93 1.63 0.00	44.60 2.02 0.00	47.87 2.05 0.00	54.70 2.18 0.00	62.50 2.41 0.00	71.31 3.21 0.00	71.12 3.84 0.00	63.71 3.32 0.00	56.99 2.51 0.00	63.83 1.87 0.00	65.04 1.12 0.00	58.28 0.96 0.00	45.21 0.99 0.00
CE_MILLWOOD___DRP 24193	43.75 1.41 0.00	36.25 1.10 0.00	29.37 1.03 0.00	29.01 0.88 0.00	29.18 0.75 0.00	32.52 0.71 0.00	37.01 0.98 0.00	40.97 1.27 0.00	40.14 1.38 0.00	39.46 1.45 0.00	37.79 1.47 0.00	36.82 1.52 0.00	44.47 1.88 0.00	47.72 1.90 0.00	54.55 2.03 0.00	62.32 2.23 0.00	71.10 3.00 0.00	70.93 3.65 0.00	63.56 3.17 0.00	56.87 2.38 0.00	63.71 1.75 0.00	64.92 1.00 0.00	58.18 0.85 0.00	45.11 0.89 0.00
CE_NYC2_DRP 24202	44.18 1.84 0.00	36.63 1.47 0.00	29.69 1.35 0.00	29.32 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.28 1.26 0.00	41.36 1.66 0.00	40.61 1.84 0.00	39.96 1.95 0.00	38.32 2.01 0.00	37.29 1.99 0.00	45.00 2.42 0.00	48.22 2.40 0.00	55.09 2.57 0.00	62.90 2.80 0.00	71.70 3.60 0.00	71.49 4.21 0.00	63.96 3.57 0.00	57.13 2.64 0.00	63.89 1.93 0.00	65.03 1.11 0.00	58.38 1.05 0.00	45.40 1.18 0.00
CE_NYC_DRP 24195	44.10 1.76 0.00	36.52 1.37 0.00	29.60 1.26 0.00	29.23 1.10 0.00	29.39 0.96 0.00	32.72 0.91 0.00	37.24 1.22 0.00	41.28 1.58 0.00	40.50 1.75 0.00	39.89 1.88 0.00	38.24 1.93 0.00	37.26 1.96 0.00	45.00 2.41 0.00	48.27 2.45 0.00	55.11 2.59 0.00	62.94 2.85 0.00	71.81 3.71 0.00	71.61 4.33 0.00	64.08 3.69 0.00	57.28 2.79 0.00	64.09 2.14 0.00	65.25 1.33 0.00	58.51 1.18 0.00	45.46 1.24 0.00
CHAFFEE___LFGE 323603	42.36 0.02 0.00	34.46 -0.69 0.00	27.41 -0.93 0.00	27.21 -0.91 0.00	27.23 -1.20 0.00	30.23 -1.58 0.00	34.00 -2.02 0.00	37.84 -1.86 0.00	37.02 -1.74 0.00	36.84 -1.16 0.00	35.58 -0.73 0.00	34.62 -0.68 0.00	41.86 -0.72 0.00	45.47 -0.35 0.00	52.47 -0.05 0.00	60.18 0.08 0.00	67.78 -0.32 0.00	68.39 1.11 0.00	61.11 0.72 0.00	55.39 0.90 0.00	61.99 0.04 0.00	64.82 0.90 0.00	58.92 1.59 0.00	45.14 0.92 0.00
CHATEAUG_35_KV_LOAD 355732	42.49 0.15 0.00	35.38 0.22 0.00	28.36 0.02 0.00	28.20 0.08 0.00	28.63 0.19 0.00	32.24 0.44 0.00	36.59 0.56 0.00	40.45 0.74 0.00	39.46 0.70 0.00	38.63 0.63 0.00	37.02 0.70 0.00	36.00 0.70 0.00	43.40 0.81 0.00	46.69 0.87 0.00	53.46 0.94 0.00	61.29 1.20 0.00	69.15 1.05 0.00	67.39 0.12 0.00	60.39 0.00 0.00	54.70 0.22 0.00	62.99 1.03 0.00	65.39 1.47 0.00	58.60 1.27 0.00	45.10 0.88 0.00
CHATEAUG_WT_PWR 323614	42.44 0.10 0.00	35.31 0.16 0.00	28.31 -0.03 0.00	28.16 0.04 0.00	28.58 0.15 0.00	32.17 0.37 0.00	36.51 0.49 0.00	40.38 0.68 0.00	39.43 0.67 0.00	38.61 0.61 0.00	36.98 0.67 0.00	35.94 0.64 0.00	43.35 0.76 0.00	46.63 0.81 0.00	53.41 0.89 0.00	61.23 1.14 0.00	69.09 0.99 0.00	67.42 0.14 0.00	60.36 -0.03 0.00	54.62 0.13 0.00	62.79 0.83 0.00	65.12 1.20 0.00	58.37 1.04 0.00	44.95 0.73 0.00
CHAT_HIGH_FALL_HYD 323578	42.49 0.15 0.00	35.38 0.22 0.00	28.36 0.02 0.00	28.20 0.08 0.00	28.63 0.19 0.00	32.24 0.44 0.00	36.59 0.56 0.00	40.45 0.74 0.00	39.46 0.70 0.00	38.63 0.63 0.00	37.02 0.70 0.00	36.00 0.70 0.00	43.40 0.81 0.00	46.69 0.87 0.00	53.46 0.94 0.00	61.29 1.20 0.00	69.15 1.05 0.00	67.39 0.12 0.00	60.39 0.00 0.00	54.70 0.22 0.00	62.99 1.03 0.00	65.39 1.47 0.00	58.60 1.27 0.00	45.10 0.88 0.00
CHAUTAUQUA___LFGE 323629	42.54 0.20 0.00	34.51 -0.64 0.00	27.50 -0.84 0.00	27.32 -0.81 0.00	27.34 -1.10 0.00	30.44 -1.37 0.00	34.23 -1.80 0.00	38.00 -1.70 0.00	37.15 -1.61 0.00	37.07 -0.94 0.00	35.78 -0.54 0.00	34.89 -0.41 0.00	42.17 -0.41 0.00	45.92 0.10 0.00	53.04 0.52 0.00	60.85 0.76 0.00	68.39 0.29 0.00	68.99 1.71 0.00	61.68 1.28 0.00	55.97 1.48 0.00	62.48 0.53 0.00	65.13 1.21 0.00	59.28 1.95 0.00	45.43 1.21 0.00
CHERRYST_13_KV_LD 356241	44.23 1.89 0.00	36.62 1.47 0.00	29.68 1.34 0.00	29.31 1.18 0.00	29.47 1.04 0.00	32.83 1.02 0.00	37.37 1.34 0.00	41.43 1.73 0.00	40.66 1.90 0.00	40.04 2.04 0.00	38.40 2.09 0.00	37.42 2.12 0.00	45.20 2.61 0.00	48.50 2.67 0.00	55.37 2.85 0.00	63.25 3.15 0.00	72.15 4.06 0.00	71.94 4.66 0.00	64.32 3.94 0.00	57.48 3.00 0.00	64.30 2.34 0.00	65.48 1.55 0.00	58.71 1.38 0.00	45.59 1.37 0.00

CHESTROR_138KV_BK263 355645	43.42 1.08 0.00	35.93 0.77 0.00	29.04 0.70 0.00	28.74 0.62 0.00	28.96 0.53 0.00	32.30 0.50 0.00	36.73 0.71 0.00	40.62 0.92 0.00	39.76 1.00 0.00	39.04 1.03 0.00	37.36 1.05 0.00	36.36 1.06 0.00	43.91 1.33 0.00	47.18 1.36 0.00	53.99 1.47 0.00	61.73 1.64 0.00	70.44 2.35 0.00	70.29 3.01 0.00	63.05 2.66 0.00	56.51 2.02 0.00	63.40 1.44 0.00	64.70 0.78 0.00	57.99 0.66 0.00	44.89 0.67 0.00
CH_MIDHUDSON___DRP 24192	43.70 1.36 0.00	36.24 1.08 0.00	29.35 1.01 0.00	29.03 0.91 0.00	29.22 0.79 0.00	32.58 0.77 0.00	37.05 1.02 0.00	40.98 1.28 0.00	40.18 1.42 0.00	39.44 1.43 0.00	37.70 1.39 0.00	36.71 1.41 0.00	44.33 1.74 0.00	47.64 1.82 0.00	54.52 2.00 0.00	62.37 2.28 0.00	71.20 3.10 0.00	71.07 3.79 0.00	63.76 3.37 0.00	57.11 2.63 0.00	64.07 2.11 0.00	65.30 1.38 0.00	58.45 1.12 0.00	45.20 0.98 0.00
CH_MISC_IPPS 23765	43.96 1.63 0.00	36.41 1.26 0.00	29.48 1.14 0.00	29.16 1.04 0.00	29.36 0.93 0.00	32.74 0.93 0.00	37.25 1.23 0.00	41.21 1.51 0.00	40.38 1.62 0.00	39.66 1.66 0.00	37.92 1.61 0.00	36.92 1.62 0.00	44.59 2.00 0.00	47.93 2.11 0.00	54.87 2.35 0.00	62.81 2.72 0.00	71.74 3.64 0.00	71.65 4.37 0.00	64.25 3.86 0.00	57.54 3.05 0.00	64.52 2.57 0.00	65.76 1.84 0.00	58.83 1.51 0.00	45.49 1.28 0.00
CH_RES_BVR_FALLS 23983	42.23 -0.11 0.00	35.09 -0.06 0.00	28.26 -0.08 0.00	28.10 -0.03 0.00	28.46 0.03 0.00	31.93 0.12 0.00	36.16 0.14 0.00	39.86 0.15 0.00	38.92 0.15 0.00	38.17 0.17 0.00	36.48 0.17 0.00	35.48 0.18 0.00	42.79 0.21 0.00	46.03 0.21 0.00	52.75 0.23 0.00	60.36 0.27 0.00	68.26 0.16 0.00	67.15 -0.12 0.00	60.21 -0.18 0.00	54.38 -0.10 0.00	62.08 0.12 0.00	64.25 0.33 0.00	57.62 0.29 0.00	44.45 0.23 0.00
CH_RES_NIAGARA 23895	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.36 -1.76 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.75 -3.27 0.00	36.40 -3.30 0.00	35.66 -3.10 0.00	35.55 -2.45 0.00	34.32 -1.99 0.00	33.46 -1.84 0.00	40.46 -2.13 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.79 -2.30 0.00	64.93 -3.17 0.00	65.54 -1.74 0.00	58.62 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.62 -1.30 0.00	57.05 -0.27 0.00	43.85 -0.37 0.00
CH_RES_SYRACUSE 23985	42.03 -0.31 0.00	34.88 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.23 0.00	28.15 -0.28 0.00	31.48 -0.33 0.00	35.57 -0.45 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.52 0.00	35.85 -0.46 0.00	34.87 -0.44 0.00	42.13 -0.46 0.00	45.40 -0.42 0.00	52.15 -0.37 0.00	59.76 -0.33 0.00	67.89 -0.20 0.00	67.68 0.40 0.00	60.90 0.51 0.00	54.97 0.49 0.00	62.06 0.10 0.00	63.89 -0.03 0.00	57.23 -0.10 0.00	44.00 -0.22 0.00
CLINTON_WT_PWR 323605	42.44 0.10 0.00	35.31 0.16 0.00	28.31 -0.03 0.00	28.16 0.04 0.00	28.58 0.15 0.00	32.17 0.37 0.00	36.51 0.49 0.00	40.38 0.68 0.00	39.43 0.67 0.00	38.61 0.61 0.00	36.98 0.67 0.00	35.94 0.64 0.00	43.35 0.76 0.00	46.63 0.81 0.00	53.41 0.89 0.00	61.23 1.14 0.00	69.09 0.99 0.00	67.42 0.14 0.00	60.36 -0.03 0.00	54.62 0.13 0.00	62.79 0.83 0.00	65.12 1.20 0.00	58.37 1.04 0.00	44.95 0.73 0.00
CLINTON___LFGE 323618	42.84 0.50 0.00	35.60 0.45 0.00	28.57 0.23 0.00	28.42 0.29 0.00	28.83 0.40 0.00	32.43 0.63 0.00	36.85 0.83 0.00	40.76 1.06 0.00	39.79 1.02 0.00	38.94 0.94 0.00	37.26 0.95 0.00	36.14 0.84 0.00	43.56 0.98 0.00	46.87 1.05 0.00	53.73 1.20 0.00	61.67 1.58 0.00	69.70 1.60 0.00	68.14 0.86 0.00	61.14 0.75 0.00	55.32 0.84 0.00	63.56 1.61 0.00	65.79 1.87 0.00	58.95 1.62 0.00	45.32 1.10 0.00
COBBLENY_34_KV_TB1 80064	42.36 0.02 0.00	34.46 -0.69 0.00	27.41 -0.93 0.00	27.21 -0.91 0.00	27.23 -1.20 0.00	30.23 -1.58 0.00	34.02 -2.00 0.00	37.84 -1.86 0.00	37.02 -1.74 0.00	36.86 -1.15 0.00	35.57 -0.74 0.00	34.62 -0.68 0.00	41.86 -0.72 0.00	45.47 -0.35 0.00	52.47 -0.05 0.00	60.17 0.07 0.00	67.78 -0.32 0.00	68.39 1.12 0.00	61.11 0.72 0.00	55.39 0.90 0.00	61.99 0.04 0.00	64.81 0.89 0.00	58.91 1.58 0.00	45.14 0.93 0.00
COFFEEN___115KV_TB3 355620	43.75 1.41 0.00	36.42 1.26 0.00	29.40 1.06 0.00	29.45 1.33 0.00	29.95 1.52 0.00	33.81 2.01 0.00	38.21 2.19 0.00	42.05 2.35 0.00	40.71 1.95 0.00	39.73 1.72 0.00	37.73 1.42 0.00	36.30 1.00 0.00	43.55 0.97 0.00	47.07 1.25 0.00	53.87 1.35 0.00	61.46 1.37 0.00	70.05 1.95 0.00	70.02 2.74 0.00	63.62 3.24 0.00	58.82 4.34 0.00	67.67 5.71 0.00	70.28 6.36 0.00	62.80 5.48 0.00	47.94 3.72 0.00
COLDSPRG_115KV_BK1 355956	43.19 0.85 0.00	35.07 -0.09 0.00	27.96 -0.38 0.00	27.77 -0.35 0.00	27.81 -0.62 0.00	30.98 -0.83 0.00	35.27 -0.75 0.00	39.43 -0.27 0.00	38.47 -0.30 0.00	38.27 0.26 0.00	36.94 0.63 0.00	36.00 0.70 0.00	43.50 0.92 0.00	47.28 1.46 0.00	54.43 1.91 0.00	62.15 2.06 0.00	69.79 1.70 0.00	70.03 2.75 0.00	62.43 2.04 0.00	56.57 2.09 0.00	63.17 1.22 0.00	65.75 1.83 0.00	60.00 2.67 0.00	45.99 1.77 0.00
COLONIE_LFGE___ 323577	43.35 1.01 0.00	36.02 0.87 0.00	29.25 0.91 0.00	28.97 0.84 0.00	29.24 0.80 0.00	32.58 0.77 0.00	36.97 0.94 0.00	40.72 1.02 0.00	39.79 1.03 0.00	38.82 0.81 0.00	36.81 0.50 0.00	35.72 0.42 0.00	43.03 0.44 0.00	46.25 0.44 0.00	52.99 0.47 0.00	60.59 0.50 0.00	69.05 0.95 0.00	68.88 1.60 0.00	62.21 1.82 0.00	56.04 1.55 0.00	63.33 1.37 0.00	64.85 0.93 0.00	58.08 0.75 0.00	44.80 0.58 0.00
COOPERNY_115KV_TB1 80082	43.08 0.74 0.00	35.65 0.50 0.00	28.80 0.46 0.00	28.52 0.39 0.00	28.75 0.31 0.00	32.09 0.28 0.00	36.43 0.41 0.00	40.26 0.56 0.00	39.38 0.62 0.00	38.68 0.67 0.00	37.03 0.72 0.00	36.04 0.73 0.00	43.51 0.93 0.00	46.79 0.97 0.00	53.58 1.06 0.00	61.32 1.23 0.00	69.85 1.75 0.00	69.59 2.31 0.00	62.43 2.04 0.00	56.05 1.56 0.00	63.04 1.09 0.00	64.51 0.59 0.00	57.83 0.50 0.00	44.71 0.49 0.00
COPENHAGEN_WT_PWR 323753	42.87 0.53 0.00	35.75 0.60 0.00	28.93 0.58 0.00	29.04 0.92 0.00	29.57 1.14 0.00	33.39 1.58 0.00	37.65 1.63 0.00	41.49 1.79 0.00	40.25 1.49 0.00	39.30 1.29 0.00	37.35 1.03 0.00	36.01 0.72 0.00	43.28 0.69 0.00	46.77 0.95 0.00	53.55 1.03 0.00	61.14 1.05 0.00	69.60 1.51 0.00	69.47 2.19 0.00	62.93 2.54 0.00	57.95 3.47 0.00	66.44 4.49 0.00	68.99 5.07 0.00	61.71 4.38 0.00	47.20 2.98 0.00
CORNELL_____ 23752	42.95 0.61 0.00	35.48 0.33 0.00	28.57 0.23 0.00	28.35 0.22 0.00	28.58 0.14 0.00	31.97 0.16 0.00	36.17 0.15 0.00	39.86 0.15 0.00	38.78 0.02 0.00	37.96 -0.05 0.00	36.24 -0.08 0.00	35.20 -0.11 0.00	42.48 -0.10 0.00	45.97 0.15 0.00	52.71 0.19 0.00	60.50 0.41 0.00	68.80 0.71 0.00	68.98 1.71 0.00	62.26 1.87 0.00	56.43 1.94 0.00	63.69 1.73 0.00	65.58 1.66 0.00	58.74 1.41 0.00	45.06 0.84 0.00

CORONAAV_69_KV_TB1 355595	44.31 1.97 0.00	36.68 1.53 0.00	29.71 1.37 0.00	29.32 1.19 0.00	29.47 1.04 0.00	32.81 1.00 0.00	37.20 1.18 0.00	41.24 1.54 0.00	40.47 1.71 0.00	39.87 1.86 0.00	38.44 2.13 0.00	37.66 2.36 0.00	45.49 2.87 -0.03	48.54 2.72 0.00	55.41 2.89 0.00	63.32 3.23 0.00	72.43 4.33 0.00	72.27 4.99 0.00	64.43 4.04 0.00	57.40 2.91 0.00	64.08 2.12 0.00	68.54 1.39 -3.23	58.58 1.26 0.00	45.56 1.34 0.00
CORTLAND_115KV_TB3 80093	42.53 0.19 0.00	35.20 0.04 0.00	28.36 0.02 0.00	28.15 0.03 0.00	28.40 -0.03 0.00	31.76 -0.05 0.00	35.95 -0.08 0.00	39.62 -0.09 0.00	38.60 -0.16 0.00	37.85 -0.16 0.00	36.16 -0.15 0.00	35.13 -0.17 0.00	42.43 -0.16 0.00	45.93 0.11 0.00	52.61 0.09 0.00	60.32 0.23 0.00	68.52 0.42 0.00	68.47 1.20 0.00	61.65 1.26 0.00	55.75 1.26 0.00	62.94 0.99 0.00	64.79 0.87 0.00	58.08 0.75 0.00	44.61 0.39 0.00
COXSACKIE___GT 23611	44.17 1.83 0.00	36.64 1.48 0.00	29.80 1.46 0.00	29.54 1.41 0.00	29.78 1.35 0.00	33.22 1.41 0.00	37.75 1.73 0.00	41.53 1.83 0.00	40.33 1.57 0.00	39.02 1.01 0.00	36.85 0.54 0.00	35.62 0.32 0.00	42.81 0.22 0.00	46.05 0.23 0.00	52.88 0.36 0.00	32.74 0.41 27.76	51.70 0.95 17.35	69.25 1.97 0.00	63.23 2.85 0.00	57.21 2.72 0.00	64.77 2.82 0.00	66.33 2.41 0.00	59.06 1.74 0.00	45.36 1.15 0.00
CPV_VALLEY___CC1 323721	43.10 0.76 0.00	35.68 0.53 0.00	28.86 0.52 0.00	28.56 0.44 0.00	28.79 0.36 0.00	32.10 0.29 0.00	36.48 0.46 0.00	40.34 0.64 0.00	39.49 0.73 0.00	38.77 0.77 0.00	37.11 0.79 0.00	36.12 0.82 0.00	43.61 1.02 0.00	46.86 1.04 0.00	53.62 1.10 0.00	61.30 1.21 0.00	69.88 1.78 0.00	69.67 2.39 0.00	62.49 2.10 0.00	56.02 1.53 0.00	62.89 0.93 0.00	64.23 0.31 0.00	57.58 0.25 0.00	44.58 0.36 0.00
CPV_VALLEY___CC2 323722	43.10 0.76 0.00	35.68 0.53 0.00	28.86 0.52 0.00	28.56 0.44 0.00	28.79 0.36 0.00	32.10 0.29 0.00	36.48 0.46 0.00	40.34 0.64 0.00	39.49 0.73 0.00	38.77 0.77 0.00	37.11 0.79 0.00	36.12 0.82 0.00	43.61 1.02 0.00	46.86 1.04 0.00	53.62 1.10 0.00	61.30 1.21 0.00	69.88 1.78 0.00	69.67 2.39 0.00	62.49 2.10 0.00	56.02 1.53 0.00	62.89 0.93 0.00	64.23 0.31 0.00	57.58 0.25 0.00	44.58 0.36 0.00
CRESCENT___HYD 24018	43.35 1.01 0.00	36.02 0.87 0.00	29.25 0.91 0.00	28.97 0.84 0.00	29.24 0.80 0.00	32.58 0.77 0.00	36.97 0.94 0.00	40.72 1.02 0.00	39.79 1.03 0.00	38.82 0.81 0.00	36.81 0.50 0.00	35.72 0.42 0.00	43.03 0.44 0.00	46.25 0.44 0.00	52.99 0.47 0.00	60.59 0.50 0.00	69.05 0.95 0.00	68.88 1.60 0.00	62.21 1.82 0.00	56.04 1.55 0.00	63.33 1.37 0.00	64.85 0.93 0.00	58.08 0.75 0.00	44.80 0.58 0.00
CRICKET___VALLEY_CC1 323756	43.17 0.82 0.00	35.79 0.64 0.00	29.03 0.69 0.00	28.71 0.59 0.00	28.90 0.47 0.00	32.20 0.39 0.00	36.62 0.60 0.00	40.50 0.79 0.00	39.67 0.91 0.00	38.89 0.89 0.00	37.08 0.76 0.00	36.08 0.78 0.00	43.53 0.94 0.00	46.75 0.93 0.00	53.51 0.99 0.00	61.20 1.10 0.00	69.83 1.73 0.00	69.73 2.46 0.00	62.61 2.22 0.00	56.14 1.65 0.00	63.04 1.08 0.00	64.26 0.34 0.00	57.50 0.18 0.00	44.44 0.23 0.00
CRICKET___VALLEY_CC2 323757	43.17 0.82 0.00	35.79 0.64 0.00	29.03 0.69 0.00	28.71 0.59 0.00	28.90 0.47 0.00	32.20 0.39 0.00	36.62 0.60 0.00	40.50 0.79 0.00	39.67 0.91 0.00	38.89 0.89 0.00	37.08 0.76 0.00	36.08 0.78 0.00	43.53 0.94 0.00	46.75 0.93 0.00	53.51 0.99 0.00	61.20 1.10 0.00	69.83 1.73 0.00	69.73 2.46 0.00	62.61 2.22 0.00	56.14 1.65 0.00	63.04 1.08 0.00	64.26 0.34 0.00	57.50 0.18 0.00	44.44 0.23 0.00
CRICKET___VALLEY_CC3 323758	43.17 0.82 0.00	35.79 0.64 0.00	29.03 0.69 0.00	28.71 0.59 0.00	28.90 0.47 0.00	32.20 0.39 0.00	36.62 0.60 0.00	40.50 0.79 0.00	39.67 0.91 0.00	38.89 0.89 0.00	37.08 0.76 0.00	36.08 0.78 0.00	43.53 0.94 0.00	46.75 0.93 0.00	53.51 0.99 0.00	61.20 1.10 0.00	69.83 1.73 0.00	69.73 2.46 0.00	62.61 2.22 0.00	56.14 1.65 0.00	63.04 1.08 0.00	64.26 0.34 0.00	57.50 0.18 0.00	44.44 0.23 0.00
CRUCIBLE_METL_DRP 24180	42.03 -0.31 0.00	34.88 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.23 0.00	28.15 -0.28 0.00	31.47 -0.33 0.00	35.57 -0.45 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.52 0.00	35.86 -0.46 0.00	34.86 -0.44 0.00	42.13 -0.46 0.00	45.40 -0.42 0.00	52.15 -0.37 0.00	59.76 -0.33 0.00	67.89 -0.21 0.00	67.68 0.40 0.00	60.90 0.51 0.00	54.97 0.49 0.00	62.06 0.10 0.00	63.89 -0.03 0.00	57.23 -0.10 0.00	44.00 -0.22 0.00
DAHOWA___HYDRO 323763	44.21 1.87 0.00	36.72 1.56 0.00	29.73 1.39 0.00	29.46 1.33 0.00	29.75 1.31 0.00	33.19 1.38 0.00	37.70 1.68 0.00	41.55 1.84 0.00	40.51 1.75 0.00	39.44 1.43 0.00	37.18 0.87 0.00	36.02 0.72 0.00	43.38 0.80 0.00	46.67 0.85 0.00	53.60 1.08 0.00	61.50 1.41 0.00	70.30 2.20 0.00	70.35 3.07 0.00	63.87 3.48 0.00	57.68 3.20 0.00	65.13 3.17 0.00	66.55 2.63 0.00	59.51 2.19 0.00	45.76 1.54 0.00
DANC___LFGE 323619	42.36 0.02 0.00	35.28 0.13 0.00	28.51 0.17 0.00	28.48 0.36 0.00	28.92 0.49 0.00	32.53 0.72 0.00	36.72 0.70 0.00	40.45 0.75 0.00	39.31 0.55 0.00	38.44 0.43 0.00	36.60 0.29 0.00	35.37 0.07 0.00	42.56 -0.03 0.00	45.93 0.11 0.00	52.62 0.10 0.00	60.12 0.03 0.00	68.36 0.26 0.00	68.18 0.90 0.00	61.65 1.26 0.00	56.38 1.89 0.00	64.37 2.41 0.00	66.69 2.76 0.00	59.71 2.38 0.00	45.74 1.52 0.00
DANSKAMMER___1 23586	43.96 1.63 0.00	36.41 1.26 0.00	29.48 1.14 0.00	29.16 1.04 0.00	29.36 0.93 0.00	32.74 0.93 0.00	37.25 1.23 0.00	41.21 1.51 0.00	40.38 1.62 0.00	39.66 1.66 0.00	37.92 1.61 0.00	36.92 1.62 0.00	44.59 2.00 0.00	47.93 2.11 0.00	54.87 2.35 0.00	62.81 2.72 0.00	71.74 3.64 0.00	71.65 4.37 0.00	64.25 3.86 0.00	57.54 3.05 0.00	64.52 2.57 0.00	65.76 1.84 0.00	58.83 1.51 0.00	45.49 1.28 0.00
DANSKAMMER___2 23589	43.96 1.63 0.00	36.41 1.26 0.00	29.48 1.14 0.00	29.16 1.04 0.00	29.36 0.93 0.00	32.74 0.93 0.00	37.25 1.23 0.00	41.21 1.51 0.00	40.38 1.62 0.00	39.66 1.66 0.00	37.92 1.61 0.00	36.92 1.62 0.00	44.59 2.00 0.00	47.93 2.11 0.00	54.87 2.35 0.00	62.81 2.72 0.00	71.74 3.64 0.00	71.65 4.37 0.00	64.25 3.86 0.00	57.54 3.05 0.00	64.52 2.57 0.00	65.76 1.84 0.00	58.83 1.51 0.00	45.49 1.28 0.00
DANSKAMMER___3 23590	43.96 1.63 0.00	36.41 1.26 0.00	29.48 1.14 0.00	29.16 1.04 0.00	29.36 0.93 0.00	32.74 0.93 0.00	37.25 1.23 0.00	41.21 1.51 0.00	40.38 1.62 0.00	39.66 1.66 0.00	37.92 1.61 0.00	36.92 1.62 0.00	44.59 2.00 0.00	47.93 2.11 0.00	54.87 2.35 0.00	62.81 2.72 0.00	71.74 3.64 0.00	71.65 4.37 0.00	64.25 3.86 0.00	57.54 3.05 0.00	64.52 2.57 0.00	65.76 1.84 0.00	58.83 1.51 0.00	45.49 1.28 0.00

DANSKAMMER___4 23591	43.96 1.63 0.00	36.41 1.26 0.00	29.48 1.14 0.00	29.16 1.04 0.00	29.36 0.93 0.00	32.74 0.93 0.00	37.25 1.23 0.00	41.21 1.51 0.00	40.38 1.62 0.00	39.66 1.66 0.00	37.92 1.61 0.00	36.92 1.62 0.00	44.59 2.00 0.00	47.93 2.11 0.00	54.87 2.35 0.00	62.81 2.72 0.00	71.74 3.64 0.00	71.65 4.37 0.00	64.25 3.86 0.00	57.54 3.05 0.00	64.52 2.57 0.00	65.76 1.84 0.00	58.83 1.51 0.00	45.49 1.28 0.00
DANSKAMMER___DIESEL 23592	43.97 1.63 0.00	36.41 1.26 0.00	29.48 1.14 0.00	29.16 1.04 0.00	29.37 0.93 0.00	32.74 0.93 0.00	37.25 1.22 0.00	41.22 1.51 0.00	40.38 1.62 0.00	39.65 1.65 0.00	37.92 1.61 0.00	36.92 1.62 0.00	44.59 2.00 0.00	47.93 2.11 0.00	54.87 2.35 0.00	62.81 2.72 0.00	71.74 3.64 0.00	71.65 4.37 0.00	64.25 3.86 0.00	57.54 3.05 0.00	64.52 2.56 0.00	65.77 1.85 0.00	58.84 1.51 0.00	45.49 1.28 0.00
DARBY___SOLAR 323810	44.01 1.66 0.00	36.54 1.39 0.00	29.61 1.27 0.00	29.33 1.21 0.00	29.61 1.18 0.00	33.03 1.22 0.00	37.52 1.49 0.00	41.33 1.62 0.00	40.30 1.54 0.00	39.24 1.23 0.00	37.03 0.72 0.00	35.89 0.59 0.00	43.23 0.64 0.00	46.50 0.68 0.00	53.38 0.86 0.00	61.22 1.13 0.00	69.96 1.86 0.00	69.95 2.67 0.00	63.45 3.06 0.00	57.30 2.81 0.00	64.71 2.75 0.00	66.15 2.23 0.00	59.17 1.85 0.00	45.54 1.32 0.00
DASHVILLE___HYD 23610	43.44 1.10 0.00	36.00 0.84 0.00	29.17 0.83 0.00	28.85 0.73 0.00	29.05 0.61 0.00	32.38 0.57 0.00	36.83 0.80 0.00	40.73 1.03 0.00	39.86 1.10 0.00	39.11 1.10 0.00	37.38 1.07 0.00	36.38 1.08 0.00	43.92 1.34 0.00	47.18 1.36 0.00	53.96 1.44 0.00	55.10 1.72 6.72	66.33 2.43 4.20	70.34 3.07 0.00	63.15 2.77 0.00	56.60 2.11 0.00	63.56 1.61 0.00	64.84 0.92 0.00	58.07 0.75 0.00	44.93 0.72 0.00
DELAWARE___LFGE 323621	43.07 0.73 0.00	35.62 0.47 0.00	28.71 0.37 0.00	28.47 0.35 0.00	28.71 0.28 0.00	32.11 0.30 0.00	36.40 0.38 0.00	40.20 0.50 0.00	39.25 0.49 0.00	38.55 0.55 0.00	36.93 0.62 0.00	35.93 0.63 0.00	43.42 0.83 0.00	46.75 0.93 0.00	53.64 1.12 0.00	61.44 1.35 0.00	69.85 1.75 0.00	69.53 2.25 0.00	62.42 2.03 0.00	56.26 1.77 0.00	63.42 1.46 0.00	65.19 1.27 0.00	58.47 1.14 0.00	45.04 0.82 0.00
DERFIELD_115KV_TB7 355931	42.34 0.00 0.00	35.16 0.00 0.00	28.40 0.06 0.00	28.18 0.06 0.00	28.46 0.03 0.00	31.81 0.00 0.00	36.03 0.01 0.00	39.70 0.00 0.00	38.76 0.00 0.00	37.97 -0.04 0.00	36.25 -0.07 0.00	35.23 -0.07 0.00	42.49 -0.10 0.00	45.73 -0.09 0.00	52.41 -0.10 0.00	59.97 -0.12 0.00	68.06 -0.04 0.00	67.47 0.19 0.00	60.68 0.29 0.00	54.71 0.22 0.00	62.04 0.08 0.00	63.85 -0.07 0.00	57.23 -0.09 0.00	44.15 -0.06 0.00
DOGLEVILLE___HYD 23807	42.62 0.28 0.00	35.25 0.09 0.00	28.67 0.33 0.00	28.42 0.29 0.00	28.63 0.19 0.00	31.93 0.12 0.00	36.21 0.19 0.00	39.75 0.05 0.00	38.51 -0.25 0.00	37.33 -0.68 0.00	35.17 -1.14 0.00	34.04 -1.26 0.00	40.98 -1.61 0.00	44.14 -1.68 0.00	50.66 -1.86 0.00	58.34 -1.75 0.00	66.47 -1.63 0.00	67.10 -0.17 0.00	61.34 0.95 0.00	55.66 1.18 0.00	62.85 0.89 0.00	64.03 0.11 0.00	57.07 -0.26 0.00	43.88 -0.34 0.00
DUNKIRK___115KV_TB_200 55889	42.46 0.11 0.00	34.44 -0.71 0.00	27.45 -0.89 0.00	27.27 -0.86 0.00	27.28 -1.15 0.00	30.37 -1.44 0.00	34.14 -1.88 0.00	37.89 -1.82 0.00	37.04 -1.72 0.00	36.97 -1.03 0.00	35.66 -0.65 0.00	34.78 -0.52 0.00	42.05 -0.54 0.00	45.78 -0.05 0.00	52.88 0.36 0.00	60.66 0.57 0.00	68.19 0.09 0.00	68.83 1.56 0.00	61.54 1.16 0.00	55.86 1.37 0.00	62.36 0.40 0.00	64.99 1.07 0.00	59.17 1.85 0.00	45.36 1.14 0.00
DUNKIRK___1 23563	42.46 0.11 0.00	34.44 -0.71 0.00	27.45 -0.89 0.00	27.27 -0.86 0.00	27.28 -1.15 0.00	30.37 -1.44 0.00	34.14 -1.88 0.00	37.89 -1.82 0.00	37.04 -1.72 0.00	36.97 -1.03 0.00	35.66 -0.65 0.00	34.78 -0.52 0.00	42.05 -0.54 0.00	45.78 -0.05 0.00	52.88 0.36 0.00	60.66 0.57 0.00	68.19 0.09 0.00	68.83 1.56 0.00	61.54 1.16 0.00	55.86 1.37 0.00	62.36 0.40 0.00	64.99 1.07 0.00	59.17 1.85 0.00	45.36 1.14 0.00
DUNKIRK___2 23564	42.46 0.11 0.00	34.44 -0.71 0.00	27.45 -0.89 0.00	27.27 -0.86 0.00	27.28 -1.15 0.00	30.37 -1.44 0.00	34.14 -1.88 0.00	37.89 -1.82 0.00	37.04 -1.72 0.00	36.97 -1.03 0.00	35.66 -0.65 0.00	34.78 -0.52 0.00	42.05 -0.54 0.00	45.78 -0.05 0.00	52.88 0.36 0.00	60.66 0.57 0.00	68.19 0.09 0.00	68.83 1.56 0.00	61.54 1.16 0.00	55.86 1.37 0.00	62.36 0.40 0.00	64.99 1.07 0.00	59.17 1.85 0.00	45.36 1.14 0.00
DUNKIRK___3 23565	42.27 -0.06 0.00	34.33 -0.82 0.00	27.35 -0.98 0.00	27.17 -0.95 0.00	27.19 -1.24 0.00	30.25 -1.56 0.00	34.02 -2.00 0.00	37.77 -1.93 0.00	36.92 -1.84 0.00	36.82 -1.19 0.00	35.51 -0.80 0.00	34.63 -0.67 0.00	41.86 -0.72 0.00	45.54 -0.28 0.00	52.57 0.05 0.00	60.30 0.20 0.00	67.80 -0.30 0.00	68.40 1.13 0.00	61.13 0.74 0.00	55.46 0.98 0.00	61.96 0.01 0.00	64.64 0.72 0.00	58.86 1.53 0.00	45.13 0.91 0.00
DUNKIRK___4 23566	42.27 -0.06 0.00	34.33 -0.82 0.00	27.35 -0.98 0.00	27.17 -0.95 0.00	27.19 -1.24 0.00	30.25 -1.56 0.00	34.02 -2.00 0.00	37.77 -1.93 0.00	36.92 -1.84 0.00	36.82 -1.19 0.00	35.51 -0.80 0.00	34.63 -0.67 0.00	41.86 -0.72 0.00	45.54 -0.28 0.00	52.57 0.05 0.00	60.30 0.20 0.00	67.80 -0.30 0.00	68.40 1.13 0.00	61.13 0.74 0.00	55.46 0.98 0.00	61.96 0.01 0.00	64.64 0.72 0.00	58.86 1.53 0.00	45.13 0.91 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.94 1.60 0.00	36.40 1.24 0.00	29.50 1.16 0.00	29.14 1.02 0.00	29.30 0.87 0.00	32.64 0.84 0.00	37.15 1.13 0.00	41.13 1.43 0.00	40.33 1.57 0.00	39.67 1.67 0.00	38.00 1.69 0.00	37.04 1.74 0.00	44.75 2.16 0.00	48.01 2.19 0.00	54.85 2.33 0.00	62.65 2.56 0.00	71.50 3.40 0.00	71.31 4.03 0.00	63.87 3.48 0.00	57.11 2.63 0.00	63.96 2.00 0.00	65.15 1.23 0.00	58.40 1.08 0.00	45.31 1.09 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.67 1.33 0.00	36.14 0.99 0.00	29.24 0.90 0.00	28.92 0.80 0.00	29.14 0.70 0.00	32.49 0.69 0.00	36.95 0.93 0.00	40.89 1.19 0.00	40.03 1.27 0.00	39.30 1.30 0.00	37.60 1.29 0.00	36.60 1.31 0.00	44.22 1.63 0.00	47.51 1.69 0.00	54.36 1.85 0.00	62.20 2.11 0.00	71.01 2.92 0.00	70.92 3.64 0.00	63.62 3.23 0.00	56.98 2.49 0.00	63.92 1.97 0.00	65.18 1.26 0.00	58.38 1.05 0.00	45.16 0.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.21 1.87 0.00	36.65 1.50 0.00	29.68 1.34 0.00	29.32 1.20 0.00	29.45 1.02 0.00	32.72 0.91 0.00	37.23 1.21 0.00	41.31 1.61 0.00	40.54 1.78 0.00	39.86 1.85 0.00	38.23 1.92 0.00	37.17 1.87 0.00	44.88 2.29 0.00	48.12 2.30 0.00	54.98 2.46 0.00	62.83 2.74 0.00	71.63 3.53 0.00	71.45 4.17 0.00	63.89 3.50 0.00	57.12 2.64 0.00	63.92 1.97 0.00	65.11 1.18 0.00	58.47 1.14 0.00	45.44 1.22 0.00

E179THST_13_KV_LOAD 356214	44.44 2.09 0.00	36.83 1.68 0.00	29.83 1.49 0.00	29.44 1.32 0.00	29.58 1.15 0.00	32.88 1.08 0.00	37.41 1.39 0.00	41.53 1.83 0.00	40.77 2.01 0.00	40.07 2.06 0.00	38.44 2.13 0.00	37.40 2.10 0.00	45.15 2.56 0.00	48.42 2.60 0.00	55.32 2.80 0.00	63.25 3.16 0.00	72.11 4.01 0.00	71.93 4.66 0.00	64.30 3.92 0.00	57.51 3.02 0.00	64.34 2.39 0.00	65.55 1.63 0.00	58.87 1.55 0.00	45.73 1.52 0.00
EAST HAMPTON___GT 23717	45.79 3.45 0.00	37.81 2.66 0.00	30.65 2.31 0.00	30.25 2.12 0.00	30.42 1.99 0.00	33.76 1.96 0.00	38.36 2.34 0.00	42.67 2.97 0.00	42.08 3.32 0.00	41.44 3.44 0.00	40.04 3.73 0.00	39.68 4.38 0.00	48.05 5.44 -0.03	51.05 5.23 0.00	57.69 5.17 0.00	65.86 5.77 0.00	75.86 7.77 0.00	76.08 8.80 0.00	67.59 7.20 0.00	59.54 5.06 0.00	65.81 4.04 0.19	61.77 4.00 6.15	25.87 3.68 35.13	47.02 2.81 0.00
EAST RIVER___6 23660	44.07 1.73 0.00	36.49 1.34 0.00	29.58 1.24 0.00	29.20 1.08 0.00	29.36 0.93 0.00	32.70 0.89 0.00	37.21 1.18 0.00	41.25 1.54 0.00	40.47 1.71 0.00	39.86 1.86 0.00	38.22 1.90 0.00	37.23 1.93 0.00	44.97 2.39 0.00	48.22 2.41 0.00	55.09 2.58 0.00	62.88 2.79 0.00	71.75 3.65 0.00	71.53 4.25 0.00	64.02 3.63 0.00	57.28 2.80 0.00	64.07 2.11 0.00	65.24 1.32 0.00	58.50 1.17 0.00	45.46 1.24 0.00
EAST RIVER___7 23524	44.07 1.73 0.00	36.49 1.34 0.00	29.58 1.24 0.00	29.20 1.08 0.00	29.36 0.93 0.00	32.70 0.89 0.00	37.21 1.18 0.00	41.25 1.54 0.00	40.47 1.71 0.00	39.86 1.86 0.00	38.22 1.90 0.00	37.23 1.93 0.00	44.97 2.39 0.00	48.22 2.41 0.00	55.09 2.58 0.00	62.88 2.79 0.00	71.75 3.65 0.00	71.53 4.25 0.00	64.02 3.63 0.00	57.28 2.80 0.00	64.07 2.11 0.00	65.24 1.32 0.00	58.50 1.17 0.00	45.46 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.84 1.50 0.00	36.32 1.17 0.00	29.44 1.10 0.00	29.08 0.96 0.00	29.23 0.80 0.00	32.58 0.77 0.00	37.08 1.05 0.00	41.05 1.35 0.00	40.24 1.47 0.00	39.56 1.56 0.00	37.89 1.58 0.00	36.93 1.63 0.00	44.60 2.02 0.00	47.87 2.05 0.00	54.70 2.18 0.00	62.50 2.41 0.00	71.31 3.21 0.00	71.12 3.84 0.00	63.71 3.32 0.00	56.99 2.51 0.00	63.83 1.87 0.00	65.04 1.12 0.00	58.28 0.96 0.00	45.21 0.99 0.00
EAST_HAMPTON___DIESEL 23722	45.80 3.46 0.00	37.82 2.67 0.00	30.67 2.33 0.00	30.26 2.14 0.00	30.43 2.00 0.00	33.78 1.98 0.00	38.39 2.36 0.00	42.70 3.00 0.00	42.11 3.34 0.00	41.46 3.45 0.00	40.06 3.74 0.00	39.70 4.40 0.00	48.07 5.45 -0.03	51.05 5.23 0.00	57.72 5.20 0.00	65.91 5.82 0.00	75.91 7.81 0.00	76.14 8.86 0.00	67.63 7.24 0.00	59.58 5.10 0.00	65.84 4.07 0.19	61.80 4.02 6.15	25.91 3.72 35.13	47.04 2.82 0.00
EAST_POINT___SOLAR 323840	44.93 2.59 0.00	37.23 2.07 0.00	29.95 1.61 0.00	29.68 1.56 0.00	29.99 1.56 0.00	33.65 1.84 0.00	38.24 2.21 0.00	41.76 2.05 0.00	39.94 1.18 0.00	38.56 0.56 0.00	36.58 0.27 0.00	35.41 0.11 0.00	42.77 0.19 0.00	46.08 0.26 0.00	52.92 0.40 0.00	60.84 0.75 0.00	69.45 1.36 0.00	69.58 2.31 0.00	64.01 3.62 0.00	58.80 4.31 0.00	67.00 5.05 0.00	69.34 5.42 0.00	62.01 4.69 0.00	47.63 3.41 0.00
EAST_PULASKI___ESR 323781	41.90 -0.44 0.00	34.83 -0.33 0.00	28.11 -0.23 0.00	27.97 -0.15 0.00	28.29 -0.14 0.00	31.71 -0.10 0.00	35.83 -0.19 0.00	39.45 -0.25 0.00	38.40 -0.36 0.00	37.61 -0.40 0.00	35.88 -0.43 0.00	34.73 -0.57 0.00	41.82 -0.77 0.00	45.07 -0.75 0.00	51.68 -0.84 0.00	59.11 -0.99 0.00	67.15 -0.95 0.00	66.94 -0.34 0.00	60.36 -0.03 0.00	54.82 0.33 0.00	62.29 0.33 0.00	64.33 0.41 0.00	57.64 0.32 0.00	44.25 0.03 0.00
EAST_RIVER___1 323558	44.10 1.76 0.00	36.52 1.37 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.39 0.96 0.00	32.72 0.91 0.00	37.24 1.22 0.00	41.28 1.58 0.00	40.51 1.75 0.00	39.89 1.89 0.00	38.24 1.93 0.00	37.26 1.96 0.00	45.00 2.41 0.00	48.27 2.45 0.00	55.11 2.59 0.00	62.94 2.85 0.00	71.81 3.71 0.00	71.60 4.33 0.00	64.08 3.69 0.00	57.28 2.79 0.00	64.09 2.13 0.00	65.26 1.33 0.00	58.50 1.18 0.00	45.45 1.24 0.00
EAST_RIVER___2 323559	44.07 1.73 0.00	36.49 1.34 0.00	29.58 1.24 0.00	29.20 1.08 0.00	29.36 0.93 0.00	32.70 0.89 0.00	37.21 1.18 0.00	41.25 1.54 0.00	40.47 1.71 0.00	39.86 1.86 0.00	38.22 1.90 0.00	37.23 1.93 0.00	44.97 2.39 0.00	48.22 2.41 0.00	55.09 2.58 0.00	62.88 2.79 0.00	71.75 3.65 0.00	71.53 4.25 0.00	64.02 3.63 0.00	57.28 2.80 0.00	64.07 2.11 0.00	65.24 1.32 0.00	58.50 1.17 0.00	45.46 1.24 0.00
EAST___DELAWARE_HYD 23607	42.94 0.60 0.00	35.51 0.36 0.00	28.70 0.36 0.00	28.39 0.26 0.00	28.60 0.16 0.00	31.92 0.11 0.00	36.29 0.27 0.00	40.13 0.43 0.00	39.26 0.50 0.00	38.54 0.54 0.00	36.86 0.55 0.00	35.86 0.56 0.00	43.33 0.75 0.00	46.44 0.62 0.00	52.11 -0.41 0.00	57.60 -0.33 2.16	67.02 0.27 1.35	68.37 1.09 0.00	61.46 1.08 0.00	55.28 0.79 0.00	63.47 1.52 0.00	64.73 0.81 0.00	57.87 0.54 0.00	44.67 0.45 0.00
EIGHT_POINT___WT_PWR 323820	42.95 0.61 0.00	35.10 -0.05 0.00	28.08 -0.26 0.00	27.88 -0.24 0.00	27.99 -0.44 0.00	31.25 -0.55 0.00	35.30 -0.72 0.00	39.03 -0.67 0.00	37.85 -0.91 0.00	37.24 -0.76 0.00	35.71 -0.61 0.00	34.69 -0.61 0.00	41.79 -0.79 0.00	45.37 -0.46 0.00	52.32 -0.20 0.00	60.19 0.10 0.00	68.23 0.14 0.00	68.82 1.54 0.00	61.73 1.35 0.00	55.96 1.47 0.00	63.02 1.06 0.00	65.38 1.46 0.00	59.06 1.74 0.00	45.19 0.97 0.00
ELBRIDGE_115KV_TB2 80188	41.86 -0.48 0.00	34.72 -0.43 0.00	27.99 -0.35 0.00	27.77 -0.36 0.00	28.02 -0.42 0.00	31.31 -0.50 0.00	35.36 -0.66 0.00	38.94 -0.77 0.00	37.96 -0.80 0.00	37.26 -0.74 0.00	35.64 -0.67 0.00	34.65 -0.65 0.00	41.88 -0.71 0.00	45.16 -0.67 0.00	51.86 -0.66 0.00	59.43 -0.66 0.00	67.48 -0.62 0.00	67.31 0.03 0.00	60.55 0.16 0.00	54.68 0.19 0.00	61.67 -0.29 0.00	63.57 -0.35 0.00	56.98 -0.35 0.00	43.83 -0.39 0.00
ELEC_TRO_TEK 24086	44.01 1.66 0.00	36.45 1.30 0.00	29.54 1.20 0.00	29.15 1.03 0.00	29.31 0.88 0.00	32.62 0.82 0.00	37.02 1.00 0.00	41.05 1.35 0.00	40.28 1.52 0.00	39.67 1.67 0.00	38.21 1.90 0.00	37.40 2.10 0.00	45.17 2.55 -0.03	48.15 2.33 0.00	54.96 2.44 0.00	62.81 2.72 0.00	71.81 3.72 0.00	71.61 4.33 0.00	63.87 3.48 0.00	56.89 2.41 0.00	63.50 1.57 0.03	65.08 0.83 -0.33	52.57 0.76 5.52	45.14 0.92 0.00
ELLENBURG_WT_PWR 323604	42.44 0.10 0.00	35.31 0.16 0.00	28.31 -0.03 0.00	28.16 0.04 0.00	28.58 0.15 0.00	32.17 0.37 0.00	36.51 0.49 0.00	40.38 0.68 0.00	39.43 0.67 0.00	38.61 0.61 0.00	36.98 0.67 0.00	35.94 0.64 0.00	43.35 0.76 0.00	46.63 0.81 0.00	53.41 0.89 0.00	61.23 1.14 0.00	69.09 0.99 0.00	67.42 0.14 0.00	60.36 -0.03 0.00	54.62 0.13 0.00	62.79 0.83 0.00	65.12 1.20 0.00	58.37 1.04 0.00	44.95 0.73 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.99 -0.35 0.00	34.18 -0.97 0.00	27.19 -1.15 0.00	26.98 -1.14 0.00	27.00 -1.43 0.00	29.96 -1.85 0.00	33.68 -2.35 0.00	37.44 -2.26 0.00	36.64 -2.12 0.00	36.48 -1.52 0.00	35.21 -1.10 0.00	34.33 -0.97 0.00	41.52 -1.07 0.00	45.05 -0.77 0.00	51.97 -0.55 0.00	59.52 -0.58 0.00	67.00 -1.10 0.00	67.59 0.31 0.00	60.42 0.03 0.00	54.79 0.31 0.00	61.35 -0.60 0.00	64.19 0.27 0.00	58.42 1.10 0.00	44.85 0.64 0.00
EMPIRE_CC_1 323656	42.57 0.23 0.00	35.43 0.28 0.00	28.91 0.57 0.00	28.63 0.50 0.00	28.86 0.43 0.00	32.08 0.28 0.00	36.37 0.35 0.00	40.00 0.30 0.00	39.15 0.39 0.00	38.21 0.20 0.00	36.29 -0.02 0.00	35.17 -0.13 0.00	42.37 -0.22 0.00	45.50 -0.32 0.00	52.08 -0.44 0.00	59.38 -0.71 0.00	67.57 -0.53 0.00	67.32 0.04 0.00	60.73 0.34 0.00	54.65 0.16 0.00	61.76 -0.20 0.00	63.25 -0.67 0.00	56.67 -0.66 0.00	43.84 -0.38 0.00
EMPIRE_CC_2 323658	42.57 0.23 0.00	35.43 0.28 0.00	28.91 0.57 0.00	28.63 0.50 0.00	28.86 0.43 0.00	32.08 0.28 0.00	36.37 0.35 0.00	40.00 0.30 0.00	39.15 0.39 0.00	38.21 0.20 0.00	36.29 -0.02 0.00	35.17 -0.13 0.00	42.37 -0.22 0.00	45.50 -0.32 0.00	52.08 -0.44 0.00	59.38 -0.71 0.00	67.57 -0.53 0.00	67.32 0.04 0.00	60.73 0.34 0.00	54.65 0.16 0.00	61.76 -0.20 0.00	63.25 -0.67 0.00	56.67 -0.66 0.00	43.84 -0.38 0.00
ENORWICH_115KV_TB1 80156	44.92 2.58 0.00	36.98 1.83 0.00	29.74 1.41 0.00	29.52 1.40 0.00	29.75 1.32 0.00	33.37 1.56 0.00	37.80 1.77 0.00	41.78 2.08 0.00	40.52 1.76 0.00	39.66 1.65 0.00	37.88 1.57 0.00	36.77 1.47 0.00	44.44 1.86 0.00	48.05 2.23 0.00	55.27 2.75 0.00	63.54 3.45 0.00	72.52 4.43 0.00	72.74 5.46 0.00	65.81 5.42 0.00	59.71 5.22 0.00	67.33 5.38 0.00	69.15 5.23 0.00	61.78 4.45 0.00	47.20 2.99 0.00
ERIE_ST__34_KV_TB1-2 80199	42.30 -0.04 0.00	34.39 -0.76 0.00	27.36 -0.98 0.00	27.14 -0.98 0.00	27.17 -1.26 0.00	30.17 -1.64 0.00	33.97 -2.05 0.00	37.80 -1.90 0.00	37.00 -1.76 0.00	36.83 -1.18 0.00	35.57 -0.75 0.00	34.71 -0.59 0.00	42.00 -0.58 0.00	45.62 -0.20 0.00	52.68 0.16 0.00	60.39 0.30 0.00	68.07 -0.03 0.00	68.63 1.36 0.00	61.32 0.93 0.00	55.56 1.07 0.00	62.13 0.17 0.00	64.89 0.97 0.00	58.98 1.65 0.00	45.17 0.95 0.00
ERIE_WT_PWR 323693	42.22 -0.12 0.00	34.35 -0.80 0.00	27.32 -1.02 0.00	27.11 -1.01 0.00	27.14 -1.29 0.00	30.12 -1.69 0.00	33.85 -2.18 0.00	37.66 -2.04 0.00	36.85 -1.92 0.00	36.67 -1.34 0.00	35.43 -0.88 0.00	34.53 -0.77 0.00	41.76 -0.83 0.00	45.35 -0.47 0.00	52.35 -0.17 0.00	60.00 -0.09 0.00	67.58 -0.52 0.00	68.13 0.86 0.00	60.91 0.52 0.00	55.22 0.73 0.00	61.81 -0.15 0.00	64.65 0.73 0.00	58.80 1.47 0.00	45.11 0.89 0.00
ESPRGFLD_115KV_TB1 80157	44.14 1.80 0.00	36.51 1.36 0.00	29.31 0.97 0.00	29.06 0.94 0.00	29.35 0.92 0.00	32.93 1.12 0.00	37.39 1.37 0.00	41.25 1.55 0.00	40.10 1.34 0.00	39.38 1.37 0.00	37.83 1.52 0.00	36.85 1.55 0.00	44.60 2.01 0.00	48.03 2.21 0.00	55.19 2.67 0.00	63.26 3.17 0.00	71.80 3.71 0.00	71.21 3.93 0.00	64.06 3.67 0.00	58.00 3.52 0.00	65.67 3.71 0.00	68.07 4.15 0.00	61.04 3.71 0.00	46.93 2.71 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.88 0.53 0.00	35.43 0.28 0.00	28.53 0.19 0.00	28.31 0.19 0.00	28.55 0.12 0.00	31.93 0.13 0.00	36.13 0.10 0.00	39.82 0.11 0.00	38.74 -0.02 0.00	37.93 -0.07 0.00	36.22 -0.09 0.00	35.17 -0.13 0.00	42.47 -0.12 0.00	45.94 0.12 0.00	52.69 0.17 0.00	60.46 0.37 0.00	68.75 0.66 0.00	68.89 1.61 0.00	62.13 1.74 0.00	56.28 1.80 0.00	63.52 1.57 0.00	65.41 1.49 0.00	58.61 1.28 0.00	44.97 0.76 0.00
ETNA____115KV_TB2 80207	42.88 0.53 0.00	35.43 0.28 0.00	28.53 0.19 0.00	28.31 0.19 0.00	28.55 0.12 0.00	31.93 0.13 0.00	36.13 0.10 0.00	39.82 0.11 0.00	38.74 -0.02 0.00	37.93 -0.07 0.00	36.22 -0.09 0.00	35.17 -0.13 0.00	42.47 -0.12 0.00	45.94 0.12 0.00	52.69 0.17 0.00	60.46 0.37 0.00	68.75 0.66 0.00	68.89 1.61 0.00	62.13 1.74 0.00	56.28 1.80 0.00	63.52 1.57 0.00	65.41 1.49 0.00	58.61 1.28 0.00	44.97 0.76 0.00
EUCLID___115KV_TB2 356179	41.53 -0.81 0.00	34.50 -0.65 0.00	27.82 -0.52 0.00	27.60 -0.52 0.00	27.85 -0.58 0.00	31.12 -0.69 0.00	35.19 -0.83 0.00	38.75 -0.95 0.00	37.81 -0.95 0.00	37.12 -0.88 0.00	35.52 -0.80 0.00	34.54 -0.76 0.00	41.70 -0.89 0.00	44.92 -0.90 0.00	51.57 -0.95 0.00	59.09 -1.00 0.00	67.09 -1.01 0.00	66.78 -0.50 0.00	60.04 -0.35 0.00	54.18 -0.31 0.00	61.23 -0.73 0.00	63.04 -0.88 0.00	56.51 -0.82 0.00	43.46 -0.76 0.00
E_CANADA_CAP_HY 24051	44.59 2.26 0.00	36.98 1.83 0.00	29.72 1.38 0.00	29.46 1.34 0.00	29.80 1.36 0.00	33.42 1.61 0.00	37.96 1.94 0.00	41.76 2.05 0.00	40.42 1.66 0.00	39.48 1.47 0.00	37.78 1.46 0.00	36.71 1.41 0.00	44.39 1.80 0.00	47.78 1.96 0.00	54.87 2.35 0.00	62.83 2.74 0.00	71.31 3.21 0.00	70.70 3.42 0.00	63.93 3.54 0.00	58.15 3.67 0.00	66.15 4.20 0.00	68.81 4.88 0.00	61.69 4.36 0.00	47.46 3.24 0.00
E_CANADA_MHWK_HY 24050	42.62 0.28 0.00	35.25 0.09 0.00	28.67 0.33 0.00	28.42 0.29 0.00	28.63 0.19 0.00	31.93 0.12 0.00	36.21 0.19 0.00	39.75 0.05 0.00	38.51 -0.25 0.00	37.32 -0.68 0.00	35.17 -1.14 0.00	34.04 -1.26 0.00	40.98 -1.61 0.00	44.14 -1.67 0.00	50.66 -1.86 0.00	58.34 -1.75 0.00	66.47 -1.63 0.00	67.10 -0.17 0.00	61.34 0.95 0.00	55.66 1.18 0.00	62.84 0.89 0.00	64.03 0.11 0.00	57.07 -0.26 0.00	43.88 -0.34 0.00
E_FISHKILL___LBMP 23776	43.50 1.16 0.00	36.08 0.92 0.00	29.24 0.90 0.00	28.91 0.79 0.00	29.10 0.66 0.00	32.42 0.61 0.00	36.87 0.85 0.00	40.78 1.08 0.00	39.95 1.19 0.00	39.22 1.22 0.00	37.50 1.19 0.00	36.51 1.21 0.00	44.06 1.47 0.00	47.30 1.48 0.00	54.09 1.57 0.00	61.80 1.70 0.00	70.47 2.38 0.00	70.30 3.03 0.00	63.04 2.66 0.00	56.46 1.97 0.00	63.35 1.40 0.00	64.60 0.68 0.00	57.90 0.57 0.00	44.87 0.65 0.00
FALCON___SEABRD_CC1 323796	42.59 0.24 0.00	35.41 0.25 0.00	28.43 0.09 0.00	28.30 0.17 0.00	28.70 0.27 0.00	32.26 0.46 0.00	36.67 0.65 0.00	40.56 0.86 0.00	39.63 0.87 0.00	38.78 0.77 0.00	37.10 0.79 0.00	35.93 0.63 0.00	43.33 0.75 0.00	46.63 0.82 0.00	53.45 0.93 0.00	61.34 1.25 0.00	69.30 1.20 0.00	67.63 0.35 0.00	60.61 0.22 0.00	54.80 0.32 0.00	62.99 1.04 0.00	65.14 1.22 0.00	58.40 1.07 0.00	44.93 0.71 0.00
FALCON___SEABRD_CC2 323797	42.59 0.24 0.00	35.41 0.25 0.00	28.43 0.09 0.00	28.30 0.17 0.00	28.70 0.27 0.00	32.26 0.46 0.00	36.67 0.65 0.00	40.56 0.86 0.00	39.63 0.87 0.00	38.78 0.77 0.00	37.10 0.79 0.00	35.93 0.63 0.00	43.33 0.75 0.00	46.63 0.82 0.00	53.45 0.93 0.00	61.34 1.25 0.00	69.30 1.20 0.00	67.63 0.35 0.00	60.61 0.22 0.00	54.80 0.32 0.00	62.99 1.04 0.00	65.14 1.22 0.00	58.40 1.07 0.00	44.93 0.71 0.00

FAR ROCKAWAY___4 23548	44.70 2.36 0.00	36.98 1.83 0.00	29.94 1.60 0.00	29.54 1.42 0.00	29.70 1.27 0.00	33.06 1.26 0.00	37.49 1.47 0.00	41.59 1.89 0.00	40.81 2.05 0.00	40.23 2.22 0.00	38.81 2.50 0.00	38.07 2.77 0.00	46.03 3.41 -0.03	49.12 3.30 0.00	56.10 3.58 0.00	64.03 3.94 0.00	73.18 5.08 0.00	73.03 5.75 0.00	65.06 4.67 0.00	57.93 3.44 0.00	64.66 2.70 0.00	69.29 1.91 -3.46	59.08 1.75 0.00	46.04 1.82 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.14 1.80 0.00	36.55 1.39 0.00	29.62 1.28 0.00	29.26 1.13 0.00	29.41 0.98 0.00	32.74 0.93 0.00	37.28 1.25 0.00	41.31 1.61 0.00	40.54 1.78 0.00	39.92 1.91 0.00	38.27 1.96 0.00	37.28 1.99 0.00	45.03 2.44 0.00	48.30 2.48 0.00	55.15 2.63 0.00	62.98 2.89 0.00	71.87 3.77 0.00	71.67 4.39 0.00	64.13 3.74 0.00	57.31 2.83 0.00	64.12 2.17 0.00	65.30 1.38 0.00	58.55 1.23 0.00	45.48 1.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.14 1.80 0.00	36.56 1.41 0.00	29.64 1.30 0.00	29.26 1.13 0.00	29.41 0.98 0.00	32.75 0.94 0.00	37.28 1.26 0.00	41.32 1.62 0.00	40.54 1.78 0.00	39.91 1.91 0.00	38.26 1.95 0.00	37.28 1.99 0.00	45.03 2.44 0.00	48.30 2.48 0.00	55.15 2.63 0.00	62.98 2.89 0.00	71.88 3.78 0.00	71.67 4.39 0.00	64.14 3.75 0.00	57.33 2.84 0.00	64.15 2.19 0.00	65.32 1.40 0.00	58.57 1.25 0.00	45.49 1.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.10 1.76 0.00	36.53 1.38 0.00	29.61 1.27 0.00	29.23 1.11 0.00	29.39 0.96 0.00	32.73 0.92 0.00	37.26 1.24 0.00	41.29 1.59 0.00	40.51 1.75 0.00	39.89 1.89 0.00	38.24 1.93 0.00	37.26 1.96 0.00	44.99 2.41 0.00	48.27 2.45 0.00	55.11 2.59 0.00	62.93 2.84 0.00	71.80 3.70 0.00	71.61 4.33 0.00	64.08 3.69 0.00	57.26 2.77 0.00	64.07 2.11 0.00	65.23 1.31 0.00	58.50 1.17 0.00	45.44 1.22 0.00
FARRAGUT___LBMP 323566	44.06 1.72 0.00	36.50 1.35 0.00	29.58 1.24 0.00	29.21 1.09 0.00	29.38 0.95 0.00	32.70 0.90 0.00	37.22 1.20 0.00	41.25 1.55 0.00	40.47 1.71 0.00	39.85 1.84 0.00	38.20 1.89 0.00	37.21 1.91 0.00	44.94 2.36 0.00	48.20 2.38 0.00	55.04 2.52 0.00	62.85 2.76 0.00	71.71 3.62 0.00	71.52 4.25 0.00	64.01 3.62 0.00	57.20 2.71 0.00	64.00 2.04 0.00	65.17 1.25 0.00	58.44 1.11 0.00	45.40 1.18 0.00
FENNER___WINDPWR 24204	42.94 0.60 0.00	35.60 0.44 0.00	28.71 0.37 0.00	28.50 0.38 0.00	28.78 0.35 0.00	32.24 0.43 0.00	36.52 0.49 0.00	40.21 0.51 0.00	39.16 0.40 0.00	38.35 0.34 0.00	36.60 0.29 0.00	35.54 0.24 0.00	42.90 0.31 0.00	46.38 0.56 0.00	53.17 0.65 0.00	60.94 0.85 0.00	69.31 1.21 0.00	69.12 1.84 0.00	62.31 1.93 0.00	56.40 1.92 0.00	63.86 1.90 0.00	65.73 1.81 0.00	58.83 1.51 0.00	45.19 0.98 0.00
FIBERTEK___ENERGY 23856	42.03 -0.31 0.00	34.88 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.23 0.00	28.15 -0.28 0.00	31.47 -0.33 0.00	35.57 -0.45 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.52 0.00	35.86 -0.46 0.00	34.86 -0.44 0.00	42.13 -0.46 0.00	45.40 -0.42 0.00	52.15 -0.37 0.00	59.76 -0.33 0.00	67.89 -0.21 0.00	67.68 0.40 0.00	60.90 0.51 0.00	54.97 0.49 0.00	62.06 0.10 0.00	63.89 -0.03 0.00	57.23 -0.10 0.00	44.00 -0.22 0.00
FITZPATRICK___ 23598	40.96 -1.38 0.00	34.06 -1.09 0.00	27.48 -0.86 0.00	27.26 -0.86 0.00	27.52 -0.91 0.00	30.76 -1.05 0.00	34.76 -1.27 0.00	38.24 -1.46 0.00	37.32 -1.44 0.00	36.63 -1.38 0.00	35.02 -1.30 0.00	34.05 -1.25 0.00	41.09 -1.49 0.00	44.25 -1.58 0.00	50.77 -1.75 0.00	58.13 -1.97 0.00	65.95 -2.15 0.00	65.53 -1.75 0.00	58.90 -1.49 0.00	53.15 -1.34 0.00	60.16 -1.79 0.00	61.99 -1.93 0.00	55.59 -1.74 0.00	42.82 -1.40 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.05 1.70 0.00	36.48 1.32 0.00	29.54 1.20 0.00	29.21 1.09 0.00	29.41 0.98 0.00	32.80 0.99 0.00	37.31 1.29 0.00	41.30 1.60 0.00	40.47 1.71 0.00	39.75 1.74 0.00	38.03 1.72 0.00	37.03 1.73 0.00	44.71 2.13 0.00	48.09 2.27 0.00	55.05 2.53 0.00	63.02 2.93 0.00	72.00 3.90 0.00	71.87 4.60 0.00	64.47 4.09 0.00	57.72 3.24 0.00	64.71 2.76 0.00	65.94 2.02 0.00	59.00 1.68 0.00	45.59 1.37 0.00
FORT ORANGE___ 23900	42.67 0.33 0.00	35.47 0.32 0.00	28.90 0.57 0.00	28.63 0.51 0.00	28.87 0.44 0.00	32.15 0.34 0.00	36.48 0.46 0.00	40.11 0.41 0.00	39.17 0.41 0.00	38.17 0.17 0.00	36.27 -0.04 0.00	35.15 -0.15 0.00	42.25 -0.34 0.00	45.40 -0.42 0.00	52.00 -0.52 0.00	54.87 -0.78 4.44	64.73 -0.59 2.78	67.31 0.03 0.00	60.83 0.45 0.00	54.80 0.32 0.00	61.95 -0.01 0.00	63.44 -0.49 0.00	56.75 -0.57 0.00	43.84 -0.38 0.00
FORT_DRUM_COGEN 23780	43.42 1.08 0.00	36.17 1.01 0.00	29.21 0.87 0.00	29.28 1.16 0.00	29.78 1.35 0.00	33.62 1.81 0.00	37.97 1.95 0.00	41.82 2.11 0.00	40.51 1.75 0.00	39.54 1.54 0.00	37.57 1.25 0.00	36.22 0.92 0.00	43.51 0.92 0.00	47.03 1.21 0.00	53.82 1.30 0.00	61.46 1.37 0.00	69.97 1.87 0.00	69.88 2.60 0.00	63.34 2.95 0.00	58.38 3.89 0.00	67.01 5.05 0.00	69.63 5.71 0.00	62.25 4.92 0.00	47.59 3.37 0.00
FOX_HILLS___ESR 323835	44.22 1.88 0.00	36.64 1.48 0.00	29.66 1.31 0.00	29.28 1.15 0.00	29.43 0.99 0.00	32.71 0.91 0.00	37.23 1.20 0.00	41.27 1.57 0.00	40.51 1.75 0.00	39.84 1.84 0.00	38.19 1.88 0.00	37.22 1.92 0.00	44.90 2.31 0.00	48.21 2.39 0.00	55.20 2.68 0.00	63.01 2.92 0.00	71.70 3.60 0.00	71.48 4.21 0.00	64.01 3.62 0.00	57.17 2.69 0.00	63.94 1.98 0.00	65.13 1.21 0.00	58.54 1.22 0.00	45.61 1.39 0.00
FPL_FAR_ROCK_GT1 24212	44.70 2.36 0.00	36.98 1.83 0.00	29.94 1.60 0.00	29.54 1.42 0.00	29.70 1.27 0.00	33.06 1.26 0.00	37.49 1.47 0.00	41.59 1.89 0.00	40.81 2.05 0.00	40.23 2.23 0.00	38.81 2.50 0.00	38.07 2.77 0.00	46.03 3.41 -0.03	49.11 3.29 0.00	56.10 3.58 0.00	64.04 3.95 0.00	73.18 5.08 0.00	73.03 5.75 0.00	65.06 4.67 0.00	57.93 3.44 0.00	64.66 2.70 0.00	69.29 1.91 -3.46	59.04 1.71 0.00	46.03 1.82 0.00
FPL_FAR_ROCK_GT2 23815	44.70 2.36 0.00	36.98 1.83 0.00	29.94 1.60 0.00	29.54 1.42 0.00	29.70 1.27 0.00	33.06 1.26 0.00	37.49 1.47 0.00	41.59 1.89 0.00	40.81 2.05 0.00	40.23 2.23 0.00	38.81 2.50 0.00	38.07 2.77 0.00	46.03 3.41 -0.03	49.11 3.29 0.00	56.10 3.58 0.00	64.04 3.95 0.00	73.18 5.08 0.00	73.03 5.75 0.00	65.06 4.67 0.00	57.93 3.44 0.00	64.66 2.70 0.00	69.29 1.91 -3.46	59.04 1.71 0.00	46.03 1.82 0.00
FRANKLIN_FALL_HYD 24054	43.23 0.89 0.00	35.92 0.76 0.00	28.71 0.37 0.00	28.57 0.45 0.00	29.01 0.58 0.00	32.73 0.92 0.00	37.14 1.12 0.00	41.07 1.36 0.00	40.05 1.29 0.00	39.23 1.23 0.00	37.58 1.27 0.00	36.54 1.24 0.00	44.02 1.43 0.00	47.36 1.55 0.00	54.23 1.71 0.00	62.17 2.08 0.00	70.03 1.93 0.00	68.37 1.09 0.00	61.29 0.90 0.00	55.58 1.10 0.00	64.00 2.04 0.00	66.65 2.73 0.00	59.76 2.43 0.00	45.95 1.73 0.00

FREEPORT_EQUS_GT1 23764	44.26 1.93 0.00	36.63 1.48 0.00	29.68 1.34 0.00	29.28 1.15 0.00	29.42 1.00 0.00	32.74 0.93 0.00	37.14 1.12 0.00	41.21 1.51 0.00	40.44 1.68 0.00	39.84 1.84 0.00	38.39 2.08 0.00	37.64 2.34 0.00	45.51 2.89 -0.03	48.51 2.68 0.00	55.39 2.87 0.00	63.31 3.22 0.00	72.23 4.13 0.00	71.84 4.56 0.00	64.23 3.84 0.00	57.17 2.68 0.00	63.70 1.84 0.09	63.18 1.21 1.96	40.35 1.08 18.06	45.38 1.16 0.00
FREEPORT___CT2 23818	44.26 1.93 0.00	36.63 1.48 0.00	29.68 1.34 0.00	29.28 1.15 0.00	29.42 1.00 0.00	32.74 0.93 0.00	37.14 1.12 0.00	41.21 1.51 0.00	40.44 1.68 0.00	39.84 1.84 0.00	38.39 2.08 0.00	37.64 2.34 0.00	45.51 2.89 -0.03	48.51 2.68 0.00	55.39 2.87 0.00	63.31 3.22 0.00	72.23 4.13 0.00	71.84 4.56 0.00	64.23 3.84 0.00	57.17 2.68 0.00	63.70 1.84 0.09	63.18 1.21 1.96	40.35 1.08 18.06	45.38 1.16 0.00
FRESHKLS_33_KV_LOAD 356253	44.29 1.95 0.00	36.70 1.55 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.47 1.04 0.00	32.72 0.91 0.00	37.24 1.22 0.00	41.28 1.58 0.00	40.51 1.75 0.00	39.83 1.83 0.00	38.17 1.86 0.00	37.23 1.93 0.00	44.90 2.31 0.00	48.22 2.40 0.00	55.24 2.72 0.00	63.11 3.02 0.00	71.77 3.67 0.00	71.55 4.27 0.00	64.08 3.69 0.00	57.27 2.78 0.00	64.07 2.11 0.00	65.27 1.35 0.00	58.66 1.33 0.00	45.70 1.47 0.00
FULTON COGEN____ 23766	41.46 -0.88 0.00	34.45 -0.70 0.00	27.79 -0.55 0.00	27.57 -0.55 0.00	27.82 -0.61 0.00	31.11 -0.70 0.00	35.17 -0.85 0.00	38.74 -0.96 0.00	37.79 -0.97 0.00	37.07 -0.93 0.00	35.43 -0.88 0.00	34.42 -0.88 0.00	41.54 -1.05 0.00	44.75 -1.07 0.00	51.36 -1.16 0.00	58.83 -1.26 0.00	66.86 -1.24 0.00	66.57 -0.70 0.00	59.92 -0.47 0.00	54.09 -0.39 0.00	61.20 -0.76 0.00	62.95 -0.97 0.00	56.38 -0.95 0.00	43.37 -0.85 0.00
FULTON___LFGE 323630	44.59 2.25 0.00	36.97 1.82 0.00	29.80 1.46 0.00	29.53 1.40 0.00	29.84 1.41 0.00	33.41 1.61 0.00	37.97 1.95 0.00	41.75 2.05 0.00	40.33 1.57 0.00	39.21 1.21 0.00	37.27 0.95 0.00	36.11 0.81 0.00	43.58 1.00 0.00	46.93 1.11 0.00	53.86 1.34 0.00	61.78 1.69 0.00	70.45 2.36 0.00	70.32 3.05 0.00	63.97 3.58 0.00	58.33 3.85 0.00	66.29 4.34 0.00	68.50 4.58 0.00	61.29 3.96 0.00	47.11 2.89 0.00
G.F.CEMENT___DRP 24184	44.47 2.13 0.00	36.92 1.77 0.00	29.87 1.52 0.00	29.59 1.47 0.00	29.88 1.45 0.00	33.37 1.56 0.00	37.93 1.90 0.00	41.82 2.11 0.00	40.77 2.01 0.00	39.67 1.67 0.00	37.26 0.95 0.00	36.08 0.78 0.00	43.45 0.86 0.00	46.75 0.93 0.00	53.74 1.22 0.00	61.77 1.68 0.00	70.68 2.58 0.00	70.73 3.46 0.00	64.37 3.98 0.00	58.22 3.73 0.00	65.66 3.70 0.00	66.97 3.05 0.00	59.84 2.51 0.00	45.96 1.74 0.00
GARDENVILLE___LBMP 24039	42.09 -0.25 0.00	34.25 -0.90 0.00	27.25 -1.09 0.00	27.05 -1.08 0.00	27.07 -1.36 0.00	30.04 -1.76 0.00	33.78 -2.24 0.00	37.56 -2.14 0.00	36.74 -2.02 0.00	36.57 -1.43 0.00	35.29 -1.02 0.00	34.42 -0.88 0.00	41.61 -0.98 0.00	45.18 -0.64 0.00	52.14 -0.38 0.00	59.74 -0.36 0.00	67.25 -0.85 0.00	67.84 0.57 0.00	60.66 0.27 0.00	55.00 0.51 0.00	61.56 -0.40 0.00	64.38 0.46 0.00	58.60 1.27 0.00	44.96 0.75 0.00
GARDNVLA_35_KV_LD 355827	42.25 -0.09 0.00	34.37 -0.78 0.00	27.34 -1.00 0.00	27.12 -1.00 0.00	27.15 -1.29 0.00	30.12 -1.68 0.00	33.87 -2.16 0.00	37.67 -2.03 0.00	36.88 -1.88 0.00	36.72 -1.28 0.00	35.46 -0.85 0.00	34.59 -0.71 0.00	41.85 -0.74 0.00	45.45 -0.37 0.00	52.47 -0.04 0.00	60.16 0.06 0.00	67.74 -0.36 0.00	68.32 1.04 0.00	61.07 0.68 0.00	55.36 0.87 0.00	61.94 -0.01 0.00	64.78 0.85 0.00	58.90 1.57 0.00	45.17 0.96 0.00
GELCKHM___115KV_LOAD 80723	41.72 -0.62 0.00	34.64 -0.51 0.00	27.93 -0.41 0.00	27.71 -0.41 0.00	27.96 -0.47 0.00	31.25 -0.55 0.00	35.33 -0.68 0.00	38.91 -0.79 0.00	37.95 -0.81 0.00	37.26 -0.74 0.00	35.64 -0.67 0.00	34.66 -0.64 0.00	41.87 -0.72 0.00	45.11 -0.71 0.00	51.81 -0.71 0.00	59.37 -0.73 0.00	67.39 -0.71 0.00	67.13 -0.15 0.00	60.38 -0.01 0.00	54.49 0.00 0.00	61.56 -0.40 0.00	63.37 -0.55 0.00	56.79 -0.54 0.00	43.68 -0.54 0.00
GENERAL___MILLS 23808	42.19 -0.15 0.00	34.32 -0.83 0.00	27.30 -1.04 0.00	27.10 -1.03 0.00	27.12 -1.32 0.00	30.10 -1.71 0.00	33.84 -2.18 0.00	37.63 -2.08 0.00	36.82 -1.94 0.00	36.67 -1.34 0.00	35.39 -0.92 0.00	34.52 -0.79 0.00	41.74 -0.85 0.00	45.32 -0.50 0.00	52.31 -0.21 0.00	59.94 -0.15 0.00	67.50 -0.60 0.00	68.09 0.81 0.00	60.87 0.48 0.00	55.18 0.69 0.00	61.76 -0.20 0.00	64.59 0.67 0.00	58.75 1.43 0.00	45.09 0.87 0.00
GE_PLASTICS___DRP 24183	42.62 0.28 0.00	35.43 0.28 0.00	28.84 0.50 0.00	28.57 0.45 0.00	28.81 0.38 0.00	32.09 0.28 0.00	36.40 0.38 0.00	40.06 0.36 0.00	39.14 0.38 0.00	38.23 0.22 0.00	36.33 0.02 0.00	35.17 -0.13 0.00	42.23 -0.36 0.00	45.34 -0.48 0.00	51.91 -0.61 0.00	-19.85 -0.96 78.98	17.85 -0.90 49.35	66.85 -0.43 0.00	60.25 -0.13 0.00	54.22 -0.26 0.00	61.30 -0.66 0.00	62.85 -1.08 0.00	56.29 -1.03 0.00	43.53 -0.69 0.00
GILBOA___1 23756	42.90 0.56 0.00	35.74 0.58 0.00	29.17 0.83 0.00	28.90 0.78 0.00	29.13 0.70 0.00	32.47 0.66 0.00	36.83 0.81 0.00	40.44 0.74 0.00	39.36 0.60 0.00	38.55 0.54 0.00	36.75 0.44 0.00	35.71 0.41 0.00	43.06 0.48 0.00	46.25 0.43 0.00	52.94 0.42 0.00	60.30 0.21 0.00	68.40 0.30 0.00	67.93 0.65 0.00	61.25 0.86 0.00	55.09 0.60 0.00	62.11 0.15 0.00	63.69 -0.23 0.00	57.19 -0.13 0.00	44.33 0.12 0.00
GILBOA___2 23757	42.90 0.56 0.00	35.74 0.58 0.00	29.17 0.83 0.00	28.90 0.78 0.00	29.13 0.70 0.00	32.47 0.66 0.00	36.83 0.81 0.00	40.44 0.74 0.00	39.36 0.60 0.00	38.55 0.54 0.00	36.75 0.44 0.00	35.71 0.41 0.00	43.06 0.48 0.00	46.25 0.43 0.00	52.94 0.42 0.00	60.30 0.21 0.00	68.40 0.30 0.00	67.93 0.65 0.00	61.25 0.86 0.00	55.09 0.60 0.00	62.11 0.15 0.00	63.69 -0.23 0.00	57.19 -0.13 0.00	44.33 0.12 0.00
GILBOA___3 23758	42.90 0.56 0.00	35.74 0.58 0.00	29.17 0.83 0.00	28.90 0.78 0.00	29.13 0.70 0.00	32.47 0.66 0.00	36.83 0.81 0.00	40.44 0.74 0.00	39.36 0.60 0.00	38.55 0.54 0.00	36.75 0.44 0.00	35.71 0.41 0.00	43.06 0.48 0.00	46.25 0.43 0.00	52.94 0.42 0.00	60.30 0.21 0.00	68.40 0.30 0.00	67.93 0.65 0.00	61.25 0.86 0.00	55.09 0.60 0.00	62.11 0.15 0.00	63.69 -0.23 0.00	57.19 -0.13 0.00	44.33 0.12 0.00
GILBOA___4 23759	42.90 0.56 0.00	35.74 0.58 0.00	29.17 0.83 0.00	28.90 0.78 0.00	29.13 0.70 0.00	32.47 0.66 0.00	36.83 0.81 0.00	40.44 0.74 0.00	39.36 0.60 0.00	38.55 0.54 0.00	36.75 0.44 0.00	35.71 0.41 0.00	43.06 0.48 0.00	46.25 0.43 0.00	52.94 0.42 0.00	60.30 0.21 0.00	68.40 0.30 0.00	67.93 0.65 0.00	61.25 0.86 0.00	55.09 0.60 0.00	62.11 0.15 0.00	63.69 -0.23 0.00	57.19 -0.13 0.00	44.33 0.12 0.00

GILBOA____ 23599	42.90 0.56 0.00	35.74 0.58 0.00	29.17 0.83 0.00	28.90 0.78 0.00	29.13 0.70 0.00	32.47 0.66 0.00	36.84 0.81 0.00	40.44 0.74 0.00	39.37 0.60 0.00	38.54 0.53 0.00	36.75 0.44 0.00	35.71 0.41 0.00	43.06 0.48 0.00	46.25 0.43 0.00	52.94 0.42 0.00	60.30 0.21 0.00	68.40 0.30 0.00	67.93 0.65 0.00	61.25 0.86 0.00	55.09 0.60 0.00	62.11 0.15 0.00	63.69 -0.24 0.00	57.19 -0.13 0.00	44.33 0.12 0.00
GINNA____ 23603	40.35 -1.99 0.00	33.25 -1.90 0.00	26.66 -1.68 0.00	26.43 -1.70 0.00	26.62 -1.81 0.00	29.69 -2.12 0.00	33.54 -2.49 0.00	37.09 -2.62 0.00	36.21 -2.55 0.00	35.73 -2.28 0.00	34.30 -2.01 0.00	33.41 -1.89 0.00	40.45 -2.14 0.00	43.75 -2.07 0.00	50.38 -2.14 0.00	57.87 -2.23 0.00	65.68 -2.42 0.00	65.78 -1.50 0.00	59.05 -1.33 0.00	53.28 -1.21 0.00	59.97 -1.99 0.00	61.98 -1.95 0.00	55.62 -1.71 0.00	42.65 -1.57 0.00
GLEN PARK____ 23778	43.67 1.33 0.00	36.35 1.20 0.00	29.35 1.01 0.00	29.40 1.28 0.00	29.91 1.48 0.00	33.76 1.96 0.00	38.15 2.12 0.00	41.99 2.29 0.00	40.66 1.90 0.00	39.67 1.67 0.00	37.68 1.37 0.00	36.28 0.97 0.00	43.54 0.95 0.00	47.05 1.23 0.00	53.85 1.33 0.00	61.45 1.36 0.00	70.02 1.92 0.00	69.99 2.71 0.00	63.54 3.15 0.00	58.71 4.23 0.00	67.50 5.55 0.00	70.14 6.22 0.00	62.67 5.34 0.00	47.85 3.63 0.00
GLENDALE_27_KV_LOAD 356172	44.40 2.06 0.00	36.80 1.64 0.00	29.82 1.48 0.00	29.44 1.32 0.00	29.59 1.16 0.00	32.92 1.11 0.00	37.46 1.44 0.00	41.57 1.87 0.00	40.81 2.05 0.00	40.17 2.16 0.00	38.53 2.22 0.00	37.51 2.21 0.00	45.28 2.70 0.00	48.52 2.70 0.00	55.44 2.92 0.00	63.28 3.19 0.00	72.16 4.06 0.00	71.95 4.68 0.00	64.35 3.96 0.00	57.49 3.00 0.00	64.30 2.34 0.00	65.46 1.54 0.00	58.77 1.44 0.00	45.68 1.46 0.00
GLENWOOD_IC_1_G5 23712	44.17 1.83 0.00	36.58 1.42 0.00	29.63 1.29 0.00	29.25 1.13 0.00	29.41 0.98 0.00	32.75 0.95 0.00	37.21 1.19 0.00	41.24 1.54 0.00	40.26 1.50 0.00	39.64 1.64 0.00	38.11 1.80 0.00	37.28 1.98 0.00	45.22 2.61 -0.03	48.48 2.66 0.00	55.27 2.75 0.00	62.92 2.82 0.00	71.90 3.80 0.00	71.71 4.43 0.00	64.01 3.62 0.00	57.10 2.62 0.00	63.73 1.83 0.06	63.68 1.01 1.25	47.59 1.04 10.77	45.44 1.22 0.00
GLENWOOD_IC_2_G1 23688	44.01 1.67 0.00	36.45 1.30 0.00	29.54 1.20 0.00	29.16 1.04 0.00	29.33 0.90 0.00	32.67 0.86 0.00	37.12 1.10 0.00	41.14 1.44 0.00	40.34 1.58 0.00	39.71 1.71 0.00	38.15 1.84 0.00	37.23 1.93 0.00	45.01 2.39 -0.03	48.17 2.35 0.00	55.01 2.49 0.00	62.83 2.73 0.00	71.74 3.65 0.00	71.56 4.28 0.00	63.98 3.59 0.00	57.13 2.64 0.00	63.88 1.93 0.00	65.07 1.15 0.00	58.31 0.98 0.00	45.29 1.07 0.00
GLENWOOD_IC_3_G1 23689	44.01 1.67 0.00	36.45 1.30 0.00	29.54 1.20 0.00	29.16 1.04 0.00	29.33 0.90 0.00	32.67 0.86 0.00	37.12 1.10 0.00	41.14 1.44 0.00	40.34 1.58 0.00	39.71 1.71 0.00	38.15 1.84 0.00	37.23 1.93 0.00	45.01 2.39 -0.03	48.17 2.35 0.00	55.01 2.49 0.00	62.83 2.73 0.00	71.74 3.65 0.00	71.56 4.28 0.00	63.98 3.59 0.00	57.13 2.64 0.00	63.88 1.93 0.00	65.07 1.15 0.00	58.31 0.98 0.00	45.29 1.07 0.00
GLENWOOD____4 23550	44.17 1.83 0.00	36.58 1.42 0.00	29.63 1.29 0.00	29.25 1.13 0.00	29.41 0.98 0.00	32.75 0.95 0.00	37.21 1.19 0.00	41.24 1.54 0.00	40.35 1.59 0.00	39.73 1.72 0.00	38.19 1.88 0.00	37.37 2.07 0.00	45.27 2.65 -0.03	48.48 2.66 0.00	55.31 2.79 0.00	63.07 2.98 0.00	72.07 3.97 0.00	71.87 4.60 0.00	64.17 3.78 0.00	57.23 2.74 0.00	63.88 1.99 0.06	63.84 1.17 1.25	47.66 1.11 10.77	45.44 1.22 0.00
GLENWOOD____5 23614	44.17 1.83 0.00	36.58 1.42 0.00	29.63 1.29 0.00	29.25 1.13 0.00	29.41 0.98 0.00	32.75 0.95 0.00	37.21 1.19 0.00	41.24 1.54 0.00	40.35 1.59 0.00	39.73 1.72 0.00	38.19 1.88 0.00	37.37 2.07 0.00	45.27 2.65 -0.03	48.48 2.66 0.00	55.31 2.79 0.00	63.07 2.98 0.00	72.07 3.97 0.00	71.87 4.60 0.00	64.17 3.78 0.00	57.23 2.74 0.00	63.88 1.99 0.06	63.84 1.17 1.25	47.66 1.11 10.77	45.44 1.22 0.00
GLOBAL GREEN_PORT_GT1 23814	45.53 3.19 0.00	37.62 2.47 0.00	30.49 2.15 0.00	30.08 1.96 0.00	30.25 1.82 0.00	33.59 1.78 0.00	38.14 2.12 0.00	42.43 2.73 0.00	41.84 3.08 0.00	41.22 3.22 0.00	39.83 3.52 0.00	39.41 4.11 0.00	47.72 5.11 -0.03	50.71 4.89 0.00	56.90 4.38 0.00	64.86 4.76 0.00	74.69 6.59 0.00	74.92 7.64 0.00	66.52 6.14 0.00	58.60 4.11 0.00	64.84 3.07 0.19	61.36 3.59 6.15	25.48 3.29 35.13	46.74 2.52 0.00
GLOBE____DSASP 323697	40.90 -1.44 0.00	33.37 -1.78 0.00	26.50 -1.84 0.00	26.31 -1.82 0.00	26.31 -2.12 0.00	29.14 -2.67 0.00	32.68 -3.34 0.00	36.32 -3.38 0.00	35.58 -3.18 0.00	35.47 -2.53 0.00	34.24 -2.07 0.00	33.39 -1.91 0.00	40.37 -2.22 0.00	43.75 -2.07 0.00	50.41 -2.11 0.00	57.64 -2.46 0.00	64.75 -3.35 0.00	65.37 -1.91 0.00	58.49 -1.90 0.00	53.09 -1.40 0.00	59.51 -2.45 0.00	62.48 -1.44 0.00	56.91 -0.41 0.00	43.75 -0.46 0.00
GOETHSLN____LBMP 323567	43.88 1.54 0.00	36.34 1.18 0.00	29.45 1.11 0.00	29.07 0.95 0.00	29.22 0.79 0.00	32.56 0.75 0.00	37.07 1.05 0.00	41.07 1.37 0.00	40.28 1.52 0.00	39.66 1.66 0.00	38.02 1.71 0.00	37.01 1.71 0.00	44.68 2.10 0.00	47.93 2.11 0.00	54.73 2.21 0.00	62.43 2.34 0.00	71.24 3.15 0.00	71.06 3.78 0.00	63.64 3.25 0.00	56.88 2.39 0.00	63.60 1.65 0.00	64.74 0.82 0.00	58.08 0.75 0.00	45.16 0.94 0.00
GOLAH____69_KV_TB 1_2 80279	42.58 0.24 0.00	34.94 -0.21 0.00	27.95 -0.39 0.00	27.72 -0.40 0.00	27.87 -0.56 0.00	31.06 -0.74 0.00	35.06 -0.96 0.00	38.82 -0.88 0.00	37.89 -0.88 0.00	37.39 -0.62 0.00	35.90 -0.42 0.00	34.96 -0.34 0.00	42.29 -0.30 0.00	45.78 -0.04 0.00	52.78 0.26 0.00	60.57 0.47 0.00	68.65 0.55 0.00	69.12 1.85 0.00	62.05 1.66 0.00	56.12 1.63 0.00	63.15 1.20 0.00	65.47 1.55 0.00	58.97 1.64 0.00	45.23 1.01 0.00
GOODYEAR_LAKE_HYD 323669	43.54 1.20 0.00	35.99 0.83 0.00	28.95 0.61 0.00	28.71 0.58 0.00	28.96 0.53 0.00	32.43 0.62 0.00	36.80 0.77 0.00	40.63 0.93 0.00	39.62 0.86 0.00	38.94 0.93 0.00	37.36 1.05 0.00	36.38 1.08 0.00	44.00 1.41 0.00	47.39 1.57 0.00	54.42 1.90 0.00	62.37 2.28 0.00	70.90 2.80 0.00	70.53 3.26 0.00	63.36 2.97 0.00	57.16 2.67 0.00	64.50 2.55 0.00	66.44 2.52 0.00	59.56 2.23 0.00	45.80 1.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.40 0.06 0.00	34.95 -0.20 0.00	28.15 -0.19 0.00	27.95 -0.17 0.00	28.16 -0.27 0.00	31.48 -0.33 0.00	35.61 -0.42 0.00	39.30 -0.40 0.00	38.30 -0.46 0.00	37.66 -0.35 0.00	36.07 -0.24 0.00	35.11 -0.19 0.00	42.38 -0.21 0.00	45.75 -0.07 0.00	52.61 0.10 0.00	60.38 0.29 0.00	68.44 0.34 0.00	68.38 1.11 0.00	61.29 0.90 0.00	55.41 0.92 0.00	62.33 0.37 0.00	64.22 0.29 0.00	57.77 0.45 0.00	44.38 0.16 0.00

GOUDEY___7 23579	42.40 0.06 0.00	34.95 -0.20 0.00	28.15 -0.19 0.00	27.95 -0.17 0.00	28.16 -0.27 0.00	31.48 -0.33 0.00	35.61 -0.42 0.00	39.30 -0.40 0.00	38.30 -0.46 0.00	37.66 -0.35 0.00	36.07 -0.24 0.00	35.11 -0.19 0.00	42.38 -0.21 0.00	45.75 -0.07 0.00	52.61 0.10 0.00	60.38 0.29 0.00	68.44 0.34 0.00	68.38 1.11 0.00	61.29 0.90 0.00	55.41 0.92 0.00	62.33 0.37 0.00	64.22 0.29 0.00	57.77 0.45 0.00	44.38 0.16 0.00
GOUDEY___8 23580	42.40 0.06 0.00	34.95 -0.20 0.00	28.15 -0.19 0.00	27.95 -0.17 0.00	28.16 -0.27 0.00	31.48 -0.33 0.00	35.61 -0.42 0.00	39.30 -0.40 0.00	38.30 -0.46 0.00	37.66 -0.35 0.00	36.07 -0.24 0.00	35.11 -0.19 0.00	42.38 -0.21 0.00	45.75 -0.07 0.00	52.61 0.10 0.00	60.38 0.29 0.00	68.44 0.34 0.00	68.38 1.11 0.00	61.29 0.90 0.00	55.41 0.92 0.00	62.33 0.37 0.00	64.22 0.29 0.00	57.77 0.45 0.00	44.38 0.16 0.00
GOWANUS_GT1_1 24077	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT1_2 24078	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT1_3 24079	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT1_4 24080	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT1_5 24084	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT1_6 24111	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT1_7 24112	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT1_8 24113	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT2_1 24114	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT2_2 24115	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT2_3 24116	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT2_4 24117	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT2_5 24118	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00

GOWANUS_GT2_6 24119	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT2_7 24120	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT2_8 24121	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_1 24122	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_2 24123	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_3 24124	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_4 24125	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_5 24126	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_6 24127	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_7 24128	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT3_8 24129	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT4_1 24130	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT4_2 24131	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT4_3 24132	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT4_4 24133	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00

GOWANUS_GT4_5 24134	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT4_6 24135	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT4_7 24136	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GOWANUS_GT4_8 24137	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.68 0.00	40.62 1.86 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GREATVR_69_KV_BK1 356245	44.57 2.22 0.00	36.89 1.73 0.00	29.90 1.56 0.00	29.48 1.36 0.00	29.64 1.21 0.00	32.92 1.12 0.00	37.35 1.33 0.00	41.51 1.80 0.00	40.82 2.06 0.00	40.20 2.20 0.00	38.79 2.48 0.00	38.12 2.82 0.00	46.16 3.54 -0.03	49.01 3.19 0.00	55.89 3.37 0.00	63.88 3.78 0.00	73.21 5.11 0.00	73.23 5.95 0.00	65.05 4.66 0.00	57.62 3.13 0.00	63.87 2.09 0.18	59.38 1.33 5.87	24.69 1.31 33.95	45.49 1.28 0.00
GREENBSH_115KV_TB3 55895	42.42 0.08 0.00	35.28 0.13 0.00	28.76 0.42 0.00	28.49 0.37 0.00	28.73 0.30 0.00	31.98 0.17 0.00	36.29 0.27 0.00	39.91 0.21 0.00	39.02 0.26 0.00	38.06 0.06 0.00	36.20 -0.11 0.00	35.10 -0.20 0.00	42.18 -0.41 0.00	45.31 -0.51 0.00	51.90 -0.61 0.00	59.19 -0.90 0.00	67.35 -0.75 0.00	67.08 -0.20 0.00	60.49 0.10 0.00	54.41 -0.07 0.00	61.50 -0.46 0.00	62.97 -0.95 0.00	56.39 -0.94 0.00	43.57 -0.64 0.00
GREENDGE_115KV_TB5 80291	42.67 0.33 0.00	35.09 -0.06 0.00	28.17 -0.17 0.00	27.96 -0.16 0.00	28.14 -0.29 0.00	31.46 -0.35 0.00	35.58 -0.44 0.00	39.31 -0.39 0.00	38.20 -0.57 0.00	37.51 -0.50 0.00	35.90 -0.41 0.00	34.91 -0.40 0.00	41.84 -0.74 0.00	45.27 -0.54 0.00	52.16 -0.36 0.00	60.02 -0.07 0.00	68.18 0.09 0.00	68.69 1.41 0.00	61.77 1.38 0.00	55.94 1.46 0.00	62.93 0.97 0.00	64.97 1.05 0.00	58.37 1.04 0.00	44.71 0.49 0.00
GREENIDGE___3 23582	42.67 0.33 0.00	35.09 -0.06 0.00	28.17 -0.17 0.00	27.96 -0.16 0.00	28.14 -0.29 0.00	31.46 -0.35 0.00	35.58 -0.44 0.00	39.31 -0.39 0.00	38.20 -0.57 0.00	37.51 -0.50 0.00	35.90 -0.41 0.00	34.91 -0.40 0.00	41.84 -0.74 0.00	45.27 -0.54 0.00	52.16 -0.36 0.00	60.02 -0.07 0.00	68.18 0.09 0.00	68.69 1.41 0.00	61.77 1.38 0.00	55.94 1.46 0.00	62.93 0.97 0.00	64.97 1.05 0.00	58.37 1.04 0.00	44.71 0.49 0.00
GREENIDGE___4 23583	42.67 0.33 0.00	35.09 -0.06 0.00	28.17 -0.17 0.00	27.95 -0.17 0.00	28.14 -0.29 0.00	31.46 -0.34 0.00	35.58 -0.45 0.00	39.31 -0.39 0.00	38.20 -0.57 0.00	37.50 -0.50 0.00	35.90 -0.40 0.00	34.91 -0.40 0.00	41.85 -0.74 0.00	45.27 -0.55 0.00	52.16 -0.36 0.00	60.02 -0.07 0.00	68.19 0.09 0.00	68.69 1.41 0.00	61.77 1.38 0.00	55.95 1.46 0.00	62.93 0.98 0.00	64.97 1.05 0.00	58.37 1.04 0.00	44.70 0.48 0.00
GREENLWN_69_KV_BK 3 55738	43.96 1.62 0.00	36.48 1.32 0.00	29.57 1.23 0.00	29.19 1.07 0.00	29.34 0.91 0.00	32.59 0.78 0.00	36.92 0.90 0.00	40.92 1.22 0.00	40.24 1.48 0.00	39.63 1.63 0.00	38.32 2.01 0.00	37.59 2.29 0.00	45.39 2.77 -0.03	48.07 2.25 0.00	54.73 2.21 0.00	62.56 2.47 0.00	71.55 3.45 0.00	71.35 4.07 0.00	63.38 2.99 0.00	56.21 1.72 0.00	62.38 0.61 0.18	57.72 -0.24 5.96	22.92 -0.14 34.27	44.64 0.42 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00
GRISSOM___SOLAR 323813	44.48 2.14 0.00	36.88 1.73 0.00	29.76 1.42 0.00	29.48 1.36 0.00	29.79 1.36 0.00	33.34 1.53 0.00	37.88 1.86 0.00	41.68 1.98 0.00	40.30 1.54 0.00	39.17 1.17 0.00	37.20 0.89 0.00	36.04 0.74 0.00	43.47 0.88 0.00	46.79 0.98 0.00	53.70 1.18 0.00	61.58 1.49 0.00	70.28 2.18 0.00	70.17 2.89 0.00	63.81 3.42 0.00	58.13 3.64 0.00	66.02 4.06 0.00	68.10 4.18 0.00	60.91 3.58 0.00	46.84 2.62 0.00
GROVEVILLE___HYD 323602	44.05 1.70 0.00	36.48 1.32 0.00	29.54 1.20 0.00	29.21 1.09 0.00	29.41 0.98 0.00	32.80 0.99 0.00	37.31 1.29 0.00	41.30 1.60 0.00	40.47 1.71 0.00	39.75 1.74 0.00	38.03 1.72 0.00	37.03 1.73 0.00	44.71 2.13 0.00	48.09 2.27 0.00	55.05 2.53 0.00	63.02 2.93 0.00	72.00 3.90 0.00	71.87 4.60 0.00	64.47 4.09 0.00	57.72 3.24 0.00	64.71 2.76 0.00	65.94 2.02 0.00	59.00 1.68 0.00	45.59 1.37 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.03 -0.31 0.00	34.88 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.23 0.00	28.15 -0.28 0.00	31.47 -0.33 0.00	35.57 -0.45 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.52 0.00	35.86 -0.46 0.00	34.86 -0.44 0.00	42.13 -0.46 0.00	45.40 -0.42 0.00	52.15 -0.37 0.00	59.76 -0.33 0.00	67.89 -0.21 0.00	67.68 0.40 0.00	60.90 0.51 0.00	54.97 0.49 0.00	62.06 0.10 0.00	63.89 -0.03 0.00	57.23 -0.10 0.00	44.00 -0.22 0.00
HAMLTNNY_34_KV_TB 80303	42.24 -0.10 0.00	34.99 -0.16 0.00	28.17 -0.17 0.00	27.94 -0.19 0.00	28.18 -0.26 0.00	31.47 -0.34 0.00	35.54 -0.48 0.00	39.16 -0.55 0.00	38.19 -0.58 0.00	37.45 -0.55 0.00	35.86 -0.45 0.00	34.90 -0.40 0.00	42.19 -0.39 0.00	45.55 -0.27 0.00	52.34 -0.18 0.00	60.00 -0.09 0.00	68.15 0.05 0.00	68.03 0.75 0.00	61.31 0.92 0.00	55.38 0.89 0.00	62.45 0.49 0.00	64.40 0.48 0.00	57.74 0.41 0.00	44.38 0.16 0.00

HAMPSHIRE___PAPER_HYD 323593	43.36 1.02 0.00	36.06 0.91 0.00	28.91 0.57 0.00	28.88 0.76 0.00	29.35 0.92 0.00	33.21 1.40 0.00	37.56 1.54 0.00	41.37 1.67 0.00	40.17 1.41 0.00	39.26 1.25 0.00	37.43 1.12 0.00	36.27 0.97 0.00	43.66 1.07 0.00	47.06 1.24 0.00	53.81 1.29 0.00	61.34 1.25 0.00	69.08 0.98 0.00	68.23 0.95 0.00	61.47 1.08 0.00	56.16 1.67 0.00	64.58 2.62 0.00	67.54 3.62 0.00	60.70 3.37 0.00	46.68 2.46 0.00
HARDSCRABBLE_WT_PWR 323673	42.61 0.27 0.00	35.26 0.10 0.00	28.65 0.31 0.00	28.41 0.28 0.00	28.63 0.20 0.00	31.96 0.15 0.00	36.23 0.20 0.00	39.82 0.12 0.00	38.64 -0.12 0.00	37.56 -0.45 0.00	35.50 -0.81 0.00	34.40 -0.90 0.00	41.42 -1.17 0.00	44.63 -1.19 0.00	51.22 -1.30 0.00	58.89 -1.20 0.00	67.04 -1.06 0.00	67.38 0.10 0.00	61.37 0.99 0.00	55.61 1.12 0.00	62.82 0.86 0.00	64.15 0.23 0.00	57.23 -0.09 0.00	44.05 -0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.83 1.49 0.00	36.22 1.07 0.00	29.26 0.93 0.00	28.96 0.83 0.00	29.18 0.75 0.00	32.53 0.72 0.00	37.02 1.00 0.00	40.98 1.28 0.00	40.14 1.38 0.00	39.46 1.45 0.00	37.80 1.49 0.00	36.82 1.52 0.00	44.52 1.94 0.00	47.87 2.05 0.00	54.83 2.31 0.00	62.76 2.66 0.00	71.66 3.57 0.00	71.53 4.25 0.00	64.08 3.69 0.00	57.35 2.86 0.00	64.23 2.28 0.00	65.46 1.54 0.00	58.63 1.31 0.00	45.36 1.14 0.00
HARSNRAD_115KV_TB1 81005	41.73 -0.61 0.00	33.96 -1.19 0.00	27.00 -1.35 0.00	26.79 -1.34 0.00	26.80 -1.63 0.00	29.72 -2.09 0.00	33.37 -2.65 0.00	37.10 -2.60 0.00	36.27 -2.50 0.00	36.05 -1.95 0.00	34.78 -1.53 0.00	33.91 -1.39 0.00	40.97 -1.61 0.00	44.44 -1.38 0.00	51.26 -1.26 0.00	58.69 -1.40 0.00	66.03 -2.07 0.00	66.76 -0.52 0.00	59.74 -0.65 0.00	54.21 -0.28 0.00	60.75 -1.22 0.00	63.69 -0.23 0.00	58.18 0.86 0.00	44.73 0.51 0.00
HARZA MOOSE___RIVER 24016	43.03 0.69 0.00	35.81 0.66 0.00	28.94 0.60 0.00	28.88 0.76 0.00	29.30 0.86 0.00	32.95 1.14 0.00	37.28 1.26 0.00	41.06 1.35 0.00	39.92 1.16 0.00	39.01 1.00 0.00	37.15 0.84 0.00	35.99 0.69 0.00	43.35 0.76 0.00	46.82 1.00 0.00	53.65 1.13 0.00	61.35 1.26 0.00	69.72 1.63 0.00	69.49 2.21 0.00	62.74 2.35 0.00	57.12 2.63 0.00	65.11 3.15 0.00	67.36 3.44 0.00	60.29 2.96 0.00	46.28 2.06 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.67 -0.67 0.00	34.61 -0.54 0.00	27.91 -0.43 0.00	27.68 -0.44 0.00	27.93 -0.50 0.00	31.22 -0.59 0.00	35.30 -0.73 0.00	38.88 -0.82 0.00	37.94 -0.82 0.00	37.25 -0.75 0.00	35.64 -0.67 0.00	34.68 -0.62 0.00	41.85 -0.73 0.00	45.10 -0.72 0.00	51.78 -0.74 0.00	59.36 -0.74 0.00	67.38 -0.72 0.00	67.11 -0.16 0.00	60.35 -0.04 0.00	54.45 -0.04 0.00	61.50 -0.46 0.00	63.31 -0.62 0.00	56.73 -0.59 0.00	43.63 -0.59 0.00
HELLGATE_13_KV_LD 55870	44.47 2.13 0.00	36.86 1.71 0.00	29.89 1.55 0.00	29.51 1.39 0.00	29.67 1.23 0.00	32.99 1.18 0.00	37.53 1.51 0.00	41.65 1.94 0.00	40.89 2.13 0.00	40.24 2.24 0.00	38.62 2.31 0.00	37.57 2.27 0.00	45.37 2.78 0.00	48.61 2.79 0.00	55.54 3.02 0.00	63.43 3.33 0.00	72.32 4.22 0.00	72.13 4.85 0.00	64.49 4.10 0.00	57.61 3.12 0.00	64.43 2.47 0.00	65.60 1.68 0.00	58.87 1.54 0.00	45.77 1.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.47 2.13 0.00	36.86 1.71 0.00	29.89 1.55 0.00	29.51 1.39 0.00	29.67 1.23 0.00	32.99 1.18 0.00	37.53 1.51 0.00	41.65 1.94 0.00	40.89 2.13 0.00	40.24 2.24 0.00	38.62 2.31 0.00	37.57 2.27 0.00	45.37 2.78 0.00	48.61 2.79 0.00	55.54 3.02 0.00	63.43 3.33 0.00	72.32 4.22 0.00	72.13 4.85 0.00	64.49 4.10 0.00	57.61 3.12 0.00	64.43 2.47 0.00	65.60 1.68 0.00	58.87 1.54 0.00	45.77 1.55 0.00
HEMPSTEAD____ 23647	43.95 1.61 0.00	36.39 1.24 0.00	29.49 1.15 0.00	29.11 0.98 0.00	29.26 0.83 0.00	32.57 0.76 0.00	36.97 0.95 0.00	41.00 1.30 0.00	40.20 1.44 0.00	39.60 1.59 0.00	38.10 1.79 0.00	37.32 2.02 0.00	45.14 2.52 -0.03	48.17 2.35 0.00	54.98 2.46 0.00	62.78 2.69 0.00	71.76 3.66 0.00	71.54 4.26 0.00	63.81 3.43 0.00	56.83 2.34 0.00	63.34 1.47 0.09	62.59 0.70 2.02	41.54 0.63 16.42	45.07 0.85 0.00
HICKLING___1 23621	42.59 0.25 0.00	34.88 -0.28 0.00	28.04 -0.30 0.00	27.85 -0.27 0.00	27.99 -0.44 0.00	31.31 -0.50 0.00	35.37 -0.65 0.00	39.09 -0.62 0.00	37.91 -0.85 0.00	37.35 -0.65 0.00	35.85 -0.47 0.00	34.92 -0.38 0.00	42.07 -0.51 0.00	45.68 -0.15 0.00	52.63 0.11 0.00	60.59 0.50 0.00	68.52 0.43 0.00	68.81 1.53 0.00	61.60 1.21 0.00	55.82 1.33 0.00	62.54 0.58 0.00	64.68 0.76 0.00	58.37 1.05 0.00	44.70 0.48 0.00
HICKLING___2 23622	42.59 0.25 0.00	34.88 -0.28 0.00	28.04 -0.30 0.00	27.85 -0.27 0.00	27.99 -0.44 0.00	31.31 -0.50 0.00	35.37 -0.65 0.00	39.09 -0.62 0.00	37.91 -0.85 0.00	37.35 -0.65 0.00	35.85 -0.47 0.00	34.92 -0.38 0.00	42.07 -0.51 0.00	45.68 -0.15 0.00	52.63 0.11 0.00	60.59 0.50 0.00	68.52 0.43 0.00	68.81 1.53 0.00	61.60 1.21 0.00	55.82 1.33 0.00	62.54 0.58 0.00	64.68 0.76 0.00	58.37 1.05 0.00	44.70 0.48 0.00
HIGH FALLS___HY 23754	43.99 1.65 0.00	36.36 1.21 0.00	29.38 1.04 0.00	29.06 0.94 0.00	29.25 0.82 0.00	32.63 0.82 0.00	37.12 1.10 0.00	41.12 1.41 0.00	40.24 1.48 0.00	39.53 1.53 0.00	37.83 1.51 0.00	36.82 1.52 0.00	44.52 1.93 0.00	47.85 2.03 0.00	54.59 2.07 0.00	57.61 2.56 5.05	68.57 3.63 3.15	71.79 4.51 0.00	64.48 4.09 0.00	57.75 3.27 0.00	65.09 3.13 0.00	66.29 2.37 0.00	59.30 1.97 0.00	45.80 1.58 0.00
HIGH_RIVER___SOLAR 323847	43.72 1.38 0.00	36.28 1.13 0.00	29.34 1.00 0.00	29.08 0.96 0.00	29.35 0.92 0.00	32.79 0.98 0.00	37.20 1.18 0.00	40.88 1.18 0.00	39.59 0.83 0.00	38.47 0.47 0.00	36.47 0.16 0.00	35.32 0.02 0.00	42.61 0.03 0.00	45.82 0.00 0.00	52.54 0.02 0.00	60.19 0.09 0.00	68.79 0.69 0.00	68.81 1.53 0.00	62.53 2.14 0.00	56.76 2.27 0.00	64.33 2.38 0.00	66.16 2.25 0.00	59.26 1.94 0.00	45.67 1.46 0.00
HILLBURN___GT 23639	43.74 1.40 0.00	36.12 0.97 0.00	29.20 0.86 0.00	28.89 0.76 0.00	29.11 0.68 0.00	32.46 0.65 0.00	36.96 0.93 0.00	40.93 1.23 0.00	40.10 1.34 0.00	39.43 1.42 0.00	37.77 1.46 0.00	36.73 1.44 0.00	44.47 1.88 0.00	47.77 1.95 0.00	54.65 2.14 0.00	62.45 2.36 0.00	71.30 3.20 0.00	71.12 3.84 0.00	63.70 3.31 0.00	57.00 2.51 0.00	63.79 1.84 0.00	64.98 1.06 0.00	58.27 0.95 0.00	45.15 0.93 0.00
HILLSIDE_115KV_TB1 80332	41.99 -0.35 0.00	34.39 -0.76 0.00	27.69 -0.65 0.00	27.52 -0.60 0.00	27.66 -0.76 0.00	30.96 -0.85 0.00	34.97 -1.06 0.00	38.60 -1.11 0.00	37.48 -1.28 0.00	36.94 -1.06 0.00	35.43 -0.88 0.00	34.53 -0.77 0.00	41.61 -0.98 0.00	45.12 -0.69 0.00	51.94 -0.57 0.00	59.79 -0.30 0.00	67.51 -0.59 0.00	67.69 0.42 0.00	60.50 0.11 0.00	54.84 0.35 0.00	61.42 -0.53 0.00	63.48 -0.44 0.00	57.31 -0.02 0.00	43.93 -0.29 0.00

HISHELDN_WT_PWR 323625	42.08 -0.26 0.00	34.30 -0.85 0.00	27.34 -1.00 0.00	27.13 -0.99 0.00	27.18 -1.25 0.00	30.21 -1.60 0.00	33.99 -2.03 0.00	37.74 -1.97 0.00	36.82 -1.94 0.00	36.50 -1.50 0.00	35.18 -1.13 0.00	34.26 -1.04 0.00	41.38 -1.20 0.00	44.90 -0.91 0.00	51.80 -0.72 0.00	59.41 -0.68 0.00	66.96 -1.13 0.00	67.57 0.29 0.00	60.48 0.09 0.00	54.86 0.38 0.00	61.50 -0.46 0.00	64.20 0.28 0.00	58.33 1.01 0.00	44.76 0.54 0.00
HOLTSVILLE_IC_1 23690	43.83 1.48 0.00	36.34 1.19 0.00	29.50 1.16 0.00	29.09 0.97 0.00	29.25 0.81 0.00	32.46 0.65 0.00	36.81 0.79 0.00	40.86 1.15 0.00	40.18 1.41 0.00	39.52 1.52 0.00	38.12 1.80 0.00	37.44 2.14 0.00	45.23 2.61 -0.03	47.93 2.11 0.00	54.56 2.04 0.00	62.23 2.14 0.00	71.36 3.26 0.00	71.38 4.10 0.00	63.43 3.04 0.00	56.17 1.69 0.00	62.27 0.50 0.19	57.51 -0.25 6.16	22.06 -0.06 35.20	44.53 0.31 0.00
HOLTSVILLE_IC_10 23699	44.02 1.68 0.00	36.48 1.33 0.00	29.60 1.26 0.00	29.19 1.06 0.00	29.34 0.91 0.00	32.58 0.77 0.00	36.95 0.92 0.00	41.02 1.32 0.00	40.36 1.60 0.00	39.72 1.72 0.00	38.32 2.00 0.00	37.66 2.36 0.00	45.53 2.91 -0.03	48.30 2.48 0.00	55.01 2.49 0.00	62.73 2.63 0.00	71.99 3.89 0.00	72.06 4.78 0.00	63.98 3.59 0.00	56.66 2.17 0.00	62.72 0.94 0.18	58.04 0.21 6.09	22.74 0.32 34.90	44.78 0.57 0.00
HOLTSVILLE_IC_2 23691	43.83 1.48 0.00	36.34 1.19 0.00	29.50 1.16 0.00	29.09 0.97 0.00	29.25 0.81 0.00	32.46 0.65 0.00	36.81 0.79 0.00	40.86 1.15 0.00	40.18 1.41 0.00	39.52 1.52 0.00	38.12 1.80 0.00	37.44 2.14 0.00	45.23 2.61 -0.03	47.93 2.11 0.00	54.56 2.04 0.00	62.23 2.14 0.00	71.36 3.26 0.00	71.38 4.10 0.00	63.43 3.04 0.00	56.17 1.69 0.00	62.27 0.50 0.19	57.51 -0.25 6.16	22.06 -0.06 35.20	44.53 0.31 0.00
HOLTSVILLE_IC_3 23692	43.83 1.48 0.00	36.34 1.19 0.00	29.50 1.16 0.00	29.09 0.97 0.00	29.25 0.81 0.00	32.46 0.65 0.00	36.81 0.79 0.00	40.86 1.15 0.00	40.18 1.41 0.00	39.52 1.52 0.00	38.12 1.80 0.00	37.44 2.14 0.00	45.23 2.61 -0.03	47.93 2.11 0.00	54.56 2.04 0.00	62.23 2.14 0.00	71.36 3.26 0.00	71.38 4.10 0.00	63.43 3.04 0.00	56.17 1.69 0.00	62.27 0.50 0.19	57.51 -0.25 6.16	22.06 -0.06 35.20	44.53 0.31 0.00
HOLTSVILLE_IC_4 23693	43.83 1.48 0.00	36.34 1.19 0.00	29.50 1.16 0.00	29.09 0.97 0.00	29.25 0.81 0.00	32.46 0.65 0.00	36.81 0.79 0.00	40.86 1.15 0.00	40.18 1.41 0.00	39.52 1.52 0.00	38.12 1.80 0.00	37.44 2.14 0.00	45.23 2.61 -0.03	47.93 2.11 0.00	54.56 2.04 0.00	62.23 2.14 0.00	71.36 3.26 0.00	71.38 4.10 0.00	63.43 3.04 0.00	56.17 1.69 0.00	62.27 0.50 0.19	57.51 -0.25 6.16	22.06 -0.06 35.20	44.53 0.31 0.00
HOLTSVILLE_IC_5 23694	43.83 1.48 0.00	36.34 1.19 0.00	29.50 1.16 0.00	29.09 0.97 0.00	29.25 0.81 0.00	32.46 0.65 0.00	36.81 0.79 0.00	40.86 1.15 0.00	40.18 1.41 0.00	39.52 1.52 0.00	38.12 1.80 0.00	37.44 2.14 0.00	45.23 2.61 -0.03	47.93 2.11 0.00	54.56 2.04 0.00	62.23 2.14 0.00	71.36 3.26 0.00	71.38 4.10 0.00	63.43 3.04 0.00	56.17 1.69 0.00	62.27 0.50 0.19	57.51 -0.25 6.16	22.06 -0.06 35.20	44.53 0.31 0.00
HOLTSVILLE_IC_6 23695	44.02 1.68 0.00	36.48 1.33 0.00	29.60 1.26 0.00	29.19 1.06 0.00	29.34 0.91 0.00	32.58 0.77 0.00	36.95 0.92 0.00	41.02 1.32 0.00	40.36 1.60 0.00	39.72 1.72 0.00	38.32 2.00 0.00	37.66 2.36 0.00	45.53 2.91 -0.03	48.30 2.48 0.00	55.01 2.49 0.00	62.73 2.63 0.00	71.99 3.89 0.00	72.06 4.78 0.00	63.98 3.59 0.00	56.66 2.17 0.00	62.72 0.94 0.18	58.04 0.21 6.09	22.74 0.32 34.90	44.78 0.57 0.00
HOLTSVILLE_IC_7 23696	44.02 1.68 0.00	36.48 1.33 0.00	29.60 1.26 0.00	29.19 1.06 0.00	29.34 0.91 0.00	32.58 0.77 0.00	36.95 0.92 0.00	41.02 1.32 0.00	40.36 1.60 0.00	39.72 1.72 0.00	38.32 2.00 0.00	37.66 2.36 0.00	45.53 2.91 -0.03	48.30 2.48 0.00	55.01 2.49 0.00	62.73 2.63 0.00	71.99 3.89 0.00	72.06 4.78 0.00	63.98 3.59 0.00	56.66 2.17 0.00	62.72 0.94 0.18	58.04 0.21 6.09	22.74 0.32 34.90	44.78 0.57 0.00
HOLTSVILLE_IC_8 23697	44.02 1.68 0.00	36.48 1.33 0.00	29.60 1.26 0.00	29.19 1.06 0.00	29.34 0.91 0.00	32.58 0.77 0.00	36.95 0.92 0.00	41.02 1.32 0.00	40.36 1.60 0.00	39.72 1.72 0.00	38.32 2.00 0.00	37.66 2.36 0.00	45.53 2.91 -0.03	48.30 2.48 0.00	55.01 2.49 0.00	62.73 2.63 0.00	71.99 3.89 0.00	72.06 4.78 0.00	63.98 3.59 0.00	56.66 2.17 0.00	62.72 0.94 0.18	58.04 0.21 6.09	22.74 0.32 34.90	44.78 0.57 0.00
HOLTSVILLE_IC_9 23698	44.02 1.68 0.00	36.48 1.33 0.00	29.60 1.26 0.00	29.19 1.06 0.00	29.34 0.91 0.00	32.58 0.77 0.00	36.95 0.92 0.00	41.02 1.32 0.00	40.36 1.60 0.00	39.72 1.72 0.00	38.32 2.00 0.00	37.66 2.36 0.00	45.53 2.91 -0.03	48.30 2.48 0.00	55.01 2.49 0.00	62.73 2.63 0.00	71.99 3.89 0.00	72.06 4.78 0.00	63.98 3.59 0.00	56.66 2.17 0.00	62.72 0.94 0.18	58.04 0.21 6.09	22.74 0.32 34.90	44.78 0.57 0.00
HOMER_HL_115KV_TB2 355744	42.33 -0.01 0.00	34.43 -0.73 0.00	27.51 -0.83 0.00	27.33 -0.79 0.00	27.39 -1.04 0.00	30.46 -1.35 0.00	34.54 -1.48 0.00	38.44 -1.26 0.00	37.47 -1.29 0.00	37.15 -0.85 0.00	35.79 -0.52 0.00	34.81 -0.49 0.00	41.95 -0.63 0.00	45.45 -0.37 0.00	52.14 -0.38 0.00	59.28 -0.81 0.00	66.61 -1.48 0.00	67.02 -0.25 0.00	59.87 -0.52 0.00	54.36 -0.13 0.00	60.84 -1.12 0.00	63.33 -0.59 0.00	58.15 0.82 0.00	44.70 0.48 0.00
HOWARD_WT_PWR 323690	42.98 0.64 0.00	35.13 -0.02 0.00	28.10 -0.24 0.00	27.90 -0.23 0.00	28.02 -0.42 0.00	31.27 -0.54 0.00	35.33 -0.69 0.00	39.08 -0.63 0.00	37.89 -0.87 0.00	37.28 -0.72 0.00	35.74 -0.57 0.00	34.73 -0.57 0.00	41.83 -0.75 0.00	45.43 -0.39 0.00	52.37 -0.15 0.00	60.24 0.15 0.00	68.30 0.20 0.00	68.90 1.63 0.00	61.80 1.41 0.00	56.01 1.52 0.00	63.10 1.15 0.00	65.46 1.54 0.00	59.13 1.80 0.00	45.23 1.01 0.00
HQ_GEN_CEDARS 23644	43.47 1.13 0.00	36.07 0.92 0.00	28.67 0.33 0.00	28.50 0.38 0.00	28.93 0.50 0.00	32.81 1.00 0.00	37.15 1.13 0.00	40.97 1.27 0.00	39.94 1.18 0.00	39.16 1.15 0.00	37.48 1.17 0.00	36.44 1.14 0.00	43.95 1.36 0.00	47.26 1.44 0.00	54.11 1.59 0.00	61.82 1.73 0.00	69.13 1.04 0.00	67.44 0.16 0.00	60.31 -0.08 0.00	54.69 0.20 0.00	63.01 1.06 0.00	66.12 2.21 0.00	59.50 2.18 0.00	45.89 1.67 0.00
HQ_GEN_CEDARS_PROXY 323590	44.90 1.13 -1.44	36.07 0.92 0.00	28.67 0.33 0.00	28.50 0.38 0.00	28.93 0.50 0.00	32.81 1.00 0.00	37.15 1.13 0.00	40.97 1.27 0.00	39.94 1.18 0.00	39.16 1.16 0.00	37.48 1.17 0.00	36.44 1.14 0.00	43.94 1.36 0.00	47.26 1.44 0.00	53.53 1.59 0.58	61.82 1.73 0.00	70.11 1.04 -0.98	67.44 0.16 0.00	60.31 -0.08 0.00	54.69 0.21 0.00	63.01 1.06 0.00	66.12 2.20 0.00	61.82 2.18 -2.32	45.89 1.67 0.00

HQ_GEN_IMPORT 323601	42.65 0.31 0.00	35.51 0.25 -0.10	28.39 0.06 0.00	28.21 0.08 0.00	28.61 0.17 0.00	34.59 0.30 -2.48	39.32 0.34 -2.95	40.10 0.39 0.00	39.46 0.40 -0.31	38.41 0.41 0.00	36.77 0.42 -0.04	35.72 0.42 0.00	43.09 0.51 0.00	46.36 0.54 0.00	53.11 0.59 0.00	60.79 0.69 0.00	68.58 0.48 0.00	67.00 -0.27 0.00	59.96 -0.43 0.00	41.38 -0.27 12.84	62.27 0.31 0.00	64.69 0.77 0.00	58.05 0.72 0.00	44.33 0.55 0.43
HQ_GEN_WHEEL 23651	42.65 0.31 0.00	35.51 0.25 -0.10	28.39 0.06 0.00	28.21 0.08 0.00	28.61 0.17 0.00	34.59 0.30 -2.48	39.32 0.34 -2.95	40.10 0.39 0.00	39.46 0.40 -0.31	38.41 0.41 0.00	36.77 0.42 -0.04	35.72 0.42 0.00	43.09 0.51 0.00	46.36 0.54 0.00	53.11 0.59 0.00	60.79 0.69 0.00	68.58 0.48 0.00	67.00 -0.27 0.00	59.96 -0.43 0.00	41.38 -0.27 12.84	62.27 0.31 0.00	64.69 0.77 0.00	58.05 0.72 0.00	44.33 0.55 0.43
HUDSON AVE_GT_3 23810	44.15 1.81 0.00	36.57 1.42 0.00	29.64 1.30 0.00	29.27 1.14 0.00	29.42 0.99 0.00	32.77 0.96 0.00	37.30 1.27 0.00	41.33 1.63 0.00	40.56 1.80 0.00	39.95 1.94 0.00	38.29 1.98 0.00	37.31 2.00 0.00	45.06 2.48 0.00	48.33 2.51 0.00	55.20 2.68 0.00	63.03 2.94 0.00	71.92 3.82 0.00	71.73 4.45 0.00	64.17 3.78 0.00	57.36 2.88 0.00	64.16 2.21 0.00	65.35 1.43 0.00	58.61 1.28 0.00	45.52 1.31 0.00
HUDSON AVE_GT_4 23540	44.15 1.81 0.00	36.57 1.42 0.00	29.64 1.30 0.00	29.27 1.14 0.00	29.42 0.99 0.00	32.77 0.96 0.00	37.30 1.27 0.00	41.33 1.63 0.00	40.56 1.80 0.00	39.95 1.94 0.00	38.29 1.98 0.00	37.31 2.00 0.00	45.06 2.48 0.00	48.33 2.51 0.00	55.20 2.68 0.00	63.03 2.94 0.00	71.92 3.82 0.00	71.73 4.45 0.00	64.17 3.78 0.00	57.36 2.88 0.00	64.16 2.21 0.00	65.35 1.43 0.00	58.61 1.28 0.00	45.52 1.31 0.00
HUDSON AVE_GT_5 23657	44.15 1.81 0.00	36.57 1.42 0.00	29.64 1.30 0.00	29.27 1.14 0.00	29.42 0.99 0.00	32.77 0.96 0.00	37.30 1.27 0.00	41.33 1.63 0.00	40.56 1.80 0.00	39.95 1.94 0.00	38.29 1.98 0.00	37.31 2.00 0.00	45.06 2.48 0.00	48.33 2.51 0.00	55.20 2.68 0.00	63.03 2.94 0.00	71.92 3.82 0.00	71.73 4.45 0.00	64.17 3.78 0.00	57.36 2.88 0.00	64.16 2.21 0.00	65.35 1.43 0.00	58.61 1.28 0.00	45.52 1.31 0.00
HUDSON_AVE_10 24168	43.99 1.65 0.00	36.44 1.29 0.00	29.54 1.21 0.00	29.17 1.05 0.00	29.31 0.88 0.00	32.64 0.83 0.00	37.15 1.13 0.00	41.16 1.45 0.00	40.39 1.63 0.00	39.75 1.74 0.00	38.08 1.77 0.00	37.11 1.80 0.00	44.82 2.23 0.00	48.09 2.27 0.00	54.90 2.38 0.00	62.69 2.60 0.00	71.53 3.44 0.00	71.34 4.06 0.00	63.85 3.46 0.00	57.07 2.58 0.00	63.84 1.88 0.00	65.01 1.09 0.00	58.32 1.00 0.00	45.30 1.09 0.00
HUDSON___115KV_TB 4 355613	43.28 0.94 0.00	35.94 0.79 0.00	29.26 0.92 0.00	28.99 0.86 0.00	29.22 0.79 0.00	32.56 0.75 0.00	36.97 0.95 0.00	40.63 0.93 0.00	39.57 0.81 0.00	38.47 0.47 0.00	36.47 0.16 0.00	35.32 0.02 0.00	42.45 -0.13 0.00	45.63 -0.19 0.00	52.31 -0.21 0.00	40.65 -0.37 19.07	56.09 -0.09 11.92	67.95 0.67 0.00	61.72 1.33 0.00	55.75 1.26 0.00	63.08 1.12 0.00	64.61 0.69 0.00	57.71 0.38 0.00	44.48 0.26 0.00
HUNTER MOUNT___DRP 323613	43.44 1.10 0.00	36.07 0.92 0.00	29.35 1.02 0.00	29.09 0.97 0.00	29.34 0.91 0.00	32.69 0.89 0.00	37.12 1.10 0.00	40.82 1.12 0.00	39.73 0.97 0.00	38.58 0.58 0.00	36.54 0.22 0.00	35.34 0.04 0.00	42.45 -0.14 0.00	45.65 -0.18 0.00	52.36 -0.16 0.00	32.05 -0.28 27.76	50.78 0.03 17.35	68.08 0.80 0.00	61.89 1.51 0.00	55.91 1.42 0.00	63.28 1.33 0.00	64.83 0.91 0.00	57.86 0.53 0.00	44.54 0.32 0.00
HUNTINGTON_RES_REC 323705	44.00 1.66 0.00	36.49 1.33 0.00	29.59 1.25 0.00	29.18 1.05 0.00	29.33 0.90 0.00	32.58 0.77 0.00	36.91 0.89 0.00	40.96 1.26 0.00	40.29 1.53 0.00	39.70 1.69 0.00	38.35 2.04 0.00	37.68 2.37 0.00	45.53 2.91 -0.03	48.27 2.44 0.00	54.97 2.45 0.00	62.75 2.66 0.00	71.92 3.82 0.00	71.89 4.61 0.00	63.80 3.42 0.00	56.53 2.04 0.00	62.60 0.83 0.18	57.85 0.00 6.07	22.60 0.07 34.79	44.73 0.52 0.00
HUNTLEY___63 23557	42.04 -0.30 0.00	34.23 -0.93 0.00	27.19 -1.15 0.00	26.98 -1.14 0.00	26.98 -1.45 0.00	29.94 -1.87 0.00	33.62 -2.40 0.00	37.42 -2.29 0.00	36.63 -2.13 0.00	36.50 -1.51 0.00	35.24 -1.07 0.00	34.38 -0.92 0.00	41.61 -0.98 0.00	45.19 -0.63 0.00	52.13 -0.39 0.00	59.59 -0.50 0.00	66.95 -1.14 0.00	67.64 0.36 0.00	60.50 0.11 0.00	54.82 0.34 0.00	61.37 -0.59 0.00	64.28 0.36 0.00	58.68 1.35 0.00	45.11 0.89 0.00
HUNTLEY___64 23558	42.04 -0.30 0.00	34.23 -0.93 0.00	27.19 -1.15 0.00	26.98 -1.14 0.00	26.98 -1.45 0.00	29.94 -1.87 0.00	33.62 -2.40 0.00	37.42 -2.29 0.00	36.63 -2.13 0.00	36.50 -1.51 0.00	35.24 -1.07 0.00	34.38 -0.92 0.00	41.61 -0.98 0.00	45.19 -0.63 0.00	52.13 -0.39 0.00	59.59 -0.50 0.00	66.95 -1.14 0.00	67.64 0.36 0.00	60.50 0.11 0.00	54.82 0.34 0.00	61.37 -0.59 0.00	64.28 0.36 0.00	58.68 1.35 0.00	45.11 0.89 0.00
HUNTLEY___65 23559	42.04 -0.30 0.00	34.23 -0.93 0.00	27.19 -1.15 0.00	26.98 -1.14 0.00	26.98 -1.45 0.00	29.94 -1.87 0.00	33.62 -2.40 0.00	37.42 -2.29 0.00	36.63 -2.13 0.00	36.50 -1.51 0.00	35.24 -1.07 0.00	34.38 -0.92 0.00	41.61 -0.98 0.00	45.19 -0.63 0.00	52.13 -0.39 0.00	59.59 -0.50 0.00	66.95 -1.14 0.00	67.64 0.36 0.00	60.50 0.11 0.00	54.82 0.34 0.00	61.37 -0.59 0.00	64.28 0.36 0.00	58.68 1.35 0.00	45.11 0.89 0.00
HUNTLEY___66 23560	42.04 -0.30 0.00	34.23 -0.93 0.00	27.19 -1.15 0.00	26.98 -1.14 0.00	26.98 -1.45 0.00	29.94 -1.87 0.00	33.62 -2.40 0.00	37.42 -2.29 0.00	36.63 -2.13 0.00	36.50 -1.51 0.00	35.24 -1.07 0.00	34.38 -0.92 0.00	41.61 -0.98 0.00	45.19 -0.63 0.00	52.13 -0.39 0.00	59.59 -0.50 0.00	66.95 -1.14 0.00	67.64 0.36 0.00	60.50 0.11 0.00	54.82 0.34 0.00	61.37 -0.59 0.00	64.28 0.36 0.00	58.68 1.35 0.00	45.11 0.89 0.00
HUNTLEY___67 23561	41.72 -0.62 0.00	33.97 -1.18 0.00	27.01 -1.33 0.00	26.80 -1.32 0.00	26.83 -1.61 0.00	29.74 -2.07 0.00	33.42 -2.61 0.00	37.15 -2.55 0.00	36.36 -2.40 0.00	36.19 -1.81 0.00	34.93 -1.38 0.00	34.05 -1.25 0.00	41.17 -1.42 0.00	44.66 -1.16 0.00	51.50 -1.02 0.00	58.98 -1.11 0.00	66.36 -1.74 0.00	66.96 -0.31 0.00	59.88 -0.51 0.00	54.33 -0.16 0.00	60.85 -1.10 0.00	63.74 -0.18 0.00	58.02 0.69 0.00	44.57 0.35 0.00
HUNTLEY___68 23562	41.72 -0.62 0.00	33.97 -1.18 0.00	27.01 -1.33 0.00	26.80 -1.32 0.00	26.83 -1.61 0.00	29.74 -2.07 0.00	33.42 -2.61 0.00	37.15 -2.55 0.00	36.36 -2.40 0.00	36.19 -1.81 0.00	34.93 -1.38 0.00	34.05 -1.25 0.00	41.17 -1.42 0.00	44.66 -1.16 0.00	51.50 -1.02 0.00	58.98 -1.11 0.00	66.36 -1.74 0.00	66.96 -0.31 0.00	59.88 -0.51 0.00	54.33 -0.16 0.00	60.85 -1.10 0.00	63.74 -0.18 0.00	58.02 0.69 0.00	44.57 0.35 0.00

HYLAND___LFGE 323620	44.43 2.09 0.00	36.34 1.19 0.00	29.06 0.72 0.00	28.83 0.70 0.00	28.96 0.53 0.00	32.34 0.53 0.00	36.66 0.64 0.00	40.45 0.74 0.00	38.95 0.19 0.00	37.85 -0.15 0.00	36.07 -0.24 0.00	34.61 -0.69 0.00	41.50 -1.08 0.00	45.03 -0.79 0.00	51.94 -0.59 0.00	59.68 -0.42 0.00	67.83 -0.26 0.00	68.29 1.02 0.00	61.96 1.58 0.00	56.86 2.38 0.00	64.47 2.51 0.00	66.98 3.05 0.00	60.17 2.84 0.00	45.93 1.72 0.00
INDECK___CORINTH 23802	43.87 1.53 0.00	36.46 1.30 0.00	29.48 1.14 0.00	29.21 1.09 0.00	29.50 1.07 0.00	32.93 1.12 0.00	37.42 1.40 0.00	41.23 1.53 0.00	40.23 1.47 0.00	39.17 1.17 0.00	36.75 0.44 0.00	35.60 0.31 0.00	42.89 0.30 0.00	46.13 0.31 0.00	53.02 0.50 0.00	60.94 0.85 0.00	69.73 1.63 0.00	69.76 2.49 0.00	63.58 3.19 0.00	57.45 2.96 0.00	64.84 2.88 0.00	66.15 2.23 0.00	59.09 1.77 0.00	45.39 1.17 0.00
INDECK___ILION 23567	42.52 0.18 0.00	35.23 0.08 0.00	28.55 0.21 0.00	28.32 0.20 0.00	28.57 0.13 0.00	31.91 0.10 0.00	36.17 0.14 0.00	39.79 0.09 0.00	38.73 -0.04 0.00	37.79 -0.21 0.00	35.90 -0.41 0.00	34.84 -0.46 0.00	41.99 -0.59 0.00	45.20 -0.61 0.00	51.85 -0.67 0.00	59.49 -0.61 0.00	67.62 -0.47 0.00	67.54 0.26 0.00	61.11 0.72 0.00	55.24 0.75 0.00	62.53 0.57 0.00	64.08 0.16 0.00	57.30 -0.03 0.00	44.14 -0.08 0.00
INDECK___OLEAN 23982	42.33 -0.01 0.00	34.43 -0.73 0.00	27.51 -0.83 0.00	27.33 -0.79 0.00	27.39 -1.04 0.00	30.46 -1.35 0.00	34.53 -1.49 0.00	38.44 -1.26 0.00	37.46 -1.30 0.00	37.13 -0.87 0.00	35.80 -0.51 0.00	34.81 -0.49 0.00	41.96 -0.63 0.00	45.45 -0.37 0.00	52.15 -0.37 0.00	59.30 -0.79 0.00	66.63 -1.47 0.00	67.02 -0.26 0.00	59.87 -0.52 0.00	54.36 -0.13 0.00	60.84 -1.12 0.00	63.34 -0.58 0.00	58.16 0.83 0.00	44.70 0.48 0.00
INDECK___OSWEGO 23783	41.25 -1.09 0.00	34.31 -0.84 0.00	27.69 -0.65 0.00	27.49 -0.63 0.00	27.75 -0.68 0.00	31.03 -0.77 0.00	35.07 -0.95 0.00	38.59 -1.11 0.00	37.63 -1.13 0.00	36.92 -1.09 0.00	35.24 -1.07 0.00	34.08 -1.22 0.00	41.04 -1.55 0.00	44.16 -1.66 0.00	50.67 -1.85 0.00	57.98 -2.12 0.00	65.86 -2.24 0.00	65.54 -1.74 0.00	58.96 -1.43 0.00	53.28 -1.21 0.00	60.35 -1.61 0.00	62.15 -1.77 0.00	55.70 -1.63 0.00	42.87 -1.35 0.00
INDECK___YERKES 23781	42.09 -0.25 0.00	34.26 -0.89 0.00	27.22 -1.12 0.00	27.01 -1.11 0.00	27.01 -1.42 0.00	29.97 -1.84 0.00	33.65 -2.37 0.00	37.46 -2.24 0.00	36.68 -2.09 0.00	36.52 -1.48 0.00	35.29 -1.02 0.00	34.43 -0.87 0.00	41.67 -0.92 0.00	45.26 -0.56 0.00	52.20 -0.32 0.00	59.65 -0.44 0.00	66.98 -1.12 0.00	67.68 0.41 0.00	60.50 0.11 0.00	54.84 0.36 0.00	61.40 -0.56 0.00	64.31 0.39 0.00	58.75 1.42 0.00	45.15 0.94 0.00
INDIAN POINT_GT_1 24139	43.72 1.38 0.00	36.20 1.05 0.00	29.38 1.04 0.00	28.99 0.87 0.00	29.14 0.70 0.00	32.48 0.67 0.00	36.97 0.94 0.00	40.92 1.22 0.00	40.10 1.34 0.00	39.41 1.41 0.00	37.75 1.44 0.00	36.76 1.46 0.00	44.41 1.83 0.00	47.67 1.85 0.00	54.50 1.98 0.00	62.26 2.17 0.00	71.06 2.96 0.00	70.89 3.61 0.00	63.52 3.14 0.00	56.83 2.34 0.00	63.66 1.70 0.00	64.88 0.96 0.00	58.16 0.83 0.00	45.09 0.87 0.00
INDIAN POINT_GT_2 23659	43.72 1.38 0.00	36.20 1.05 0.00	29.38 1.04 0.00	28.99 0.87 0.00	29.14 0.70 0.00	32.48 0.67 0.00	36.97 0.94 0.00	40.92 1.22 0.00	40.10 1.34 0.00	39.41 1.41 0.00	37.75 1.44 0.00	36.76 1.46 0.00	44.41 1.83 0.00	47.67 1.85 0.00	54.50 1.98 0.00	62.26 2.17 0.00	71.06 2.96 0.00	70.89 3.61 0.00	63.52 3.14 0.00	56.83 2.34 0.00	63.66 1.70 0.00	64.88 0.96 0.00	58.16 0.83 0.00	45.09 0.87 0.00
INDIAN POINT_GT_3 24019	43.72 1.38 0.00	36.20 1.05 0.00	29.38 1.04 0.00	28.99 0.87 0.00	29.14 0.70 0.00	32.48 0.67 0.00	36.97 0.94 0.00	40.92 1.22 0.00	40.10 1.34 0.00	39.41 1.41 0.00	37.75 1.44 0.00	36.76 1.46 0.00	44.41 1.83 0.00	47.67 1.85 0.00	54.50 1.98 0.00	62.26 2.17 0.00	71.06 2.96 0.00	70.89 3.61 0.00	63.52 3.14 0.00	56.83 2.34 0.00	63.66 1.70 0.00	64.88 0.96 0.00	58.16 0.83 0.00	45.09 0.87 0.00
INDIAN POINT___2 23530	43.68 1.34 0.00	36.12 0.96 0.00	29.45 1.11 0.00	29.03 0.91 0.00	29.10 0.67 0.00	32.44 0.64 0.00	36.92 0.90 0.00	40.87 1.17 0.00	40.04 1.28 0.00	39.37 1.36 0.00	37.71 1.40 0.00	36.72 1.43 0.00	44.36 1.77 0.00	47.62 1.80 0.00	54.44 1.92 0.00	62.20 2.11 0.00	70.98 2.89 0.00	70.81 3.53 0.00	63.44 3.05 0.00	56.76 2.28 0.00	63.57 1.62 0.00	64.78 0.86 0.00	58.09 0.76 0.00	45.03 0.81 0.00
INDIAN POINT___3 23531	43.69 1.35 0.00	36.26 1.11 0.00	29.26 0.92 0.00	28.93 0.81 0.00	29.12 0.69 0.00	32.47 0.66 0.00	36.94 0.92 0.00	40.89 1.19 0.00	40.07 1.31 0.00	39.38 1.37 0.00	37.71 1.40 0.00	36.73 1.43 0.00	44.36 1.77 0.00	47.62 1.80 0.00	54.43 1.91 0.00	62.17 2.08 0.00	70.94 2.85 0.00	70.77 3.49 0.00	63.41 3.02 0.00	56.74 2.25 0.00	63.56 1.61 0.00	64.78 0.86 0.00	58.07 0.74 0.00	45.02 0.80 0.00
INGHAM_C_115KV_TB7 356103	42.62 0.28 0.00	35.25 0.09 0.00	28.67 0.33 0.00	28.42 0.29 0.00	28.63 0.19 0.00	31.93 0.12 0.00	36.21 0.19 0.00	39.75 0.05 0.00	38.51 -0.25 0.00	37.33 -0.68 0.00	35.17 -1.14 0.00	34.04 -1.26 0.00	40.98 -1.61 0.00	44.14 -1.68 0.00	50.66 -1.86 0.00	58.34 -1.75 0.00	66.47 -1.63 0.00	67.10 -0.17 0.00	61.34 0.95 0.00	55.66 1.18 0.00	62.85 0.89 0.00	64.03 0.11 0.00	57.07 -0.26 0.00	43.88 -0.34 0.00
IP CORINTH___1 23988	44.10 1.76 0.00	36.64 1.49 0.00	29.63 1.29 0.00	29.36 1.24 0.00	29.65 1.22 0.00	33.09 1.29 0.00	37.61 1.59 0.00	41.45 1.75 0.00	40.44 1.68 0.00	39.37 1.36 0.00	36.97 0.65 0.00	35.80 0.49 0.00	43.11 0.52 0.00	46.39 0.56 0.00	53.33 0.81 0.00	61.29 1.20 0.00	70.11 2.02 0.00	70.15 2.88 0.00	63.94 3.55 0.00	57.76 3.27 0.00	65.21 3.25 0.00	66.53 2.61 0.00	59.44 2.11 0.00	45.64 1.42 0.00
IP___TICONDEROGA 23804	46.67 4.34 0.00	38.72 3.57 0.00	31.23 2.89 0.00	31.00 2.88 0.00	31.30 2.87 0.00	35.01 3.20 0.00	39.90 3.88 0.00	44.25 4.55 0.00	42.95 4.19 0.00	41.63 3.63 0.00	38.73 2.42 0.00	37.40 2.10 0.00	45.02 2.44 0.00	48.22 2.40 0.00	55.65 3.13 0.00	64.41 4.32 0.00	73.85 5.76 0.00	73.93 6.65 0.00	67.27 6.88 0.00	61.60 7.11 0.00	69.05 7.09 0.00	69.81 5.89 0.00	62.37 5.05 0.00	47.55 3.33 0.00
ISLIP_RES_REC 323679	44.20 1.86 0.00	36.61 1.46 0.00	29.70 1.36 0.00	29.28 1.16 0.00	29.44 1.01 0.00	32.69 0.88 0.00	37.08 1.06 0.00	41.20 1.49 0.00	40.55 1.79 0.00	39.94 1.94 0.00	38.55 2.24 0.00	37.89 2.59 0.00	45.84 3.23 -0.03	48.68 2.85 0.00	55.47 2.95 0.00	63.26 3.17 0.00	72.61 4.51 0.00	72.67 5.40 0.00	64.48 4.09 0.00	57.09 2.60 0.00	63.19 1.42 0.18	58.53 0.66 6.05	23.32 0.69 34.70	45.03 0.81 0.00

JAMAICA__27_KV_LOAD 355505	44.30 1.97 0.00	36.71 1.55 0.00	29.76 1.42 0.00	29.40 1.28 0.00	29.51 1.08 0.00	32.81 1.00 0.00	37.35 1.33 0.00	41.34 1.64 0.00	40.58 1.82 0.00	39.92 1.91 0.00	38.18 1.87 0.00	37.20 1.90 0.00	44.91 2.32 0.00	48.21 2.39 0.00	55.06 2.54 0.00	62.91 2.82 0.00	71.87 3.77 0.00	71.68 4.40 0.00	64.17 3.78 0.00	57.34 2.85 0.00	64.15 2.20 0.00	65.37 1.45 0.00	58.71 1.38 0.00	45.58 1.36 0.00
JANIS__SOLAR 323808	43.92 1.58 0.00	36.23 1.08 0.00	29.14 0.80 0.00	28.91 0.79 0.00	29.15 0.72 0.00	32.67 0.86 0.00	36.97 0.95 0.00	40.75 1.05 0.00	39.46 0.70 0.00	38.48 0.47 0.00	36.68 0.37 0.00	35.57 0.27 0.00	42.97 0.38 0.00	46.47 0.65 0.00	53.37 0.85 0.00	61.34 1.25 0.00	69.97 1.88 0.00	70.30 3.02 0.00	63.70 3.31 0.00	57.96 3.47 0.00	65.56 3.60 0.00	67.46 3.53 0.00	60.33 3.01 0.00	46.17 1.95 0.00
JARVIS____ 23743	42.34 0.00 0.00	35.16 0.00 0.00	28.40 0.06 0.00	28.18 0.06 0.00	28.46 0.03 0.00	31.81 0.00 0.00	36.03 0.01 0.00	39.70 0.00 0.00	38.76 0.00 0.00	37.97 -0.04 0.00	36.25 -0.07 0.00	35.23 -0.07 0.00	42.49 -0.10 0.00	45.73 -0.09 0.00	52.41 -0.10 0.00	59.97 -0.12 0.00	68.06 -0.04 0.00	67.47 0.19 0.00	60.68 0.29 0.00	54.71 0.22 0.00	62.04 0.08 0.00	63.85 -0.07 0.00	57.24 -0.09 0.00	44.15 -0.06 0.00
JENNISON____1 23625	44.04 1.70 0.00	36.28 1.13 0.00	29.20 0.86 0.00	28.97 0.85 0.00	29.21 0.78 0.00	32.73 0.92 0.00	37.04 1.02 0.00	40.92 1.22 0.00	39.77 1.01 0.00	39.05 1.05 0.00	37.35 1.04 0.00	36.32 1.01 0.00	43.88 1.30 0.00	47.35 1.53 0.00	54.50 1.98 0.00	62.62 2.53 0.00	71.32 3.23 0.00	71.41 4.13 0.00	64.32 3.93 0.00	58.22 3.74 0.00	65.58 3.62 0.00	67.38 3.46 0.00	60.34 3.01 0.00	46.22 2.00 0.00
JENNISON____2 23626	44.04 1.70 0.00	36.28 1.13 0.00	29.20 0.86 0.00	28.97 0.85 0.00	29.21 0.78 0.00	32.73 0.92 0.00	37.04 1.02 0.00	40.92 1.22 0.00	39.77 1.01 0.00	39.05 1.05 0.00	37.35 1.04 0.00	36.32 1.01 0.00	43.88 1.30 0.00	47.35 1.53 0.00	54.50 1.98 0.00	62.62 2.53 0.00	71.32 3.23 0.00	71.41 4.13 0.00	64.32 3.93 0.00	58.22 3.74 0.00	65.58 3.62 0.00	67.38 3.46 0.00	60.34 3.01 0.00	46.22 2.00 0.00
JERICOHO_RISE_WT_PWR 323719	42.43 0.09 0.00	35.31 0.15 0.00	28.29 -0.06 0.00	28.14 0.02 0.00	28.56 0.13 0.00	32.18 0.37 0.00	36.51 0.49 0.00	40.39 0.68 0.00	39.44 0.68 0.00	38.63 0.62 0.00	37.01 0.70 0.00	35.99 0.69 0.00	43.40 0.81 0.00	46.68 0.86 0.00	53.46 0.94 0.00	61.29 1.20 0.00	69.15 1.05 0.00	67.38 0.10 0.00	60.31 -0.08 0.00	54.57 0.08 0.00	62.81 0.85 0.00	65.20 1.28 0.00	58.43 1.11 0.00	44.99 0.77 0.00
KATONAH__115KV_46KV_TB4 355592	43.89 1.55 0.00	36.39 1.24 0.00	29.46 1.12 0.00	29.10 0.98 0.00	29.29 0.86 0.00	32.66 0.85 0.00	37.15 1.13 0.00	41.13 1.43 0.00	40.33 1.56 0.00	39.64 1.63 0.00	37.96 1.65 0.00	37.00 1.70 0.00	44.70 2.12 0.00	48.03 2.21 0.00	54.93 2.40 0.00	62.80 2.71 0.00	71.68 3.59 0.00	71.53 4.25 0.00	64.08 3.69 0.00	57.33 2.84 0.00	64.20 2.25 0.00	65.40 1.48 0.00	58.56 1.23 0.00	45.35 1.14 0.00
KCE_NY_1 323755	44.05 1.72 0.00	36.56 1.41 0.00	29.59 1.26 0.00	29.33 1.21 0.00	29.65 1.22 0.00	33.02 1.22 0.00	37.52 1.50 0.00	41.36 1.66 0.00	40.36 1.60 0.00	39.35 1.35 0.00	37.25 0.93 0.00	36.13 0.82 0.00	43.60 1.01 0.00	46.93 1.12 0.00	53.83 1.31 0.00	61.74 1.64 0.00	70.44 2.34 0.00	70.31 3.03 0.00	63.65 3.26 0.00	57.38 2.89 0.00	64.84 2.89 0.00	66.31 2.39 0.00	59.43 2.10 0.00	45.66 1.44 0.00
KCE_NY_6_ESR 323823	42.22 -0.12 0.00	34.35 -0.80 0.00	27.32 -1.02 0.00	27.11 -1.01 0.00	27.14 -1.29 0.00	30.12 -1.69 0.00	33.85 -2.18 0.00	37.66 -2.04 0.00	36.85 -1.92 0.00	36.67 -1.34 0.00	35.43 -0.88 0.00	34.53 -0.77 0.00	41.76 -0.83 0.00	45.35 -0.47 0.00	52.35 -0.17 0.00	60.00 -0.09 0.00	67.58 -0.52 0.00	68.13 0.86 0.00	60.91 0.52 0.00	55.22 0.73 0.00	61.81 -0.15 0.00	64.65 0.73 0.00	58.80 1.47 0.00	45.11 0.89 0.00
KEDC PORT_JEFF_GT2 24210	43.97 1.63 0.00	36.44 1.29 0.00	29.57 1.23 0.00	29.16 1.04 0.00	29.31 0.88 0.00	32.55 0.74 0.00	36.90 0.87 0.00	40.97 1.27 0.00	40.30 1.54 0.00	39.67 1.66 0.00	38.26 1.94 0.00	37.59 2.28 0.00	45.43 2.81 -0.03	48.19 2.36 0.00	54.81 2.29 0.00	62.13 2.04 0.00	71.32 3.22 0.00	71.51 4.23 0.00	63.43 3.05 0.00	56.20 1.71 0.00	62.08 0.31 0.19	57.60 -0.20 6.12	22.38 0.07 35.01	44.67 0.45 0.00
KEDC PORT_JEFF_GT3 24211	43.97 1.63 0.00	36.44 1.29 0.00	29.57 1.23 0.00	29.16 1.04 0.00	29.31 0.88 0.00	32.55 0.74 0.00	36.90 0.87 0.00	40.97 1.27 0.00	40.30 1.54 0.00	39.67 1.66 0.00	38.26 1.94 0.00	37.59 2.28 0.00	45.43 2.81 -0.03	48.19 2.36 0.00	54.81 2.29 0.00	62.13 2.04 0.00	71.32 3.22 0.00	71.51 4.23 0.00	63.43 3.05 0.00	56.20 1.71 0.00	62.08 0.31 0.19	57.60 -0.20 6.12	22.38 0.07 35.01	44.67 0.45 0.00
KEDC_GLWD_GT4 24219	44.16 1.82 0.00	36.58 1.42 0.00	29.63 1.29 0.00	29.25 1.13 0.00	29.41 0.98 0.00	32.75 0.95 0.00	37.21 1.19 0.00	41.24 1.53 0.00	40.26 1.50 0.00	39.65 1.64 0.00	38.11 1.80 0.00	37.28 1.98 0.00	45.22 2.60 -0.03	48.48 2.66 0.00	55.27 2.75 0.00	62.91 2.82 0.00	71.90 3.80 0.00	71.71 4.44 0.00	64.01 3.62 0.00	57.11 2.62 0.00	63.73 1.83 0.06	63.67 1.01 1.25	47.55 1.00 10.77	45.44 1.22 0.00
KEDC_GLWD_GT5 24220	44.16 1.82 0.00	36.58 1.42 0.00	29.63 1.29 0.00	29.25 1.13 0.00	29.41 0.98 0.00	32.75 0.95 0.00	37.21 1.19 0.00	41.24 1.53 0.00	40.26 1.50 0.00	39.65 1.64 0.00	38.11 1.80 0.00	37.28 1.98 0.00	45.22 2.60 -0.03	48.48 2.66 0.00	55.27 2.75 0.00	62.91 2.82 0.00	71.90 3.80 0.00	71.71 4.44 0.00	64.01 3.62 0.00	57.11 2.62 0.00	63.73 1.83 0.06	63.67 1.01 1.25	47.55 1.00 10.77	45.44 1.22 0.00
KENSICO____ 23655	43.84 1.50 0.00	36.32 1.17 0.00	29.44 1.10 0.00	29.08 0.96 0.00	29.23 0.80 0.00	32.58 0.77 0.00	37.08 1.05 0.00	41.05 1.35 0.00	40.24 1.47 0.00	39.56 1.56 0.00	37.89 1.58 0.00	36.93 1.63 0.00	44.60 2.02 0.00	47.87 2.05 0.00	54.70 2.18 0.00	62.50 2.41 0.00	71.31 3.21 0.00	71.12 3.84 0.00	63.71 3.32 0.00	56.99 2.51 0.00	63.83 1.87 0.00	65.04 1.12 0.00	58.28 0.96 0.00	45.21 0.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.94 1.60 0.00	36.33 1.18 0.00	29.37 1.03 0.00	29.04 0.92 0.00	29.24 0.81 0.00	32.62 0.81 0.00	37.11 1.09 0.00	41.07 1.37 0.00	40.18 1.42 0.00	39.44 1.44 0.00	37.71 1.40 0.00	36.68 1.38 0.00	44.35 1.76 0.00	47.65 1.83 0.00	54.30 1.78 0.00	58.98 2.19 3.30	69.22 3.19 2.06	71.35 4.07 0.00	64.13 3.74 0.00	57.51 3.02 0.00	64.93 2.97 0.00	66.17 2.25 0.00	59.19 1.86 0.00	45.69 1.48 0.00

KIAC_JFK_GT1 23816	44.01 1.67 0.00	36.49 1.33 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.34 0.91 0.00	32.62 0.81 0.00	37.14 1.12 0.00	41.11 1.41 0.00	40.36 1.60 0.00	39.69 1.69 0.00	37.91 1.60 0.00	36.86 1.56 0.00	44.49 1.90 0.00	47.77 1.95 0.00	54.53 2.01 0.00	62.29 2.20 0.00	71.15 3.06 0.00	70.97 3.69 0.00	63.52 3.14 0.00	56.77 2.28 0.00	63.49 1.53 0.00	64.68 0.76 0.00	58.08 0.75 0.00	45.10 0.89 0.00
KIAC_JFK_GT2 23817	44.01 1.67 0.00	36.49 1.33 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.34 0.91 0.00	32.62 0.81 0.00	37.14 1.12 0.00	41.11 1.41 0.00	40.36 1.60 0.00	39.69 1.69 0.00	37.91 1.60 0.00	36.86 1.56 0.00	44.49 1.90 0.00	47.77 1.95 0.00	54.53 2.01 0.00	62.29 2.20 0.00	71.15 3.06 0.00	70.97 3.69 0.00	63.52 3.14 0.00	56.77 2.28 0.00	63.49 1.53 0.00	64.68 0.76 0.00	58.08 0.75 0.00	45.10 0.89 0.00
KIAC_JFK____ 323774	44.01 1.67 0.00	36.49 1.33 0.00	29.59 1.25 0.00	29.24 1.12 0.00	29.34 0.91 0.00	32.62 0.81 0.00	37.14 1.12 0.00	41.11 1.41 0.00	40.36 1.60 0.00	39.70 1.69 0.00	37.91 1.60 0.00	36.86 1.56 0.00	44.49 1.90 0.00	47.77 1.95 0.00	54.53 2.01 0.00	62.29 2.20 0.00	71.15 3.06 0.00	70.97 3.69 0.00	63.52 3.13 0.00	56.77 2.28 0.00	63.49 1.53 0.00	64.67 0.75 0.00	58.07 0.75 0.00	45.10 0.88 0.00
KINTIGH__24_KV_GSU 356498	41.68 -0.66 0.00	34.05 -1.11 0.00	27.13 -1.21 0.00	26.93 -1.20 0.00	26.99 -1.45 0.00	29.94 -1.87 0.00	33.67 -2.35 0.00	37.40 -2.30 0.00	36.57 -2.19 0.00	36.31 -1.69 0.00	35.01 -1.30 0.00	34.10 -1.20 0.00	41.22 -1.37 0.00	44.63 -1.19 0.00	51.41 -1.11 0.00	58.84 -1.26 0.00	66.29 -1.81 0.00	66.77 -0.51 0.00	59.77 -0.62 0.00	54.18 -0.31 0.00	60.79 -1.16 0.00	63.56 -0.36 0.00	57.74 0.41 0.00	44.36 0.14 0.00
KINTIGH____ 23543	41.65 -0.68 0.00	34.02 -1.13 0.00	27.11 -1.23 0.00	26.90 -1.22 0.00	26.96 -1.47 0.00	29.91 -1.90 0.00	33.65 -2.37 0.00	37.36 -2.34 0.00	36.54 -2.22 0.00	36.30 -1.70 0.00	34.97 -1.34 0.00	34.07 -1.23 0.00	41.18 -1.40 0.00	44.60 -1.22 0.00	51.36 -1.16 0.00	58.80 -1.29 0.00	66.22 -1.87 0.00	66.71 -0.57 0.00	59.71 -0.68 0.00	54.14 -0.34 0.00	60.74 -1.22 0.00	63.49 -0.43 0.00	57.68 0.35 0.00	44.32 0.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.84 0.50 0.00	35.60 0.45 0.00	28.57 0.23 0.00	28.42 0.29 0.00	28.83 0.40 0.00	32.44 0.63 0.00	36.85 0.83 0.00	40.76 1.06 0.00	39.79 1.02 0.00	38.94 0.94 0.00	37.26 0.95 0.00	36.15 0.84 0.00	43.56 0.98 0.00	46.87 1.05 0.00	53.72 1.21 0.00	61.67 1.58 0.00	69.70 1.60 0.00	68.14 0.86 0.00	61.14 0.75 0.00	55.32 0.84 0.00	63.56 1.61 0.00	65.80 1.87 0.00	58.95 1.62 0.00	45.32 1.11 0.00
LACHUTE____HYDRO 323717	46.68 4.34 0.00	38.72 3.57 0.00	31.23 2.89 0.00	31.00 2.88 0.00	31.30 2.87 0.00	35.01 3.20 0.00	39.91 3.88 0.00	44.25 4.55 0.00	42.95 4.19 0.00	41.64 3.63 0.00	38.73 2.42 0.00	37.40 2.10 0.00	45.02 2.44 0.00	48.22 2.40 0.00	55.65 3.13 0.00	64.41 4.32 0.00	73.84 5.75 0.00	73.93 6.65 0.00	67.27 6.88 0.00	61.60 7.11 0.00	69.05 7.09 0.00	69.81 5.89 0.00	62.37 5.05 0.00	47.55 3.33 0.00
LAWRNCAY_115KV_TB1 80681	43.65 1.31 0.00	36.24 1.09 0.00	28.83 0.49 0.00	28.69 0.56 0.00	29.14 0.71 0.00	33.06 1.25 0.00	37.44 1.42 0.00	41.26 1.55 0.00	40.13 1.37 0.00	39.28 1.28 0.00	37.57 1.26 0.00	36.51 1.21 0.00	44.00 1.41 0.00	47.34 1.52 0.00	54.09 1.57 0.00	61.61 1.52 0.00	68.86 0.76 0.00	67.26 -0.01 0.00	60.26 -0.12 0.00	54.80 0.32 0.00	63.28 1.32 0.00	66.54 2.62 0.00	60.01 2.68 0.00	46.32 2.10 0.00
LEDERLE____ 23769	43.95 1.61 0.00	36.29 1.13 0.00	29.36 1.02 0.00	29.03 0.91 0.00	29.25 0.82 0.00	32.62 0.82 0.00	37.13 1.11 0.00	41.14 1.43 0.00	40.30 1.54 0.00	39.63 1.63 0.00	37.99 1.68 0.00	37.00 1.70 0.00	44.73 2.14 0.00	48.07 2.26 0.00	54.99 2.48 0.00	62.85 2.76 0.00	71.73 3.64 0.00	71.55 4.27 0.00	64.07 3.68 0.00	57.33 2.84 0.00	64.17 2.21 0.00	65.37 1.45 0.00	58.57 1.25 0.00	45.38 1.16 0.00
LIGHTHSE_115KV_TB6 355974	42.04 -0.30 0.00	34.96 -0.19 0.00	28.22 -0.12 0.00	28.09 -0.03 0.00	28.44 0.00 0.00	31.90 0.09 0.00	36.04 0.01 0.00	39.68 -0.02 0.00	38.61 -0.15 0.00	37.82 -0.19 0.00	36.05 -0.26 0.00	34.92 -0.38 0.00	42.05 -0.53 0.00	45.34 -0.47 0.00	51.99 -0.53 0.00	59.41 -0.68 0.00	67.47 -0.62 0.00	67.28 0.00 0.00	60.72 0.33 0.00	55.22 0.73 0.00	62.79 0.83 0.00	64.94 1.01 0.00	58.18 0.86 0.00	44.64 0.43 0.00
LINDEN COGEN____ 23786	43.84 1.50 0.00	36.32 1.17 0.00	29.43 1.09 0.00	29.05 0.93 0.00	29.21 0.78 0.00	32.54 0.74 0.00	37.05 1.03 0.00	41.05 1.35 0.00	40.27 1.51 0.00	39.65 1.64 0.00	38.00 1.69 0.00	37.00 1.70 0.00	44.65 2.07 0.00	47.90 2.08 0.00	54.70 2.18 0.00	62.40 2.31 0.00	71.20 3.10 0.00	71.01 3.74 0.00	63.60 3.21 0.00	56.85 2.36 0.00	63.57 1.61 0.00	64.71 0.79 0.01	58.04 0.72 0.01	45.14 0.92 0.00
LINDHRST_69_KV_BK1 356055	44.39 2.05 0.00	36.75 1.60 0.00	29.80 1.46 0.00	29.38 1.25 0.00	29.53 1.10 0.00	32.83 1.02 0.00	37.23 1.21 0.00	41.35 1.65 0.00	40.63 1.87 0.00	40.01 2.01 0.00	38.56 2.25 0.00	37.83 2.53 0.00	45.75 3.13 -0.03	48.62 2.80 0.00	55.47 2.96 0.00	63.46 3.37 0.00	72.63 4.53 0.00	72.52 5.24 0.00	64.57 4.18 0.00	57.28 2.80 0.00	63.64 1.84 0.16	59.99 1.05 4.98	28.49 1.04 29.87	45.39 1.17 0.00
LIPA_MISC_IPP 23656	43.72 1.38 0.00	36.23 1.08 0.00	29.41 1.07 0.00	29.00 0.88 0.00	29.16 0.73 0.00	32.36 0.55 0.00	36.70 0.68 0.00	40.74 1.04 0.00	40.08 1.32 0.00	39.43 1.42 0.00	38.04 1.73 0.00	37.39 2.09 0.00	45.21 2.59 -0.03	47.94 2.11 0.00	54.55 2.03 0.00	62.28 2.19 0.00	71.51 3.42 0.00	71.60 4.32 0.00	63.62 3.23 0.00	56.29 1.81 0.00	62.36 0.58 0.19	57.62 -0.15 6.15	22.23 0.05 35.15	44.48 0.26 0.00
LISF____SOLAR 323691	43.78 1.44 0.00	36.27 1.12 0.00	29.45 1.11 0.00	29.04 0.92 0.00	29.20 0.77 0.00	32.40 0.59 0.00	36.74 0.72 0.00	40.80 1.10 0.00	40.13 1.36 0.00	39.46 1.46 0.00	38.06 1.75 0.00	37.42 2.12 0.00	45.23 2.61 -0.03	47.95 2.13 0.00	54.61 2.09 0.00	62.36 2.26 0.00	71.64 3.55 0.00	71.75 4.48 0.00	63.78 3.39 0.00	56.45 1.96 0.00	62.51 0.74 0.19	57.76 -0.02 6.14	22.34 0.12 35.10	44.56 0.34 0.00
LITTLE FALLS____HYD 24013	42.62 0.28 0.00	35.25 0.09 0.00	28.67 0.33 0.00	28.42 0.29 0.00	28.63 0.19 0.00	31.93 0.12 0.00	36.21 0.19 0.00	39.75 0.05 0.00	38.51 -0.25 0.00	37.33 -0.68 0.00	35.17 -1.14 0.00	34.04 -1.26 0.00	40.98 -1.61 0.00	44.14 -1.68 0.00	50.66 -1.86 0.00	58.34 -1.75 0.00	66.47 -1.63 0.00	67.10 -0.17 0.00	61.34 0.95 0.00	55.66 1.18 0.00	62.85 0.89 0.00	64.03 0.11 0.00	57.07 -0.26 0.00	43.88 -0.34 0.00

LITTLRIV_115KV_TB1 356100	44.30 1.96 0.00	36.78 1.62 0.00	29.25 0.91 0.00	29.10 0.98 0.00	29.58 1.15 0.00	33.57 1.76 0.00	38.02 2.00 0.00	41.83 2.13 0.00	40.49 1.73 0.00	39.51 1.51 0.00	37.74 1.42 0.00	36.66 1.36 0.00	44.20 1.61 0.00	47.56 1.74 0.00	54.33 1.81 0.00	61.96 1.87 0.00	69.26 1.17 0.00	67.89 0.61 0.00	60.94 0.55 0.00	55.69 1.20 0.00	64.50 2.54 0.00	67.83 3.91 0.00	61.13 3.80 0.00	47.09 2.88 0.00
LI_NEWBRDGE___DRP 323616	43.82 1.48 0.00	36.31 1.16 0.00	29.43 1.09 0.00	29.04 0.92 0.00	29.20 0.77 0.00	32.48 0.67 0.00	36.84 0.82 0.00	40.86 1.16 0.00	40.10 1.34 0.00	39.48 1.48 0.00	38.07 1.75 0.00	37.27 1.97 0.00	45.01 2.39 -0.03	47.88 2.06 0.00	54.62 2.10 0.00	62.40 2.31 0.00	71.37 3.28 0.00	71.20 3.92 0.00	63.42 3.03 0.00	56.44 1.96 0.00	62.75 0.99 0.20	57.34 0.24 6.82	19.56 0.28 38.05	44.83 0.61 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.75 -0.59 0.00	34.00 -1.16 0.00	27.01 -1.34 0.00	26.81 -1.31 0.00	26.81 -1.62 0.00	29.75 -2.06 0.00	33.40 -2.62 0.00	37.13 -2.57 0.00	36.28 -2.48 0.00	36.05 -1.95 0.00	34.79 -1.52 0.00	33.92 -1.38 0.00	40.99 -1.59 0.00	44.44 -1.38 0.00	51.28 -1.24 0.00	58.71 -1.39 0.00	66.07 -2.03 0.00	66.83 -0.45 0.00	59.81 -0.58 0.00	54.27 -0.22 0.00	60.80 -1.15 0.00	63.75 -0.17 0.00	58.29 0.97 0.00	44.81 0.59 0.00
LOCKPORT___CC1 323769	41.73 -0.61 0.00	33.97 -1.19 0.00	27.00 -1.34 0.00	26.79 -1.34 0.00	26.80 -1.63 0.00	29.72 -2.09 0.00	33.36 -2.66 0.00	37.10 -2.61 0.00	36.26 -2.51 0.00	36.03 -1.97 0.00	34.79 -1.52 0.00	33.91 -1.39 0.00	40.98 -1.61 0.00	44.44 -1.38 0.00	51.26 -1.26 0.00	58.68 -1.41 0.00	66.02 -2.07 0.00	66.76 -0.51 0.00	59.74 -0.65 0.00	54.21 -0.28 0.00	60.74 -1.21 0.00	63.70 -0.22 0.00	58.20 0.87 0.00	44.73 0.51 0.00
LOCKPORT___CC2 323770	41.73 -0.61 0.00	33.97 -1.19 0.00	27.00 -1.34 0.00	26.79 -1.34 0.00	26.80 -1.63 0.00	29.72 -2.09 0.00	33.36 -2.66 0.00	37.10 -2.61 0.00	36.26 -2.51 0.00	36.03 -1.97 0.00	34.79 -1.52 0.00	33.91 -1.39 0.00	40.98 -1.61 0.00	44.44 -1.38 0.00	51.26 -1.26 0.00	58.68 -1.41 0.00	66.02 -2.07 0.00	66.76 -0.51 0.00	59.74 -0.65 0.00	54.21 -0.28 0.00	60.74 -1.21 0.00	63.70 -0.22 0.00	58.20 0.87 0.00	44.73 0.51 0.00
LOCKPORT___CC3 323771	41.73 -0.61 0.00	33.97 -1.19 0.00	27.00 -1.34 0.00	26.79 -1.34 0.00	26.80 -1.63 0.00	29.72 -2.09 0.00	33.36 -2.66 0.00	37.10 -2.61 0.00	36.26 -2.51 0.00	36.03 -1.97 0.00	34.79 -1.52 0.00	33.91 -1.39 0.00	40.98 -1.61 0.00	44.44 -1.38 0.00	51.26 -1.26 0.00	58.68 -1.41 0.00	66.02 -2.07 0.00	66.76 -0.51 0.00	59.74 -0.65 0.00	54.21 -0.28 0.00	60.74 -1.21 0.00	63.70 -0.22 0.00	58.20 0.87 0.00	44.73 0.51 0.00
LOCUSVLY_69_KV_BK2 55797	44.28 1.94 0.00	36.64 1.49 0.00	29.68 1.35 0.00	29.29 1.17 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.21 1.19 0.00	41.28 1.58 0.00	40.46 1.69 0.00	39.85 1.85 0.00	38.36 2.05 0.00	37.59 2.29 0.00	45.50 2.89 -0.03	48.59 2.77 0.00	55.50 2.98 0.00	63.35 3.25 0.00	72.45 4.35 0.00	72.25 4.97 0.00	64.39 4.00 0.00	57.36 2.88 0.00	63.92 2.05 0.09	62.60 1.18 2.50	41.30 1.09 17.12	45.43 1.22 0.00
LONG_LAKE_PHOENIX 24014	41.46 -0.88 0.00	34.45 -0.70 0.00	27.79 -0.55 0.00	27.57 -0.55 0.00	27.82 -0.61 0.00	31.11 -0.70 0.00	35.17 -0.85 0.00	38.74 -0.96 0.00	37.79 -0.97 0.00	37.07 -0.93 0.00	35.43 -0.88 0.00	34.42 -0.88 0.00	41.54 -1.05 0.00	44.75 -1.07 0.00	51.36 -1.16 0.00	58.83 -1.26 0.00	66.86 -1.24 0.00	66.57 -0.70 0.00	59.92 -0.47 0.00	54.09 -0.39 0.00	61.20 -0.76 0.00	62.95 -0.97 0.00	56.38 -0.95 0.00	43.37 -0.85 0.00
LOVETT___3 23632	43.62 1.28 0.00	36.00 0.85 0.00	29.20 0.86 0.00	28.87 0.75 0.00	29.07 0.64 0.00	32.43 0.62 0.00	36.90 0.88 0.00	40.85 1.14 0.00	40.02 1.25 0.00	39.32 1.32 0.00	37.67 1.36 0.00	36.69 1.39 0.00	44.31 1.72 0.00	47.57 1.75 0.00	54.37 1.85 0.00	62.09 1.99 0.00	70.83 2.74 0.00	70.66 3.38 0.00	63.31 2.93 0.00	56.65 2.17 0.00	63.45 1.49 0.00	64.66 0.74 0.00	57.97 0.65 0.00	44.95 0.73 0.00
LOVETT___4 23642	43.62 1.28 0.00	36.00 0.85 0.00	29.20 0.86 0.00	28.87 0.75 0.00	29.07 0.64 0.00	32.43 0.62 0.00	36.90 0.88 0.00	40.85 1.14 0.00	40.02 1.25 0.00	39.32 1.32 0.00	37.67 1.36 0.00	36.69 1.39 0.00	44.31 1.72 0.00	47.57 1.75 0.00	54.37 1.85 0.00	62.09 1.99 0.00	70.83 2.74 0.00	70.66 3.38 0.00	63.31 2.93 0.00	56.65 2.17 0.00	63.45 1.49 0.00	64.66 0.74 0.00	57.97 0.65 0.00	44.95 0.73 0.00
LOVETT___5 23593	43.62 1.28 0.00	36.00 0.85 0.00	29.20 0.86 0.00	28.87 0.75 0.00	29.07 0.64 0.00	32.43 0.62 0.00	36.90 0.88 0.00	40.85 1.14 0.00	40.02 1.25 0.00	39.32 1.32 0.00	37.67 1.36 0.00	36.69 1.39 0.00	44.31 1.72 0.00	47.57 1.75 0.00	54.37 1.85 0.00	62.09 1.99 0.00	70.83 2.74 0.00	70.66 3.38 0.00	63.31 2.93 0.00	56.65 2.17 0.00	63.45 1.49 0.00	64.66 0.74 0.00	57.97 0.65 0.00	44.95 0.73 0.00
LOWER RAQUET___HYD 24057	43.72 1.37 0.00	36.29 1.14 0.00	28.88 0.54 0.00	28.74 0.62 0.00	29.21 0.78 0.00	33.14 1.33 0.00	37.52 1.50 0.00	41.34 1.64 0.00	40.19 1.43 0.00	39.32 1.31 0.00	37.59 1.28 0.00	36.54 1.24 0.00	44.03 1.44 0.00	47.37 1.55 0.00	54.09 1.57 0.00	61.55 1.45 0.00	68.75 0.65 0.00	67.23 -0.05 0.00	60.27 -0.12 0.00	54.85 0.36 0.00	63.35 1.40 0.00	66.68 2.76 0.00	60.17 2.84 0.00	46.45 2.23 0.00
LOWER___HUDSON 24059	43.35 1.01 0.00	36.02 0.87 0.00	29.25 0.91 0.00	28.97 0.84 0.00	29.24 0.80 0.00	32.58 0.77 0.00	36.97 0.94 0.00	40.72 1.02 0.00	39.79 1.03 0.00	38.82 0.81 0.00	36.81 0.50 0.00	35.72 0.42 0.00	43.03 0.44 0.00	46.25 0.44 0.00	52.99 0.47 0.00	60.59 0.50 0.00	69.05 0.95 0.00	68.88 1.60 0.00	62.21 1.82 0.00	56.04 1.55 0.00	63.33 1.37 0.00	64.85 0.93 0.00	58.08 0.75 0.00	44.80 0.58 0.00
LOWVILLE_115KV_TB2 356335	42.96 0.62 0.00	35.81 0.66 0.00	28.96 0.62 0.00	29.03 0.90 0.00	29.51 1.08 0.00	33.27 1.46 0.00	37.59 1.57 0.00	41.41 1.70 0.00	40.20 1.44 0.00	39.22 1.22 0.00	37.30 0.98 0.00	36.09 0.79 0.00	43.43 0.84 0.00	46.91 1.08 0.00	53.71 1.19 0.00	61.37 1.28 0.00	69.69 1.60 0.00	69.48 2.20 0.00	62.82 2.44 0.00	57.46 2.97 0.00	65.76 3.81 0.00	68.26 4.33 0.00	61.09 3.77 0.00	46.85 2.63 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.03 1.69 0.00	36.55 1.40 0.00	29.61 1.27 0.00	29.33 1.21 0.00	29.62 1.19 0.00	33.03 1.23 0.00	37.52 1.49 0.00	41.33 1.63 0.00	40.31 1.55 0.00	39.32 1.32 0.00	37.22 0.90 0.00	36.10 0.80 0.00	43.52 0.94 0.00	46.83 1.01 0.00	53.74 1.22 0.00	61.60 1.51 0.00	70.32 2.23 0.00	70.23 2.95 0.00	63.58 3.19 0.00	57.35 2.86 0.00	64.79 2.83 0.00	66.28 2.36 0.00	59.32 2.00 0.00	45.66 1.44 0.00

LUTHERNY_35_KV_BK2 355980	44.05 1.71 0.00	36.56 1.41 0.00	29.60 1.26 0.00	29.33 1.21 0.00	29.65 1.22 0.00	33.02 1.22 0.00	37.53 1.51 0.00	41.36 1.66 0.00	40.36 1.60 0.00	39.35 1.35 0.00	37.25 0.93 0.00	36.13 0.83 0.00	43.60 1.01 0.00	46.94 1.12 0.00	53.83 1.31 0.00	61.74 1.64 0.00	70.44 2.34 0.00	70.31 3.04 0.00	63.65 3.27 0.00	57.38 2.89 0.00	64.84 2.89 0.00	66.31 2.39 0.00	59.43 2.10 0.00	45.66 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	43.36 1.02 0.00	36.06 0.91 0.00	28.91 0.57 0.00	28.88 0.76 0.00	29.35 0.92 0.00	33.21 1.40 0.00	37.56 1.54 0.00	41.37 1.67 0.00	40.18 1.41 0.00	39.26 1.25 0.00	37.43 1.12 0.00	36.27 0.97 0.00	43.66 1.07 0.00	47.06 1.24 0.00	53.81 1.29 0.00	61.34 1.25 0.00	69.08 0.99 0.00	68.23 0.95 0.00	61.47 1.09 0.00	56.16 1.67 0.00	64.58 2.62 0.00	67.54 3.62 0.00	60.70 3.37 0.00	46.68 2.46 0.00
LYONS_FALL_HYD 23570	43.03 0.69 0.00	35.81 0.66 0.00	28.94 0.60 0.00	28.88 0.76 0.00	29.29 0.86 0.00	32.95 1.14 0.00	37.28 1.26 0.00	41.06 1.35 0.00	39.92 1.16 0.00	39.01 1.00 0.00	37.15 0.84 0.00	35.99 0.69 0.00	43.35 0.76 0.00	46.82 1.00 0.00	53.64 1.13 0.00	61.35 1.26 0.00	69.72 1.63 0.00	69.49 2.21 0.00	62.74 2.35 0.00	57.12 2.63 0.00	65.11 3.15 0.00	67.36 3.44 0.00	60.28 2.96 0.00	46.27 2.05 0.00
MADISON___COUNTY_LFGE 323628	43.24 0.90 0.00	35.86 0.70 0.00	28.93 0.59 0.00	28.73 0.61 0.00	29.02 0.59 0.00	32.52 0.72 0.00	36.85 0.82 0.00	40.56 0.86 0.00	39.47 0.71 0.00	38.62 0.62 0.00	36.84 0.52 0.00	35.77 0.47 0.00	43.14 0.56 0.00	46.64 0.82 0.00	53.49 0.97 0.00	61.32 1.23 0.00	69.80 1.70 0.00	69.64 2.37 0.00	62.84 2.45 0.00	56.94 2.45 0.00	64.49 2.54 0.00	66.34 2.42 0.00	59.35 2.02 0.00	45.57 1.36 0.00
MALONE___115KV_TB1 356076	43.23 0.89 0.00	35.92 0.76 0.00	28.71 0.37 0.00	28.57 0.45 0.00	29.01 0.58 0.00	32.73 0.92 0.00	37.14 1.12 0.00	41.07 1.36 0.00	40.05 1.29 0.00	39.23 1.23 0.00	37.58 1.27 0.00	36.54 1.24 0.00	44.02 1.43 0.00	47.36 1.55 0.00	54.23 1.71 0.00	62.17 2.08 0.00	70.03 1.93 0.00	68.37 1.09 0.00	61.29 0.90 0.00	55.58 1.10 0.00	64.00 2.04 0.00	66.65 2.73 0.00	59.76 2.43 0.00	45.95 1.73 0.00
MAPLEWOD_115KV_TB3 80458	43.04 0.70 0.00	35.77 0.61 0.00	29.10 0.76 0.00	28.81 0.69 0.00	29.05 0.62 0.00	32.37 0.56 0.00	36.72 0.70 0.00	40.43 0.73 0.00	39.54 0.78 0.00	38.58 0.57 0.00	36.67 0.36 0.00	35.60 0.30 0.00	42.84 0.26 0.00	46.07 0.25 0.00	52.81 0.29 0.00	60.36 0.27 0.00	68.74 0.64 0.00	68.53 1.26 0.00	61.82 1.43 0.00	55.64 1.15 0.00	62.84 0.88 0.00	64.34 0.42 0.00	57.57 0.25 0.00	44.45 0.23 0.00
MAPLE_RIDGE_WT_1 323574	42.03 -0.31 0.00	34.97 -0.18 0.00	28.21 -0.12 0.00	28.08 -0.04 0.00	28.44 0.01 0.00	31.90 0.09 0.00	36.12 0.10 0.00	39.82 0.12 0.00	38.88 0.11 0.00	38.10 0.10 0.00	36.42 0.10 0.00	35.41 0.11 0.00	42.71 0.13 0.00	45.95 0.13 0.00	52.65 0.13 0.00	60.26 0.17 0.00	68.20 0.10 0.00	67.22 -0.06 0.00	60.32 -0.07 0.00	54.44 -0.05 0.00	62.04 0.08 0.00	64.13 0.21 0.00	57.50 0.17 0.00	44.36 0.14 0.00
MAPLE_RIDGE_WT_2 323611	42.03 -0.31 0.00	34.97 -0.18 0.00	28.21 -0.12 0.00	28.08 -0.04 0.00	28.44 0.01 0.00	31.90 0.09 0.00	36.12 0.10 0.00	39.82 0.12 0.00	38.88 0.11 0.00	38.10 0.10 0.00	36.42 0.10 0.00	35.41 0.11 0.00	42.71 0.13 0.00	45.95 0.13 0.00	52.65 0.13 0.00	60.26 0.17 0.00	68.20 0.10 0.00	67.22 -0.06 0.00	60.32 -0.07 0.00	54.44 -0.05 0.00	62.04 0.08 0.00	64.13 0.21 0.00	57.50 0.17 0.00	44.36 0.14 0.00
MARBLE_RIVER_WT_PWR 323696	42.42 0.08 0.00	35.30 0.14 0.00	28.31 -0.03 0.00	28.15 0.03 0.00	28.58 0.14 0.00	32.17 0.37 0.00	36.51 0.49 0.00	40.38 0.67 0.00	39.43 0.67 0.00	38.61 0.61 0.00	36.98 0.67 0.00	35.94 0.64 0.00	43.35 0.77 0.00	46.63 0.81 0.00	53.41 0.89 0.00	61.23 1.14 0.00	69.10 1.01 0.00	67.43 0.15 0.00	60.38 -0.01 0.00	54.63 0.14 0.00	62.80 0.84 0.00	65.12 1.20 0.00	58.38 1.05 0.00	44.95 0.73 0.00
MARSHVLE_115KV_TB1 80742	44.64 2.30 0.00	37.01 1.86 0.00	29.77 1.43 0.00	29.50 1.38 0.00	29.83 1.40 0.00	33.45 1.64 0.00	38.01 1.99 0.00	41.77 2.07 0.00	40.38 1.61 0.00	39.36 1.36 0.00	37.61 1.30 0.00	36.52 1.22 0.00	44.14 1.56 0.00	47.53 1.71 0.00	54.57 2.05 0.00	62.55 2.46 0.00	71.08 2.98 0.00	70.60 3.32 0.00	64.00 3.61 0.00	58.30 3.81 0.00	66.33 4.37 0.00	68.86 4.94 0.00	61.70 4.37 0.00	47.46 3.24 0.00
MARSH_HILL_WT_PWR 323713	42.95 0.61 0.00	35.10 -0.05 0.00	28.08 -0.26 0.00	27.88 -0.24 0.00	27.99 -0.44 0.00	31.25 -0.56 0.00	35.30 -0.72 0.00	39.03 -0.67 0.00	37.85 -0.91 0.00	37.24 -0.76 0.00	35.71 -0.61 0.00	34.69 -0.61 0.00	41.79 -0.79 0.00	45.37 -0.46 0.00	52.32 -0.20 0.00	60.19 0.10 0.00	68.23 0.14 0.00	68.82 1.54 0.00	61.73 1.35 0.00	55.96 1.47 0.00	63.02 1.06 0.00	65.38 1.46 0.00	59.06 1.74 0.00	45.19 0.97 0.00
MCINTYRE_115KV_TB2 80467	44.53 2.19 0.00	36.96 1.80 0.00	29.37 1.04 0.00	29.22 1.10 0.00	29.71 1.28 0.00	33.70 1.90 0.00	38.17 2.15 0.00	41.96 2.26 0.00	40.52 1.76 0.00	39.51 1.51 0.00	37.75 1.44 0.00	36.69 1.39 0.00	44.25 1.66 0.00	47.60 1.78 0.00	54.42 1.89 0.00	62.16 2.06 0.00	69.54 1.44 0.00	68.19 0.92 0.00	61.21 0.83 0.00	56.02 1.53 0.00	64.98 3.03 0.00	68.29 4.37 0.00	61.43 4.11 0.00	47.29 3.07 0.00
MECO_____69_KV_BK1 80468	44.94 2.60 0.00	37.24 2.09 0.00	30.02 1.68 0.00	29.74 1.62 0.00	30.05 1.62 0.00	33.66 1.85 0.00	38.25 2.22 0.00	42.04 2.33 0.00	40.52 1.76 0.00	39.30 1.29 0.00	37.27 0.95 0.00	36.04 0.74 0.00	43.49 0.90 0.00	46.83 1.01 0.00	53.76 1.24 0.00	61.74 1.65 0.00	70.61 2.51 0.00	70.76 3.48 0.00	64.59 4.20 0.00	58.97 4.48 0.00	66.99 5.03 0.00	69.12 5.19 0.00	61.77 4.44 0.00	47.45 3.23 0.00
MENANDS___115KV_TB5 355628	42.72 0.38 0.00	35.52 0.37 0.00	28.94 0.60 0.00	28.66 0.53 0.00	28.90 0.47 0.00	32.18 0.37 0.00	36.51 0.48 0.00	40.18 0.48 0.00	39.30 0.54 0.00	38.35 0.35 0.00	36.47 0.16 0.00	35.39 0.09 0.00	42.58 -0.01 0.00	45.76 -0.06 0.00	52.43 -0.09 0.00	59.85 -0.24 0.00	68.12 0.02 0.00	67.88 0.61 0.00	61.20 0.81 0.00	55.04 0.56 0.00	62.19 0.23 0.00	63.65 -0.27 0.00	57.00 -0.33 0.00	44.03 -0.18 0.00
MG INDUSTRY___DRP 24185	42.88 0.54 0.00	35.66 0.51 0.00	29.02 0.68 0.00	28.77 0.65 0.00	29.01 0.58 0.00	32.33 0.52 0.00	36.64 0.62 0.00	40.25 0.55 0.00	39.24 0.48 0.00	38.25 0.24 0.00	36.33 0.02 0.00	35.19 -0.11 0.00	42.31 -0.28 0.00	45.45 -0.38 0.00	51.96 -0.56 0.00	36.79 -1.49 21.81	52.81 -1.66 13.63	66.00 -1.27 0.00	59.67 -0.72 0.00	53.77 -0.71 0.00	60.85 -1.10 0.00	62.41 -1.51 0.00	55.89 -1.43 0.00	43.21 -1.01 0.00

MID___OSWEGATCHIE_HYD 23849	43.36 1.02 0.00	36.06 0.91 0.00	28.91 0.57 0.00	28.88 0.76 0.00	29.35 0.92 0.00	33.21 1.40 0.00	37.56 1.54 0.00	41.37 1.67 0.00	40.18 1.41 0.00	39.26 1.25 0.00	37.43 1.12 0.00	36.27 0.97 0.00	43.66 1.07 0.00	47.06 1.24 0.00	53.81 1.29 0.00	61.34 1.25 0.00	69.08 0.99 0.00	68.23 0.95 0.00	61.47 1.09 0.00	56.16 1.67 0.00	64.58 2.62 0.00	67.54 3.62 0.00	60.70 3.37 0.00	46.68 2.46 0.00
MID___RAQUETTE_HYD 23851	43.71 1.37 0.00	36.29 1.14 0.00	28.88 0.54 0.00	28.75 0.62 0.00	29.21 0.78 0.00	33.14 1.33 0.00	37.52 1.50 0.00	41.34 1.64 0.00	40.19 1.43 0.00	39.32 1.31 0.00	37.60 1.29 0.00	36.54 1.24 0.00	44.03 1.44 0.00	47.37 1.55 0.00	54.09 1.57 0.00	61.55 1.46 0.00	68.75 0.65 0.00	67.23 -0.05 0.00	60.26 -0.12 0.00	54.85 0.36 0.00	63.36 1.40 0.00	66.68 2.76 0.00	60.17 2.84 0.00	46.45 2.23 0.00
MILLIKEN___1 23584	42.91 0.57 0.00	35.48 0.33 0.00	28.57 0.23 0.00	28.35 0.22 0.00	28.59 0.15 0.00	31.98 0.17 0.00	36.15 0.12 0.00	39.83 0.13 0.00	38.76 0.00 0.00	37.96 -0.05 0.00	36.25 -0.07 0.00	35.20 -0.10 0.00	42.53 -0.05 0.00	46.02 0.20 0.00	52.77 0.25 0.00	60.55 0.46 0.00	68.83 0.73 0.00	68.96 1.68 0.00	62.19 1.80 0.00	56.34 1.85 0.00	63.54 1.58 0.00	65.46 1.54 0.00	58.66 1.33 0.00	45.03 0.81 0.00
MILLIKEN___2 23585	42.91 0.57 0.00	35.48 0.33 0.00	28.57 0.23 0.00	28.35 0.22 0.00	28.59 0.15 0.00	31.98 0.17 0.00	36.15 0.12 0.00	39.83 0.13 0.00	38.76 0.00 0.00	37.96 -0.05 0.00	36.25 -0.07 0.00	35.20 -0.10 0.00	42.53 -0.05 0.00	46.02 0.20 0.00	52.77 0.25 0.00	60.55 0.46 0.00	68.83 0.73 0.00	68.96 1.68 0.00	62.19 1.80 0.00	56.34 1.85 0.00	63.54 1.58 0.00	65.46 1.54 0.00	58.66 1.33 0.00	45.03 0.81 0.00
MILLIKEN___DIESEL 23629	42.91 0.57 0.00	35.48 0.33 0.00	28.57 0.23 0.00	28.35 0.22 0.00	28.59 0.15 0.00	31.98 0.17 0.00	36.15 0.12 0.00	39.83 0.13 0.00	38.76 0.00 0.00	37.96 -0.05 0.00	36.25 -0.07 0.00	35.20 -0.10 0.00	42.53 -0.05 0.00	46.02 0.20 0.00	52.77 0.25 0.00	60.55 0.46 0.00	68.83 0.73 0.00	68.96 1.68 0.00	62.19 1.80 0.00	56.34 1.85 0.00	63.54 1.58 0.00	65.46 1.54 0.00	58.66 1.33 0.00	45.03 0.81 0.00
MILLSEAT___LFGE 323607	42.53 0.18 0.00	34.66 -0.50 0.00	27.58 -0.76 0.00	27.36 -0.76 0.00	27.42 -1.01 0.00	30.47 -1.34 0.00	34.30 -1.72 0.00	38.09 -1.61 0.00	37.17 -1.59 0.00	36.78 -1.23 0.00	35.43 -0.88 0.00	34.49 -0.81 0.00	41.70 -0.89 0.00	45.24 -0.58 0.00	52.20 -0.32 0.00	59.86 -0.24 0.00	67.59 -0.51 0.00	68.61 1.33 0.00	61.49 1.10 0.00	55.82 1.33 0.00	62.66 0.70 0.00	65.44 1.52 0.00	59.49 2.16 0.00	45.60 1.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.75 1.41 0.00	36.25 1.10 0.00	29.37 1.03 0.00	29.01 0.88 0.00	29.18 0.75 0.00	32.52 0.71 0.00	37.01 0.98 0.00	40.97 1.27 0.00	40.14 1.38 0.00	39.46 1.45 0.00	37.79 1.47 0.00	36.82 1.52 0.00	44.47 1.88 0.00	47.72 1.90 0.00	54.55 2.03 0.00	62.32 2.23 0.00	71.10 3.00 0.00	70.93 3.65 0.00	63.56 3.17 0.00	56.87 2.38 0.00	63.71 1.75 0.00	64.92 1.00 0.00	58.18 0.85 0.00	45.11 0.89 0.00
MILLWOOD_13_KV_LOAD 356217	43.81 1.48 0.00	36.31 1.16 0.00	29.41 1.07 0.00	29.04 0.92 0.00	29.22 0.78 0.00	32.56 0.76 0.00	37.05 1.03 0.00	41.02 1.31 0.00	40.21 1.45 0.00	39.52 1.52 0.00	37.85 1.54 0.00	36.87 1.57 0.00	44.55 1.96 0.00	47.82 2.00 0.00	54.66 2.14 0.00	62.46 2.37 0.00	71.27 3.18 0.00	71.12 3.84 0.00	63.71 3.32 0.00	57.00 2.51 0.00	63.86 1.91 0.00	65.07 1.15 0.00	58.31 0.99 0.00	45.20 0.98 0.00
MODEL_CITY_ENERGY 24167	41.39 -0.95 0.00	33.70 -1.45 0.00	26.77 -1.57 0.00	26.58 -1.54 0.00	26.58 -1.85 0.00	29.47 -2.34 0.00	33.06 -2.96 0.00	36.75 -2.96 0.00	35.91 -2.85 0.00	35.66 -2.34 0.00	34.45 -1.86 0.00	33.58 -1.72 0.00	40.56 -2.03 0.00	43.95 -1.87 0.00	50.69 -1.83 0.00	58.04 -2.06 0.00	65.28 -2.82 0.00	65.98 -1.30 0.00	59.04 -1.35 0.00	53.58 -0.91 0.00	60.03 -1.93 0.00	63.01 -0.91 0.00	57.77 0.44 0.00	44.45 0.23 0.00
MODERN_LFGE___ 323580	41.39 -0.95 0.00	33.70 -1.45 0.00	26.77 -1.57 0.00	26.58 -1.54 0.00	26.58 -1.85 0.00	29.47 -2.34 0.00	33.06 -2.96 0.00	36.75 -2.96 0.00	35.91 -2.85 0.00	35.66 -2.34 0.00	34.45 -1.86 0.00	33.58 -1.72 0.00	40.56 -2.03 0.00	43.95 -1.87 0.00	50.69 -1.83 0.00	58.04 -2.06 0.00	65.28 -2.82 0.00	65.98 -1.30 0.00	59.04 -1.35 0.00	53.58 -0.91 0.00	60.03 -1.93 0.00	63.01 -0.91 0.00	57.77 0.44 0.00	44.45 0.23 0.00
MOHAWK_PAPER___DRP 24187	43.04 0.70 0.00	35.77 0.61 0.00	29.10 0.76 0.00	28.81 0.69 0.00	29.05 0.62 0.00	32.37 0.56 0.00	36.72 0.70 0.00	40.43 0.73 0.00	39.54 0.78 0.00	38.58 0.57 0.00	36.67 0.36 0.00	35.60 0.30 0.00	42.84 0.26 0.00	46.07 0.25 0.00	52.81 0.29 0.00	60.36 0.27 0.00	68.74 0.64 0.00	68.53 1.26 0.00	61.82 1.43 0.00	55.64 1.15 0.00	62.84 0.88 0.00	64.34 0.42 0.00	57.57 0.25 0.00	44.45 0.23 0.00
MOHICAN___35_KV_115KV_LD 80490	44.47 2.13 0.00	36.92 1.77 0.00	29.87 1.52 0.00	29.59 1.47 0.00	29.88 1.45 0.00	33.37 1.56 0.00	37.93 1.90 0.00	41.82 2.11 0.00	40.77 2.01 0.00	39.67 1.67 0.00	37.26 0.95 0.00	36.08 0.78 0.00	43.45 0.86 0.00	46.75 0.93 0.00	53.74 1.22 0.00	61.77 1.68 0.00	70.68 2.58 0.00	70.73 3.46 0.00	64.37 3.98 0.00	58.22 3.73 0.00	65.66 3.70 0.00	66.97 3.05 0.00	59.84 2.51 0.00	45.96 1.74 0.00
MONGAUP___HYD 23641	43.87 1.53 0.00	36.29 1.14 0.00	29.30 0.96 0.00	28.99 0.87 0.00	29.21 0.78 0.00	32.60 0.79 0.00	37.06 1.04 0.00	40.93 1.23 0.00	39.93 1.17 0.00	38.98 0.97 0.00	37.16 0.85 0.00	36.16 0.86 0.00	43.65 1.06 0.00	46.90 1.08 0.00	53.65 1.13 0.00	61.17 1.08 0.00	70.11 2.02 0.00	70.74 3.46 0.00	63.79 3.41 0.00	57.43 2.94 0.00	64.59 2.63 0.00	65.95 2.03 0.00	59.00 1.67 0.00	45.54 1.32 0.00
MONTAUK___DIESEL 23721	45.79 3.45 0.00	37.81 2.66 0.00	30.64 2.31 0.00	30.25 2.12 0.00	30.42 1.99 0.00	33.76 1.96 0.00	38.36 2.34 0.00	42.67 2.97 0.00	42.08 3.32 0.00	41.44 3.44 0.00	40.04 3.73 0.00	39.68 4.38 0.00	48.05 5.44 -0.03	51.05 5.23 0.00	57.69 5.17 0.00	65.87 5.77 0.00	75.87 7.77 0.00	76.08 8.81 0.00	67.59 7.20 0.00	59.54 5.06 0.00	65.81 4.04 0.19	61.79 4.02 6.15	25.93 3.74 35.13	47.02 2.80 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.00 0.66 0.00	34.89 -0.27 0.00	27.80 -0.54 0.00	27.61 -0.51 0.00	27.63 -0.80 0.00	30.79 -1.02 0.00	34.88 -1.14 0.00	38.90 -0.80 0.00	38.02 -0.74 0.00	37.91 -0.09 0.00	36.60 0.29 0.00	35.69 0.39 0.00	43.17 0.59 0.00	47.00 1.18 0.00	54.22 1.70 0.00	62.08 1.99 0.00	69.70 1.60 0.00	70.02 2.75 0.00	62.52 2.13 0.00	56.63 2.14 0.00	63.13 1.17 0.00	65.67 1.74 0.00	59.77 2.45 0.00	45.81 1.60 0.00

MORRIS_RIDGE___SOLAR 323848	42.33 -0.01 0.00	34.57 -0.58 0.00	27.64 -0.70 0.00	27.43 -0.69 0.00	27.52 -0.91 0.00	30.66 -1.15 0.00	34.58 -1.44 0.00	38.27 -1.43 0.00	37.18 -1.58 0.00	36.71 -1.29 0.00	35.27 -1.04 0.00	34.30 -1.00 0.00	41.37 -1.22 0.00	44.88 -0.93 0.00	51.75 -0.77 0.00	59.45 -0.64 0.00	67.22 -0.88 0.00	67.77 0.50 0.00	60.74 0.36 0.00	55.15 0.66 0.00	61.90 -0.06 0.00	64.39 0.46 0.00	58.33 1.00 0.00	44.72 0.50 0.00
MORTIMER_115KV_TB3 55949	42.27 -0.07 0.00	34.76 -0.39 0.00	27.84 -0.50 0.00	27.61 -0.51 0.00	27.77 -0.66 0.00	30.95 -0.85 0.00	34.94 -1.08 0.00	38.67 -1.03 0.00	37.77 -0.99 0.00	37.30 -0.71 0.00	35.82 -0.50 0.00	34.88 -0.42 0.00	42.21 -0.38 0.00	45.67 -0.15 0.00	52.61 0.09 0.00	60.36 0.27 0.00	68.41 0.31 0.00	68.65 1.37 0.00	61.58 1.20 0.00	55.64 1.16 0.00	62.62 0.66 0.00	64.84 0.92 0.00	58.32 1.00 0.00	44.72 0.51 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.05 1.71 0.00	36.50 1.34 0.00	29.58 1.24 0.00	29.21 1.08 0.00	29.36 0.93 0.00	32.70 0.89 0.00	37.21 1.19 0.00	41.24 1.54 0.00	40.44 1.67 0.00	39.79 1.79 0.00	38.15 1.83 0.00	37.17 1.87 0.00	44.89 2.30 0.00	48.14 2.33 0.00	55.00 2.48 0.00	62.82 2.72 0.00	71.66 3.57 0.00	71.47 4.20 0.00	63.98 3.59 0.00	57.20 2.71 0.00	64.02 2.07 0.00	65.21 1.29 0.00	58.47 1.14 0.00	45.40 1.18 0.00
MUNSVILLE_WIND_PWR 323609	45.19 2.85 0.00	37.20 2.05 0.00	29.92 1.57 0.00	29.69 1.56 0.00	29.91 1.48 0.00	33.57 1.76 0.00	38.02 1.99 0.00	42.06 2.35 0.00	40.79 2.03 0.00	39.91 1.91 0.00	38.14 1.83 0.00	37.02 1.72 0.00	44.74 2.16 0.00	48.39 2.57 0.00	55.67 3.15 0.00	64.01 3.91 0.00	73.08 4.99 0.00	73.32 6.04 0.00	66.35 5.96 0.00	60.19 5.70 0.00	67.85 5.89 0.00	69.67 5.75 0.00	62.21 4.89 0.00	47.51 3.29 0.00
N SALMON___HYD 24042	43.23 0.89 0.00	35.92 0.76 0.00	28.71 0.37 0.00	28.57 0.45 0.00	29.01 0.58 0.00	32.73 0.92 0.00	37.14 1.12 0.00	41.07 1.36 0.00	40.06 1.30 0.00	39.23 1.23 0.00	37.58 1.27 0.00	36.54 1.24 0.00	44.02 1.43 0.00	47.37 1.55 0.00	54.23 1.71 0.00	62.17 2.08 0.00	70.02 1.93 0.00	68.36 1.08 0.00	61.29 0.90 0.00	55.58 1.10 0.00	64.00 2.04 0.00	66.65 2.73 0.00	59.76 2.43 0.00	45.95 1.73 0.00
N.AKRON__115KV_KNAPP 355671	42.33 -0.01 0.00	34.48 -0.68 0.00	27.41 -0.93 0.00	27.21 -0.91 0.00	27.24 -1.19 0.00	30.26 -1.55 0.00	34.05 -1.98 0.00	37.83 -1.88 0.00	36.94 -1.83 0.00	36.63 -1.38 0.00	35.29 -1.02 0.00	34.38 -0.92 0.00	41.56 -1.02 0.00	45.08 -0.74 0.00	52.03 -0.49 0.00	59.60 -0.49 0.00	67.22 -0.87 0.00	68.14 0.86 0.00	61.03 0.64 0.00	55.39 0.90 0.00	62.12 0.17 0.00	64.95 1.03 0.00	59.17 1.85 0.00	45.41 1.19 0.00
N.E_GEN_SANDY PD 24062	43.21 0.87 0.00	35.99 0.73 -0.10	29.15 0.81 0.00	28.83 0.71 0.00	29.06 0.63 0.00	34.84 0.56 -2.48	39.73 0.75 -2.95	40.57 0.87 0.00	39.72 0.97 0.01	38.81 0.81 0.00	36.92 0.57 -0.04	35.83 0.53 0.00	43.01 0.60 0.17	46.37 0.55 0.00	52.50 0.55 0.57	60.62 0.53 0.00	68.76 0.98 0.33	68.94 1.67 0.00	62.08 1.70 0.00	55.80 1.31 0.00	62.88 0.92 0.00	64.27 0.34 0.00	57.15 0.23 0.41	42.52 0.27 1.96
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.75 1.40 0.00	36.12 0.97 0.00	29.25 0.91 0.00	28.92 0.80 0.00	29.13 0.70 0.00	32.49 0.68 0.00	36.97 0.95 0.00	40.94 1.24 0.00	40.11 1.34 0.00	39.43 1.43 0.00	37.78 1.47 0.00	36.82 1.52 0.00	44.48 1.89 0.00	47.77 1.95 0.00	54.64 2.12 0.00	62.44 2.35 0.00	71.26 3.16 0.00	71.09 3.81 0.00	63.67 3.28 0.00	56.97 2.48 0.00	63.78 1.82 0.00	64.97 1.05 0.00	58.23 0.90 0.00	45.13 0.91 0.00
N.QUEENS_27_KV_LOAD 356247	44.08 1.74 0.01	36.55 1.40 0.00	29.61 1.27 0.00	29.25 1.13 0.00	29.39 0.96 0.01	32.75 0.94 0.00	37.25 1.23 0.00	41.35 1.64 0.00	40.60 1.83 0.00	39.94 1.93 0.00	38.30 1.99 0.00	37.26 1.96 0.00	45.00 2.42 0.00	48.29 2.46 0.00	55.15 2.63 0.00	63.00 2.91 0.00	71.81 3.72 0.00	71.66 4.38 0.00	64.03 3.64 0.00	57.25 2.76 0.00	64.06 2.11 0.00	65.27 1.35 0.00	58.64 1.31 0.00	45.60 1.38 0.00
N.TROY___115KV_TB1 355778	43.35 1.01 0.00	36.02 0.87 0.00	29.25 0.91 0.00	28.97 0.84 0.00	29.24 0.80 0.00	32.58 0.77 0.00	36.97 0.95 0.00	40.72 1.02 0.00	39.80 1.03 0.00	38.82 0.81 0.00	36.81 0.50 0.00	35.72 0.42 0.00	43.03 0.45 0.00	46.25 0.44 0.00	52.99 0.47 0.00	60.59 0.50 0.00	69.05 0.95 0.00	68.87 1.60 0.00	62.21 1.82 0.00	56.04 1.55 0.00	63.32 1.37 0.00	64.85 0.93 0.00	58.08 0.76 0.00	44.80 0.58 0.00
NARROWS_GT1_1 24228	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT1_2 24229	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT1_3 24230	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT1_4 24231	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT1_5 24232	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00

NARROWS_GT1_6 24233	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT1_7 24234	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT1_8 24235	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_1 24236	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_2 24237	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_3 24238	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_4 24239	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_5 24240	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_6 24241	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_7 24242	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NARROWS_GT2_8 24243	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.15 3.06 0.00	71.88 3.79 0.00	71.69 4.42 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.11 2.15 0.00	65.28 1.36 0.00	58.65 1.32 0.00	45.66 1.44 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.44 1.10 0.00	36.07 0.92 0.00	29.35 1.02 0.00	29.09 0.97 0.00	29.34 0.91 0.00	32.69 0.89 0.00	37.12 1.10 0.00	40.82 1.12 0.00	39.73 0.97 0.00	38.58 0.58 0.00	36.54 0.22 0.00	35.34 0.04 0.00	42.45 -0.14 0.00	45.65 -0.18 0.00	52.36 -0.16 0.00	32.05 -0.28 27.76	50.78 0.03 17.35	68.08 0.80 0.00	61.89 1.51 0.00	55.91 1.42 0.00	63.28 1.33 0.00	64.83 0.91 0.00	57.86 0.53 0.00	44.54 0.32 0.00
NCHELSEA_115KV_TR2 355582	43.98 1.64 0.00	36.43 1.27 0.00	29.49 1.15 0.00	29.17 1.05 0.00	29.37 0.94 0.00	32.75 0.94 0.00	37.26 1.24 0.00	41.25 1.55 0.00	40.41 1.65 0.00	39.69 1.69 0.00	37.96 1.65 0.00	36.96 1.66 0.00	44.64 2.06 0.00	48.00 2.18 0.00	54.94 2.42 0.00	62.89 2.80 0.00	71.83 3.74 0.00	71.74 4.46 0.00	64.34 3.95 0.00	57.61 3.12 0.00	64.59 2.63 0.00	65.82 1.90 0.00	58.89 1.56 0.00	45.52 1.31 0.00
NEG CAPITAL___MECHNVIL 23645	44.08 1.75 0.00	36.59 1.44 0.00	29.64 1.30 0.00	29.37 1.25 0.00	29.64 1.21 0.00	33.05 1.25 0.00	37.54 1.52 0.00	41.38 1.68 0.00	40.38 1.62 0.00	39.39 1.38 0.00	37.32 1.00 0.00	36.20 0.90 0.00	43.64 1.06 0.00	46.99 1.16 0.00	53.92 1.41 0.00	61.82 1.73 0.00	70.56 2.46 0.00	70.47 3.19 0.00	63.76 3.37 0.00	57.50 3.01 0.00	64.91 2.96 0.00	66.39 2.47 0.00	59.40 2.07 0.00	45.72 1.50 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.50 -0.85 0.00	34.18 -0.97 0.00	27.41 -0.92 0.00	27.19 -0.94 0.00	27.38 -1.05 0.00	30.55 -1.25 0.00	34.51 -1.51 0.00	38.24 -1.46 0.00	37.31 -1.45 0.00	36.73 -1.27 0.00	35.28 -1.03 0.00	34.35 -0.95 0.00	41.56 -1.03 0.00	44.92 -0.90 0.00	51.72 -0.80 0.00	59.38 -0.71 0.00	67.41 -0.68 0.00	67.54 0.26 0.00	60.64 0.25 0.00	54.75 0.27 0.00	61.62 -0.33 0.00	63.68 -0.24 0.00	57.18 -0.15 0.00	43.85 -0.37 0.00

NEG CENTRAL___DRP 24199	42.50 0.16 0.00	35.08 -0.07 0.00	28.20 -0.14 0.00	27.98 -0.14 0.00	28.19 -0.24 0.00	31.52 -0.28 0.00	35.63 -0.39 0.00	39.32 -0.38 0.00	38.28 -0.48 0.00	37.57 -0.43 0.00	35.96 -0.35 0.00	34.96 -0.34 0.00	42.16 -0.42 0.00	45.52 -0.30 0.00	52.38 -0.14 0.00	60.16 0.06 0.00	68.36 0.26 0.00	68.61 1.33 0.00	61.77 1.38 0.00	55.87 1.38 0.00	62.88 0.92 0.00	64.87 0.95 0.00	58.19 0.86 0.00	44.62 0.40 0.00
NEG CENTRAL___INDECK 23768	43.82 1.48 0.00	35.87 0.71 0.00	28.69 0.35 0.00	28.47 0.34 0.00	28.59 0.16 0.00	31.92 0.11 0.00	36.15 0.13 0.00	39.93 0.23 0.00	38.65 -0.11 0.00	37.83 -0.18 0.00	36.07 -0.24 0.00	34.60 -0.70 0.00	41.50 -1.08 0.00	45.02 -0.80 0.00	51.94 -0.59 0.00	59.67 -0.42 0.00	67.83 -0.26 0.00	68.29 1.02 0.00	61.58 1.19 0.00	56.13 1.64 0.00	63.33 1.37 0.00	65.71 1.79 0.00	59.09 1.77 0.00	45.17 0.95 0.00
NEG CENTRAL___SENECA 23627	42.71 0.37 0.00	35.16 0.01 0.00	28.23 -0.11 0.00	28.01 -0.11 0.00	28.21 -0.22 0.00	31.54 -0.27 0.00	35.66 -0.36 0.00	39.41 -0.29 0.00	38.32 -0.44 0.00	37.64 -0.37 0.00	36.04 -0.27 0.00	35.04 -0.27 0.00	42.17 -0.41 0.00	45.61 -0.21 0.00	52.53 0.01 0.00	60.42 0.33 0.00	68.64 0.55 0.00	69.09 1.81 0.00	62.13 1.74 0.00	56.21 1.73 0.00	63.24 1.28 0.00	65.26 1.33 0.00	58.57 1.24 0.00	44.86 0.64 0.00
NEG CENTRAL___STATE_STREET 24147	42.55 0.21 0.00	35.22 0.06 0.00	28.36 0.03 0.00	28.15 0.03 0.00	28.39 -0.04 0.00	31.75 -0.06 0.00	35.76 -0.26 0.00	39.39 -0.32 0.00	38.37 -0.39 0.00	37.63 -0.38 0.00	35.97 -0.34 0.00	34.97 -0.33 0.00	42.33 -0.25 0.00	45.69 -0.13 0.00	52.53 0.01 0.00	60.24 0.15 0.00	68.43 0.33 0.00	68.48 1.20 0.00	61.70 1.32 0.00	55.84 1.35 0.00	62.74 0.79 0.00	64.81 0.89 0.00	58.08 0.75 0.00	44.62 0.40 0.00
NEG MILLWOOD___DRP 24198	44.07 1.72 0.00	36.52 1.37 0.00	29.55 1.21 0.00	29.20 1.08 0.00	29.40 0.97 0.00	32.78 0.98 0.00	37.30 1.28 0.00	41.31 1.61 0.00	40.49 1.73 0.00	39.80 1.80 0.00	38.11 1.79 0.00	37.13 1.83 0.00	44.86 2.28 0.00	48.23 2.40 0.00	55.20 2.68 0.00	63.17 3.08 0.00	72.13 4.02 0.00	72.01 4.74 0.00	64.55 4.16 0.00	57.76 3.27 0.00	64.71 2.76 0.00	65.89 1.97 0.00	58.96 1.64 0.00	45.59 1.38 0.00
NEG NORTH_FLCN_SEA 23793	42.59 0.24 0.00	35.41 0.25 0.00	28.43 0.09 0.00	28.30 0.17 0.00	28.70 0.27 0.00	32.27 0.46 0.00	36.67 0.65 0.00	40.56 0.86 0.00	39.63 0.87 0.00	38.78 0.77 0.00	37.10 0.79 0.00	35.93 0.63 0.00	43.34 0.75 0.00	46.63 0.82 0.00	53.45 0.93 0.00	61.34 1.25 0.00	69.30 1.20 0.00	67.63 0.35 0.00	60.61 0.22 0.00	54.80 0.31 0.00	62.99 1.04 0.00	65.14 1.22 0.00	58.40 1.07 0.00	44.93 0.71 0.00
NEG NORTH_KES_CHATEGAY 23792	42.49 0.15 0.00	35.38 0.22 0.00	28.36 0.02 0.00	28.20 0.08 0.00	28.63 0.19 0.00	32.24 0.44 0.00	36.59 0.56 0.00	40.45 0.74 0.00	39.46 0.70 0.00	38.63 0.63 0.00	37.02 0.70 0.00	36.00 0.70 0.00	43.40 0.81 0.00	46.69 0.87 0.00	53.46 0.94 0.00	61.29 1.20 0.00	69.15 1.05 0.00	67.39 0.12 0.00	60.39 0.00 0.00	54.70 0.22 0.00	62.99 1.03 0.00	65.39 1.47 0.00	58.60 1.27 0.00	45.10 0.88 0.00
NEG NORTH___ALICE_FALLS 23915	42.84 0.50 0.00	35.60 0.45 0.00	28.57 0.23 0.00	28.42 0.29 0.00	28.83 0.40 0.00	32.44 0.63 0.00	36.85 0.83 0.00	40.76 1.06 0.00	39.79 1.02 0.00	38.94 0.94 0.00	37.26 0.95 0.00	36.15 0.84 0.00	43.56 0.98 0.00	46.87 1.05 0.00	53.72 1.21 0.00	61.67 1.58 0.00	69.70 1.60 0.00	68.14 0.86 0.00	61.14 0.75 0.00	55.32 0.84 0.00	63.56 1.61 0.00	65.80 1.87 0.00	58.95 1.62 0.00	45.32 1.11 0.00
NEG NORTH___LWR_SARANAC 23913	42.84 0.50 0.00	35.60 0.45 0.00	28.57 0.23 0.00	28.42 0.29 0.00	28.83 0.40 0.00	32.44 0.63 0.00	36.85 0.83 0.00	40.76 1.06 0.00	39.79 1.02 0.00	38.94 0.94 0.00	37.26 0.95 0.00	36.15 0.84 0.00	43.56 0.98 0.00	46.87 1.05 0.00	53.72 1.21 0.00	61.67 1.58 0.00	69.70 1.60 0.00	68.14 0.86 0.00	61.14 0.75 0.00	55.32 0.84 0.00	63.56 1.61 0.00	65.80 1.87 0.00	58.95 1.62 0.00	45.32 1.11 0.00
NEG NORTH___PLATTSBURG 23628	42.84 0.50 0.00	35.60 0.45 0.00	28.57 0.23 0.00	28.42 0.29 0.00	28.83 0.40 0.00	32.43 0.63 0.00	36.85 0.83 0.00	40.76 1.06 0.00	39.79 1.02 0.00	38.94 0.94 0.00	37.26 0.95 0.00	36.14 0.84 0.00	43.56 0.98 0.00	46.87 1.05 0.00	53.73 1.20 0.00	61.67 1.58 0.00	69.70 1.60 0.00	68.14 0.86 0.00	61.14 0.75 0.00	55.32 0.84 0.00	63.56 1.61 0.00	65.79 1.87 0.00	58.95 1.62 0.00	45.32 1.10 0.00
NEG WEST_LEA_LOCKPORT 23791	41.73 -0.61 0.00	33.96 -1.19 0.00	27.00 -1.35 0.00	26.79 -1.34 0.00	26.80 -1.63 0.00	29.72 -2.09 0.00	33.37 -2.65 0.00	37.10 -2.60 0.00	36.27 -2.50 0.00	36.05 -1.95 0.00	34.78 -1.53 0.00	33.91 -1.39 0.00	40.97 -1.61 0.00	44.44 -1.38 0.00	51.26 -1.26 0.00	58.69 -1.40 0.00	66.03 -2.07 0.00	66.76 -0.52 0.00	59.74 -0.65 0.00	54.21 -0.28 0.00	60.75 -1.22 0.00	63.69 -0.23 0.00	58.18 0.86 0.00	44.73 0.51 0.00
NEG WEST___LANCASTR 23811	41.90 -0.45 0.00	34.11 -1.05 0.00	27.18 -1.17 0.00	26.97 -1.15 0.00	27.01 -1.42 0.00	30.00 -1.81 0.00	33.79 -2.23 0.00	37.57 -2.14 0.00	36.73 -2.03 0.00	36.52 -1.48 0.00	35.22 -1.09 0.00	34.33 -0.96 0.00	41.51 -1.07 0.00	45.03 -0.79 0.00	51.92 -0.60 0.00	59.47 -0.62 0.00	66.96 -1.14 0.00	67.47 0.19 0.00	60.30 -0.09 0.00	54.68 0.20 0.00	61.21 -0.74 0.00	63.96 0.04 0.00	58.14 0.81 0.00	44.59 0.37 0.00
NEG_PENN_ALLEGHNY 23528	42.53 0.19 0.00	35.06 -0.10 0.00	28.24 -0.10 0.00	28.03 -0.09 0.00	28.24 -0.19 0.00	31.57 -0.23 0.00	35.72 -0.30 0.00	39.42 -0.28 0.00	38.42 -0.34 0.00	37.77 -0.24 0.00	36.19 -0.13 0.00	35.22 -0.08 0.00	42.54 -0.05 0.00	45.91 0.10 0.00	52.82 0.30 0.00	60.64 0.55 0.00	68.76 0.67 0.00	68.72 1.44 0.00	61.60 1.21 0.00	55.64 1.15 0.00	62.59 0.64 0.00	64.47 0.55 0.00	57.96 0.63 0.00	44.51 0.30 0.00
NEG___GEN_MONROE 24207	42.58 0.24 0.00	34.94 -0.21 0.00	27.95 -0.39 0.00	27.72 -0.40 0.00	27.87 -0.56 0.00	31.06 -0.74 0.00	35.06 -0.96 0.00	38.82 -0.88 0.00	37.89 -0.88 0.00	37.39 -0.62 0.00	35.90 -0.42 0.00	34.96 -0.34 0.00	42.29 -0.30 0.00	45.78 -0.04 0.00	52.78 0.26 0.00	60.57 0.47 0.00	68.65 0.55 0.00	69.12 1.85 0.00	62.05 1.66 0.00	56.12 1.63 0.00	63.15 1.20 0.00	65.47 1.55 0.00	58.97 1.64 0.00	45.23 1.01 0.00
NEPA___ENERGY 23901	42.00 -0.34 0.00	34.06 -1.10 0.00	27.18 -1.16 0.00	27.04 -1.09 0.00	27.06 -1.37 0.00	30.15 -1.66 0.00	33.93 -2.10 0.00	37.61 -2.09 0.00	36.71 -2.05 0.00	36.70 -1.30 0.00	35.39 -0.92 0.00	34.53 -0.77 0.00	41.72 -0.87 0.00	45.45 -0.37 0.00	52.46 -0.05 0.00	60.26 0.17 0.00	67.71 -0.39 0.00	68.24 0.97 0.00	60.88 0.49 0.00	55.29 0.80 0.00	61.63 -0.33 0.00	64.20 0.28 0.00	58.52 1.19 0.00	44.84 0.62 0.00

NEVERSINK___HYD 23608	43.23 0.89 0.00	35.75 0.60 0.00	28.89 0.55 0.00	28.57 0.45 0.00	28.79 0.36 0.00	32.12 0.31 0.00	36.52 0.50 0.00	40.39 0.68 0.00	39.53 0.76 0.00	38.81 0.80 0.00	37.11 0.80 0.00	36.10 0.80 0.00	43.63 1.05 0.00	46.74 0.92 0.00	52.31 -0.21 0.00	57.88 -0.10 2.11	67.30 0.51 1.32	68.61 1.34 0.00	61.67 1.28 0.00	55.49 1.00 0.00	63.92 1.96 0.00	65.20 1.27 0.00	58.30 0.98 0.00	45.00 0.79 0.00
NEWKRMKL_115KV_TB1 55635	42.55 0.21 0.00	35.38 0.23 0.00	28.85 0.51 0.00	28.56 0.44 0.00	28.80 0.37 0.00	32.07 0.26 0.00	36.40 0.37 0.00	40.04 0.34 0.00	39.16 0.40 0.00	38.20 0.20 0.00	36.35 0.04 0.00	35.27 -0.02 0.00	42.42 -0.17 0.00	45.60 -0.22 0.00	52.25 -0.27 0.00	59.65 -0.44 0.00	67.90 -0.20 0.00	67.65 0.37 0.00	60.97 0.58 0.00	54.84 0.35 0.00	61.94 -0.02 0.00	63.41 -0.51 0.00	56.76 -0.57 0.00	43.85 -0.37 0.00
NEWTON___FALLS_HYD 23847	43.36 1.02 0.00	36.06 0.91 0.00	28.91 0.57 0.00	28.88 0.76 0.00	29.35 0.92 0.00	33.21 1.40 0.00	37.56 1.54 0.00	41.37 1.67 0.00	40.18 1.41 0.00	39.26 1.25 0.00	37.43 1.12 0.00	36.27 0.97 0.00	43.66 1.07 0.00	47.06 1.24 0.00	53.81 1.29 0.00	61.34 1.25 0.00	69.08 0.99 0.00	68.23 0.95 0.00	61.47 1.09 0.00	56.16 1.67 0.00	64.58 2.62 0.00	67.54 3.62 0.00	60.70 3.37 0.00	46.68 2.46 0.00
NGRID_A1_DSASP 323792	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.35 -1.77 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.74 -3.28 0.00	36.40 -3.30 0.00	35.65 -3.11 0.00	35.53 -2.48 0.00	34.33 -1.98 0.00	33.46 -1.84 0.00	40.46 -2.12 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.80 -2.29 0.00	64.93 -3.16 0.00	65.54 -1.74 0.00	58.63 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.63 -1.29 0.00	57.06 -0.27 0.00	43.85 -0.37 0.00
NGRID_A2_DSASP 323793	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.35 -1.77 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.74 -3.28 0.00	36.40 -3.30 0.00	35.65 -3.11 0.00	35.53 -2.48 0.00	34.33 -1.98 0.00	33.46 -1.84 0.00	40.46 -2.12 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.80 -2.29 0.00	64.93 -3.16 0.00	65.54 -1.74 0.00	58.63 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.63 -1.29 0.00	57.06 -0.27 0.00	43.85 -0.37 0.00
NGRID_A4_DSASP 323807	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.35 -1.77 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.74 -3.28 0.00	36.40 -3.30 0.00	35.65 -3.11 0.00	35.53 -2.48 0.00	34.33 -1.98 0.00	33.46 -1.84 0.00	40.46 -2.12 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.80 -2.29 0.00	64.93 -3.16 0.00	65.54 -1.74 0.00	58.63 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.63 -1.29 0.00	57.06 -0.27 0.00	43.85 -0.37 0.00
NIAGARA_115E_LBMP 323715	41.19 -1.15 0.00	33.54 -1.61 0.00	26.64 -1.70 0.00	26.46 -1.67 0.00	26.45 -1.98 0.00	29.31 -2.50 0.00	32.87 -3.15 0.00	36.54 -3.16 0.00	35.70 -3.06 0.00	35.46 -2.55 0.00	34.25 -2.06 0.00	33.40 -1.90 0.00	40.31 -2.27 0.00	43.67 -2.15 0.00	50.37 -2.15 0.00	57.66 -2.43 0.00	64.83 -3.27 0.00	65.50 -1.78 0.00	58.59 -1.80 0.00	53.19 -1.30 0.00	59.58 -2.37 0.00	62.60 -1.33 0.00	57.49 0.16 0.00	44.26 0.04 0.00
NIAGARA_115W_LBMP 323714	40.90 -1.44 0.00	33.38 -1.78 0.00	26.51 -1.83 0.00	26.31 -1.82 0.00	26.31 -2.12 0.00	29.14 -2.67 0.00	32.67 -3.35 0.00	36.33 -3.38 0.00	35.58 -3.19 0.00	35.46 -2.55 0.00	34.25 -2.06 0.00	33.39 -1.91 0.00	40.37 -2.21 0.00	43.75 -2.07 0.00	50.41 -2.11 0.00	57.65 -2.44 0.00	64.75 -3.35 0.00	65.37 -1.91 0.00	58.49 -1.90 0.00	53.09 -1.40 0.00	59.51 -2.45 0.00	62.49 -1.43 0.00	56.92 -0.41 0.00	43.75 -0.46 0.00
NIAGARA_230_LBMP 323716	41.27 -1.07 0.00	33.63 -1.53 0.00	26.74 -1.60 0.00	26.53 -1.60 0.00	26.56 -1.88 0.00	29.41 -2.40 0.00	33.01 -3.01 0.00	36.69 -3.01 0.00	35.91 -2.85 0.00	35.72 -2.28 0.00	34.49 -1.82 0.00	33.61 -1.69 0.00	40.63 -1.96 0.00	44.02 -1.80 0.00	50.73 -1.79 0.00	58.05 -2.04 0.00	65.27 -2.83 0.00	65.85 -1.42 0.00	58.92 -1.47 0.00	53.47 -1.02 0.00	59.95 -2.01 0.00	62.88 -1.04 0.00	57.28 -0.05 0.00	44.04 -0.18 0.00
NIAGARA___115KV_198_GIBSON 55903	40.90 -1.44 0.00	33.37 -1.78 0.00	26.50 -1.84 0.00	26.31 -1.82 0.00	26.31 -2.12 0.00	29.14 -2.67 0.00	32.68 -3.34 0.00	36.32 -3.38 0.00	35.58 -3.18 0.00	35.47 -2.53 0.00	34.24 -2.07 0.00	33.39 -1.91 0.00	40.37 -2.22 0.00	43.75 -2.07 0.00	50.41 -2.11 0.00	57.64 -2.46 0.00	64.75 -3.35 0.00	65.37 -1.91 0.00	58.49 -1.90 0.00	53.09 -1.40 0.00	59.51 -2.45 0.00	62.48 -1.44 0.00	56.91 -0.41 0.00	43.75 -0.46 0.00
NIAGARA____ 23760	41.27 -1.07 0.00	33.63 -1.53 0.00	26.74 -1.60 0.00	26.53 -1.60 0.00	26.56 -1.88 0.00	29.41 -2.40 0.00	33.01 -3.01 0.00	36.69 -3.01 0.00	35.91 -2.85 0.00	35.72 -2.28 0.00	34.49 -1.82 0.00	33.61 -1.69 0.00	40.63 -1.96 0.00	44.02 -1.80 0.00	50.73 -1.79 0.00	58.05 -2.04 0.00	65.27 -2.83 0.00	65.85 -1.42 0.00	58.92 -1.47 0.00	53.47 -1.02 0.00	59.95 -2.01 0.00	62.88 -1.04 0.00	57.28 -0.05 0.00	44.04 -0.18 0.00
NINE_MILE_1 23575	40.96 -1.38 0.00	34.06 -1.09 0.00	27.47 -0.87 0.00	27.26 -0.86 0.00	27.52 -0.92 0.00	30.75 -1.05 0.00	34.75 -1.28 0.00	38.24 -1.46 0.00	37.32 -1.44 0.00	36.63 -1.38 0.00	35.01 -1.30 0.00	34.05 -1.25 0.00	41.09 -1.49 0.00	44.25 -1.57 0.00	50.78 -1.74 0.00	58.13 -1.97 0.00	65.95 -2.15 0.00	65.53 -1.75 0.00	58.90 -1.49 0.00	53.15 -1.33 0.00	60.16 -1.79 0.00	62.00 -1.93 0.00	55.59 -1.74 0.00	42.82 -1.40 0.00
NINE_MILE_2 23744	40.96 -1.38 0.00	34.07 -1.09 0.00	27.48 -0.86 0.00	27.26 -0.86 0.00	27.52 -0.91 0.00	30.76 -1.05 0.00	34.76 -1.27 0.00	38.24 -1.46 0.00	37.32 -1.44 0.00	36.63 -1.38 0.00	35.02 -1.29 0.00	34.05 -1.25 0.00	41.09 -1.49 0.00	44.25 -1.57 0.00	50.78 -1.74 0.00	58.13 -1.97 0.00	65.95 -2.15 0.00	65.53 -1.75 0.00	58.90 -1.49 0.00	53.15 -1.33 0.00	60.16 -1.79 0.00	62.00 -1.93 0.00	55.59 -1.74 0.00	42.82 -1.40 0.00
NM_CAPITAL___DRP 24208	42.62 0.28 0.00	35.44 0.29 0.00	28.88 0.54 0.00	28.60 0.48 0.00	28.84 0.41 0.00	32.12 0.31 0.00	36.44 0.41 0.00	40.10 0.40 0.00	39.21 0.45 0.00	38.26 0.26 0.00	36.39 0.08 0.00	35.31 0.01 0.00	42.47 -0.11 0.00	45.64 -0.18 0.00	52.29 -0.23 0.00	59.69 -0.41 0.00	67.92 -0.17 0.00	67.67 0.39 0.00	61.02 0.63 0.00	54.88 0.39 0.00	61.99 0.04 0.00	63.46 -0.46 0.00	56.82 -0.50 0.00	43.91 -0.30 0.00
NM_CENTRAL___DRP 24181	41.71 -0.63 0.00	34.65 -0.51 0.00	27.94 -0.40 0.00	27.72 -0.40 0.00	27.97 -0.46 0.00	31.26 -0.55 0.00	35.35 -0.67 0.00	38.94 -0.76 0.00	37.99 -0.77 0.00	37.31 -0.70 0.00	35.70 -0.61 0.00	34.73 -0.57 0.00	41.93 -0.66 0.00	45.16 -0.66 0.00	51.86 -0.66 0.00	59.44 -0.65 0.00	67.50 -0.60 0.00	67.23 -0.04 0.00	60.45 0.06 0.00	54.54 0.06 0.00	61.62 -0.34 0.00	63.41 -0.51 0.00	56.81 -0.51 0.00	43.68 -0.54 0.00

NM_FRONTIER___DRP 24179	40.90 -1.44 0.00	33.37 -1.78 0.00	26.50 -1.84 0.00	26.31 -1.82 0.00	26.31 -2.12 0.00	29.14 -2.67 0.00	32.68 -3.34 0.00	36.32 -3.38 0.00	35.58 -3.18 0.00	35.47 -2.53 0.00	34.24 -2.07 0.00	33.39 -1.91 0.00	40.37 -2.22 0.00	43.75 -2.07 0.00	50.41 -2.11 0.00	57.64 -2.46 0.00	64.75 -3.35 0.00	65.37 -1.91 0.00	58.49 -1.90 0.00	53.09 -1.40 0.00	59.51 -2.45 0.00	62.48 -1.44 0.00	56.91 -0.41 0.00	43.75 -0.46 0.00
NM_ST_REGIS___HYD 24053	43.61 1.27 0.00	36.22 1.07 0.00	28.85 0.51 0.00	28.72 0.59 0.00	29.18 0.75 0.00	33.06 1.25 0.00	37.46 1.44 0.00	41.30 1.60 0.00	40.18 1.41 0.00	39.32 1.31 0.00	37.61 1.30 0.00	36.56 1.26 0.00	44.04 1.46 0.00	47.39 1.57 0.00	54.14 1.62 0.00	61.74 1.65 0.00	69.10 1.01 0.00	67.50 0.23 0.00	60.53 0.14 0.00	55.06 0.57 0.00	63.59 1.63 0.00	66.74 2.82 0.00	60.13 2.80 0.00	46.36 2.14 0.00
NORTHPORT___1 23551	43.63 1.29 0.00	36.23 1.07 0.00	29.41 1.07 0.00	29.00 0.88 0.00	29.16 0.73 0.00	32.38 0.57 0.00	36.67 0.65 0.00	40.66 0.96 0.00	39.97 1.21 0.00	39.35 1.35 0.00	38.00 1.69 0.00	37.30 2.00 0.00	45.01 2.39 -0.03	47.49 1.67 0.00	53.98 1.46 0.00	61.68 1.59 0.00	70.57 2.48 0.00	70.45 3.18 0.00	62.62 2.23 0.00	55.49 1.01 0.01	61.62 -0.15 0.19	56.66 -0.97 6.29	20.82 -0.78 35.73	44.17 -0.05 0.00
NORTHPORT___2 23552	43.63 1.29 0.00	36.23 1.07 0.00	29.41 1.07 0.00	29.00 0.88 0.00	29.16 0.73 0.00	32.38 0.57 0.00	36.67 0.65 0.00	40.66 0.96 0.00	39.97 1.21 0.00	39.35 1.35 0.00	38.00 1.69 0.00	37.30 2.00 0.00	45.01 2.39 -0.03	47.49 1.67 0.00	53.98 1.46 0.00	61.68 1.59 0.00	70.57 2.48 0.00	70.45 3.18 0.00	62.62 2.23 0.00	55.49 1.01 0.01	61.62 -0.15 0.19	56.66 -0.97 6.29	20.82 -0.78 35.73	44.17 -0.05 0.00
NORTHPORT___3 23553	43.88 1.54 0.00	36.44 1.28 0.00	29.55 1.21 0.00	29.16 1.04 0.00	29.32 0.89 0.00	32.56 0.75 0.00	36.87 0.84 0.00	40.86 1.16 0.00	40.14 1.38 0.00	39.54 1.54 0.00	38.26 1.95 0.00	37.52 2.23 0.00	45.29 2.67 -0.03	47.88 2.06 0.00	54.45 1.93 0.00	62.21 2.12 0.00	71.11 3.01 0.00	70.87 3.59 0.00	62.95 2.57 0.00	55.84 1.35 0.00	61.97 0.21 0.19	56.98 -0.69 6.26	21.26 -0.54 35.53	44.45 0.23 0.00
NORTHPORT___4 23650	43.88 1.54 0.00	36.44 1.28 0.00	29.55 1.21 0.00	29.16 1.04 0.00	29.32 0.89 0.00	32.56 0.75 0.00	36.87 0.84 0.00	40.86 1.16 0.00	40.14 1.38 0.00	39.54 1.54 0.00	38.26 1.95 0.00	37.52 2.23 0.00	45.29 2.67 -0.03	47.88 2.06 0.00	54.45 1.93 0.00	62.21 2.12 0.00	71.11 3.01 0.00	70.87 3.59 0.00	62.95 2.57 0.00	55.84 1.35 0.00	61.97 0.21 0.19	56.98 -0.69 6.26	21.26 -0.54 35.53	44.45 0.23 0.00
NORTHPORT___IC 23718	43.63 1.29 0.00	36.23 1.07 0.00	29.40 1.06 0.00	29.00 0.88 0.00	29.16 0.73 0.00	32.37 0.56 0.00	36.67 0.65 0.00	40.66 0.96 0.00	39.97 1.21 0.00	39.35 1.35 0.00	38.01 1.69 0.00	37.30 2.00 0.00	45.01 2.39 -0.03	47.50 1.68 0.00	53.98 1.46 0.00	61.68 1.59 0.00	70.57 2.48 0.00	70.45 3.18 0.00	62.62 2.23 0.00	55.49 1.01 0.01	61.62 -0.14 0.19	56.68 -0.95 6.29	20.88 -0.72 35.73	44.17 -0.05 0.00
NORTH___COUNTRY_ESR 323785	42.43 0.09 0.00	35.31 0.15 0.00	28.29 -0.06 0.00	28.14 0.02 0.00	28.56 0.13 0.00	32.18 0.37 0.00	36.51 0.49 0.00	40.39 0.68 0.00	39.44 0.68 0.00	38.63 0.62 0.00	37.01 0.70 0.00	35.99 0.69 0.00	43.40 0.81 0.00	46.68 0.86 0.00	53.46 0.94 0.00	61.29 1.20 0.00	69.15 1.05 0.00	67.38 0.10 0.00	60.31 -0.08 0.00	54.57 0.08 0.00	62.81 0.85 0.00	65.20 1.28 0.00	58.43 1.11 0.00	44.99 0.77 0.00
NPX_GEN_1385_PROXY 323591	44.91 1.14 -1.44	36.22 1.07 0.00	29.39 1.05 0.00	29.00 0.88 0.00	29.16 0.73 0.00	32.38 0.57 0.00	36.71 0.69 0.00	40.67 0.97 0.00	40.12 1.36 0.00	39.45 1.45 0.00	37.96 1.65 0.00	37.14 1.84 0.00	44.88 2.27 -0.03	47.36 1.54 0.00	53.45 1.51 0.58	61.99 1.90 0.00	72.16 3.09 -0.98	70.90 3.62 0.00	63.18 2.79 0.00	55.79 1.31 0.01	62.44 0.67 0.19	57.49 -0.14 6.29	23.57 -0.34 33.41	44.57 0.35 0.00
NPX_GEN_CSC 323557	44.96 1.18 -1.44	36.06 0.91 0.00	29.27 0.94 0.00	28.87 0.74 0.00	29.02 0.59 0.00	32.20 0.39 0.00	36.53 0.50 0.00	40.57 0.87 0.00	39.90 1.14 0.00	39.27 1.26 0.00	37.89 1.58 0.00	37.27 1.97 0.00	45.07 2.46 -0.03	47.80 1.98 0.00	53.85 1.91 0.58	62.15 2.05 0.00	72.39 3.32 -0.98	71.53 4.25 0.00	63.56 3.17 0.00	56.20 1.72 0.00	62.23 0.46 0.19	57.47 -0.30 6.15	24.35 -0.15 32.83	44.33 0.11 0.00
NSINS_S_GLNS_FALLS 23858	44.38 2.04 0.00	36.85 1.70 0.00	29.80 1.46 0.00	29.53 1.41 0.00	29.82 1.39 0.00	33.29 1.48 0.00	37.84 1.82 0.00	41.72 2.02 0.00	40.68 1.93 0.00	39.59 1.59 0.00	37.19 0.88 0.00	36.01 0.71 0.00	43.39 0.81 0.00	46.68 0.86 0.00	53.66 1.13 0.00	61.69 1.60 0.00	70.60 2.51 0.00	70.64 3.36 0.00	64.31 3.92 0.00	58.12 3.64 0.00	65.58 3.62 0.00	66.89 2.97 0.00	59.77 2.45 0.00	45.89 1.67 0.00
NUCOR_STEEL___DRP 24197	42.49 0.15 0.00	35.19 0.03 0.00	28.34 0.01 0.00	28.13 0.01 0.00	28.38 -0.06 0.00	31.73 -0.08 0.00	35.72 -0.30 0.00	39.33 -0.37 0.00	38.32 -0.44 0.00	37.59 -0.41 0.00	35.93 -0.38 0.00	34.93 -0.37 0.00	42.33 -0.26 0.00	45.67 -0.15 0.00	52.50 -0.02 0.00	60.18 0.09 0.00	68.36 0.27 0.00	68.36 1.09 0.00	61.59 1.20 0.00	55.70 1.21 0.00	62.58 0.63 0.00	64.69 0.76 0.00	57.98 0.65 0.00	44.56 0.34 0.00
NUMBER_THREE_WT_PWR 323818	42.91 0.57 0.00	35.78 0.63 0.00	28.94 0.60 0.00	29.00 0.88 0.00	29.49 1.06 0.00	33.27 1.46 0.00	37.59 1.56 0.00	41.40 1.70 0.00	40.20 1.43 0.00	39.22 1.22 0.00	37.31 1.00 0.00	36.09 0.79 0.00	43.43 0.84 0.00	46.91 1.09 0.00	53.71 1.19 0.00	61.38 1.28 0.00	69.67 1.57 0.00	69.44 2.16 0.00	62.79 2.40 0.00	57.43 2.94 0.00	65.74 3.78 0.00	68.24 4.32 0.00	61.09 3.77 0.00	46.85 2.63 0.00
NYISO_LBMP_REFERENCE 24008	42.34 0.00 0.00	35.15 0.00 0.00	28.34 0.00 0.00	28.12 0.00 0.00	28.43 0.00 0.00	31.81 0.00 0.00	36.02 0.00 0.00	39.70 0.00 0.00	38.76 0.00 0.00	38.00 0.00 0.00	36.31 0.00 0.00	35.30 0.00 0.00	42.59 0.00 0.00	45.82 0.00 0.00	52.52 0.00 0.00	60.09 0.00 0.00	68.10 0.00 0.00	67.28 0.00 0.00	60.39 0.00 0.00	54.49 0.00 0.00	61.96 0.00 0.00	63.92 0.00 0.00	57.33 0.00 0.00	44.22 0.00 0.00
NYPA_BRENTWD____GT 24164	44.22 1.88 0.00	36.67 1.52 0.00	29.74 1.40 0.00	29.33 1.21 0.00	29.48 1.05 0.00	32.75 0.94 0.00	37.13 1.11 0.00	41.21 1.51 0.00	40.52 1.76 0.00	39.90 1.90 0.00	38.50 2.19 0.00	37.80 2.50 0.00	45.69 3.07 -0.03	48.42 2.60 0.00	55.16 2.64 0.00	63.06 2.96 0.00	71.94 3.84 0.00	71.98 4.70 0.00	63.98 3.60 0.00	56.68 2.19 0.00	62.88 1.10 0.18	58.45 0.51 5.99	23.43 0.55 34.44	45.04 0.83 0.00

NYPA_GOWANUS____GT5 24156	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.14 3.05 0.00	71.88 3.79 0.00	71.68 4.40 0.00	64.15 3.76 0.00	57.32 2.83 0.00	64.08 2.12 0.00	65.25 1.33 0.00	58.64 1.31 0.00	45.66 1.44 0.00
NYPA_GOWANUS____GT6 24157	44.26 1.91 0.00	36.67 1.52 0.00	29.69 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.30 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.97 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.81 0.00	63.14 3.05 0.00	71.88 3.79 0.00	71.68 4.40 0.00	64.15 3.76 0.00	57.32 2.83 0.00	64.08 2.12 0.00	65.25 1.33 0.00	58.64 1.31 0.00	45.66 1.44 0.00
NYPA_HARLEM__RVR__GT1 24160	44.04 1.71 0.02	36.54 1.39 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.36 0.94 0.01	32.71 0.90 0.00	37.21 1.18 0.00	41.28 1.58 0.00	40.52 1.76 0.00	39.86 1.85 0.00	38.21 1.90 0.00	37.17 1.87 0.00	44.88 2.29 0.00	48.14 2.32 0.00	54.98 2.46 0.00	62.79 2.70 0.00	71.58 3.48 0.00	71.40 4.13 0.00	63.83 3.44 0.00	57.08 2.59 0.00	63.87 1.91 0.00	65.05 1.13 0.00	58.47 1.14 0.00	45.47 1.25 0.00
NYPA_HARLEM__RVR__GT2 24161	44.04 1.71 0.02	36.54 1.39 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.36 0.94 0.01	32.71 0.90 0.00	37.21 1.18 0.00	41.28 1.58 0.00	40.52 1.76 0.00	39.86 1.85 0.00	38.21 1.90 0.00	37.17 1.87 0.00	44.88 2.29 0.00	48.14 2.32 0.00	54.98 2.46 0.00	62.79 2.70 0.00	71.58 3.48 0.00	71.40 4.13 0.00	63.83 3.44 0.00	57.08 2.59 0.00	63.87 1.91 0.00	65.05 1.13 0.00	58.47 1.14 0.00	45.47 1.25 0.00
NYPA_KENT____GT 24152	44.22 1.88 0.00	36.65 1.50 0.00	29.70 1.35 0.00	29.32 1.19 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.31 1.28 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.98 1.98 0.00	38.33 2.02 0.00	37.31 2.02 0.00	45.03 2.45 0.00	48.31 2.49 0.00	55.23 2.71 0.00	63.00 2.91 0.00	71.78 3.69 0.00	71.59 4.31 0.00	64.06 3.67 0.00	57.21 2.73 0.00	64.00 2.04 0.00	65.15 1.22 0.00	58.52 1.19 0.00	45.55 1.33 0.00
NYPA_POUCH1____GT 24155	44.22 1.88 0.00	36.64 1.48 0.00	29.66 1.31 0.00	29.28 1.15 0.00	29.43 0.99 0.00	32.71 0.90 0.00	37.23 1.21 0.00	41.28 1.57 0.00	40.52 1.76 0.00	39.85 1.84 0.00	38.19 1.88 0.00	37.22 1.92 0.00	44.89 2.31 0.00	48.21 2.39 0.00	55.20 2.68 0.00	63.01 2.92 0.00	71.70 3.60 0.00	71.48 4.21 0.00	64.01 3.62 0.00	57.17 2.69 0.00	63.95 2.00 0.00	65.13 1.21 0.00	58.54 1.21 0.00	45.61 1.39 0.00
NYPA_VERNON____GT2 24162	44.18 1.84 0.00	36.63 1.47 0.00	29.70 1.35 0.00	29.33 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.30 1.28 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.98 1.98 0.00	38.34 2.03 0.00	37.32 2.02 0.00	45.04 2.45 0.00	48.25 2.43 0.00	55.13 2.61 0.00	62.92 2.83 0.00	71.74 3.65 0.00	71.55 4.27 0.00	63.99 3.60 0.00	57.16 2.67 0.00	63.94 1.98 0.00	65.07 1.15 0.00	58.42 1.09 0.00	45.44 1.23 0.00
NYPA_VERNON____GT3 24163	44.18 1.84 0.00	36.63 1.47 0.00	29.70 1.35 0.00	29.33 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.30 1.28 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.98 1.98 0.00	38.34 2.03 0.00	37.32 2.02 0.00	45.04 2.45 0.00	48.25 2.43 0.00	55.13 2.61 0.00	62.92 2.83 0.00	71.74 3.65 0.00	71.55 4.27 0.00	63.99 3.60 0.00	57.16 2.67 0.00	63.94 1.98 0.00	65.07 1.15 0.00	58.42 1.09 0.00	45.44 1.23 0.00
NYPA____ASTORIA_CC1 323568	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.32 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.26 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.95 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.82 2.73 0.00	71.62 3.52 0.00	71.42 4.15 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.88 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.36 1.15 0.00
NYPA____ASTORIA_CC2 323569	44.15 1.81 0.00	36.61 1.46 0.00	29.69 1.35 0.00	29.32 1.19 0.00	29.47 1.04 0.00	32.76 0.95 0.00	37.26 1.23 0.00	41.33 1.63 0.00	40.57 1.81 0.00	39.93 1.92 0.00	38.30 1.98 0.00	37.26 1.95 0.00	44.96 2.37 0.00	48.17 2.35 0.00	55.02 2.50 0.00	62.82 2.73 0.00	71.62 3.52 0.00	71.42 4.15 0.00	63.89 3.50 0.00	57.07 2.59 0.00	63.83 1.88 0.00	64.97 1.05 0.00	58.32 0.99 0.00	45.36 1.15 0.00
NYPA____HOLTSVILL 23794	43.82 1.48 0.00	36.34 1.19 0.00	29.50 1.16 0.00	29.09 0.97 0.00	29.25 0.81 0.00	32.46 0.65 0.00	36.81 0.79 0.00	40.86 1.15 0.00	40.17 1.40 0.00	39.51 1.51 0.00	38.10 1.79 0.00	37.42 2.12 0.00	45.22 2.60 -0.03	47.92 2.10 0.00	54.54 2.03 0.00	62.20 2.11 0.00	71.33 3.23 0.00	71.36 4.08 0.00	63.41 3.02 0.00	56.17 1.68 0.00	62.24 0.47 0.19	57.49 -0.27 6.16	22.04 -0.08 35.20	44.51 0.29 0.00
NYPA____HELLGATE_GT1 24158	44.05 1.71 0.00	36.54 1.39 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.37 0.94 0.00	32.71 0.90 0.00	37.21 1.18 0.00	41.28 1.58 0.00	40.52 1.76 0.00	39.86 1.85 0.00	38.21 1.90 0.00	37.17 1.87 0.00	44.88 2.29 0.00	48.14 2.32 0.00	54.98 2.46 0.00	62.79 2.70 0.00	71.58 3.48 0.00	71.40 4.13 0.00	63.83 3.44 0.00	57.08 2.59 0.00	63.87 1.91 0.00	65.05 1.13 0.00	58.47 1.14 0.00	45.47 1.25 0.00
NYPA____HELLGATE_GT2 24159	44.05 1.71 0.00	36.54 1.39 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.37 0.94 0.00	32.71 0.90 0.00	37.21 1.18 0.00	41.28 1.58 0.00	40.52 1.76 0.00	39.86 1.85 0.00	38.21 1.90 0.00	37.17 1.87 0.00	44.88 2.29 0.00	48.14 2.32 0.00	54.98 2.46 0.00	62.79 2.70 0.00	71.58 3.48 0.00	71.40 4.13 0.00	63.83 3.44 0.00	57.08 2.59 0.00	63.87 1.91 0.00	65.05 1.13 0.00	58.47 1.14 0.00	45.47 1.25 0.00
NYS_BARGE____HYD 23848	41.75 -0.59 0.00	33.99 -1.16 0.00	27.01 -1.33 0.00	26.81 -1.31 0.00	26.82 -1.62 0.00	29.74 -2.07 0.00	33.39 -2.63 0.00	37.13 -2.58 0.00	36.28 -2.49 0.00	36.04 -1.97 0.00	34.80 -1.51 0.00	33.92 -1.38 0.00	40.99 -1.59 0.00	44.44 -1.38 0.00	51.28 -1.24 0.00	58.72 -1.38 0.00	66.07 -2.02 0.00	66.83 -0.44 0.00	59.81 -0.58 0.00	54.27 -0.21 0.00	60.80 -1.15 0.00	63.76 -0.16 0.00	58.30 0.98 0.00	44.81 0.59 0.00
OAK ORCHARD____HYD 24046	42.27 -0.07 0.00	34.76 -0.39 0.00	27.84 -0.51 0.00	27.61 -0.52 0.00	27.77 -0.66 0.00	30.96 -0.85 0.00	34.94 -1.09 0.00	38.67 -1.03 0.00	37.77 -0.99 0.00	37.29 -0.72 0.00	35.82 -0.49 0.00	34.88 -0.42 0.00	42.21 -0.37 0.00	45.67 -0.15 0.00	52.61 0.09 0.00	60.37 0.28 0.00	68.42 0.32 0.00	68.64 1.37 0.00	61.58 1.19 0.00	55.64 1.16 0.00	62.62 0.66 0.00	64.85 0.93 0.00	58.32 1.00 0.00	44.72 0.51 0.00

OAKDALE___35_KV_LOAD 356122	42.34 0.00 0.00	34.91 -0.24 0.00	28.12 -0.22 0.00	27.92 -0.21 0.00	28.13 -0.30 0.00	31.45 -0.36 0.00	35.56 -0.46 0.00	39.26 -0.44 0.00	38.27 -0.49 0.00	37.63 -0.38 0.00	36.04 -0.27 0.00	35.08 -0.22 0.00	42.35 -0.23 0.00	45.67 -0.15 0.00	52.55 0.03 0.00	60.30 0.21 0.00	68.36 0.26 0.00	68.25 0.97 0.00	61.19 0.80 0.00	55.30 0.81 0.00	62.22 0.26 0.00	64.12 0.19 0.00	57.65 0.33 0.00	44.31 0.09 0.00
OCC_CHEM___DRP 24175	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.36 -1.76 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.75 -3.27 0.00	36.40 -3.30 0.00	35.66 -3.10 0.00	35.55 -2.45 0.00	34.32 -1.99 0.00	33.46 -1.84 0.00	40.46 -2.13 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.79 -2.30 0.00	64.93 -3.17 0.00	65.54 -1.74 0.00	58.62 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.62 -1.30 0.00	57.05 -0.27 0.00	43.85 -0.37 0.00
OH_GEN_PROXY 24063	42.70 -1.07 -1.44	33.64 -1.51 0.00	26.77 -1.57 0.00	26.56 -1.57 0.00	26.58 -1.85 0.00	29.45 -2.36 0.00	33.08 -2.95 0.00	36.76 -2.94 0.00	35.98 -2.78 0.00	35.78 -2.23 0.00	34.54 -1.77 0.00	33.66 -1.65 0.00	40.67 -1.91 0.00	44.07 -1.75 0.00	50.22 -1.72 0.58	58.15 -1.94 0.00	66.37 -2.70 -0.98	65.98 -1.30 0.00	59.00 -1.39 0.00	53.55 -0.94 0.00	60.03 -1.93 0.00	134.04 -0.99 -71.11	59.60 -0.04 -2.32	44.02 -0.19 0.00
OLIN_CORP_DRP 24177	41.25 -1.09 0.00	33.59 -1.56 0.00	26.69 -1.65 0.00	26.50 -1.62 0.00	26.49 -1.94 0.00	29.36 -2.45 0.00	32.93 -3.09 0.00	36.60 -3.10 0.00	35.77 -2.99 0.00	35.56 -2.45 0.00	34.32 -1.99 0.00	33.47 -1.83 0.00	40.42 -2.16 0.00	43.79 -2.04 0.00	50.49 -2.03 0.00	57.80 -2.30 0.00	64.99 -3.11 0.00	65.66 -1.62 0.00	58.73 -1.66 0.00	53.30 -1.18 0.00	59.72 -2.23 0.00	62.74 -1.18 0.00	57.53 0.20 0.00	44.30 0.08 0.00
OLIN_CORP_DSASP 323712	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.35 -1.77 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.74 -3.28 0.00	36.40 -3.30 0.00	35.65 -3.11 0.00	35.53 -2.48 0.00	34.33 -1.98 0.00	33.46 -1.84 0.00	40.46 -2.12 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.80 -2.29 0.00	64.93 -3.16 0.00	65.54 -1.74 0.00	58.63 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.63 -1.29 0.00	57.06 -0.27 0.00	43.85 -0.37 0.00
ONEIDA_HERK_LFGE 323681	43.10 0.76 0.00	35.82 0.66 0.00	28.93 0.59 0.00	28.82 0.70 0.00	29.19 0.76 0.00	32.79 0.98 0.00	37.12 1.10 0.00	40.89 1.19 0.00	39.79 1.03 0.00	38.90 0.90 0.00	37.08 0.77 0.00	35.95 0.65 0.00	43.32 0.73 0.00	46.78 0.96 0.00	53.61 1.09 0.00	61.33 1.24 0.00	69.75 1.65 0.00	69.48 2.21 0.00	62.68 2.30 0.00	56.93 2.45 0.00	64.77 2.82 0.00	66.88 2.96 0.00	59.85 2.53 0.00	45.97 1.75 0.00
ONEIDA___115KV_TB4 55905	43.24 0.90 0.00	35.86 0.70 0.00	28.93 0.59 0.00	28.73 0.61 0.00	29.02 0.59 0.00	32.52 0.72 0.00	36.85 0.82 0.00	40.56 0.86 0.00	39.47 0.71 0.00	38.62 0.62 0.00	36.84 0.52 0.00	35.77 0.47 0.00	43.14 0.56 0.00	46.64 0.82 0.00	53.49 0.97 0.00	61.32 1.23 0.00	69.80 1.70 0.00	69.64 2.37 0.00	62.84 2.45 0.00	56.94 2.45 0.00	64.49 2.54 0.00	66.34 2.42 0.00	59.35 2.02 0.00	45.57 1.36 0.00
ONONDAGA_REF_OCCRA 23987	42.04 -0.30 0.00	34.89 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.22 0.00	28.15 -0.28 0.00	31.47 -0.33 0.00	35.59 -0.43 0.00	39.21 -0.49 0.00	38.23 -0.53 0.00	37.53 -0.48 0.00	35.89 -0.42 0.00	34.91 -0.39 0.00	42.16 -0.43 0.00	45.43 -0.39 0.00	52.18 -0.34 0.00	59.83 -0.26 0.00	67.95 -0.15 0.00	67.75 0.47 0.00	60.95 0.56 0.00	55.02 0.54 0.00	62.14 0.18 0.00	63.94 0.02 0.00	57.28 -0.05 0.00	44.03 -0.19 0.00
ONONDAGA___COGEN 23986	42.03 -0.31 0.00	34.88 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.23 0.00	28.15 -0.28 0.00	31.47 -0.33 0.00	35.57 -0.45 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.52 0.00	35.86 -0.46 0.00	34.86 -0.44 0.00	42.13 -0.46 0.00	45.40 -0.42 0.00	52.15 -0.37 0.00	59.76 -0.33 0.00	67.89 -0.21 0.00	67.68 0.40 0.00	60.90 0.51 0.00	54.97 0.49 0.00	62.06 0.10 0.00	63.89 -0.03 0.00	57.23 -0.10 0.00	44.00 -0.22 0.00
ONTARIO___LFGE 23819	42.71 0.37 0.00	35.16 0.01 0.00	28.23 -0.10 0.00	28.01 -0.11 0.00	28.21 -0.22 0.00	31.54 -0.27 0.00	35.66 -0.36 0.00	39.41 -0.29 0.00	38.31 -0.44 0.00	37.63 -0.37 0.00	36.04 -0.27 0.00	35.04 -0.26 0.00	42.17 -0.41 0.00	45.61 -0.21 0.00	52.53 0.01 0.00	60.43 0.33 0.00	68.64 0.55 0.00	69.07 1.80 0.00	62.13 1.74 0.00	56.21 1.73 0.00	63.24 1.28 0.00	65.24 1.32 0.00	58.57 1.24 0.00	44.85 0.63 0.00
ORANGEVILLE_WT_PWR 323706	42.15 -0.19 0.00	34.36 -0.79 0.00	27.41 -0.93 0.00	27.22 -0.91 0.00	27.27 -1.17 0.00	30.33 -1.48 0.00	34.15 -1.87 0.00	37.88 -1.82 0.00	36.91 -1.85 0.00	36.55 -1.45 0.00	35.19 -1.12 0.00	34.27 -1.03 0.00	41.36 -1.22 0.00	44.88 -0.94 0.00	51.77 -0.75 0.00	59.40 -0.69 0.00	67.02 -1.08 0.00	67.61 0.33 0.00	60.54 0.15 0.00	54.93 0.44 0.00	61.60 -0.35 0.00	64.23 0.31 0.00	58.31 0.98 0.00	44.72 0.50 0.00
ORANGEVILLE___ESR 323794	42.15 -0.19 0.00	34.36 -0.79 0.00	27.41 -0.93 0.00	27.22 -0.91 0.00	27.27 -1.17 0.00	30.33 -1.48 0.00	34.15 -1.87 0.00	37.88 -1.82 0.00	36.91 -1.85 0.00	36.55 -1.45 0.00	35.19 -1.12 0.00	34.27 -1.03 0.00	41.36 -1.22 0.00	44.88 -0.94 0.00	51.77 -0.75 0.00	59.40 -0.69 0.00	67.02 -1.08 0.00	67.61 0.33 0.00	60.54 0.15 0.00	54.93 0.44 0.00	61.60 -0.35 0.00	64.23 0.31 0.00	58.31 0.98 0.00	44.72 0.50 0.00
OSWEGATCHIE___HYD 24044	43.36 1.02 0.00	36.06 0.91 0.00	28.91 0.57 0.00	28.88 0.76 0.00	29.35 0.92 0.00	33.21 1.40 0.00	37.56 1.54 0.00	41.37 1.67 0.00	40.17 1.41 0.00	39.26 1.25 0.00	37.43 1.12 0.00	36.27 0.97 0.00	43.66 1.07 0.00	47.06 1.24 0.00	53.81 1.29 0.00	61.34 1.25 0.00	69.08 0.98 0.00	68.23 0.95 0.00	61.47 1.08 0.00	56.16 1.67 0.00	64.58 2.62 0.00	67.54 3.62 0.00	60.70 3.37 0.00	46.68 2.46 0.00
OSWEGO___5 23606	41.29 -1.05 0.00	34.31 -0.84 0.00	27.67 -0.67 0.00	27.45 -0.67 0.00	27.71 -0.72 0.00	30.97 -0.83 0.00	35.00 -1.02 0.00	38.55 -1.16 0.00	37.60 -1.16 0.00	36.90 -1.10 0.00	35.29 -1.02 0.00	34.30 -1.01 0.00	41.41 -1.18 0.00	44.59 -1.23 0.00	51.18 -1.34 0.00	58.60 -1.49 0.00	66.48 -1.62 0.00	66.10 -1.18 0.00	59.41 -0.98 0.00	53.64 -0.85 0.00	60.68 -1.28 0.00	62.53 -1.40 0.00	56.08 -1.25 0.00	43.18 -1.04 0.00
OSWEGO___6 23613	41.29 -1.05 0.00	34.31 -0.84 0.00	27.67 -0.67 0.00	27.45 -0.67 0.00	27.71 -0.72 0.00	30.97 -0.83 0.00	35.00 -1.02 0.00	38.55 -1.16 0.00	37.60 -1.16 0.00	36.90 -1.10 0.00	35.29 -1.02 0.00	34.30 -1.01 0.00	41.41 -1.18 0.00	44.59 -1.23 0.00	51.18 -1.34 0.00	58.60 -1.49 0.00	66.48 -1.62 0.00	66.10 -1.18 0.00	59.41 -0.98 0.00	53.64 -0.85 0.00	60.68 -1.28 0.00	62.53 -1.40 0.00	56.08 -1.25 0.00	43.18 -1.04 0.00

OUTOKUMPU-AB___DRP 24206	42.04 -0.30 0.00	34.23 -0.93 0.00	27.19 -1.15 0.00	26.98 -1.14 0.00	26.98 -1.45 0.00	29.94 -1.87 0.00	33.62 -2.40 0.00	37.42 -2.29 0.00	36.63 -2.13 0.00	36.50 -1.51 0.00	35.24 -1.07 0.00	34.38 -0.92 0.00	41.61 -0.98 0.00	45.19 -0.63 0.00	52.13 -0.39 0.00	59.59 -0.50 0.00	66.95 -1.14 0.00	67.64 0.36 0.00	60.50 0.11 0.00	54.82 0.34 0.00	61.37 -0.59 0.00	64.28 0.36 0.00	58.68 1.35 0.00	45.11 0.89 0.00
OXBOW___BTM 323836	41.52 -0.82 0.00	33.83 -1.33 0.00	26.86 -1.48 0.00	26.65 -1.47 0.00	26.67 -1.76 0.00	29.56 -2.25 0.00	33.17 -2.85 0.00	36.90 -2.80 0.00	36.14 -2.62 0.00	36.01 -1.99 0.00	34.80 -1.51 0.00	33.94 -1.36 0.00	41.08 -1.51 0.00	44.58 -1.24 0.00	51.40 -1.12 0.00	58.78 -1.31 0.00	66.04 -2.06 0.00	66.70 -0.58 0.00	59.65 -0.74 0.00	54.10 -0.38 0.00	60.58 -1.38 0.00	63.53 -0.39 0.00	57.93 0.60 0.00	44.50 0.28 0.00
OXBOW___ 24026	41.52 -0.82 0.00	33.83 -1.33 0.00	26.86 -1.48 0.00	26.65 -1.47 0.00	26.67 -1.76 0.00	29.55 -2.25 0.00	33.18 -2.84 0.00	36.90 -2.80 0.00	36.14 -2.62 0.00	36.03 -1.98 0.00	34.79 -1.52 0.00	33.94 -1.36 0.00	41.07 -1.51 0.00	44.58 -1.24 0.00	51.40 -1.12 0.00	58.78 -1.32 0.00	66.04 -2.06 0.00	66.70 -0.57 0.00	59.65 -0.74 0.00	54.10 -0.38 0.00	60.58 -1.38 0.00	63.52 -0.40 0.00	57.91 0.58 0.00	44.49 0.28 0.00
OXY_CHEM_DSASP 323612	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.36 -1.76 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.75 -3.27 0.00	36.40 -3.30 0.00	35.66 -3.10 0.00	35.55 -2.45 0.00	34.32 -1.99 0.00	33.46 -1.84 0.00	40.46 -2.13 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.79 -2.30 0.00	64.93 -3.17 0.00	65.54 -1.74 0.00	58.62 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.62 -1.30 0.00	57.05 -0.27 0.00	43.85 -0.37 0.00
OZONE_PARK_ESR 323760	44.53 2.19 0.00	36.86 1.71 0.00	29.87 1.52 0.00	29.48 1.36 0.00	29.63 1.20 0.00	32.99 1.19 0.00	37.56 1.53 0.00	41.64 1.94 0.00	40.86 2.10 0.00	40.24 2.23 0.00	38.58 2.27 0.00	37.60 2.30 0.00	45.43 2.84 0.00	48.75 2.93 0.00	55.70 3.18 0.00	63.63 3.54 0.00	72.64 4.54 0.00	72.46 5.18 0.00	64.81 4.42 0.00	57.95 3.46 0.00	64.84 2.88 0.00	66.06 2.14 0.00	59.23 1.90 0.00	45.98 1.76 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.36 -1.76 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.75 -3.27 0.00	36.40 -3.30 0.00	35.66 -3.10 0.00	35.55 -2.45 0.00	34.32 -1.99 0.00	33.46 -1.84 0.00	40.46 -2.13 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.79 -2.30 0.00	64.93 -3.17 0.00	65.54 -1.74 0.00	58.62 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.62 -1.30 0.00	57.05 -0.27 0.00	43.85 -0.37 0.00
PACKARD___115KV_DUPONT_184 80571	40.99 -1.35 0.00	33.44 -1.71 0.00	26.56 -1.78 0.00	26.36 -1.76 0.00	26.36 -2.07 0.00	29.19 -2.62 0.00	32.75 -3.27 0.00	36.40 -3.30 0.00	35.66 -3.10 0.00	35.55 -2.45 0.00	34.32 -1.99 0.00	33.46 -1.84 0.00	40.46 -2.13 0.00	43.85 -1.97 0.00	50.54 -1.98 0.00	57.79 -2.30 0.00	64.93 -3.17 0.00	65.54 -1.74 0.00	58.62 -1.76 0.00	53.21 -1.27 0.00	59.64 -2.32 0.00	62.62 -1.30 0.00	57.05 -0.27 0.00	43.85 -0.37 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.20 1.86 0.00	36.64 1.48 0.00	29.68 1.34 0.00	29.30 1.18 0.00	29.44 1.01 0.00	32.72 0.91 0.00	37.23 1.21 0.00	41.31 1.61 0.00	40.54 1.78 0.00	39.86 1.85 0.00	38.23 1.92 0.00	37.17 1.87 0.00	44.86 2.27 0.00	48.10 2.29 0.00	54.97 2.45 0.00	62.82 2.73 0.00	71.62 3.53 0.00	71.44 4.17 0.00	63.88 3.50 0.00	57.12 2.64 0.00	63.92 1.97 0.00	65.11 1.19 0.00	58.48 1.15 0.00	45.43 1.22 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.17 2.83 0.00	37.39 2.23 0.00	30.26 1.93 0.00	29.98 1.86 0.00	30.14 1.71 0.00	33.57 1.76 0.00	38.23 2.21 0.00	42.43 2.73 0.00	41.62 2.86 0.00	40.85 2.85 0.00	39.20 2.89 0.00	38.12 2.82 0.00	46.14 3.55 0.00	49.33 3.50 0.00	56.09 3.58 0.00	64.35 4.26 0.00	73.46 5.36 0.00	73.27 5.99 0.00	65.42 5.03 0.00	58.57 4.08 0.00	65.53 3.57 0.00	66.60 2.67 0.00	59.85 2.52 0.00	46.62 2.40 0.00
PATROON___115KV_TB1 80586	42.70 0.36 0.00	35.49 0.34 0.00	28.93 0.59 0.00	28.64 0.51 0.00	28.87 0.44 0.00	32.16 0.36 0.00	36.50 0.48 0.00	40.18 0.48 0.00	39.28 0.52 0.00	38.32 0.32 0.00	36.48 0.17 0.00	35.41 0.10 0.00	42.58 0.00 0.00	45.78 -0.04 0.00	52.48 -0.04 0.00	59.91 -0.18 0.00	68.21 0.11 0.00	67.96 0.68 0.00	61.26 0.87 0.00	55.09 0.61 0.00	62.22 0.26 0.00	63.69 -0.23 0.00	57.00 -0.33 0.00	44.02 -0.19 0.00
PATTRSNVILLE___SOLAR 323815	43.57 1.23 0.00	36.17 1.02 0.00	29.26 0.92 0.00	28.99 0.87 0.00	29.27 0.84 0.00	32.69 0.88 0.00	37.10 1.07 0.00	40.80 1.10 0.00	39.63 0.87 0.00	38.63 0.63 0.00	36.69 0.38 0.00	35.59 0.30 0.00	42.92 0.34 0.00	46.17 0.35 0.00	52.94 0.42 0.00	60.62 0.53 0.00	69.10 1.01 0.00	68.95 1.68 0.00	62.45 2.07 0.00	56.56 2.07 0.00	64.05 2.09 0.00	65.84 1.92 0.00	58.95 1.63 0.00	45.46 1.24 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.13 -0.21 0.00	34.27 -0.88 0.00	27.27 -1.07 0.00	27.07 -1.06 0.00	27.10 -1.34 0.00	30.09 -1.72 0.00	33.88 -2.15 0.00	37.69 -2.02 0.00	36.87 -1.89 0.00	36.68 -1.32 0.00	35.41 -0.91 0.00	34.54 -0.76 0.00	41.78 -0.80 0.00	45.36 -0.46 0.00	52.35 -0.17 0.00	60.01 -0.08 0.00	67.58 -0.51 0.00	68.14 0.87 0.00	60.89 0.50 0.00	55.19 0.70 0.00	61.75 -0.21 0.00	64.50 0.58 0.00	58.65 1.32 0.00	44.94 0.72 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.07 1.72 0.00	36.52 1.37 0.00	29.55 1.21 0.00	29.20 1.08 0.00	29.40 0.97 0.00	32.78 0.98 0.00	37.30 1.28 0.00	41.31 1.61 0.00	40.49 1.73 0.00	39.80 1.80 0.00	38.11 1.79 0.00	37.13 1.83 0.00	44.86 2.28 0.00	48.23 2.40 0.00	55.20 2.68 0.00	63.17 3.08 0.00	72.13 4.02 0.00	72.01 4.74 0.00	64.55 4.16 0.00	57.76 3.27 0.00	64.71 2.76 0.00	65.89 1.97 0.00	58.96 1.64 0.00	45.59 1.38 0.00
PEEKSKILL___ 23653	43.72 1.38 0.00	36.20 1.05 0.00	29.39 1.04 0.00	28.99 0.87 0.00	29.13 0.70 0.00	32.48 0.67 0.00	36.97 0.94 0.00	40.92 1.22 0.00	40.10 1.34 0.00	39.41 1.41 0.00	37.75 1.44 0.00	36.76 1.46 0.00	44.41 1.82 0.00	47.67 1.85 0.00	54.49 1.98 0.00	62.26 2.17 0.00	71.06 2.96 0.00	70.89 3.61 0.00	63.52 3.13 0.00	56.83 2.35 0.00	63.66 1.70 0.00	64.88 0.96 0.00	58.15 0.82 0.00	45.09 0.87 0.00
PGE MADISON___WINDPWR 24146	45.19 2.85 0.00	37.20 2.05 0.00	29.92 1.57 0.00	29.69 1.56 0.00	29.91 1.48 0.00	33.57 1.76 0.00	38.02 1.99 0.00	42.06 2.35 0.00	40.79 2.03 0.00	39.91 1.91 0.00	38.14 1.83 0.00	37.02 1.72 0.00	44.74 2.16 0.00	48.39 2.57 0.00	55.67 3.15 0.00	64.01 3.91 0.00	73.08 4.99 0.00	73.32 6.04 0.00	66.35 5.96 0.00	60.19 5.70 0.00	67.85 5.89 0.00	69.67 5.75 0.00	62.21 4.89 0.00	47.51 3.29 0.00

PIERCEFIELD___HYD 23852	43.71 1.37 0.00	36.29 1.14 0.00	28.88 0.54 0.00	28.75 0.62 0.00	29.21 0.78 0.00	33.14 1.33 0.00	37.52 1.50 0.00	41.34 1.64 0.00	40.19 1.43 0.00	39.32 1.31 0.00	37.60 1.29 0.00	36.54 1.24 0.00	44.03 1.44 0.00	47.37 1.55 0.00	54.09 1.57 0.00	61.55 1.46 0.00	68.75 0.65 0.00	67.23 -0.05 0.00	60.26 -0.12 0.00	54.85 0.36 0.00	63.36 1.40 0.00	66.68 2.76 0.00	60.17 2.84 0.00	46.45 2.23 0.00
PINELAWN_CC_1 323563	44.14 1.80 0.00	36.57 1.41 0.00	29.64 1.30 0.00	29.23 1.11 0.00	29.39 0.96 0.00	32.67 0.86 0.00	37.05 1.03 0.00	41.15 1.45 0.00	40.40 1.64 0.00	39.78 1.78 0.00	38.15 1.84 0.00	37.30 2.00 0.00	45.04 2.42 -0.03	47.82 2.00 0.00	54.53 2.02 0.00	62.34 2.25 0.00	71.44 3.34 0.00	71.33 4.06 0.00	63.49 3.10 0.00	56.14 1.66 0.00	62.36 0.56 0.16	58.50 -0.26 5.15	26.55 0.10 30.88	45.07 0.85 0.00
PJM_GEN_HTTP_PROXY 323702	44.00 1.66 0.00	36.55 1.30 -0.10	29.54 1.21 0.00	29.17 1.05 0.00	29.33 0.90 0.00	35.15 0.86 -2.48	40.14 1.16 -2.95	41.20 1.50 0.00	40.73 1.66 -0.31	39.80 1.80 0.00	38.18 1.83 -0.04	37.16 1.86 0.00	44.89 2.30 0.00	48.14 2.32 0.00	54.99 2.47 0.00	62.79 2.70 0.00	71.64 3.54 0.00	71.45 4.18 0.00	63.93 3.55 0.00	57.14 2.66 0.00	63.95 1.99 0.00	65.13 1.20 0.00	58.38 1.05 0.00	44.92 1.14 0.43
PJM_GEN_KEystone 24065	42.59 0.25 0.00	35.08 -0.17 -0.10	26.15 -0.20 2.00	24.51 -0.23 3.38	25.54 -0.40 2.50	33.56 -0.59 -2.34	41.54 -0.60 -6.12	39.24 -0.46 0.00	38.66 -0.41 -0.31	37.81 -0.19 0.00	36.36 0.01 -0.04	35.35 0.05 0.00	42.69 0.11 0.00	46.04 0.22 0.00	52.72 0.25 0.05	60.32 0.23 0.00	68.43 0.33 0.00	68.50 1.23 0.00	61.31 0.92 0.00	55.71 0.73 -0.49	61.81 -0.14 0.00	63.59 -0.33 0.00	57.46 0.13 0.00	47.88 0.13 -3.53
PJM_GEN_NEPTUNE_PROXY 323594	43.78 1.44 0.00	36.39 1.13 -0.10	29.42 1.08 0.00	29.03 0.90 0.00	29.18 0.75 0.00	34.93 0.65 -2.48	39.76 0.79 -2.95	40.83 1.13 0.00	40.38 1.31 -0.31	39.47 1.46 0.00	38.08 1.73 -0.04	37.25 1.95 0.00	44.98 2.36 -0.03	47.84 2.02 0.00	54.58 2.06 0.00	62.35 2.26 0.00	71.32 3.22 0.00	71.14 3.87 0.00	63.38 2.99 0.00	56.39 1.91 0.00	62.71 0.96 0.20	57.28 0.18 6.82	19.48 0.20 38.05	44.36 0.58 0.43
PJM_GEN_VFT_PROXY 323633	43.84 1.50 0.00	36.42 1.17 -0.10	29.43 1.09 0.00	29.05 0.93 0.00	29.21 0.78 0.00	35.02 0.74 -2.48	40.00 1.03 -2.95	41.05 1.35 0.00	40.58 1.51 -0.31	39.65 1.64 0.00	38.04 1.69 -0.04	37.00 1.70 0.00	44.65 2.07 0.00	47.90 2.08 0.00	54.70 2.18 0.00	62.40 2.31 0.00	71.20 3.10 0.00	71.01 3.74 0.00	63.60 3.21 0.00	56.85 2.36 0.00	63.57 1.61 0.00	64.71 0.79 0.01	58.04 0.72 0.01	44.70 0.92 0.43
PLATSBURG_115KV_PMLD1 355749	42.65 0.31 0.00	35.46 0.31 0.00	28.48 0.14 0.00	28.33 0.21 0.00	28.75 0.32 0.00	32.32 0.51 0.00	36.72 0.70 0.00	40.62 0.92 0.00	39.69 0.93 0.00	38.82 0.81 0.00	37.16 0.84 0.00	36.04 0.73 0.00	43.46 0.88 0.00	46.76 0.95 0.00	53.60 1.08 0.00	61.50 1.41 0.00	69.49 1.40 0.00	67.83 0.55 0.00	60.78 0.39 0.00	54.96 0.47 0.00	63.18 1.22 0.00	65.34 1.41 0.00	58.57 1.25 0.00	45.07 0.85 0.00
PLEASANTVLY___LBMP 24000	43.46 1.12 0.00	36.05 0.89 0.00	29.21 0.87 0.00	28.89 0.77 0.00	29.08 0.65 0.00	32.40 0.59 0.00	36.84 0.82 0.00	40.74 1.04 0.00	39.91 1.15 0.00	39.17 1.17 0.00	37.44 1.13 0.00	36.45 1.15 0.00	43.99 1.40 0.00	47.22 1.40 0.00	54.00 1.48 0.00	61.71 1.62 0.00	70.39 2.29 0.00	70.20 2.93 0.00	62.98 2.59 0.00	56.43 1.95 0.00	63.32 1.36 0.00	64.57 0.65 0.00	57.85 0.53 0.00	44.82 0.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.86 1.52 0.00	36.33 1.18 0.00	29.44 1.10 0.00	29.09 0.96 0.00	29.26 0.83 0.00	32.61 0.80 0.00	37.09 1.07 0.00	41.08 1.38 0.00	40.26 1.50 0.00	39.57 1.57 0.00	37.89 1.57 0.00	36.93 1.63 0.00	44.61 2.02 0.00	47.86 2.04 0.00	54.71 2.19 0.00	62.52 2.43 0.00	71.34 3.25 0.00	71.17 3.89 0.00	63.75 3.36 0.00	57.05 2.56 0.00	63.91 1.96 0.00	65.11 1.19 0.00	58.33 1.01 0.00	45.22 1.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.86 1.52 0.00	36.33 1.18 0.00	29.44 1.10 0.00	29.09 0.96 0.00	29.26 0.83 0.00	32.61 0.80 0.00	37.09 1.07 0.00	41.08 1.38 0.00	40.26 1.50 0.00	39.57 1.57 0.00	37.89 1.57 0.00	36.93 1.63 0.00	44.61 2.02 0.00	47.86 2.04 0.00	54.71 2.19 0.00	62.52 2.43 0.00	71.34 3.25 0.00	71.17 3.89 0.00	63.75 3.36 0.00	57.05 2.56 0.00	63.91 1.96 0.00	65.11 1.19 0.00	58.33 1.01 0.00	45.22 1.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.81 1.47 0.00	36.30 1.15 0.00	29.41 1.07 0.00	29.09 0.96 0.00	29.27 0.84 0.00	32.63 0.82 0.00	37.12 1.10 0.00	41.10 1.40 0.00	40.29 1.53 0.00	39.53 1.52 0.00	37.78 1.46 0.00	36.78 1.48 0.00	44.43 1.84 0.00	47.75 1.93 0.00	54.69 2.17 0.00	62.60 2.51 0.00	71.52 3.42 0.00	71.43 4.15 0.00	64.09 3.70 0.00	57.42 2.93 0.00	64.40 2.44 0.00	65.61 1.69 0.00	58.68 1.36 0.00	45.35 1.13 0.00
POLETTI____ 23519	43.97 1.63 0.00	36.42 1.27 0.00	29.55 1.21 0.00	29.18 1.06 0.00	29.34 0.91 0.00	32.66 0.85 0.00	37.16 1.14 0.00	41.18 1.48 0.00	40.41 1.65 0.00	39.78 1.77 0.00	38.13 1.82 0.00	37.16 1.86 0.00	44.86 2.27 0.00	48.13 2.31 0.00	54.94 2.42 0.00	62.74 2.65 0.00	71.59 3.50 0.00	71.40 4.12 0.00	63.89 3.51 0.00	57.10 2.61 0.00	63.89 1.93 0.00	65.06 1.14 0.00	58.32 0.99 0.00	45.32 1.10 0.00
POMONA___ESR 323819	43.74 1.40 0.00	36.12 0.97 0.00	29.25 0.91 0.00	28.92 0.80 0.00	29.13 0.70 0.00	32.49 0.68 0.00	36.98 0.96 0.00	40.94 1.23 0.00	40.11 1.35 0.00	39.44 1.43 0.00	37.79 1.47 0.00	36.82 1.52 0.00	44.48 1.89 0.00	47.77 1.95 0.00	54.64 2.12 0.00	62.44 2.35 0.00	71.26 3.16 0.00	71.08 3.81 0.00	63.67 3.28 0.00	56.97 2.48 0.00	63.78 1.82 0.00	64.97 1.05 0.00	58.23 0.90 0.00	45.13 0.91 0.00
PORT_JEFF_3 23555	43.93 1.59 0.00	36.42 1.27 0.00	29.56 1.22 0.00	29.15 1.02 0.00	29.30 0.87 0.00	32.53 0.72 0.00	36.89 0.86 0.00	40.94 1.24 0.00	40.27 1.51 0.00	39.62 1.61 0.00	38.19 1.88 0.00	37.50 2.20 0.00	45.33 2.71 -0.03	48.06 2.24 0.00	54.63 2.12 0.00	62.07 1.98 0.00	71.19 3.10 0.00	71.26 3.98 0.00	63.29 2.90 0.00	56.05 1.56 0.00	62.04 0.27 0.19	57.38 -0.39 6.15	22.08 -0.09 35.15	44.59 0.37 0.00
PORT_JEFF_4 23616	43.93 1.59 0.00	36.42 1.27 0.00	29.56 1.22 0.00	29.15 1.02 0.00	29.30 0.87 0.00	32.53 0.72 0.00	36.89 0.86 0.00	40.94 1.24 0.00	40.27 1.51 0.00	39.62 1.61 0.00	38.19 1.88 0.00	37.50 2.20 0.00	45.33 2.71 -0.03	48.06 2.24 0.00	54.63 2.12 0.00	62.07 1.98 0.00	71.19 3.10 0.00	71.26 3.98 0.00	63.29 2.90 0.00	56.05 1.56 0.00	62.04 0.27 0.19	57.38 -0.39 6.15	22.08 -0.09 35.15	44.59 0.37 0.00

PORT_JEFF_IC 23713	43.97 1.63 0.00	36.44 1.29 0.00	29.56 1.23 0.00	29.16 1.04 0.00	29.31 0.88 0.00	32.55 0.74 0.00	36.90 0.87 0.00	40.97 1.27 0.00	40.30 1.53 0.00	39.67 1.66 0.00	38.26 1.94 0.00	37.58 2.28 0.00	45.43 2.81 -0.03	48.19 2.38 0.00	54.81 2.29 0.00	62.13 2.04 0.00	71.32 3.22 0.00	71.50 4.22 0.00	63.43 3.05 0.00	56.20 1.71 0.00	62.09 0.31 0.19	57.62 -0.18 6.12	22.44 0.13 35.01	44.67 0.45 0.00
PPL PILGRIM_ST_GT1 24216	44.22 1.88 0.00	36.67 1.52 0.00	29.74 1.40 0.00	29.33 1.21 0.00	29.48 1.05 0.00	32.75 0.94 0.00	37.13 1.11 0.00	41.21 1.51 0.00	40.52 1.76 0.00	39.90 1.90 0.00	38.50 2.19 0.00	37.80 2.50 0.00	45.69 3.07 -0.03	48.42 2.60 0.00	55.16 2.64 0.00	63.06 2.96 0.00	71.94 3.84 0.00	71.98 4.70 0.00	63.98 3.60 0.00	56.68 2.19 0.00	62.88 1.10 0.18	58.45 0.51 5.99	23.43 0.55 34.44	45.04 0.83 0.00
PPL PILGRIM_ST_GT2 24217	44.22 1.88 0.00	36.67 1.52 0.00	29.74 1.40 0.00	29.33 1.21 0.00	29.48 1.05 0.00	32.75 0.94 0.00	37.13 1.11 0.00	41.21 1.51 0.00	40.52 1.76 0.00	39.90 1.90 0.00	38.50 2.19 0.00	37.80 2.50 0.00	45.69 3.07 -0.03	48.42 2.60 0.00	55.16 2.64 0.00	63.06 2.96 0.00	71.94 3.84 0.00	71.98 4.70 0.00	63.98 3.60 0.00	56.68 2.19 0.00	62.88 1.10 0.18	58.45 0.51 5.99	23.43 0.55 34.44	45.04 0.83 0.00
PPL_SHRM_GT3 24213	43.55 1.21 0.00	36.08 0.92 0.00	29.29 0.95 0.00	28.88 0.76 0.00	29.04 0.61 0.00	32.21 0.40 0.00	36.54 0.52 0.00	40.58 0.88 0.00	39.92 1.15 0.00	39.27 1.26 0.00	37.88 1.57 0.00	37.25 1.95 0.00	45.05 2.43 -0.03	47.77 1.95 0.00	54.39 1.88 0.00	62.15 2.06 0.00	71.45 3.36 0.00	71.57 4.30 0.00	63.62 3.23 0.00	56.25 1.76 0.00	62.28 0.51 0.19	57.49 -0.29 6.14	22.10 -0.14 35.09	44.33 0.12 0.00
PPL_SHRM_GT4 24214	43.55 1.21 0.00	36.08 0.92 0.00	29.29 0.95 0.00	28.88 0.76 0.00	29.04 0.61 0.00	32.21 0.40 0.00	36.54 0.52 0.00	40.58 0.88 0.00	39.92 1.15 0.00	39.27 1.26 0.00	37.88 1.57 0.00	37.25 1.95 0.00	45.05 2.43 -0.03	47.77 1.95 0.00	54.39 1.88 0.00	62.15 2.06 0.00	71.45 3.36 0.00	71.57 4.30 0.00	63.62 3.23 0.00	56.25 1.76 0.00	62.28 0.51 0.19	57.49 -0.29 6.14	22.10 -0.14 35.09	44.33 0.12 0.00
PROJECT___ORANGE 1 24174	41.74 -0.60 0.00	34.66 -0.49 0.00	27.95 -0.39 0.00	27.73 -0.39 0.00	27.98 -0.45 0.00	31.27 -0.54 0.00	35.36 -0.66 0.00	38.95 -0.75 0.00	37.99 -0.77 0.00	37.31 -0.70 0.00	35.71 -0.60 0.00	34.75 -0.55 0.00	41.94 -0.64 0.00	45.20 -0.63 0.00	51.89 -0.63 0.00	59.48 -0.61 0.00	67.55 -0.55 0.00	67.28 0.01 0.00	60.50 0.11 0.00	54.57 0.08 0.00	61.64 -0.32 0.00	63.43 -0.49 0.00	56.84 -0.48 0.00	43.71 -0.51 0.00
PROJECT___ORANGE 2 24166	41.74 -0.60 0.00	34.66 -0.49 0.00	27.95 -0.39 0.00	27.73 -0.39 0.00	27.98 -0.45 0.00	31.27 -0.54 0.00	35.36 -0.66 0.00	38.95 -0.75 0.00	37.99 -0.77 0.00	37.31 -0.70 0.00	35.71 -0.60 0.00	34.75 -0.55 0.00	41.94 -0.64 0.00	45.20 -0.63 0.00	51.89 -0.63 0.00	59.48 -0.61 0.00	67.55 -0.55 0.00	67.28 0.01 0.00	60.50 0.11 0.00	54.57 0.08 0.00	61.64 -0.32 0.00	63.43 -0.49 0.00	56.84 -0.48 0.00	43.71 -0.51 0.00
PUCKETT___SOLAR 323809	43.02 0.67 0.00	35.45 0.30 0.00	28.54 0.20 0.00	28.32 0.20 0.00	28.55 0.11 0.00	31.95 0.14 0.00	36.16 0.13 0.00	39.90 0.19 0.00	38.79 0.03 0.00	38.00 -0.01 0.00	36.30 -0.01 0.00	35.25 -0.05 0.00	42.52 -0.06 0.00	45.90 0.09 0.00	52.82 0.30 0.00	60.68 0.59 0.00	69.06 0.96 0.00	69.27 1.99 0.00	62.31 1.93 0.00	56.43 1.95 0.00	63.57 1.62 0.00	65.44 1.52 0.00	58.74 1.42 0.00	45.08 0.87 0.00
PYRITES___HYD 24023	44.51 2.16 0.00	36.95 1.80 0.00	29.38 1.05 0.00	29.24 1.12 0.00	29.73 1.30 0.00	33.73 1.93 0.00	38.20 2.18 0.00	42.02 2.32 0.00	40.59 1.83 0.00	39.56 1.56 0.00	37.78 1.47 0.00	36.70 1.40 0.00	44.25 1.66 0.00	47.62 1.80 0.00	54.41 1.89 0.00	62.09 2.00 0.00	69.39 1.29 0.00	68.09 0.82 0.00	61.16 0.77 0.00	55.98 1.49 0.00	64.89 2.93 0.00	68.25 4.33 0.00	61.46 4.13 0.00	47.32 3.10 0.00
QUAKERRD_115KV_BK1 80622	41.31 -1.03 0.00	34.05 -1.11 0.00	27.30 -1.04 0.00	27.08 -1.04 0.00	27.26 -1.17 0.00	30.41 -1.40 0.00	34.34 -1.68 0.00	37.97 -1.73 0.00	37.08 -1.68 0.00	36.57 -1.44 0.00	35.10 -1.22 0.00	34.17 -1.13 0.00	41.33 -1.26 0.00	44.69 -1.13 0.00	51.45 -1.07 0.00	59.03 -1.07 0.00	66.96 -1.14 0.00	67.06 -0.22 0.00	60.20 -0.19 0.00	54.34 -0.14 0.00	61.20 -0.76 0.00	63.28 -0.64 0.00	56.84 -0.48 0.00	43.61 -0.60 0.00
QUENSBRY_115KV_TB8 356137	44.46 2.12 0.00	36.91 1.76 0.00	29.84 1.50 0.00	29.58 1.46 0.00	29.87 1.44 0.00	33.35 1.54 0.00	37.91 1.89 0.00	41.82 2.12 0.00	40.78 2.02 0.00	39.68 1.67 0.00	37.22 0.91 0.00	36.04 0.74 0.00	43.41 0.82 0.00	46.71 0.89 0.00	53.71 1.19 0.00	61.79 1.70 0.00	70.73 2.63 0.00	70.81 3.53 0.00	64.52 4.13 0.00	58.33 3.84 0.00	65.75 3.79 0.00	67.03 3.11 0.00	59.85 2.53 0.00	45.94 1.72 0.00
RAMAPO___LBMP 323565	43.55 1.21 0.00	35.98 0.83 0.00	29.09 0.75 0.00	28.78 0.66 0.00	29.01 0.58 0.00	32.34 0.53 0.00	36.81 0.79 0.00	40.74 1.04 0.00	39.91 1.15 0.00	39.21 1.21 0.00	37.56 1.25 0.00	36.58 1.27 0.00	44.18 1.59 0.00	47.44 1.62 0.00	54.25 1.73 0.00	61.96 1.87 0.00	70.72 2.62 0.00	70.56 3.28 0.00	63.24 2.86 0.00	56.60 2.11 0.00	63.39 1.44 0.00	64.60 0.68 0.00	57.94 0.61 0.00	44.90 0.69 0.00
RANKINE____ 23646	42.19 -0.15 0.00	34.32 -0.83 0.00	27.30 -1.04 0.00	27.10 -1.03 0.00	27.12 -1.32 0.00	30.10 -1.71 0.00	33.84 -2.18 0.00	37.63 -2.08 0.00	36.82 -1.94 0.00	36.67 -1.34 0.00	35.39 -0.92 0.00	34.52 -0.79 0.00	41.74 -0.85 0.00	45.32 -0.50 0.00	52.31 -0.21 0.00	59.94 -0.15 0.00	67.50 -0.60 0.00	68.09 0.81 0.00	60.87 0.48 0.00	55.18 0.69 0.00	61.76 -0.20 0.00	64.59 0.67 0.00	58.75 1.43 0.00	45.09 0.87 0.00
RAVENSWOOD_GT2_1 24244	44.06 1.72 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.24 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.82 2.73 0.00	71.69 3.59 0.00	71.48 4.20 0.00	63.98 3.59 0.00	57.20 2.71 0.00	64.00 2.04 0.00	65.18 1.26 0.00	58.44 1.12 0.00	45.40 1.18 0.00
RAVENSWOOD_GT2_2 24245	44.06 1.72 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.24 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.82 2.73 0.00	71.69 3.59 0.00	71.48 4.20 0.00	63.98 3.59 0.00	57.20 2.71 0.00	64.00 2.04 0.00	65.18 1.26 0.00	58.44 1.12 0.00	45.40 1.18 0.00

RAVENSWOOD_GT2_3 24246	44.10 1.76 0.00	36.52 1.37 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.39 0.96 0.00	32.71 0.90 0.00	37.23 1.21 0.00	41.26 1.56 0.00	40.48 1.72 0.00	39.85 1.84 0.00	38.20 1.89 0.00	37.21 1.91 0.00	44.95 2.36 0.00	48.21 2.39 0.00	55.06 2.54 0.00	62.88 2.78 0.00	71.74 3.64 0.00	71.54 4.26 0.00	64.02 3.63 0.00	57.23 2.75 0.00	64.04 2.08 0.00	65.23 1.31 0.00	58.49 1.17 0.00	45.43 1.21 0.00
RAVENSWOOD_GT2_4 24247	44.10 1.76 0.00	36.52 1.37 0.00	29.60 1.26 0.00	29.23 1.11 0.00	29.39 0.96 0.00	32.71 0.90 0.00	37.23 1.21 0.00	41.26 1.56 0.00	40.48 1.72 0.00	39.85 1.84 0.00	38.20 1.89 0.00	37.21 1.91 0.00	44.95 2.36 0.00	48.21 2.39 0.00	55.06 2.54 0.00	62.88 2.78 0.00	71.74 3.64 0.00	71.54 4.26 0.00	64.02 3.63 0.00	57.23 2.75 0.00	64.04 2.08 0.00	65.23 1.31 0.00	58.49 1.17 0.00	45.43 1.21 0.00
RAVENSWOOD_GT3_1 24248	44.07 1.73 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.25 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.92 2.33 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.83 2.74 0.00	71.69 3.60 0.00	71.49 4.22 0.00	63.98 3.59 0.00	57.20 2.71 0.00	64.00 2.04 0.00	65.19 1.26 0.00	58.45 1.12 0.00	45.40 1.18 0.00
RAVENSWOOD_GT3_2 24249	44.07 1.73 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.25 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.92 2.33 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.83 2.74 0.00	71.69 3.60 0.00	71.49 4.22 0.00	63.98 3.59 0.00	57.20 2.71 0.00	64.00 2.04 0.00	65.19 1.26 0.00	58.45 1.12 0.00	45.40 1.18 0.00
RAVENSWOOD_GT3_3 24250	44.14 1.80 0.00	36.57 1.41 0.00	29.64 1.30 0.00	29.26 1.14 0.00	29.42 0.98 0.00	32.75 0.94 0.00	37.28 1.26 0.00	41.32 1.62 0.00	40.54 1.78 0.00	39.90 1.90 0.00	38.25 1.94 0.00	37.27 1.97 0.00	45.01 2.42 0.00	48.27 2.45 0.00	55.15 2.63 0.00	62.97 2.88 0.00	71.85 3.75 0.00	71.67 4.39 0.00	64.13 3.74 0.00	57.32 2.83 0.00	64.15 2.19 0.00	65.32 1.40 0.00	58.57 1.24 0.00	45.49 1.27 0.00
RAVENSWOOD_GT3_4 24251	44.14 1.80 0.00	36.57 1.41 0.00	29.64 1.30 0.00	29.26 1.14 0.00	29.42 0.98 0.00	32.75 0.94 0.00	37.28 1.26 0.00	41.32 1.62 0.00	40.54 1.78 0.00	39.90 1.90 0.00	38.25 1.94 0.00	37.27 1.97 0.00	45.01 2.42 0.00	48.27 2.45 0.00	55.15 2.63 0.00	62.97 2.88 0.00	71.85 3.75 0.00	71.67 4.39 0.00	64.13 3.74 0.00	57.32 2.83 0.00	64.15 2.19 0.00	65.32 1.40 0.00	58.57 1.24 0.00	45.49 1.27 0.00
RAVENSWOOD_GT_1 23729	44.18 1.84 0.00	36.63 1.47 0.00	29.69 1.35 0.00	29.32 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.30 1.28 0.00	41.39 1.68 0.00	40.63 1.87 0.00	39.98 1.97 0.00	38.34 2.03 0.00	37.32 2.02 0.00	45.04 2.45 0.00	48.25 2.43 0.00	55.13 2.61 0.00	62.92 2.83 0.00	71.74 3.65 0.00	71.55 4.27 0.00	63.99 3.61 0.00	57.16 2.67 0.00	63.93 1.97 0.00	65.08 1.16 0.00	58.42 1.09 0.00	45.44 1.23 0.00
RAVENSWOOD_GT_10 24258	44.06 1.72 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.24 1.54 0.00	40.46 1.70 0.00	39.82 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.83 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.02 2.07 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00
RAVENSWOOD_GT_11 24259	44.06 1.72 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.24 1.54 0.00	40.46 1.70 0.00	39.82 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.83 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.02 2.07 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00
RAVENSWOOD_GT_4 24252	44.07 1.73 0.00	36.50 1.35 0.00	29.59 1.25 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.25 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.92 2.33 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.84 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.01 2.05 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00
RAVENSWOOD_GT_5 24254	44.07 1.73 0.00	36.50 1.35 0.00	29.59 1.25 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.25 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.92 2.33 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.84 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.01 2.05 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00
RAVENSWOOD_GT_6 24253	44.07 1.73 0.00	36.50 1.35 0.00	29.59 1.25 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.25 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.92 2.33 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.84 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.01 2.05 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00
RAVENSWOOD_GT_7 24255	44.07 1.73 0.00	36.50 1.35 0.00	29.59 1.25 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.25 1.54 0.00	40.46 1.70 0.00	39.83 1.82 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.92 2.33 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.84 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.01 2.05 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.06 1.72 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.24 1.54 0.00	40.46 1.70 0.00	39.82 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.83 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.02 2.07 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00
RAVENSWOOD_GT_9 24257	44.06 1.72 0.00	36.50 1.35 0.00	29.59 1.24 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.89 0.00	37.22 1.20 0.00	41.24 1.54 0.00	40.46 1.70 0.00	39.82 1.82 0.00	38.17 1.86 0.00	37.19 1.89 0.00	44.91 2.32 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.83 2.74 0.00	71.70 3.61 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.02 2.07 0.00	65.19 1.27 0.00	58.45 1.13 0.00	45.40 1.18 0.00

RAVENSWOOD___1 23533	44.18 1.84 0.00	36.63 1.47 0.00	29.70 1.35 0.00	29.33 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.28 1.26 0.00	41.37 1.66 0.00	40.61 1.85 0.00	39.96 1.96 0.00	38.33 2.02 0.00	37.30 2.00 0.00	45.01 2.42 0.00	48.21 2.39 0.00	55.10 2.58 0.00	62.90 2.81 0.00	71.70 3.61 0.00	71.51 4.23 0.00	63.96 3.57 0.00	57.14 2.66 0.00	63.91 1.95 0.00	65.04 1.12 0.00	58.38 1.05 0.00	45.41 1.19 0.00
RAVENSWOOD___2 23534	44.18 1.84 0.00	36.63 1.47 0.00	29.70 1.35 0.00	29.33 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.28 1.26 0.00	41.35 1.65 0.00	40.60 1.84 0.00	39.96 1.95 0.00	38.32 2.00 0.00	37.28 1.98 0.00	44.98 2.40 0.00	48.20 2.38 0.00	55.07 2.55 0.00	62.88 2.79 0.00	71.68 3.58 0.00	71.49 4.21 0.00	63.95 3.56 0.00	57.11 2.63 0.00	63.88 1.92 0.00	65.02 1.10 0.00	58.37 1.04 0.00	45.38 1.17 0.00
RAVENSWOOD___3 23535	44.07 1.73 0.00	36.50 1.35 0.00	29.59 1.25 0.00	29.22 1.10 0.00	29.38 0.95 0.00	32.70 0.90 0.00	37.22 1.20 0.00	41.25 1.54 0.00	40.46 1.70 0.00	39.83 1.83 0.00	38.18 1.87 0.00	37.19 1.89 0.00	44.92 2.33 0.00	48.18 2.36 0.00	55.03 2.51 0.00	62.84 2.74 0.00	71.70 3.60 0.00	71.50 4.22 0.00	63.99 3.60 0.00	57.20 2.71 0.00	64.01 2.05 0.00	65.19 1.27 0.00	58.44 1.11 0.00	45.40 1.18 0.00
RAVENSWOOD___4 23820	44.18 1.84 0.00	36.63 1.47 0.00	29.70 1.35 0.00	29.33 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.28 1.26 0.00	41.35 1.65 0.00	40.60 1.84 0.00	39.96 1.95 0.00	38.32 2.00 0.00	37.28 1.98 0.00	44.98 2.40 0.00	48.20 2.38 0.00	55.07 2.55 0.00	62.88 2.79 0.00	71.68 3.58 0.00	71.49 4.21 0.00	63.95 3.56 0.00	57.11 2.63 0.00	63.88 1.92 0.00	65.02 1.10 0.00	58.37 1.04 0.00	45.38 1.17 0.00
RCPL_TRUST___DRP 24196	44.05 1.71 0.00	36.49 1.33 0.00	29.58 1.24 0.00	29.20 1.08 0.00	29.36 0.93 0.00	32.71 0.90 0.00	37.22 1.20 0.00	41.25 1.55 0.00	40.48 1.72 0.00	39.87 1.86 0.00	38.22 1.90 0.00	37.23 1.93 0.00	44.97 2.39 0.00	48.23 2.41 0.00	55.08 2.57 0.00	62.89 2.80 0.00	71.75 3.65 0.00	71.54 4.26 0.00	64.02 3.63 0.00	57.21 2.73 0.00	64.02 2.07 0.00	65.19 1.27 0.00	58.43 1.11 0.00	45.40 1.18 0.00
RED___ROCHESTER 323720	42.62 0.28 0.00	35.03 -0.12 0.00	28.04 -0.30 0.00	27.80 -0.32 0.00	27.97 -0.47 0.00	31.18 -0.63 0.00	35.19 -0.83 0.00	38.96 -0.74 0.00	38.06 -0.70 0.00	37.60 -0.41 0.00	36.15 -0.17 0.00	35.22 -0.08 0.00	42.64 0.06 0.00	46.18 0.36 0.00	53.24 0.72 0.00	61.10 1.01 0.00	69.28 1.19 0.00	69.56 2.28 0.00	62.38 1.99 0.00	56.34 1.85 0.00	63.35 1.39 0.00	65.55 1.62 0.00	58.90 1.57 0.00	45.12 0.90 0.00
REGAN___SOLAR 323812	44.73 2.39 0.00	37.08 1.92 0.00	29.91 1.57 0.00	29.63 1.51 0.00	29.93 1.50 0.00	33.51 1.70 0.00	38.07 2.04 0.00	41.80 2.09 0.00	40.19 1.43 0.00	38.88 0.87 0.00	36.79 0.47 0.00	35.54 0.24 0.00	42.88 0.29 0.00	46.17 0.35 0.00	52.95 0.43 0.00	60.81 0.72 0.00	69.64 1.54 0.00	69.93 2.65 0.00	64.01 3.62 0.00	58.55 4.06 0.00	66.53 4.57 0.00	68.60 4.68 0.00	61.34 4.01 0.00	47.13 2.91 0.00
RENSSELAER___COGEN 23796	42.42 0.08 0.00	35.28 0.13 0.00	28.76 0.42 0.00	28.49 0.36 0.00	28.73 0.30 0.00	31.98 0.17 0.00	36.30 0.27 0.00	39.92 0.22 0.00	39.03 0.27 0.00	38.06 0.06 0.00	36.20 -0.11 0.00	35.10 -0.20 0.00	42.18 -0.41 0.00	45.31 -0.51 0.00	51.91 -0.61 0.00	59.19 -0.90 0.00	67.35 -0.75 0.00	67.08 -0.20 0.00	60.49 0.10 0.00	54.41 -0.07 0.00	61.50 -0.46 0.00	62.97 -0.95 0.00	56.38 -0.95 0.00	43.57 -0.65 0.00
REPUBLIC_115KV_BARTNBK 55605	47.16 4.82 0.00	39.11 3.96 0.00	31.53 3.19 0.00	31.31 3.19 0.00	31.59 3.15 0.00	35.37 3.56 0.00	40.33 4.30 0.00	44.78 5.07 0.00	43.48 4.72 0.00	42.17 4.16 0.00	39.26 2.95 0.00	37.91 2.61 0.00	45.63 3.04 0.00	48.82 3.00 0.00	56.40 3.88 0.00	65.34 5.25 0.00	74.95 6.85 0.00	75.04 7.77 0.00	68.24 7.86 0.00	62.48 7.99 0.00	70.04 8.08 0.00	70.82 6.89 0.00	63.26 5.93 0.00	48.15 3.93 0.00
REVERE_CPPR_DRP 24186	43.62 1.28 0.00	36.19 1.03 0.00	29.20 0.86 0.00	29.02 0.90 0.00	29.35 0.92 0.00	32.94 1.13 0.00	37.33 1.31 0.00	41.08 1.37 0.00	39.95 1.19 0.00	39.07 1.06 0.00	37.23 0.92 0.00	36.13 0.83 0.00	43.55 0.96 0.00	47.12 1.30 0.00	54.04 1.52 0.00	61.94 1.84 0.00	70.57 2.47 0.00	70.51 3.23 0.00	63.66 3.27 0.00	57.76 3.27 0.00	65.51 3.55 0.00	67.43 3.51 0.00	60.32 2.99 0.00	46.28 2.06 0.00
REYNLDPA_13_KV_LD 356490	43.10 0.76 0.00	35.77 0.62 0.00	28.61 0.27 0.00	28.43 0.30 0.00	28.84 0.41 0.00	32.50 0.69 0.00	36.79 0.77 0.00	40.59 0.89 0.00	39.62 0.86 0.00	38.89 0.88 0.00	37.22 0.91 0.00	36.20 0.90 0.00	43.65 1.06 0.00	46.94 1.12 0.00	53.79 1.27 0.00	61.55 1.46 0.00	69.31 1.21 0.00	67.57 0.29 0.00	60.40 0.01 0.00	54.66 0.17 0.00	62.88 0.92 0.00	65.56 1.64 0.00	58.87 1.55 0.00	45.39 1.18 0.00
REYNOLDS_115KV_TB3 80639	42.73 0.39 0.00	35.53 0.38 0.00	28.95 0.61 0.00	28.66 0.54 0.00	28.90 0.47 0.00	32.18 0.37 0.00	36.50 0.48 0.00	40.18 0.48 0.00	39.30 0.54 0.00	38.34 0.34 0.00	36.45 0.14 0.00	35.36 0.06 0.00	42.55 -0.04 0.00	45.72 -0.10 0.00	52.36 -0.16 0.00	59.76 -0.33 0.00	68.01 -0.09 0.00	67.76 0.48 0.00	61.09 0.70 0.00	54.97 0.48 0.00	62.09 0.14 0.00	63.57 -0.35 0.00	56.94 -0.39 0.00	44.01 -0.21 0.00
RIVERBAY____ 323610	45.17 2.83 0.00	37.39 2.23 0.00	30.26 1.93 0.00	29.98 1.86 0.00	30.14 1.71 0.00	33.57 1.76 0.00	38.23 2.21 0.00	42.43 2.73 0.00	41.62 2.86 0.00	40.85 2.85 0.00	39.20 2.89 0.00	38.12 2.82 0.00	46.14 3.55 0.00	49.33 3.50 0.00	56.09 3.58 0.00	64.35 4.26 0.00	73.46 5.36 0.00	73.27 5.99 0.00	65.42 5.03 0.00	58.57 4.08 0.00	65.53 3.57 0.00	66.60 2.67 0.00	59.85 2.52 0.00	46.62 2.40 0.00
RIVERSDE_115KV_TB3 55908	42.62 0.28 0.00	35.44 0.29 0.00	28.88 0.54 0.00	28.60 0.48 0.00	28.84 0.41 0.00	32.12 0.31 0.00	36.44 0.41 0.00	40.10 0.40 0.00	39.21 0.45 0.00	38.26 0.26 0.00	36.39 0.08 0.00	35.31 0.01 0.00	42.47 -0.11 0.00	45.64 -0.18 0.00	52.29 -0.23 0.00	59.69 -0.41 0.00	67.92 -0.17 0.00	67.67 0.39 0.00	61.02 0.63 0.00	54.88 0.39 0.00	61.99 0.04 0.00	63.46 -0.46 0.00	56.82 -0.50 0.00	43.91 -0.30 0.00
ROARING___BROOK_WT_PWR 323790	42.03 -0.31 0.00	34.97 -0.18 0.00	28.21 -0.12 0.00	28.08 -0.04 0.00	28.44 0.01 0.00	31.90 0.09 0.00	36.12 0.10 0.00	39.82 0.12 0.00	38.88 0.11 0.00	38.10 0.10 0.00	36.42 0.10 0.00	35.41 0.11 0.00	42.71 0.13 0.00	45.95 0.13 0.00	52.65 0.13 0.00	60.26 0.17 0.00	68.20 0.10 0.00	67.22 -0.06 0.00	60.32 -0.07 0.00	54.44 -0.05 0.00	62.04 0.08 0.00	64.13 0.21 0.00	57.50 0.17 0.00	44.36 0.14 0.00

ROCHESRG_115KV_T4 355643	42.08 -0.26 0.00	34.62 -0.53 0.00	27.73 -0.61 0.00	27.50 -0.62 0.00	27.67 -0.76 0.00	30.83 -0.97 0.00	34.80 -1.22 0.00	38.51 -1.19 0.00	37.62 -1.14 0.00	37.14 -0.86 0.00	35.67 -0.64 0.00	34.74 -0.56 0.00	42.01 -0.57 0.00	45.45 -0.37 0.00	52.35 -0.17 0.00	60.04 -0.06 0.00	68.03 -0.07 0.00	68.22 0.94 0.00	61.20 0.81 0.00	55.30 0.82 0.00	62.25 0.29 0.00	64.47 0.55 0.00	58.00 0.68 0.00	44.50 0.28 0.00
ROCHESTER_9_IC 23652	42.36 0.02 0.00	34.83 -0.32 0.00	27.89 -0.45 0.00	27.66 -0.46 0.00	27.82 -0.61 0.00	31.02 -0.79 0.00	35.01 -1.01 0.00	38.75 -0.95 0.00	37.86 -0.91 0.00	37.39 -0.61 0.00	35.91 -0.40 0.00	34.99 -0.31 0.00	42.34 -0.24 0.00	45.82 0.00 0.00	52.79 0.27 0.00	60.58 0.48 0.00	68.66 0.56 0.00	68.89 1.61 0.00	61.80 1.41 0.00	55.83 1.34 0.00	62.80 0.85 0.00	65.02 1.10 0.00	58.46 1.13 0.00	44.82 0.60 0.00
ROCKVIEW_13_KV_LD 356306	44.09 1.75 0.00	36.50 1.35 0.00	29.58 1.24 0.00	29.21 1.09 0.00	29.37 0.94 0.00	32.73 0.92 0.00	37.24 1.22 0.00	41.25 1.55 0.00	40.44 1.68 0.00	39.79 1.79 0.00	38.14 1.82 0.00	37.17 1.88 0.00	44.91 2.32 0.00	48.19 2.37 0.00	55.07 2.56 0.00	62.92 2.83 0.00	71.82 3.72 0.00	71.65 4.37 0.00	64.16 3.77 0.00	57.39 2.90 0.00	64.23 2.27 0.00	65.42 1.50 0.00	58.64 1.31 0.00	45.47 1.25 0.00
ROME____115KV_TB2 80656	43.62 1.28 0.00	36.19 1.03 0.00	29.20 0.86 0.00	29.02 0.90 0.00	29.35 0.92 0.00	32.94 1.13 0.00	37.33 1.31 0.00	41.08 1.37 0.00	39.95 1.19 0.00	39.07 1.06 0.00	37.23 0.92 0.00	36.13 0.83 0.00	43.55 0.96 0.00	47.12 1.30 0.00	54.04 1.52 0.00	61.94 1.84 0.00	70.57 2.47 0.00	70.51 3.23 0.00	63.66 3.27 0.00	57.76 3.27 0.00	65.51 3.55 0.00	67.43 3.51 0.00	60.32 2.99 0.00	46.28 2.06 0.00
ROSETON___1 23587	43.43 1.09 0.00	36.01 0.86 0.00	29.17 0.83 0.00	28.85 0.73 0.00	29.05 0.61 0.00	32.38 0.57 0.00	36.81 0.79 0.00	40.70 1.00 0.00	39.87 1.10 0.00	39.13 1.13 0.00	37.41 1.10 0.00	36.40 1.10 0.00	43.92 1.34 0.00	47.16 1.34 0.00	53.89 1.37 0.00	61.59 1.50 0.00	70.24 2.14 0.00	70.05 2.77 0.00	62.84 2.45 0.00	56.28 1.80 0.00	63.17 1.21 0.00	64.44 0.51 0.00	57.75 0.43 0.00	44.78 0.56 0.00
ROSETON___2 23588	43.43 1.09 0.00	36.01 0.86 0.00	29.17 0.83 0.00	28.85 0.73 0.00	29.05 0.61 0.00	32.38 0.57 0.00	36.81 0.79 0.00	40.70 1.00 0.00	39.87 1.10 0.00	39.13 1.13 0.00	37.41 1.10 0.00	36.40 1.10 0.00	43.92 1.34 0.00	47.16 1.34 0.00	53.89 1.37 0.00	61.59 1.50 0.00	70.24 2.14 0.00	70.05 2.77 0.00	62.84 2.45 0.00	56.28 1.80 0.00	63.17 1.21 0.00	64.44 0.51 0.00	57.75 0.43 0.00	44.78 0.56 0.00
ROTRRDAM_115KV_TB3 80664	43.18 0.84 0.00	35.87 0.72 0.00	29.06 0.72 0.00	28.80 0.67 0.00	29.06 0.63 0.00	32.43 0.62 0.00	36.78 0.76 0.00	40.51 0.81 0.00	39.50 0.74 0.00	38.62 0.62 0.00	36.74 0.43 0.00	35.67 0.37 0.00	43.02 0.44 0.00	46.26 0.44 0.00	53.03 0.51 0.00	60.67 0.58 0.00	69.06 0.96 0.00	68.75 1.47 0.00	62.04 1.65 0.00	55.94 1.46 0.00	63.26 1.30 0.00	64.88 0.96 0.00	58.13 0.80 0.00	44.86 0.64 0.00
RUSSELL___1 23602	42.62 0.28 0.00	35.03 -0.12 0.00	28.04 -0.30 0.00	27.80 -0.32 0.00	27.97 -0.47 0.00	31.18 -0.63 0.00	35.20 -0.82 0.00	38.96 -0.74 0.00	38.07 -0.70 0.00	37.61 -0.39 0.00	36.14 -0.18 0.00	35.22 -0.08 0.00	42.64 0.06 0.00	46.17 0.35 0.00	53.24 0.72 0.00	61.10 1.01 0.00	69.28 1.19 0.00	69.56 2.28 0.00	62.38 2.00 0.00	56.34 1.85 0.00	63.35 1.39 0.00	65.54 1.62 0.00	58.89 1.57 0.00	45.12 0.90 0.00
RUSSELL___2 23532	42.62 0.28 0.00	35.03 -0.12 0.00	28.04 -0.30 0.00	27.80 -0.32 0.00	27.97 -0.47 0.00	31.18 -0.63 0.00	35.20 -0.82 0.00	38.96 -0.74 0.00	38.07 -0.70 0.00	37.61 -0.39 0.00	36.14 -0.18 0.00	35.22 -0.08 0.00	42.64 0.06 0.00	46.17 0.35 0.00	53.24 0.72 0.00	61.10 1.01 0.00	69.28 1.19 0.00	69.56 2.28 0.00	62.38 2.00 0.00	56.34 1.85 0.00	63.35 1.39 0.00	65.54 1.62 0.00	58.89 1.57 0.00	45.12 0.90 0.00
RUSSELL___3 23549	42.62 0.28 0.00	35.03 -0.12 0.00	28.04 -0.30 0.00	27.80 -0.32 0.00	27.97 -0.47 0.00	31.18 -0.63 0.00	35.20 -0.82 0.00	38.96 -0.74 0.00	38.07 -0.70 0.00	37.61 -0.39 0.00	36.14 -0.18 0.00	35.22 -0.08 0.00	42.64 0.06 0.00	46.17 0.35 0.00	53.24 0.72 0.00	61.10 1.01 0.00	69.28 1.19 0.00	69.56 2.28 0.00	62.38 2.00 0.00	56.34 1.85 0.00	63.35 1.39 0.00	65.54 1.62 0.00	58.89 1.57 0.00	45.12 0.90 0.00
RUSSELL___4 23556	42.62 0.28 0.00	35.03 -0.12 0.00	28.04 -0.30 0.00	27.80 -0.32 0.00	27.97 -0.47 0.00	31.18 -0.63 0.00	35.20 -0.82 0.00	38.96 -0.74 0.00	38.07 -0.70 0.00	37.61 -0.39 0.00	36.14 -0.18 0.00	35.22 -0.08 0.00	42.64 0.06 0.00	46.17 0.35 0.00	53.24 0.72 0.00	61.10 1.01 0.00	69.28 1.19 0.00	69.56 2.28 0.00	62.38 2.00 0.00	56.34 1.85 0.00	63.35 1.39 0.00	65.54 1.62 0.00	58.89 1.57 0.00	45.12 0.90 0.00
RUSSELL___STATION 23914	42.62 0.28 0.00	35.03 -0.12 0.00	28.04 -0.30 0.00	27.80 -0.32 0.00	27.97 -0.47 0.00	31.18 -0.63 0.00	35.20 -0.82 0.00	38.96 -0.74 0.00	38.07 -0.70 0.00	37.61 -0.39 0.00	36.14 -0.18 0.00	35.22 -0.08 0.00	42.64 0.06 0.00	46.17 0.35 0.00	53.24 0.72 0.00	61.10 1.01 0.00	69.28 1.19 0.00	69.56 2.28 0.00	62.38 2.00 0.00	56.34 1.85 0.00	63.35 1.39 0.00	65.54 1.62 0.00	58.89 1.57 0.00	45.12 0.90 0.00
S SALMON___HYD 24043	42.04 -0.30 0.00	34.96 -0.19 0.00	28.22 -0.12 0.00	28.09 -0.03 0.00	28.44 0.01 0.00	31.90 0.09 0.00	36.04 0.01 0.00	39.68 -0.02 0.00	38.61 -0.15 0.00	37.81 -0.19 0.00	36.05 -0.26 0.00	34.92 -0.38 0.00	42.05 -0.53 0.00	45.34 -0.47 0.00	51.99 -0.53 0.00	59.41 -0.68 0.00	67.48 -0.62 0.00	67.28 0.00 0.00	60.72 0.33 0.00	55.22 0.73 0.00	62.79 0.83 0.00	64.93 1.01 0.00	58.19 0.86 0.00	44.64 0.43 0.00
S.PERRY__115KV_TB1 80734	43.82 1.48 0.00	35.87 0.72 0.00	28.69 0.35 0.00	28.47 0.35 0.00	28.59 0.16 0.00	31.92 0.11 0.00	36.15 0.13 0.00	39.93 0.23 0.00	38.66 -0.11 0.00	37.84 -0.16 0.00	36.07 -0.24 0.00	34.60 -0.69 0.00	41.50 -1.08 0.00	45.02 -0.81 0.00	51.95 -0.57 0.00	59.67 -0.42 0.00	67.83 -0.27 0.00	68.29 1.02 0.00	61.58 1.19 0.00	56.13 1.64 0.00	63.33 1.37 0.00	65.70 1.78 0.00	59.06 1.74 0.00	45.17 0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.85 -0.49 0.00	34.06 -1.09 0.00	27.08 -1.25 0.00	26.88 -1.24 0.00	26.89 -1.54 0.00	29.82 -1.99 0.00	33.50 -2.52 0.00	37.24 -2.46 0.00	36.46 -2.31 0.00	36.30 -1.71 0.00	35.03 -1.28 0.00	34.16 -1.14 0.00	41.31 -1.27 0.00	44.81 -1.01 0.00	51.70 -0.82 0.00	59.20 -0.89 0.00	66.63 -1.47 0.00	67.24 -0.04 0.00	60.13 -0.26 0.00	54.54 0.06 0.00	61.08 -0.87 0.00	63.99 0.07 0.00	58.23 0.90 0.00	44.72 0.50 0.00

SAWYER___23_KV_LOAD 55526	41.85 -0.49 0.00	34.06 -1.09 0.00	27.08 -1.25 0.00	26.88 -1.24 0.00	26.89 -1.54 0.00	29.82 -1.99 0.00	33.50 -2.52 0.00	37.24 -2.46 0.00	36.46 -2.31 0.00	36.30 -1.71 0.00	35.03 -1.28 0.00	34.16 -1.14 0.00	41.31 -1.27 0.00	44.81 -1.01 0.00	51.70 -0.82 0.00	59.20 -0.89 0.00	66.63 -1.47 0.00	67.24 -0.04 0.00	60.13 -0.26 0.00	54.54 0.06 0.00	61.08 -0.87 0.00	63.99 0.07 0.00	58.23 0.90 0.00	44.72 0.50 0.00
SELKIRK___I 23801	42.88 0.54 0.00	35.66 0.51 0.00	29.02 0.68 0.00	28.77 0.65 0.00	29.01 0.58 0.00	32.33 0.52 0.00	36.64 0.62 0.00	40.25 0.54 0.00	39.24 0.48 0.00	38.25 0.25 0.00	36.33 0.02 0.00	35.19 -0.11 0.00	42.31 -0.28 0.00	45.45 -0.38 0.00	51.96 -0.56 0.00	36.79 -1.49 21.81	52.81 -1.66 13.63	66.00 -1.28 0.00	59.67 -0.72 0.00	53.77 -0.72 0.00	60.85 -1.11 0.00	62.41 -1.51 0.00	55.89 -1.44 0.00	43.21 -1.01 0.00
SELKIRK___II 23799	42.62 0.28 0.00	35.43 0.28 0.00	28.84 0.50 0.00	28.57 0.45 0.00	28.81 0.38 0.00	32.09 0.28 0.00	36.40 0.38 0.00	40.06 0.36 0.00	39.14 0.38 0.00	38.23 0.22 0.00	36.33 0.02 0.00	35.17 -0.13 0.00	42.23 -0.35 0.00	45.34 -0.48 0.00	51.91 -0.61 0.00	-19.85 -0.96 78.98	17.85 -0.90 49.35	66.85 -0.43 0.00	60.25 -0.13 0.00	54.22 -0.26 0.00	61.30 -0.66 0.00	62.85 -1.07 0.00	56.29 -1.04 0.00	43.53 -0.69 0.00
SENECA OSWGO___HYD 24041	41.46 -0.88 0.00	34.45 -0.70 0.00	27.79 -0.55 0.00	27.57 -0.55 0.00	27.82 -0.61 0.00	31.11 -0.70 0.00	35.17 -0.85 0.00	38.74 -0.96 0.00	37.78 -0.97 0.00	37.07 -0.93 0.00	35.44 -0.87 0.00	34.42 -0.88 0.00	41.54 -1.05 0.00	44.75 -1.07 0.00	51.36 -1.16 0.00	58.83 -1.27 0.00	66.87 -1.23 0.00	66.57 -0.70 0.00	59.92 -0.47 0.00	54.09 -0.39 0.00	61.20 -0.76 0.00	62.96 -0.96 0.00	56.38 -0.95 0.00	43.37 -0.85 0.00
SENECA___115KV_TB3 355854	42.27 -0.07 0.00	34.38 -0.77 0.00	27.35 -0.99 0.00	27.14 -0.99 0.00	27.16 -1.27 0.00	30.15 -1.66 0.00	33.89 -2.13 0.00	37.70 -2.01 0.00	36.89 -1.87 0.00	36.72 -1.28 0.00	35.45 -0.86 0.00	34.58 -0.72 0.00	41.82 -0.76 0.00	45.41 -0.41 0.00	52.42 -0.10 0.00	60.09 0.00 0.00	67.65 -0.45 0.00	68.25 0.97 0.00	61.00 0.62 0.00	55.30 0.81 0.00	61.90 -0.06 0.00	64.73 0.80 0.00	58.87 1.54 0.00	45.17 0.95 0.00
SENECA___ENERGY 23797	42.29 -0.05 0.00	34.92 -0.23 0.00	28.07 -0.27 0.00	27.84 -0.28 0.00	28.05 -0.38 0.00	31.35 -0.46 0.00	35.42 -0.60 0.00	39.10 -0.60 0.00	38.11 -0.65 0.00	37.42 -0.58 0.00	35.86 -0.45 0.00	34.88 -0.42 0.00	42.09 -0.50 0.00	45.41 -0.41 0.00	52.23 -0.29 0.00	59.98 -0.11 0.00	68.16 0.06 0.00	68.36 1.08 0.00	61.57 1.18 0.00	55.64 1.15 0.00	62.63 0.67 0.00	64.62 0.69 0.00	57.96 0.63 0.00	44.45 0.23 0.00
SHOEMAKER___GT 23640	43.35 1.01 0.00	35.89 0.74 0.00	29.01 0.66 0.00	28.71 0.59 0.00	28.94 0.51 0.00	32.28 0.47 0.00	36.69 0.66 0.00	40.55 0.84 0.00	39.65 0.89 0.00	38.89 0.88 0.00	37.18 0.87 0.00	36.19 0.89 0.00	43.67 1.09 0.00	46.94 1.12 0.00	53.73 1.21 0.00	61.45 1.36 0.00	70.13 2.03 0.00	70.04 2.76 0.00	62.90 2.51 0.00	56.45 1.96 0.00	63.41 1.45 0.00	64.76 0.84 0.00	58.03 0.70 0.00	44.89 0.67 0.00
SHOEMAKR_138KV_BK 111 55601	43.33 0.99 0.00	35.87 0.72 0.00	28.99 0.65 0.00	28.70 0.58 0.00	28.92 0.49 0.00	32.26 0.46 0.00	36.67 0.64 0.00	40.53 0.83 0.00	39.65 0.89 0.00	38.91 0.91 0.00	37.21 0.89 0.00	36.22 0.92 0.00	43.72 1.13 0.00	46.98 1.16 0.00	53.77 1.25 0.00	61.50 1.41 0.00	70.17 2.07 0.00	70.04 2.76 0.00	62.87 2.48 0.00	56.40 1.91 0.00	63.34 1.39 0.00	64.70 0.78 0.00	57.98 0.65 0.00	44.85 0.64 0.00
SHOREHAM_IC_1 23715	43.55 1.21 0.00	36.08 0.92 0.00	29.29 0.95 0.00	28.88 0.76 0.00	29.04 0.61 0.00	32.21 0.40 0.00	36.54 0.52 0.00	40.58 0.88 0.00	39.92 1.15 0.00	39.27 1.26 0.00	37.88 1.57 0.00	37.25 1.95 0.00	45.05 2.43 -0.03	47.77 1.95 0.00	54.39 1.88 0.00	62.15 2.06 0.00	71.45 3.36 0.00	71.57 4.30 0.00	63.62 3.23 0.00	56.25 1.76 0.00	62.28 0.51 0.19	57.49 -0.29 6.14	22.10 -0.14 35.09	44.33 0.12 0.00
SHOREHAM_IC_2 23716	43.55 1.21 0.00	36.08 0.92 0.00	29.28 0.95 0.00	28.88 0.76 0.00	29.04 0.61 0.00	32.21 0.40 0.00	36.53 0.51 0.00	40.58 0.88 0.00	39.91 1.15 0.00	39.26 1.26 0.00	37.88 1.57 0.00	37.26 1.96 0.00	45.05 2.43 -0.03	47.79 1.97 0.00	54.39 1.88 0.00	62.16 2.07 0.00	71.45 3.36 0.00	71.57 4.30 0.00	63.62 3.23 0.00	56.25 1.77 0.00	62.29 0.52 0.19	57.52 -0.27 6.14	22.14 -0.10 35.09	44.33 0.12 0.00
SISSONVILLE____ 23735	43.71 1.37 0.00	36.29 1.14 0.00	28.88 0.54 0.00	28.75 0.62 0.00	29.21 0.78 0.00	33.14 1.33 0.00	37.52 1.50 0.00	41.34 1.64 0.00	40.19 1.43 0.00	39.32 1.31 0.00	37.60 1.29 0.00	36.54 1.24 0.00	44.03 1.44 0.00	47.37 1.55 0.00	54.09 1.57 0.00	61.55 1.46 0.00	68.75 0.65 0.00	67.23 -0.05 0.00	60.26 -0.12 0.00	54.85 0.36 0.00	63.36 1.40 0.00	66.68 2.76 0.00	60.17 2.84 0.00	46.45 2.23 0.00
SITHE_IND_GS1 24169	40.94 -1.40 0.00	34.06 -1.09 0.00	27.48 -0.86 0.00	27.27 -0.85 0.00	27.52 -0.91 0.00	30.76 -1.05 0.00	34.74 -1.28 0.00	38.23 -1.47 0.00	37.30 -1.46 0.00	36.61 -1.40 0.00	35.01 -1.30 0.00	34.03 -1.27 0.00	41.08 -1.50 0.00	44.22 -1.60 0.00	50.74 -1.78 0.00	58.11 -1.98 0.00	65.90 -2.19 0.00	65.50 -1.78 0.00	58.87 -1.53 0.00	53.12 -1.37 0.00	60.12 -1.83 0.00	61.95 -1.97 0.00	55.56 -1.77 0.00	42.80 -1.42 0.00
SITHE_IND_GS2 24170	40.94 -1.40 0.00	34.06 -1.09 0.00	27.48 -0.86 0.00	27.27 -0.85 0.00	27.52 -0.91 0.00	30.76 -1.05 0.00	34.74 -1.28 0.00	38.23 -1.47 0.00	37.30 -1.46 0.00	36.61 -1.40 0.00	35.01 -1.30 0.00	34.03 -1.27 0.00	41.08 -1.50 0.00	44.22 -1.60 0.00	50.74 -1.78 0.00	58.11 -1.98 0.00	65.90 -2.19 0.00	65.50 -1.78 0.00	58.87 -1.53 0.00	53.12 -1.37 0.00	60.12 -1.83 0.00	61.95 -1.97 0.00	55.56 -1.77 0.00	42.80 -1.42 0.00
SITHE_IND_GS3 24171	40.94 -1.40 0.00	34.06 -1.09 0.00	27.48 -0.86 0.00	27.27 -0.85 0.00	27.52 -0.91 0.00	30.76 -1.05 0.00	34.74 -1.28 0.00	38.23 -1.47 0.00	37.30 -1.46 0.00	36.61 -1.40 0.00	35.01 -1.30 0.00	34.03 -1.27 0.00	41.08 -1.50 0.00	44.22 -1.60 0.00	50.74 -1.78 0.00	58.11 -1.98 0.00	65.90 -2.19 0.00	65.50 -1.78 0.00	58.87 -1.53 0.00	53.12 -1.37 0.00	60.12 -1.83 0.00	61.95 -1.97 0.00	55.56 -1.77 0.00	42.80 -1.42 0.00
SITHE_IND_GS4 24172	40.94 -1.40 0.00	34.06 -1.09 0.00	27.48 -0.86 0.00	27.27 -0.85 0.00	27.52 -0.91 0.00	30.76 -1.05 0.00	34.74 -1.28 0.00	38.23 -1.47 0.00	37.30 -1.46 0.00	36.61 -1.40 0.00	35.01 -1.30 0.00	34.03 -1.27 0.00	41.08 -1.50 0.00	44.22 -1.60 0.00	50.74 -1.78 0.00	58.11 -1.98 0.00	65.90 -2.19 0.00	65.50 -1.78 0.00	58.87 -1.53 0.00	53.12 -1.37 0.00	60.12 -1.83 0.00	61.95 -1.97 0.00	55.56 -1.77 0.00	42.80 -1.42 0.00

SITHE___BATAVIA 24024	42.94 0.60 0.00	35.03 -0.12 0.00	27.89 -0.45 0.00	27.68 -0.44 0.00	27.76 -0.67 0.00	30.87 -0.93 0.00	34.80 -1.22 0.00	38.63 -1.07 0.00	37.67 -1.10 0.00	37.21 -0.79 0.00	35.80 -0.51 0.00	34.85 -0.45 0.00	42.12 -0.47 0.00	45.69 -0.13 0.00	52.72 0.20 0.00	60.51 0.42 0.00	68.45 0.35 0.00	69.52 2.24 0.00	62.37 1.98 0.00	56.61 2.13 0.00	63.62 1.66 0.00	66.28 2.36 0.00	60.09 2.77 0.00	46.02 1.80 0.00
SITHE___INDEPEND 23800	40.94 -1.40 0.00	34.06 -1.09 0.00	27.48 -0.87 0.00	27.27 -0.85 0.00	27.52 -0.91 0.00	30.76 -1.05 0.00	34.74 -1.28 0.00	38.23 -1.47 0.00	37.30 -1.46 0.00	36.61 -1.39 0.00	35.01 -1.31 0.00	34.03 -1.27 0.00	41.08 -1.50 0.00	44.22 -1.60 0.00	50.74 -1.78 0.00	58.10 -1.99 0.00	65.90 -2.19 0.00	65.50 -1.78 0.00	58.86 -1.53 0.00	53.12 -1.37 0.00	60.12 -1.83 0.00	61.95 -1.97 0.00	55.56 -1.77 0.00	42.80 -1.42 0.00
SITHE___MASSENA 23902	43.34 1.00 0.00	35.96 0.81 0.00	28.65 0.31 0.00	28.48 0.35 0.00	28.90 0.47 0.00	32.69 0.88 0.00	37.02 0.99 0.00	40.83 1.12 0.00	39.81 1.05 0.00	39.04 1.04 0.00	37.37 1.05 0.00	36.33 1.03 0.00	43.82 1.23 0.00	47.12 1.30 0.00	53.97 1.45 0.00	61.70 1.61 0.00	69.19 1.09 0.00	67.49 0.21 0.00	60.33 -0.06 0.00	54.70 0.21 0.00	62.97 1.01 0.00	65.92 2.00 0.00	59.28 1.95 0.00	45.71 1.49 0.00
SITHE___OGDNSBRG 24021	44.36 2.02 0.00	36.81 1.66 0.00	29.28 0.94 0.00	29.11 0.99 0.00	29.59 1.16 0.00	33.55 1.74 0.00	38.01 1.99 0.00	41.80 2.09 0.00	40.41 1.65 0.00	39.44 1.43 0.00	37.69 1.38 0.00	36.63 1.33 0.00	44.17 1.58 0.00	47.52 1.70 0.00	54.36 1.84 0.00	62.08 1.99 0.00	69.50 1.40 0.00	68.11 0.83 0.00	61.11 0.72 0.00	55.85 1.36 0.00	64.69 2.73 0.00	67.96 4.03 0.00	61.13 3.80 0.00	47.07 2.85 0.00
SITHE___STERLING 23777	43.24 0.90 0.00	35.86 0.70 0.00	28.93 0.59 0.00	28.73 0.61 0.00	29.02 0.59 0.00	32.52 0.72 0.00	36.85 0.83 0.00	40.56 0.86 0.00	39.47 0.71 0.00	38.62 0.61 0.00	36.84 0.52 0.00	35.77 0.47 0.00	43.14 0.56 0.00	46.64 0.82 0.00	53.49 0.97 0.00	61.32 1.23 0.00	69.80 1.70 0.00	69.64 2.36 0.00	62.84 2.45 0.00	56.94 2.45 0.00	64.49 2.53 0.00	66.34 2.42 0.00	59.35 2.02 0.00	45.57 1.36 0.00
SLEIGHT__34_KV_TB1 80719	42.04 -0.31 0.00	34.69 -0.46 0.00	27.82 -0.52 0.00	27.60 -0.52 0.00	27.80 -0.63 0.00	31.05 -0.76 0.00	35.07 -0.95 0.00	38.74 -0.96 0.00	37.77 -0.99 0.00	37.16 -0.84 0.00	35.62 -0.69 0.00	34.69 -0.61 0.00	41.97 -0.61 0.00	45.38 -0.44 0.00	52.27 -0.25 0.00	59.98 -0.11 0.00	68.09 -0.01 0.00	68.25 0.98 0.00	61.40 1.02 0.00	55.47 0.98 0.00	62.43 0.47 0.00	64.48 0.56 0.00	57.84 0.51 0.00	44.35 0.13 0.00
SMITHTWN_69_KV_BK 1 55830	44.15 1.81 0.00	36.58 1.43 0.00	29.67 1.33 0.00	29.26 1.13 0.00	29.41 0.98 0.00	32.66 0.85 0.00	37.03 1.01 0.00	41.11 1.40 0.00	40.46 1.70 0.00	39.84 1.84 0.00	38.48 2.17 0.00	37.81 2.51 0.00	45.74 3.12 -0.03	48.55 2.73 0.00	55.29 2.77 0.00	62.98 2.89 0.00	72.28 4.19 0.00	72.35 5.07 0.00	64.19 3.80 0.00	56.86 2.37 0.00	62.88 1.11 0.18	58.23 0.40 6.10	22.93 0.51 34.90	44.92 0.70 0.00
SOUTH CAIRO___GT 23612	43.89 1.56 0.00	36.42 1.26 0.00	29.63 1.29 0.00	29.36 1.24 0.00	29.61 1.18 0.00	33.01 1.21 0.00	37.50 1.48 0.00	41.23 1.53 0.00	40.09 1.33 0.00	38.86 0.85 0.00	36.75 0.44 0.00	35.53 0.23 0.00	42.68 0.10 0.00	45.92 0.10 0.00	52.72 0.20 0.00	32.55 0.22 27.76	51.43 0.68 17.35	68.88 1.60 0.00	62.76 2.38 0.00	56.77 2.28 0.00	64.26 2.31 0.00	65.81 1.89 0.00	58.62 1.29 0.00	45.06 0.84 0.00
SOUTH HAMPTN___IC 23720	44.75 2.41 0.00	37.00 1.85 0.00	30.01 1.67 0.00	29.60 1.48 0.00	29.76 1.33 0.00	33.03 1.23 0.00	37.50 1.47 0.00	41.69 1.99 0.00	41.07 2.31 0.00	40.49 2.48 0.00	39.11 2.79 0.00	38.59 3.29 0.00	46.74 4.12 -0.03	49.64 3.82 0.00	56.45 3.93 0.00	64.52 4.42 0.00	74.20 6.11 0.00	74.37 7.09 0.00	66.03 5.64 0.00	58.29 3.80 0.00	64.43 2.66 0.19	59.84 2.07 6.15	24.12 1.93 35.13	45.79 1.57 0.00
SOUTHDOW_115KV_TB1 355954	43.32 0.98 0.00	35.15 0.00 0.00	28.00 -0.34 0.00	27.82 -0.30 0.00	27.85 -0.59 0.00	31.04 -0.77 0.00	35.37 -0.65 0.00	39.60 -0.11 0.00	38.67 -0.09 0.00	38.52 0.52 0.00	37.20 0.89 0.00	36.28 0.98 0.00	43.89 1.31 0.00	47.75 1.93 0.00	55.02 2.50 0.00	62.90 2.81 0.00	70.62 2.52 0.00	70.78 3.50 0.00	63.00 2.61 0.00	57.06 2.57 0.00	63.69 1.73 0.00	66.27 2.35 0.00	60.36 3.04 0.00	46.24 2.02 0.00
SOUTHOLD_69_KV_BK 2 55809	45.53 3.20 0.00	37.62 2.47 0.00	30.49 2.15 0.00	30.08 1.96 0.00	30.25 1.82 0.00	33.59 1.78 0.00	38.14 2.12 0.00	42.43 2.73 0.00	41.84 3.08 0.00	41.22 3.22 0.00	39.83 3.52 0.00	39.41 4.11 0.00	47.73 5.12 -0.03	50.72 4.90 0.00	56.90 4.38 0.00	64.86 4.77 0.00	74.68 6.59 0.00	74.92 7.65 0.00	66.52 6.14 0.00	58.60 4.11 0.00	64.85 3.08 0.19	61.37 3.59 6.15	25.53 3.33 35.13	46.75 2.53 0.00
SOUTHOLD___IC 23719	45.53 3.19 0.00	37.62 2.47 0.00	30.49 2.15 0.00	30.08 1.96 0.00	30.25 1.82 0.00	33.59 1.78 0.00	38.14 2.12 0.00	42.43 2.73 0.00	41.84 3.08 0.00	41.22 3.22 0.00	39.83 3.52 0.00	39.41 4.11 0.00	47.72 5.11 -0.03	50.71 4.89 0.00	56.90 4.38 0.00	64.86 4.76 0.00	74.69 6.59 0.00	74.92 7.64 0.00	66.52 6.14 0.00	58.60 4.11 0.00	64.84 3.07 0.19	61.36 3.59 6.15	25.48 3.29 35.13	46.74 2.52 0.00
SOUTH_FORK_WT_PWR 323839	45.80 3.46 0.00	37.82 2.67 0.00	30.67 2.33 0.00	30.26 2.14 0.00	30.43 2.00 0.00	33.78 1.98 0.00	38.39 2.36 0.00	42.70 3.00 0.00	42.11 3.34 0.00	41.46 3.45 0.00	40.06 3.74 0.00	39.70 4.40 0.00	48.07 5.45 -0.03	51.05 5.23 0.00	57.72 5.20 0.00	65.91 5.82 0.00	75.91 7.81 0.00	76.14 8.86 0.00	67.63 7.24 0.00	59.58 5.10 0.00	65.84 4.07 0.19	61.80 4.02 6.15	25.91 3.72 35.13	47.04 2.82 0.00
SPIERFLS_115KV_TB 1 80737	44.10 1.76 0.00	36.64 1.49 0.00	29.63 1.29 0.00	29.36 1.24 0.00	29.65 1.22 0.00	33.09 1.29 0.00	37.61 1.59 0.00	41.45 1.75 0.00	40.44 1.68 0.00	39.37 1.36 0.00	36.97 0.65 0.00	35.80 0.49 0.00	43.11 0.52 0.00	46.39 0.56 0.00	53.33 0.81 0.00	61.29 1.20 0.00	70.11 2.02 0.00	70.15 2.88 0.00	63.94 3.55 0.00	57.76 3.27 0.00	65.21 3.25 0.00	66.53 2.61 0.00	59.44 2.11 0.00	45.64 1.42 0.00
ST LAWRENCE____ 23600	42.60 0.26 0.00	35.37 0.21 0.00	28.32 -0.03 0.00	28.13 0.01 0.00	28.53 0.10 0.00	32.10 0.29 0.00	36.34 0.32 0.00	40.10 0.40 0.00	39.16 0.40 0.00	38.42 0.42 0.00	36.77 0.45 0.00	35.76 0.46 0.00	43.14 0.55 0.00	46.39 0.57 0.00	53.14 0.62 0.00	60.82 0.73 0.00	68.56 0.46 0.00	66.88 -0.39 0.00	59.79 -0.60 0.00	54.10 -0.39 0.00	62.19 0.23 0.00	64.75 0.83 0.00	58.11 0.79 0.00	44.82 0.61 0.00

STATE_CA_115KV_115_LB 55624	42.70 0.36 0.00	35.49 0.34 0.00	28.93 0.59 0.00	28.64 0.51 0.00	28.88 0.45 0.00	32.16 0.36 0.00	36.50 0.48 0.00	40.18 0.48 0.00	39.28 0.52 0.00	38.34 0.33 0.00	36.48 0.17 0.00	35.41 0.10 0.00	42.59 0.00 0.00	45.79 -0.03 0.00	52.48 -0.04 0.00	59.92 -0.17 0.00	68.22 0.12 0.00	67.97 0.69 0.00	61.26 0.87 0.00	55.10 0.61 0.00	62.22 0.26 0.00	63.70 -0.22 0.00	57.00 -0.33 0.00	44.03 -0.19 0.00
STATE_ST_34_KV_LOAD 55959	42.55 0.21 0.00	35.22 0.06 0.00	28.36 0.03 0.00	28.15 0.03 0.00	28.39 -0.04 0.00	31.75 -0.06 0.00	35.76 -0.26 0.00	39.39 -0.32 0.00	38.37 -0.39 0.00	37.63 -0.38 0.00	35.97 -0.34 0.00	34.97 -0.33 0.00	42.33 -0.25 0.00	45.69 -0.13 0.00	52.53 0.01 0.00	60.24 0.15 0.00	68.43 0.33 0.00	68.48 1.20 0.00	61.70 1.32 0.00	55.84 1.35 0.00	62.74 0.79 0.00	64.81 0.89 0.00	58.08 0.75 0.00	44.62 0.40 0.00
STATION_5_MISC_HYD 23604	42.36 0.02 0.00	34.83 -0.32 0.00	27.89 -0.45 0.00	27.66 -0.46 0.00	27.82 -0.61 0.00	31.02 -0.79 0.00	35.00 -1.02 0.00	38.75 -0.95 0.00	37.85 -0.91 0.00	37.38 -0.63 0.00	35.91 -0.40 0.00	34.99 -0.32 0.00	42.34 -0.24 0.00	45.82 0.00 0.00	52.79 0.27 0.00	60.59 0.49 0.00	68.66 0.56 0.00	68.89 1.61 0.00	61.80 1.41 0.00	55.83 1.34 0.00	62.80 0.85 0.00	65.02 1.10 0.00	58.47 1.14 0.00	44.82 0.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.24 -0.10 0.00	34.81 -0.34 0.00	27.93 -0.41 0.00	27.70 -0.42 0.00	27.90 -0.54 0.00	31.14 -0.66 0.00	35.19 -0.84 0.00	38.91 -0.80 0.00	37.95 -0.82 0.00	37.37 -0.63 0.00	35.84 -0.47 0.00	34.88 -0.42 0.00	42.14 -0.45 0.00	45.56 -0.26 0.00	52.46 -0.06 0.00	60.27 0.18 0.00	68.42 0.32 0.00	68.61 1.33 0.00	61.65 1.26 0.00	55.69 1.20 0.00	62.69 0.73 0.00	64.76 0.84 0.00	58.13 0.80 0.00	44.57 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.13 -0.22 0.00	34.66 -0.50 0.00	27.76 -0.58 0.00	27.53 -0.59 0.00	27.70 -0.73 0.00	30.89 -0.92 0.00	34.88 -1.15 0.00	38.60 -1.11 0.00	37.71 -1.05 0.00	37.21 -0.80 0.00	35.73 -0.58 0.00	34.81 -0.49 0.00	42.13 -0.45 0.00	45.59 -0.23 0.00	52.52 0.00 0.00	60.28 0.19 0.00	68.36 0.26 0.00	68.54 1.27 0.00	61.48 1.09 0.00	55.52 1.03 0.00	62.46 0.50 0.00	64.62 0.70 0.00	58.07 0.74 0.00	44.53 0.30 0.00
STA_56___34_KV_BUS2 355983	42.13 -0.22 0.00	34.66 -0.50 0.00	27.76 -0.58 0.00	27.53 -0.59 0.00	27.70 -0.73 0.00	30.89 -0.92 0.00	34.88 -1.15 0.00	38.60 -1.11 0.00	37.71 -1.05 0.00	37.21 -0.80 0.00	35.73 -0.58 0.00	34.81 -0.49 0.00	42.13 -0.45 0.00	45.59 -0.23 0.00	52.52 0.00 0.00	60.28 0.19 0.00	68.36 0.26 0.00	68.54 1.27 0.00	61.48 1.09 0.00	55.52 1.03 0.00	62.46 0.50 0.00	64.62 0.70 0.00	58.07 0.74 0.00	44.53 0.30 0.00
STA_67___115KV_BK2 355882	42.25 -0.09 0.00	34.75 -0.40 0.00	27.82 -0.52 0.00	27.60 -0.52 0.00	27.76 -0.67 0.00	30.94 -0.87 0.00	34.93 -1.09 0.00	38.66 -1.05 0.00	37.76 -1.00 0.00	37.29 -0.71 0.00	35.81 -0.50 0.00	34.88 -0.42 0.00	42.21 -0.38 0.00	45.67 -0.15 0.00	52.61 0.09 0.00	60.35 0.25 0.00	68.39 0.29 0.00	68.62 1.34 0.00	61.55 1.17 0.00	55.62 1.13 0.00	62.59 0.63 0.00	64.80 0.88 0.00	58.28 0.95 0.00	44.69 0.48 0.00
STA_7___115KV_9TRANS 80674	42.62 0.28 0.00	35.03 -0.12 0.00	28.04 -0.30 0.00	27.80 -0.32 0.00	27.97 -0.47 0.00	31.18 -0.63 0.00	35.20 -0.82 0.00	38.96 -0.74 0.00	38.07 -0.70 0.00	37.61 -0.39 0.00	36.14 -0.18 0.00	35.22 -0.08 0.00	42.64 0.06 0.00	46.17 0.35 0.00	53.24 0.72 0.00	61.10 1.01 0.00	69.28 1.19 0.00	69.56 2.28 0.00	62.38 2.00 0.00	56.34 1.85 0.00	63.35 1.39 0.00	65.54 1.62 0.00	58.89 1.57 0.00	45.12 0.90 0.00
STA_82___115KV_TB1 80780	42.26 -0.08 0.00	34.76 -0.40 0.00	27.82 -0.52 0.00	27.60 -0.52 0.00	27.76 -0.67 0.00	30.95 -0.85 0.00	34.94 -1.09 0.00	38.67 -1.04 0.00	37.77 -0.99 0.00	37.29 -0.71 0.00	35.81 -0.50 0.00	34.88 -0.42 0.00	42.20 -0.38 0.00	45.66 -0.16 0.00	52.61 0.08 0.00	60.35 0.25 0.00	68.39 0.29 0.00	68.62 1.35 0.00	61.57 1.18 0.00	55.63 1.15 0.00	62.61 0.65 0.00	64.82 0.90 0.00	58.29 0.96 0.00	44.72 0.50 0.00
STEEL___WIND 323596	42.22 -0.12 0.00	34.35 -0.80 0.00	27.32 -1.02 0.00	27.11 -1.01 0.00	27.14 -1.29 0.00	30.12 -1.69 0.00	33.85 -2.18 0.00	37.66 -2.04 0.00	36.85 -1.92 0.00	36.67 -1.34 0.00	35.43 -0.88 0.00	34.53 -0.77 0.00	41.76 -0.83 0.00	45.35 -0.47 0.00	52.35 -0.17 0.00	60.00 -0.09 0.00	67.58 -0.52 0.00	68.13 0.86 0.00	60.91 0.52 0.00	55.22 0.73 0.00	61.81 -0.15 0.00	64.65 0.73 0.00	58.80 1.47 0.00	45.11 0.89 0.00
STEPHTWN_115KV_BK_2 55603	42.85 0.51 0.00	35.59 0.43 0.00	28.96 0.62 0.00	28.68 0.55 0.00	28.96 0.53 0.00	32.27 0.46 0.00	36.66 0.63 0.00	40.34 0.64 0.00	39.47 0.71 0.00	38.45 0.45 0.00	36.56 0.25 0.00	35.46 0.16 0.00	42.66 0.08 0.00	45.89 0.07 0.00	52.60 0.08 0.00	60.00 -0.09 0.00	68.31 0.21 0.00	68.05 0.78 0.00	61.42 1.04 0.00	55.23 0.74 0.00	62.41 0.46 0.00	63.77 -0.14 0.00	57.10 -0.23 0.00	44.02 -0.20 0.00
STEBEN_REC_LFGE 323667	43.09 0.75 0.00	35.22 0.07 0.00	28.14 -0.20 0.00	27.94 -0.18 0.00	28.07 -0.36 0.00	31.34 -0.47 0.00	35.43 -0.59 0.00	39.20 -0.50 0.00	38.02 -0.74 0.00	37.41 -0.59 0.00	35.85 -0.46 0.00	34.84 -0.46 0.00	41.95 -0.63 0.00	45.58 -0.24 0.00	52.53 0.02 0.00	60.39 0.29 0.00	68.54 0.45 0.00	69.18 1.90 0.00	62.08 1.69 0.00	56.25 1.76 0.00	63.33 1.37 0.00	65.69 1.77 0.00	59.34 2.01 0.00	45.38 1.16 0.00
STILLWATER___SOLAR 323814	43.98 1.64 0.00	36.52 1.36 0.00	29.58 1.24 0.00	29.31 1.19 0.00	29.60 1.17 0.00	33.00 1.20 0.00	37.48 1.46 0.00	41.29 1.59 0.00	40.27 1.51 0.00	39.26 1.25 0.00	37.13 0.82 0.00	36.00 0.70 0.00	43.39 0.81 0.00	46.69 0.87 0.00	53.58 1.06 0.00	61.42 1.33 0.00	70.12 2.03 0.00	70.06 2.78 0.00	63.45 3.06 0.00	57.25 2.77 0.00	64.67 2.71 0.00	66.16 2.24 0.00	59.21 1.89 0.00	45.57 1.35 0.00
STONY___BROOK 24151	44.04 1.70 0.00	36.49 1.34 0.00	29.61 1.27 0.00	29.20 1.07 0.00	29.35 0.92 0.00	32.59 0.78 0.00	36.96 0.94 0.00	41.02 1.32 0.00	40.37 1.61 0.00	39.74 1.74 0.00	38.35 2.04 0.00	37.69 2.39 0.00	45.57 2.95 -0.03	48.36 2.54 0.00	55.04 2.52 0.00	62.54 2.45 0.00	71.79 3.69 0.00	71.93 4.66 0.00	63.80 3.42 0.00	56.52 2.03 0.00	62.47 0.70 0.18	57.90 0.09 6.11	22.61 0.25 34.97	44.78 0.56 0.00
STURGEON_POOL_HYD 23609	43.57 1.23 0.00	36.10 0.95 0.00	29.24 0.90 0.00	28.92 0.80 0.00	29.11 0.68 0.00	32.45 0.64 0.00	36.91 0.89 0.00	40.84 1.14 0.00	39.96 1.20 0.00	39.25 1.24 0.00	37.56 1.24 0.00	36.57 1.27 0.00	44.15 1.56 0.00	47.44 1.62 0.00	54.25 1.73 0.00	55.99 2.03 6.14	67.07 2.81 3.83	70.75 3.47 0.00	63.46 3.08 0.00	56.83 2.34 0.00	63.79 1.84 0.00	65.04 1.12 0.00	58.26 0.94 0.00	45.10 0.88 0.00

ST_LAW_115_BK7_LBMP 345037	42.66 0.32 0.00	35.42 0.27 0.00	28.33 -0.01 0.00	28.15 0.03 0.00	28.56 0.12 0.00	32.19 0.38 0.00	36.44 0.42 0.00	40.21 0.51 0.00	39.24 0.48 0.00	38.49 0.49 0.00	36.83 0.52 0.00	35.83 0.52 0.00	43.21 0.62 0.00	46.46 0.64 0.00	53.23 0.71 0.00	60.90 0.81 0.00	68.56 0.46 0.00	66.83 -0.44 0.00	59.73 -0.65 0.00	54.06 -0.42 0.00	62.22 0.26 0.00	64.87 0.95 0.00	58.26 0.93 0.00	44.93 0.71 0.00
ST_LAW_115_BK8_LBMP 345038	42.66 0.32 0.00	35.42 0.27 0.00	28.33 -0.01 0.00	28.15 0.03 0.00	28.56 0.12 0.00	32.19 0.38 0.00	36.44 0.42 0.00	40.21 0.51 0.00	39.24 0.48 0.00	38.49 0.49 0.00	36.83 0.52 0.00	35.83 0.52 0.00	43.21 0.62 0.00	46.46 0.64 0.00	53.23 0.71 0.00	60.90 0.81 0.00	68.56 0.46 0.00	66.83 -0.44 0.00	59.73 -0.65 0.00	54.06 -0.42 0.00	62.22 0.26 0.00	64.87 0.95 0.00	58.26 0.93 0.00	44.93 0.71 0.00
ST_LAW_230_BK5_LBMP 345035	42.60 0.26 0.00	35.37 0.21 0.00	28.32 -0.03 0.00	28.13 0.01 0.00	28.53 0.10 0.00	32.10 0.29 0.00	36.34 0.32 0.00	40.10 0.40 0.00	39.16 0.40 0.00	38.42 0.42 0.00	36.77 0.45 0.00	35.76 0.46 0.00	43.14 0.55 0.00	46.39 0.57 0.00	53.14 0.62 0.00	60.82 0.73 0.00	68.56 0.46 0.00	66.88 -0.39 0.00	59.79 -0.60 0.00	54.10 -0.39 0.00	62.19 0.23 0.00	64.75 0.83 0.00	58.11 0.79 0.00	44.82 0.61 0.00
ST_LAW_230_BK6_LBMP 345036	42.60 0.26 0.00	35.37 0.21 0.00	28.32 -0.03 0.00	28.13 0.01 0.00	28.53 0.10 0.00	32.10 0.29 0.00	36.34 0.32 0.00	40.10 0.40 0.00	39.16 0.40 0.00	38.42 0.42 0.00	36.77 0.45 0.00	35.76 0.46 0.00	43.14 0.55 0.00	46.39 0.57 0.00	53.14 0.62 0.00	60.82 0.73 0.00	68.56 0.46 0.00	66.88 -0.39 0.00	59.79 -0.60 0.00	54.10 -0.39 0.00	62.19 0.23 0.00	64.75 0.83 0.00	58.11 0.79 0.00	44.82 0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.48 1.14 0.00	35.97 0.82 0.00	29.08 0.74 0.00	28.77 0.65 0.00	28.99 0.56 0.00	32.34 0.53 0.00	36.78 0.76 0.00	40.69 0.99 0.00	39.84 1.08 0.00	39.13 1.13 0.00	37.46 1.15 0.00	36.47 1.17 0.00	44.05 1.47 0.00	47.33 1.51 0.00	54.17 1.65 0.00	61.95 1.86 0.00	70.67 2.57 0.00	70.52 3.24 0.00	63.21 2.83 0.00	56.62 2.14 0.00	63.49 1.53 0.00	64.76 0.84 0.00	58.05 0.72 0.00	44.94 0.72 0.00
SWANROAD_115KV_TB1 355699	41.32 -1.02 0.00	33.64 -1.51 0.00	26.72 -1.62 0.00	26.53 -1.59 0.00	26.52 -1.91 0.00	29.40 -2.41 0.00	32.99 -3.03 0.00	36.66 -3.04 0.00	35.82 -2.95 0.00	35.59 -2.41 0.00	34.35 -1.96 0.00	33.50 -1.80 0.00	40.46 -2.13 0.00	43.84 -1.98 0.00	50.55 -1.97 0.00	57.87 -2.22 0.00	65.08 -3.02 0.00	65.79 -1.49 0.00	58.86 -1.53 0.00	53.41 -1.07 0.00	59.84 -2.11 0.00	62.85 -1.07 0.00	57.67 0.34 0.00	44.39 0.17 0.00
SYNERGY___BIOGAS 323694	42.94 0.60 0.00	35.03 -0.12 0.00	27.90 -0.45 0.00	27.68 -0.44 0.00	27.76 -0.67 0.00	30.88 -0.93 0.00	34.82 -1.21 0.00	38.64 -1.07 0.00	37.68 -1.09 0.00	37.23 -0.78 0.00	35.80 -0.52 0.00	34.85 -0.45 0.00	42.12 -0.47 0.00	45.69 -0.13 0.00	52.72 0.20 0.00	60.51 0.41 0.00	68.45 0.35 0.00	69.52 2.24 0.00	62.37 1.98 0.00	56.61 2.13 0.00	63.62 1.66 0.00	66.28 2.36 0.00	60.08 2.75 0.00	46.02 1.80 0.00
SYRACUSE___ENERGY_ST1 323597	42.03 -0.31 0.00	34.88 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.23 0.00	28.15 -0.28 0.00	31.47 -0.33 0.00	35.57 -0.45 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.52 0.00	35.86 -0.46 0.00	34.86 -0.44 0.00	42.13 -0.46 0.00	45.40 -0.42 0.00	52.15 -0.37 0.00	59.76 -0.33 0.00	67.89 -0.21 0.00	67.68 0.40 0.00	60.90 0.51 0.00	54.97 0.49 0.00	62.06 0.10 0.00	63.89 -0.03 0.00	57.23 -0.10 0.00	44.00 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	42.03 -0.31 0.00	34.88 -0.27 0.00	28.12 -0.22 0.00	27.90 -0.23 0.00	28.15 -0.28 0.00	31.47 -0.33 0.00	35.57 -0.45 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.52 0.00	35.86 -0.46 0.00	34.86 -0.44 0.00	42.13 -0.46 0.00	45.40 -0.42 0.00	52.15 -0.37 0.00	59.76 -0.33 0.00	67.89 -0.21 0.00	67.68 0.40 0.00	60.90 0.51 0.00	54.97 0.49 0.00	62.06 0.10 0.00	63.89 -0.03 0.00	57.23 -0.10 0.00	44.00 -0.22 0.00
SYRACUSE___POWER 24017	41.99 -0.35 0.00	34.85 -0.30 0.00	28.09 -0.25 0.00	27.87 -0.25 0.00	28.12 -0.31 0.00	31.44 -0.37 0.00	35.55 -0.47 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.51 0.00	35.86 -0.45 0.00	34.88 -0.42 0.00	42.12 -0.47 0.00	45.39 -0.43 0.00	52.12 -0.39 0.00	59.77 -0.33 0.00	67.88 -0.21 0.00	67.65 0.37 0.00	60.87 0.48 0.00	54.93 0.45 0.00	62.05 0.09 0.00	63.85 -0.07 0.00	57.20 -0.13 0.00	43.97 -0.25 0.00
TALLMAN_138KV_BK151 55660	43.70 1.36 0.00	36.09 0.93 0.00	29.18 0.84 0.00	28.87 0.74 0.00	29.09 0.66 0.00	32.43 0.63 0.00	36.92 0.90 0.00	40.88 1.18 0.00	40.05 1.29 0.00	39.37 1.37 0.00	37.73 1.42 0.00	36.75 1.45 0.00	44.41 1.83 0.00	47.71 1.89 0.00	54.57 2.05 0.00	62.34 2.25 0.00	71.16 3.06 0.00	70.98 3.70 0.00	63.58 3.19 0.00	56.89 2.40 0.00	63.67 1.71 0.00	64.86 0.94 0.00	58.17 0.84 0.00	45.08 0.86 0.00
TEALLAVE_115KV_TB7 355573	41.71 -0.63 0.00	34.65 -0.51 0.00	27.94 -0.40 0.00	27.72 -0.40 0.00	27.97 -0.46 0.00	31.26 -0.55 0.00	35.35 -0.67 0.00	38.94 -0.76 0.00	37.99 -0.77 0.00	37.31 -0.70 0.00	35.70 -0.61 0.00	34.73 -0.57 0.00	41.93 -0.66 0.00	45.16 -0.66 0.00	51.86 -0.66 0.00	59.44 -0.65 0.00	67.50 -0.60 0.00	67.23 -0.04 0.00	60.45 0.06 0.00	54.54 0.06 0.00	61.62 -0.34 0.00	63.41 -0.51 0.00	56.81 -0.51 0.00	43.68 -0.54 0.00
TELGRAPH_34_KV_EAST 80808	42.15 -0.18 0.00	34.35 -0.80 0.00	27.31 -1.03 0.00	27.11 -1.01 0.00	27.15 -1.28 0.00	30.14 -1.66 0.00	33.91 -2.12 0.00	37.66 -2.04 0.00	36.78 -1.98 0.00	36.50 -1.51 0.00	35.17 -1.14 0.00	34.27 -1.03 0.00	41.43 -1.16 0.00	44.93 -0.89 0.00	51.84 -0.68 0.00	59.39 -0.70 0.00	66.96 -1.14 0.00	67.76 0.48 0.00	60.68 0.29 0.00	55.05 0.56 0.00	61.72 -0.24 0.00	64.56 0.64 0.00	58.83 1.50 0.00	45.18 0.95 0.00
TEMPLE___115KV_TB 2 55572	41.74 -0.60 0.00	34.66 -0.49 0.00	27.95 -0.39 0.00	27.73 -0.39 0.00	27.98 -0.45 0.00	31.27 -0.54 0.00	35.36 -0.66 0.00	38.95 -0.75 0.00	37.99 -0.77 0.00	37.31 -0.70 0.00	35.71 -0.60 0.00	34.75 -0.55 0.00	41.94 -0.64 0.00	45.20 -0.63 0.00	51.89 -0.63 0.00	59.48 -0.61 0.00	67.55 -0.55 0.00	67.28 0.01 0.00	60.50 0.11 0.00	54.57 0.08 0.00	61.64 -0.32 0.00	63.43 -0.49 0.00	56.84 -0.48 0.00	43.71 -0.51 0.00
TIANA____69_KV_BK 1 55817	44.47 2.13 0.00	36.78 1.63 0.00	29.84 1.50 0.00	29.42 1.30 0.00	29.59 1.15 0.00	32.84 1.03 0.00	37.26 1.24 0.00	41.42 1.72 0.00	40.80 2.04 0.00	40.21 2.20 0.00	38.83 2.52 0.00	38.28 2.98 0.00	46.35 3.73 -0.03	49.22 3.40 0.00	56.00 3.48 0.00	64.01 3.92 0.00	73.59 5.50 0.00	73.74 6.47 0.00	65.48 5.09 0.00	57.82 3.33 0.00	63.98 2.21 0.19	59.31 1.54 6.15	23.69 1.50 35.13	45.44 1.23 0.00

TILDEN___115KV_TB1 80814	41.99 -0.35 0.00	34.85 -0.30 0.00	28.09 -0.25 0.00	27.87 -0.25 0.00	28.12 -0.31 0.00	31.44 -0.37 0.00	35.55 -0.47 0.00	39.17 -0.54 0.00	38.19 -0.57 0.00	37.49 -0.51 0.00	35.86 -0.45 0.00	34.88 -0.42 0.00	42.12 -0.47 0.00	45.39 -0.43 0.00	52.12 -0.39 0.00	59.77 -0.33 0.00	67.88 -0.21 0.00	67.65 0.37 0.00	60.87 0.48 0.00	54.93 0.45 0.00	62.05 0.09 0.00	63.85 -0.07 0.00	57.20 -0.13 0.00	43.97 -0.25 0.00
TRIGEN___CC 323695	44.01 1.66 0.00	36.45 1.30 0.00	29.54 1.20 0.00	29.15 1.03 0.00	29.31 0.88 0.00	32.62 0.82 0.00	37.02 1.00 0.00	41.05 1.35 0.00	40.28 1.52 0.00	39.67 1.67 0.00	38.21 1.90 0.00	37.40 2.10 0.00	45.17 2.55 -0.03	48.15 2.33 0.00	54.96 2.44 0.00	62.81 2.72 0.00	71.81 3.72 0.00	71.61 4.33 0.00	63.87 3.48 0.00	56.89 2.41 0.00	63.50 1.57 0.03	65.08 0.83 -0.33	52.57 0.76 5.52	45.14 0.92 0.00
TRINITY__115KV__4 BK 55933	42.49 0.15 0.00	35.34 0.19 0.00	28.82 0.48 0.00	28.53 0.41 0.00	28.77 0.34 0.00	32.03 0.22 0.00	36.35 0.32 0.00	39.99 0.28 0.00	39.11 0.35 0.00	38.15 0.15 0.00	36.30 -0.02 0.00	35.21 -0.09 0.00	42.34 -0.24 0.00	45.50 -0.32 0.00	52.13 -0.39 0.00	59.49 -0.60 0.00	67.69 -0.41 0.00	67.44 0.17 0.00	60.79 0.40 0.00	54.70 0.21 0.00	61.79 -0.17 0.00	63.25 -0.67 0.00	56.63 -0.69 0.00	43.78 -0.44 0.00
UNION___PROCESSING_DRP 323587	42.27 -0.07 0.00	34.76 -0.39 0.00	27.84 -0.50 0.00	27.61 -0.51 0.00	27.77 -0.66 0.00	30.95 -0.85 0.00	34.94 -1.08 0.00	38.67 -1.03 0.00	37.77 -0.99 0.00	37.30 -0.71 0.00	35.82 -0.50 0.00	34.88 -0.42 0.00	42.21 -0.38 0.00	45.67 -0.15 0.00	52.61 0.09 0.00	60.36 0.27 0.00	68.41 0.31 0.00	68.65 1.37 0.00	61.58 1.20 0.00	55.64 1.16 0.00	62.62 0.66 0.00	64.84 0.92 0.00	58.32 1.00 0.00	44.72 0.51 0.00
UPPER HUDSON___HYD 24058	44.10 1.76 0.00	36.64 1.49 0.00	29.63 1.29 0.00	29.36 1.24 0.00	29.65 1.22 0.00	33.09 1.28 0.00	37.61 1.58 0.00	41.45 1.75 0.00	40.44 1.68 0.00	39.38 1.37 0.00	36.97 0.66 0.00	35.80 0.49 0.00	43.11 0.52 0.00	46.39 0.57 0.00	53.33 0.81 0.00	61.29 1.20 0.00	70.11 2.02 0.00	70.15 2.88 0.00	63.94 3.55 0.00	57.76 3.27 0.00	65.21 3.25 0.00	66.53 2.61 0.00	59.44 2.11 0.00	45.64 1.42 0.00
UPPER RAQUET___HYD 24056	43.72 1.37 0.00	36.29 1.14 0.00	28.88 0.54 0.00	28.74 0.62 0.00	29.21 0.78 0.00	33.14 1.33 0.00	37.52 1.50 0.00	41.34 1.64 0.00	40.19 1.43 0.00	39.32 1.31 0.00	37.59 1.28 0.00	36.54 1.24 0.00	44.03 1.44 0.00	47.37 1.55 0.00	54.09 1.57 0.00	61.55 1.45 0.00	68.75 0.65 0.00	67.23 -0.05 0.00	60.27 -0.12 0.00	54.85 0.36 0.00	63.35 1.40 0.00	66.68 2.76 0.00	60.17 2.84 0.00	46.45 2.23 0.00
VALLEY44_115KV_TB2 355964	42.29 -0.05 0.00	34.40 -0.75 0.00	27.48 -0.86 0.00	27.30 -0.82 0.00	27.35 -1.08 0.00	30.41 -1.40 0.00	34.42 -1.60 0.00	38.30 -1.40 0.00	37.36 -1.41 0.00	37.04 -0.96 0.00	35.71 -0.61 0.00	34.73 -0.57 0.00	41.87 -0.72 0.00	45.39 -0.43 0.00	52.16 -0.36 0.00	59.43 -0.66 0.00	66.88 -1.22 0.00	67.31 0.03 0.00	60.13 -0.26 0.00	54.58 0.09 0.00	61.09 -0.87 0.00	63.66 -0.26 0.00	58.23 0.90 0.00	44.71 0.50 0.00
VALLEY___115KV_TB 1-4 80826	42.68 0.34 0.00	35.33 0.18 0.00	28.67 0.32 0.00	28.43 0.31 0.00	28.66 0.24 0.00	32.01 0.20 0.00	36.29 0.27 0.00	39.91 0.20 0.00	38.77 0.01 0.00	37.77 -0.23 0.00	35.81 -0.50 0.00	34.73 -0.56 0.00	41.85 -0.74 0.00	45.08 -0.74 0.00	51.71 -0.80 0.00	59.40 -0.70 0.00	67.57 -0.53 0.00	67.70 0.42 0.00	61.45 1.07 0.00	55.62 1.13 0.00	62.87 0.91 0.00	64.31 0.39 0.00	57.45 0.12 0.00	44.23 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.63 1.29 0.00	36.05 0.90 0.00	29.05 0.71 0.00	28.81 0.69 0.00	29.04 0.61 0.00	32.50 0.69 0.00	36.85 0.83 0.00	40.72 1.02 0.00	39.77 1.01 0.00	39.07 1.07 0.00	37.45 1.14 0.00	36.43 1.13 0.00	44.05 1.46 0.00	47.43 1.61 0.00	54.50 1.98 0.00	62.46 2.37 0.00	71.06 2.96 0.00	70.78 3.50 0.00	63.54 3.16 0.00	57.29 2.80 0.00	64.51 2.56 0.00	66.23 2.31 0.00	59.33 2.01 0.00	45.65 1.44 0.00
VISCHER___FERRY HYD 24020	43.35 1.01 0.00	36.02 0.87 0.00	29.25 0.91 0.00	28.97 0.84 0.00	29.24 0.80 0.00	32.58 0.77 0.00	36.97 0.94 0.00	40.72 1.02 0.00	39.79 1.03 0.00	38.82 0.81 0.00	36.81 0.50 0.00	35.72 0.42 0.00	43.03 0.44 0.00	46.25 0.44 0.00	52.99 0.47 0.00	60.59 0.50 0.00	69.05 0.95 0.00	68.88 1.60 0.00	62.21 1.82 0.00	56.04 1.55 0.00	63.33 1.37 0.00	64.85 0.93 0.00	58.08 0.75 0.00	44.80 0.58 0.00
V_A_10_SYNC_DSASP 323832	41.65 -0.68 0.00	34.02 -1.13 0.00	27.11 -1.23 0.00	26.90 -1.22 0.00	26.96 -1.47 0.00	29.91 -1.90 0.00	33.65 -2.37 0.00	37.36 -2.34 0.00	36.54 -2.22 0.00	36.30 -1.70 0.00	34.97 -1.34 0.00	34.07 -1.23 0.00	41.18 -1.40 0.00	44.60 -1.22 0.00	51.36 -1.16 0.00	58.80 -1.29 0.00	66.22 -1.87 0.00	66.71 -0.57 0.00	59.71 -0.68 0.00	54.14 -0.34 0.00	60.74 -1.22 0.00	63.49 -0.43 0.00	57.68 0.35 0.00	44.32 0.10 0.00
V_CMM_10_SYNC_DSASP 323787	42.88 0.54 0.00	35.59 0.44 0.00	28.47 0.13 0.00	28.29 0.16 0.00	28.70 0.27 0.00	32.34 0.53 0.00	36.61 0.59 0.00	40.39 0.69 0.00	39.43 0.67 0.00	38.68 0.67 0.00	37.03 0.72 0.00	36.01 0.71 0.00	43.43 0.84 0.00	46.70 0.88 0.00	53.51 0.99 0.00	61.21 1.12 0.00	68.94 0.84 0.00	67.21 -0.07 0.00	60.07 -0.32 0.00	54.37 -0.11 0.00	62.56 0.60 0.00	65.22 1.30 0.00	58.56 1.24 0.00	45.16 0.94 0.00
V_CMP_10_SYNC_DSASP 323788	42.65 0.31 0.00	35.46 0.31 0.00	28.48 0.14 0.00	28.33 0.21 0.00	28.75 0.32 0.00	32.31 0.51 0.00	36.72 0.70 0.00	40.62 0.92 0.00	39.68 0.93 0.00	38.82 0.81 0.00	37.16 0.84 0.00	36.04 0.73 0.00	43.47 0.88 0.00	46.76 0.95 0.00	53.60 1.08 0.00	61.50 1.41 0.00	69.49 1.40 0.00	67.83 0.56 0.00	60.78 0.39 0.00	54.96 0.47 0.00	63.18 1.22 0.00	65.34 1.42 0.00	58.57 1.25 0.00	45.07 0.85 0.00
V_D_10_SYNC_DSASP 323841	43.31 0.97 0.00	35.94 0.79 0.00	28.64 0.30 0.00	28.47 0.35 0.00	28.89 0.46 0.00	32.68 0.87 0.00	37.01 0.98 0.00	40.81 1.11 0.00	39.79 1.04 0.00	39.03 1.03 0.00	37.35 1.04 0.00	36.32 1.02 0.00	43.80 1.22 0.00	47.11 1.29 0.00	53.95 1.43 0.00	61.67 1.58 0.00	69.19 1.09 0.00	67.49 0.21 0.00	60.33 -0.06 0.00	54.69 0.20 0.00	62.96 1.00 0.00	65.91 1.99 0.00	59.24 1.91 0.00	45.69 1.47 0.00
V_E_10_SYNC_DSASP 323830	45.19 2.85 0.00	37.20 2.05 0.00	29.92 1.57 0.00	29.69 1.56 0.00	29.91 1.48 0.00	33.57 1.76 0.00	38.02 1.99 0.00	42.06 2.35 0.00	40.79 2.03 0.00	39.91 1.91 0.00	38.14 1.83 0.00	37.02 1.72 0.00	44.74 2.16 0.00	48.39 2.57 0.00	55.67 3.15 0.00	64.01 3.91 0.00	73.08 4.99 0.00	73.32 6.04 0.00	66.35 5.96 0.00	60.19 5.70 0.00	67.85 5.89 0.00	69.67 5.75 0.00	62.21 4.89 0.00	47.51 3.29 0.00

V_F_30_NSYNC___DSASP 323816	44.03 1.69 0.00	36.55 1.40 0.00	29.61 1.27 0.00	29.33 1.21 0.00	29.62 1.19 0.00	33.03 1.23 0.00	37.52 1.49 0.00	41.33 1.63 0.00	40.31 1.55 0.00	39.32 1.32 0.00	37.22 0.91 0.00	36.10 0.80 0.00	43.52 0.94 0.00	46.83 1.01 0.00	53.74 1.22 0.00	61.60 1.50 0.00	70.32 2.23 0.00	70.23 2.95 0.00	63.58 3.19 0.00	57.35 2.86 0.00	64.79 2.83 0.00	66.28 2.35 0.00	59.33 2.00 0.00	45.66 1.44 0.00
V_F_30_SYNC_DSASP 323786	42.70 0.36 0.00	35.49 0.34 0.00	28.93 0.59 0.00	28.64 0.51 0.00	28.87 0.44 0.00	32.16 0.36 0.00	36.50 0.48 0.00	40.18 0.48 0.00	39.28 0.52 0.00	38.32 0.32 0.00	36.48 0.17 0.00	35.41 0.10 0.00	42.58 0.00 0.00	45.78 -0.04 0.00	52.48 -0.04 0.00	59.91 -0.18 0.00	68.21 0.11 0.00	67.96 0.68 0.00	61.26 0.87 0.00	55.09 0.61 0.00	62.22 0.26 0.00	63.69 -0.23 0.00	57.00 -0.33 0.00	44.02 -0.19 0.00
V_XM_10_SYNC_DSASP 323789	42.65 0.31 0.00	35.46 0.31 0.00	28.48 0.14 0.00	28.33 0.21 0.00	28.75 0.32 0.00	32.31 0.51 0.00	36.72 0.70 0.00	40.62 0.92 0.00	39.68 0.93 0.00	38.82 0.81 0.00	37.16 0.84 0.00	36.04 0.73 0.00	43.47 0.88 0.00	46.76 0.95 0.00	53.60 1.08 0.00	61.50 1.41 0.00	69.49 1.40 0.00	67.83 0.56 0.00	60.78 0.39 0.00	54.96 0.47 0.00	63.18 1.22 0.00	65.34 1.42 0.00	58.57 1.25 0.00	45.07 0.85 0.00
W.BABYLN_69_KV_BK1 56697	44.50 2.17 0.00	36.84 1.69 0.00	29.87 1.53 0.00	29.45 1.32 0.00	29.59 1.16 0.00	32.89 1.09 0.00	37.31 1.29 0.00	41.46 1.75 0.00	40.74 1.98 0.00	40.11 2.11 0.00	38.64 2.32 0.00	37.92 2.62 0.00	45.87 3.25 -0.03	48.73 2.91 0.00	55.59 3.07 0.00	63.58 3.49 0.00	72.80 4.70 0.00	72.72 5.45 0.00	64.73 4.34 0.00	57.37 2.88 0.00	63.68 1.89 0.16	59.91 1.12 5.13	27.73 1.13 30.73	45.47 1.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.89 1.55 0.00	36.23 1.07 0.00	29.33 0.99 0.00	29.01 0.88 0.00	29.22 0.79 0.00	32.59 0.78 0.00	37.09 1.07 0.00	41.08 1.37 0.00	40.25 1.49 0.00	39.57 1.57 0.00	37.92 1.61 0.00	36.94 1.64 0.00	44.64 2.06 0.00	47.95 2.13 0.00	54.85 2.33 0.00	62.68 2.59 0.00	71.52 3.43 0.00	71.34 4.06 0.00	63.89 3.50 0.00	57.17 2.68 0.00	64.00 2.04 0.00	65.21 1.29 0.00	58.44 1.11 0.00	45.26 1.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.06 1.72 0.00	36.50 1.34 0.00	29.58 1.24 0.00	29.21 1.09 0.00	29.38 0.95 0.00	32.71 0.90 0.00	37.23 1.21 0.00	41.27 1.57 0.00	40.50 1.74 0.00	39.88 1.87 0.00	38.23 1.92 0.00	37.25 1.95 0.00	44.99 2.40 0.00	48.26 2.44 0.00	55.09 2.58 0.00	62.91 2.82 0.00	71.78 3.68 0.00	71.59 4.31 0.00	64.04 3.65 0.00	57.24 2.75 0.00	64.03 2.07 0.00	65.21 1.29 0.00	58.45 1.12 0.00	45.40 1.18 0.00
W50THST__13_KV_LOAD 356117	44.31 1.97 0.00	36.69 1.54 0.00	29.74 1.41 0.00	29.37 1.25 0.00	29.54 1.11 0.00	32.90 1.10 0.00	37.47 1.44 0.00	41.54 1.84 0.00	40.78 2.02 0.00	40.18 2.18 0.00	38.55 2.23 0.00	37.57 2.27 0.00	45.41 2.82 0.00	48.67 2.86 0.00	55.54 3.02 0.00	63.40 3.31 0.00	72.32 4.23 0.00	72.10 4.82 0.00	64.45 4.06 0.00	57.56 3.07 0.00	64.36 2.40 0.00	65.55 1.62 0.00	58.75 1.42 0.00	45.63 1.42 0.00
WADING RIVER_IC_1 23522	43.51 1.17 0.00	36.04 0.89 0.00	29.26 0.92 0.00	28.85 0.73 0.00	29.01 0.58 0.00	32.20 0.39 0.00	36.52 0.49 0.00	40.55 0.85 0.00	39.90 1.13 0.00	39.27 1.26 0.00	37.88 1.57 0.00	37.27 1.97 0.00	45.06 2.44 -0.03	47.80 1.98 0.00	54.43 1.91 0.00	62.15 2.05 0.00	71.42 3.32 0.00	71.54 4.26 0.00	63.56 3.17 0.00	56.21 1.72 0.00	62.23 0.46 0.19	57.47 -0.29 6.15	22.02 -0.15 35.15	44.32 0.10 0.00
WADING RIVER_IC_2 23547	43.51 1.17 0.00	36.04 0.89 0.00	29.26 0.92 0.00	28.85 0.73 0.00	29.01 0.58 0.00	32.20 0.39 0.00	36.52 0.49 0.00	40.55 0.85 0.00	39.90 1.13 0.00	39.27 1.26 0.00	37.88 1.57 0.00	37.27 1.97 0.00	45.06 2.44 -0.03	47.80 1.98 0.00	54.43 1.91 0.00	62.15 2.05 0.00	71.42 3.32 0.00	71.54 4.26 0.00	63.56 3.17 0.00	56.21 1.72 0.00	62.23 0.46 0.19	57.47 -0.29 6.15	22.02 -0.15 35.15	44.32 0.10 0.00
WADING RIVER_IC_3 23601	43.51 1.17 0.00	36.04 0.89 0.00	29.26 0.92 0.00	28.85 0.73 0.00	29.01 0.58 0.00	32.20 0.39 0.00	36.52 0.49 0.00	40.55 0.85 0.00	39.90 1.13 0.00	39.27 1.26 0.00	37.88 1.57 0.00	37.27 1.97 0.00	45.06 2.44 -0.03	47.80 1.98 0.00	54.43 1.91 0.00	62.15 2.05 0.00	71.42 3.32 0.00	71.54 4.26 0.00	63.56 3.17 0.00	56.21 1.72 0.00	62.23 0.46 0.19	57.47 -0.29 6.15	22.02 -0.15 35.15	44.32 0.10 0.00
WALDENNY_12_KV_BK2 80841	42.27 -0.07 0.00	34.39 -0.77 0.00	27.34 -1.00 0.00	27.13 -0.99 0.00	27.15 -1.28 0.00	30.13 -1.67 0.00	33.88 -2.15 0.00	37.68 -2.02 0.00	36.89 -1.87 0.00	36.72 -1.28 0.00	35.46 -0.85 0.00	34.60 -0.70 0.00	41.86 -0.73 0.00	45.45 -0.37 0.00	52.48 -0.04 0.00	60.13 0.04 0.00	67.71 -0.39 0.00	68.32 1.04 0.00	61.05 0.66 0.00	55.33 0.84 0.00	61.92 -0.04 0.00	64.76 0.84 0.00	58.93 1.60 0.00	45.22 1.01 0.00
WALDEN___HYDRO 24148	43.70 1.36 0.00	36.15 1.00 0.00	29.25 0.91 0.00	28.94 0.82 0.00	29.15 0.72 0.00	32.51 0.70 0.00	36.97 0.95 0.00	40.90 1.20 0.00	40.05 1.29 0.00	39.32 1.32 0.00	37.62 1.31 0.00	36.62 1.32 0.00	44.22 1.64 0.00	47.53 1.71 0.00	54.40 1.88 0.00	62.24 2.14 0.00	71.06 2.97 0.00	70.98 3.70 0.00	63.68 3.29 0.00	57.03 2.54 0.00	64.00 2.04 0.00	65.24 1.32 0.00	58.44 1.11 0.00	45.20 0.98 0.00
WARRENSBURG____ 23737	44.10 1.76 0.00	36.64 1.49 0.00	29.63 1.29 0.00	29.36 1.24 0.00	29.65 1.22 0.00	33.09 1.29 0.00	37.61 1.59 0.00	41.45 1.75 0.00	40.44 1.68 0.00	39.37 1.36 0.00	36.97 0.65 0.00	35.80 0.49 0.00	43.11 0.52 0.00	46.39 0.56 0.00	53.33 0.81 0.00	61.29 1.20 0.00	70.11 2.02 0.00	70.15 2.88 0.00	63.94 3.55 0.00	57.76 3.27 0.00	65.21 3.25 0.00	66.53 2.61 0.00	59.44 2.11 0.00	45.64 1.42 0.00
WATERSIDE____6 8 9 23538	44.18 1.84 0.00	36.63 1.47 0.00	29.69 1.35 0.00	29.32 1.20 0.00	29.47 1.04 0.00	32.78 0.97 0.00	37.28 1.25 0.00	41.35 1.65 0.00	40.60 1.84 0.00	39.95 1.94 0.00	38.32 2.01 0.00	37.29 1.98 0.00	44.98 2.40 0.00	48.20 2.38 0.00	55.07 2.55 0.00	62.88 2.79 0.00	71.68 3.58 0.00	71.49 4.21 0.00	63.95 3.56 0.00	57.11 2.63 0.00	63.87 1.92 0.00	65.02 1.10 0.00	58.36 1.04 0.00	45.39 1.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.52 0.18 0.00	35.23 0.08 0.00	28.55 0.21 0.00	28.32 0.20 0.00	28.57 0.13 0.00	31.91 0.10 0.00	36.17 0.14 0.00	39.79 0.09 0.00	38.73 -0.04 0.00	37.79 -0.21 0.00	35.90 -0.41 0.00	34.84 -0.46 0.00	41.99 -0.59 0.00	45.20 -0.61 0.00	51.85 -0.67 0.00	59.49 -0.61 0.00	67.62 -0.47 0.00	67.54 0.26 0.00	61.11 0.72 0.00	55.24 0.75 0.00	62.53 0.57 0.00	64.08 0.16 0.00	57.30 -0.03 0.00	44.14 -0.08 0.00

WDELAWARE___HYD 323627	42.97 0.63 0.00	35.54 0.38 0.00	28.72 0.38 0.00	28.40 0.28 0.00	28.62 0.18 0.00	31.93 0.12 0.00	36.31 0.29 0.00	40.16 0.45 0.00	39.30 0.54 0.00	38.58 0.57 0.00	36.88 0.57 0.00	35.88 0.58 0.00	43.37 0.78 0.00	46.46 0.64 0.00	52.12 -0.40 0.00	57.61 -0.33 2.15	67.03 0.28 1.35	68.37 1.09 0.00	61.46 1.08 0.00	55.28 0.79 0.00	63.52 1.57 0.00	64.77 0.85 0.00	57.93 0.60 0.00	44.71 0.49 0.00
WEST BABYLON___IC 23714	44.50 2.17 0.00	36.84 1.69 0.00	29.87 1.53 0.00	29.45 1.32 0.00	29.59 1.16 0.00	32.89 1.09 0.00	37.31 1.29 0.00	41.46 1.75 0.00	40.74 1.98 0.00	40.11 2.11 0.00	38.64 2.32 0.00	37.92 2.62 0.00	45.87 3.25 -0.03	48.73 2.91 0.00	55.59 3.07 0.00	63.58 3.49 0.00	72.80 4.70 0.00	72.72 5.45 0.00	64.73 4.34 0.00	57.37 2.88 0.00	63.68 1.89 0.16	59.91 1.12 5.13	27.73 1.13 30.73	45.47 1.25 0.00
WEST CANADA___HYD 24049	42.34 0.00 0.00	35.16 0.00 0.00	28.40 0.06 0.00	28.18 0.06 0.00	28.46 0.03 0.00	31.81 0.00 0.00	36.03 0.01 0.00	39.70 0.00 0.00	38.76 0.00 0.00	37.97 -0.04 0.00	36.25 -0.07 0.00	35.23 -0.07 0.00	42.49 -0.10 0.00	45.73 -0.09 0.00	52.41 -0.10 0.00	59.97 -0.12 0.00	68.06 -0.04 0.00	67.47 0.19 0.00	60.68 0.29 0.00	54.71 0.22 0.00	62.04 0.08 0.00	63.85 -0.07 0.00	57.24 -0.09 0.00	44.15 -0.06 0.00
WESTERN_NY_WIND 24143	42.88 0.54 0.00	34.99 -0.17 0.00	27.85 -0.48 0.00	27.63 -0.49 0.00	27.70 -0.73 0.00	30.82 -0.99 0.00	34.74 -1.28 0.00	38.56 -1.14 0.00	37.60 -1.16 0.00	37.17 -0.83 0.00	35.74 -0.57 0.00	34.79 -0.51 0.00	42.05 -0.54 0.00	45.61 -0.21 0.00	52.65 0.13 0.00	60.39 0.30 0.00	68.32 0.22 0.00	69.40 2.12 0.00	62.26 1.87 0.00	56.51 2.02 0.00	63.50 1.54 0.00	66.19 2.27 0.00	60.01 2.69 0.00	45.98 1.76 0.00
WESTOVER___LESR 323668	42.40 0.06 0.00	34.95 -0.20 0.00	28.15 -0.19 0.00	27.95 -0.17 0.00	28.16 -0.27 0.00	31.48 -0.33 0.00	35.61 -0.42 0.00	39.30 -0.40 0.00	38.30 -0.46 0.00	37.66 -0.35 0.00	36.07 -0.24 0.00	35.11 -0.19 0.00	42.38 -0.21 0.00	45.75 -0.07 0.00	52.61 0.10 0.00	60.38 0.29 0.00	68.44 0.34 0.00	68.38 1.11 0.00	61.29 0.90 0.00	55.41 0.92 0.00	62.33 0.37 0.00	64.22 0.29 0.00	57.77 0.45 0.00	44.38 0.16 0.00
WETHRSFD_WT_PWR 323626	42.17 -0.17 0.00	34.39 -0.77 0.00	27.44 -0.90 0.00	27.23 -0.89 0.00	27.29 -1.14 0.00	30.36 -1.45 0.00	34.19 -1.83 0.00	37.92 -1.78 0.00	36.93 -1.83 0.00	36.56 -1.44 0.00	35.21 -1.11 0.00	34.27 -1.03 0.00	41.36 -1.22 0.00	44.88 -0.94 0.00	51.77 -0.75 0.00	59.40 -0.69 0.00	67.05 -1.05 0.00	67.62 0.35 0.00	60.56 0.17 0.00	54.94 0.45 0.00	61.63 -0.33 0.00	64.26 0.34 0.00	58.31 0.98 0.00	44.72 0.50 0.00
WHAVSTOR_138KV_BK127 55557	43.63 1.29 0.00	36.03 0.87 0.00	29.19 0.85 0.00	28.87 0.75 0.00	29.07 0.64 0.00	32.42 0.62 0.00	36.90 0.88 0.00	40.85 1.15 0.00	40.02 1.26 0.00	39.33 1.32 0.00	37.68 1.37 0.00	36.70 1.40 0.00	44.32 1.74 0.00	47.59 1.77 0.00	54.41 1.89 0.00	62.14 2.05 0.00	70.91 2.81 0.00	70.74 3.46 0.00	63.37 2.98 0.00	56.71 2.22 0.00	63.49 1.54 0.00	64.71 0.79 0.00	58.01 0.68 0.00	44.98 0.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.63 1.29 0.00	36.03 0.87 0.00	29.19 0.85 0.00	28.87 0.75 0.00	29.07 0.64 0.00	32.42 0.62 0.00	36.90 0.88 0.00	40.85 1.15 0.00	40.02 1.26 0.00	39.33 1.32 0.00	37.68 1.37 0.00	36.70 1.40 0.00	44.32 1.74 0.00	47.59 1.77 0.00	54.41 1.89 0.00	62.14 2.05 0.00	70.91 2.81 0.00	70.74 3.46 0.00	63.37 2.98 0.00	56.71 2.22 0.00	63.49 1.54 0.00	64.71 0.79 0.00	58.01 0.68 0.00	44.98 0.77 0.00
WHITEHAL_115KV_TB1 80871	45.44 3.10 0.00	37.74 2.58 0.00	30.47 2.13 0.00	30.25 2.13 0.00	30.58 2.14 0.00	34.12 2.31 0.00	38.86 2.84 0.00	43.04 3.33 0.00	41.90 3.14 0.00	40.56 2.56 0.00	37.73 1.42 0.00	36.42 1.12 0.00	43.85 1.27 0.00	47.11 1.29 0.00	54.21 1.69 0.00	62.64 2.55 0.00	71.75 3.66 0.00	71.86 4.58 0.00	65.43 5.05 0.00	59.63 5.14 0.00	66.72 4.76 0.00	67.54 3.62 0.00	60.31 2.99 0.00	46.17 1.96 0.00
WHITEPLN_13_KV_LOAD 356215	44.27 1.93 0.00	36.67 1.52 0.00	29.69 1.36 0.00	29.33 1.21 0.00	29.50 1.07 0.00	32.87 1.06 0.00	37.42 1.39 0.00	41.47 1.77 0.00	40.69 1.93 0.00	40.01 2.01 0.00	38.36 2.05 0.00	37.39 2.09 0.00	45.19 2.61 0.00	48.54 2.72 0.00	55.54 3.02 0.00	63.50 3.40 0.00	72.48 4.38 0.00	72.35 5.07 0.00	64.77 4.38 0.00	57.89 3.40 0.00	64.77 2.81 0.00	65.95 2.03 0.00	59.05 1.72 0.00	45.74 1.52 0.00
WM_FLOYD_69_KV_BK2 356380	43.89 1.55 0.00	36.35 1.20 0.00	29.51 1.17 0.00	29.11 0.98 0.00	29.27 0.84 0.00	32.47 0.66 0.00	36.83 0.81 0.00	40.90 1.20 0.00	40.24 1.48 0.00	39.57 1.56 0.00	38.17 1.86 0.00	37.54 2.24 0.00	45.38 2.77 -0.03	48.13 2.31 0.00	54.81 2.29 0.00	62.59 2.49 0.00	71.91 3.81 0.00	72.02 4.74 0.00	64.02 3.63 0.00	56.64 2.16 0.00	62.74 0.97 0.19	58.01 0.22 6.13	22.64 0.38 35.06	44.70 0.48 0.00
WOODARD___115KV_TB2 355635	41.68 -0.66 0.00	34.62 -0.53 0.00	27.92 -0.42 0.00	27.70 -0.42 0.00	27.96 -0.48 0.00	31.25 -0.56 0.00	35.33 -0.69 0.00	38.91 -0.79 0.00	37.96 -0.80 0.00	37.27 -0.74 0.00	35.65 -0.65 0.00	34.68 -0.62 0.00	41.86 -0.72 0.00	45.11 -0.71 0.00	51.79 -0.73 0.00	59.36 -0.74 0.00	67.39 -0.71 0.00	67.11 -0.17 0.00	60.34 -0.05 0.00	54.45 -0.04 0.00	61.53 -0.43 0.00	63.32 -0.61 0.00	56.74 -0.58 0.00	43.63 -0.59 0.00
WOODMERE_69_KV_BK1 55827	44.59 2.25 0.00	36.90 1.74 0.00	29.88 1.54 0.00	29.47 1.35 0.00	29.63 1.20 0.00	32.99 1.18 0.00	37.40 1.38 0.00	41.47 1.77 0.00	40.71 1.95 0.00	40.12 2.12 0.00	38.71 2.40 0.00	37.98 2.68 0.00	45.91 3.29 -0.03	48.98 3.16 0.00	55.94 3.42 0.00	63.89 3.80 0.00	73.05 4.95 0.00	72.88 5.60 0.00	64.92 4.53 0.00	57.81 3.33 0.00	64.51 2.55 0.00	69.17 1.80 -3.46	58.96 1.63 0.00	45.89 1.68 0.00
YORK___WARBASSE 23770	44.26 1.91 0.00	36.67 1.52 0.00	29.68 1.35 0.00	29.31 1.19 0.00	29.46 1.03 0.00	32.78 0.97 0.00	37.32 1.29 0.00	41.39 1.69 0.00	40.63 1.87 0.00	39.97 1.96 0.00	38.33 2.02 0.00	37.31 2.01 0.00	45.03 2.45 0.00	48.36 2.54 0.00	55.33 2.82 0.00	63.16 3.06 0.00	71.88 3.79 0.00	71.69 4.41 0.00	64.18 3.79 0.00	57.32 2.84 0.00	64.10 2.15 0.00	65.27 1.35 0.00	58.65 1.32 0.00	45.66 1.44 0.00