

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/29/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	45.87	46.45	44.94	43.37	44.73	41.27	41.28	43.74	42.68	38.96	40.78	44.95	40.57	40.12	44.64	54.60	73.96	70.39	71.36	72.80	73.09	54.68	57.53	58.83
24138	2.44	2.32	2.21	2.19	2.22	2.08	2.24	2.49	2.38	2.24	2.38	2.54	2.31	2.26	2.41	2.90	3.72	3.80	3.87	4.05	4.31	3.26	3.29	3.11
	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	45.92	46.50	44.98	43.41	44.77	41.31	41.31	43.76	42.72	39.00	40.84	45.00	40.63	40.19	44.72	54.69	74.10	70.56	71.54	72.99	73.24	54.78	57.63	58.94
24260	2.50	2.36	2.24	2.23	2.26	2.12	2.28	2.51	2.41	2.27	2.43	2.59	2.37	2.33	2.49	2.99	3.86	3.96	4.05	4.24	4.46	3.36	3.39	3.22
	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	45.92	46.50	44.98	43.41	44.77	41.31	41.31	43.76	42.72	39.00	40.84	45.00	40.63	40.19	44.72	54.69	74.10	70.56	71.54	72.99	73.24	54.78	57.63	58.94
24261	2.50	2.36	2.24	2.23	2.26	2.12	2.28	2.51	2.41	2.27	2.43	2.59	2.37	2.33	2.49	2.99	3.86	3.96	4.05	4.24	4.46	3.36	3.39	3.22
	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	46.64	47.16	45.73	44.11	45.52	41.87	41.96	44.45	43.43	39.36	41.05	45.27	40.89	40.47	45.29	55.68	76.32	72.54	73.36	74.63	74.88	55.95	59.01	60.51
24011	3.21	3.03	2.99	2.93	3.00	2.68	2.92	3.20	3.12	2.64	2.65	2.86	2.63	2.61	3.06	3.98	6.08	5.95	5.88	5.88	6.10	4.53	4.77	4.79
	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	46.92	47.39	46.00	44.36	45.76	42.07	42.20	44.75	43.67	39.54	41.28	45.54	41.16	40.76	45.59	56.04	77.15	73.32	74.19	75.42	75.64	56.48	59.59	61.12
23798	3.49	3.26	3.26	3.18	3.24	2.87	3.17	3.50	3.37	2.81	2.88	3.13	2.90	2.90	3.35	4.33	6.91	6.73	6.70	6.67	6.86	5.05	5.35	5.40
	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	46.64	47.16	45.73	44.11	45.52	41.87	41.96	44.45	43.43	39.36	41.05	45.27	40.89	40.47	45.29	55.68	76.32	72.54	73.36	74.63	74.88	55.95	59.01	60.51
24028	3.21	3.03	2.99	2.93	3.00	2.68	2.92	3.20	3.12	2.64	2.65	2.86	2.63	2.61	3.06	3.98	6.08	5.95	5.88	5.88	6.10	4.53	4.77	4.79
	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	45.59	46.17	44.77	43.20	44.54	40.90	40.81	43.16	42.16	38.24	39.91	43.96	39.81	39.50	44.19	54.21	73.89	70.27	71.04	72.35	72.91	54.62	57.59	59.13
23527	2.17	2.04	2.04	2.02	2.02	1.70	1.77	1.91	1.86	1.52	1.51	1.55	1.55	1.65	1.95	2.51	3.65	3.67	3.55	3.60	4.13	3.20	3.35	3.41
	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	44.32	44.95	43.51	41.99	43.34	39.92	39.81	42.03	41.07	37.40	39.08	43.07	38.97	38.58	43.02	52.64	71.29	67.76	68.58	69.84	70.11	52.66	55.43	56.92
24190	0.89	0.81	0.78	0.81	0.82	0.72	0.77	0.78	0.76	0.67	0.67	0.67	0.71	0.73	0.79	0.94	1.05	1.17	1.09	1.10	1.32	1.23	1.19	1.20
	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	43.35	44.25	42.86	41.27	42.63	39.36	39.18	41.55	40.49	36.79	38.52	42.53	38.36	37.99	42.41	51.96	70.73	66.81	67.72	69.25	69.27	51.73	54.75	56.33
355683	-0.08	0.11	0.13	0.09	0.11	0.16	0.15	0.30	0.19	0.07	0.12	0.12	0.10	0.13	0.17	0.25	0.49	0.22	0.23	0.51	0.49	0.31	0.51	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	45.18	45.80	44.36	42.76	44.17	40.68	40.59	42.87	41.81	37.98	39.49	43.57	39.33	38.91	43.50	53.54	72.70	69.08	69.96	71.21	71.40	53.54	56.39	57.87
323833	1.75	1.67	1.62	1.58	1.65	1.48	1.55	1.61	1.51	1.26	1.09	1.17	1.07	1.06	1.27	1.83	2.47	2.49	2.47	2.47	2.62	2.12	2.16	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	45.16	45.79	44.35	42.75	44.15	40.68	40.57	42.85	41.79	37.96	39.48	43.56	39.33	38.91	43.49	53.52	72.69	69.05	69.93	71.18	71.39	53.51	56.38	57.86
323834	1.74	1.66	1.61	1.57	1.63	1.48	1.53	1.60	1.49	1.24	1.08	1.15	1.07	1.06	1.26	1.81	2.46	2.45	2.44	2.43	2.61	2.09	2.14	2.14
	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	44.32	44.95	43.51	41.99	43.34	39.92	39.81	42.03	41.07	37.40	39.08	43.07	38.97	38.58	43.02	52.64	71.29	67.76	68.58	69.84	70.11	52.66	55.43	56.92
23571	0.89	0.81	0.78	0.81	0.82	0.72	0.77	0.78	0.76	0.67	0.67	0.67	0.71	0.73	0.79	0.94	1.05	1.17	1.09	1.10	1.32	1.23	1.19	1.20
	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	44.32 0.89 0.00	44.95 0.81 0.00	43.51 0.78 0.00	41.99 0.81 0.00	43.34 0.82 0.00	39.92 0.72 0.00	39.81 0.77 0.00	42.03 0.78 0.00	41.07 0.76 0.00	37.40 0.67 0.00	39.08 0.67 0.00	43.07 0.67 0.00	38.97 0.71 0.00	38.58 0.73 0.00	43.02 0.79 0.00	52.64 0.94 0.00	71.29 1.05 0.00	67.76 1.17 0.00	68.58 1.09 0.00	69.84 1.10 0.00	70.11 1.32 0.00	52.66 1.23 0.00	55.43 1.19 0.00	56.92 1.20 0.00
ALBANY___3 23573	44.32 0.89 0.00	44.95 0.81 0.00	43.51 0.78 0.00	41.99 0.81 0.00	43.34 0.82 0.00	39.92 0.72 0.00	39.81 0.77 0.00	42.03 0.78 0.00	41.07 0.76 0.00	37.40 0.67 0.00	39.08 0.67 0.00	43.07 0.67 0.00	38.97 0.71 0.00	38.58 0.73 0.00	43.02 0.79 0.00	52.64 0.94 0.00	71.29 1.05 0.00	67.76 1.17 0.00	68.58 1.09 0.00	69.84 1.10 0.00	70.11 1.32 0.00	52.66 1.23 0.00	55.43 1.19 0.00	56.92 1.20 0.00
ALBANY___4 23574	44.32 0.89 0.00	44.95 0.81 0.00	43.51 0.78 0.00	41.99 0.81 0.00	43.34 0.82 0.00	39.92 0.72 0.00	39.81 0.77 0.00	42.03 0.78 0.00	41.07 0.76 0.00	37.40 0.67 0.00	39.08 0.67 0.00	43.07 0.67 0.00	38.97 0.71 0.00	38.58 0.73 0.00	43.02 0.79 0.00	52.64 0.94 0.00	71.29 1.05 0.00	67.76 1.17 0.00	68.58 1.09 0.00	69.84 1.10 0.00	70.11 1.32 0.00	52.66 1.23 0.00	55.43 1.19 0.00	56.92 1.20 0.00
ALBANY___LFGE 323615	44.72 1.29 0.00	45.33 1.19 0.00	43.89 1.16 0.00	42.34 1.16 0.00	43.71 1.19 0.00	40.26 1.07 0.00	40.15 1.12 0.00	42.39 1.14 0.00	41.42 1.12 0.00	37.72 1.01 0.00	39.42 1.02 0.00	43.46 1.06 0.00	39.34 1.08 0.00	38.95 1.09 0.00	43.45 1.21 0.00	53.18 1.48 0.00	72.05 1.82 0.00	68.49 1.89 0.00	69.31 1.82 0.00	70.57 1.83 0.00	70.82 2.04 0.00	53.17 1.75 0.00	55.97 1.73 0.00	57.45 1.73 0.00
ALCOA_PA_115KV_PL-6C 55860	43.60 0.17 0.00	44.52 0.39 0.00	43.13 0.40 0.00	41.52 0.34 0.00	42.88 0.36 0.00	39.55 0.35 0.00	39.39 0.36 0.00	41.80 0.55 0.00	40.73 0.42 0.00	37.00 0.27 0.00	38.73 0.32 0.00	42.73 0.33 0.00	38.52 0.27 0.00	38.15 0.29 0.00	42.61 0.38 0.00	52.25 0.54 0.00	71.13 0.89 0.00	67.16 0.57 0.00	68.03 0.55 0.00	69.57 0.83 0.00	69.62 0.84 0.00	52.03 0.61 0.00	55.10 0.86 0.00	56.70 0.98 0.00
ALCOA_RYNLDS___DRP 24188	43.60 0.17 0.00	44.52 0.39 0.00	43.13 0.40 0.00	41.52 0.34 0.00	42.88 0.36 0.00	39.55 0.35 0.00	39.39 0.36 0.00	41.80 0.55 0.00	40.73 0.42 0.00	37.00 0.27 0.00	38.73 0.32 0.00	42.73 0.33 0.00	38.52 0.27 0.00	38.15 0.29 0.00	42.61 0.38 0.00	52.25 0.54 0.00	71.13 0.89 0.00	67.16 0.57 0.00	68.03 0.55 0.00	69.57 0.83 0.00	69.62 0.84 0.00	52.03 0.61 0.00	55.10 0.86 0.00	56.70 0.98 0.00
ALCOA___DSASP 323711	43.60 0.17 0.00	44.52 0.39 0.00	43.13 0.40 0.00	41.52 0.34 0.00	42.88 0.36 0.00	39.55 0.35 0.00	39.39 0.36 0.00	41.80 0.55 0.00	40.73 0.42 0.00	37.00 0.27 0.00	38.73 0.32 0.00	42.73 0.33 0.00	38.52 0.27 0.00	38.15 0.29 0.00	42.61 0.38 0.00	52.25 0.54 0.00	71.13 0.89 0.00	67.16 0.57 0.00	68.03 0.55 0.00	69.57 0.83 0.00	69.62 0.84 0.00	52.03 0.61 0.00	55.10 0.86 0.00	56.70 0.98 0.00
ALLEGHENY___COGEN 23514	44.58 1.15 0.00	45.25 1.12 0.00	44.01 1.28 0.00	42.34 1.16 0.00	43.87 1.35 0.00	40.59 1.39 0.00	40.64 1.60 0.00	43.03 1.79 0.00	42.55 2.24 0.00	38.58 1.85 0.00	40.25 1.84 0.00	44.70 2.29 0.00	40.13 1.88 0.00	39.85 2.00 0.00	44.64 2.40 0.00	54.51 2.80 0.00	74.34 4.10 0.00	70.38 3.78 0.00	71.37 3.88 0.00	71.66 2.91 0.00	70.26 1.48 0.00	52.00 0.57 0.00	54.42 0.18 0.00	55.85 0.13 0.00
ALTAMONT_115KV_TB 2 55880	44.43 1.00 0.00	45.06 0.92 0.00	43.61 0.88 0.00	42.08 0.90 0.00	43.43 0.91 0.00	40.00 0.80 0.00	39.89 0.86 0.00	42.14 0.89 0.00	41.17 0.87 0.00	37.50 0.78 0.00	39.18 0.78 0.00	43.22 0.81 0.00	39.05 0.79 0.00	38.64 0.79 0.00	43.08 0.85 0.00	52.73 1.02 0.00	71.49 1.25 0.00	67.93 1.34 0.00	68.80 1.32 0.00	70.10 1.36 0.00	70.32 1.54 0.00	52.71 1.29 0.00	55.55 1.31 0.00	57.03 1.31 0.00
ALTONA_WT_PWR 323606	42.66 -0.77 0.00	43.68 -0.46 0.00	42.32 -0.41 0.00	40.81 -0.37 0.00	42.16 -0.36 0.00	38.93 -0.27 0.00	38.71 -0.32 0.00	41.20 -0.05 0.00	40.17 -0.13 0.00	36.53 -0.19 0.00	38.25 -0.15 0.00	42.38 -0.02 0.00	38.28 0.02 0.00	38.04 0.19 0.00	42.58 0.35 0.00	52.37 0.67 0.00	71.69 1.45 0.00	67.71 1.12 0.00	68.44 0.96 0.00	70.01 1.27 0.00	70.32 1.54 0.00	52.57 1.15 0.00	55.57 1.33 0.00	57.07 1.35 0.00
AMERICAN_REF_FUEL 24010	42.08 -1.35 0.00	42.92 -1.21 0.00	41.80 -0.94 0.00	40.07 -1.11 0.00	41.34 -1.18 0.00	38.38 -0.82 0.00	38.04 -0.99 0.00	39.83 -1.42 0.00	39.56 -0.75 0.00	36.37 -0.35 0.00	38.10 -0.30 0.00	42.30 -0.11 0.00	37.66 -0.59 0.00	37.19 -0.66 0.00	41.40 -0.83 0.00	50.02 -1.69 0.00	67.91 -2.33 0.00	63.79 -2.81 0.00	64.73 -2.76 0.00	65.01 -3.74 0.00	63.68 -5.11 0.00	47.43 -4.00 0.00	50.12 -4.12 0.00	51.93 -3.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.38 -2.05 0.00	42.47 -1.67 0.00	41.30 -1.43 0.00	39.70 -1.48 0.00	41.39 -1.13 0.00	38.40 -0.80 0.00	38.56 -0.47 0.00	40.87 -0.39 0.00	40.60 0.30 0.00	37.49 0.77 0.00	39.26 0.86 0.00	43.67 1.26 0.00	39.03 0.78 0.00	38.56 0.71 0.00	42.97 0.73 0.00	52.15 0.44 0.00	70.64 0.40 0.00	66.52 -0.07 0.00	67.35 -0.14 0.00	66.71 -2.04 0.00	64.29 -4.49 0.00	47.52 -3.90 0.00	50.50 -3.74 0.00	52.65 -3.07 0.00
ARTHUR KILL_GT_1 23520	46.28 2.86 0.00	46.86 2.73 0.00	45.32 2.58 0.00	43.74 2.56 0.00	45.10 2.58 0.00	41.64 2.44 0.00	41.61 2.58 0.00	43.89 2.64 0.00	42.80 2.50 0.00	39.03 2.30 0.00	40.80 2.40 0.00	44.91 2.50 0.00	40.52 2.27 0.00	40.09 2.24 0.00	44.62 2.39 0.00	54.67 2.96 0.00	73.82 3.58 0.00	70.36 3.77 0.00	71.47 3.98 0.00	72.97 4.22 0.00	73.09 4.31 0.00	54.66 3.24 0.00	57.51 3.27 0.00	58.82 3.10 0.00
ARTHUR_KILL_2 23512	46.16 2.73 0.00	46.74 2.60 0.00	45.19 2.46 0.00	43.62 2.44 0.00	44.97 2.46 0.00	41.52 2.33 0.00	41.50 2.46 0.00	43.77 2.52 0.00	42.68 2.38 0.00	38.93 2.21 0.00	40.71 2.31 0.00	44.80 2.39 0.00	40.42 2.16 0.00	40.00 2.15 0.00	44.51 2.28 0.00	54.51 2.81 0.00	73.58 3.34 0.00	70.14 3.55 0.00	71.24 3.74 0.00	72.74 3.99 0.00	72.88 4.10 0.00	54.50 3.07 0.00	57.34 3.10 0.00	58.65 2.94 0.00
ARTHUR_KILL_3 23513	45.45 2.02 0.00	46.03 1.90 0.00	44.52 1.78 0.00	42.99 1.80 0.00	44.33 1.81 0.00	40.90 1.71 0.00	40.90 1.87 0.00	43.36 2.11 0.00	42.30 2.00 0.00	38.60 1.87 0.00	40.40 2.00 0.00	44.49 2.09 0.00	40.18 1.92 0.00	39.75 1.89 0.00	44.22 1.99 0.00	54.11 2.40 0.00	73.35 3.11 0.00	69.87 3.28 0.00	70.85 3.36 0.00	72.31 3.56 0.00	72.57 3.79 0.00	54.29 2.86 0.00	57.12 2.88 0.00	58.43 2.71 0.00

ARTHUR_KILL_COGEN 323718	46.28 <u>2.86</u> 0.00	46.86 <u>2.73</u> 0.00	45.32 <u>2.58</u> 0.00	43.74 <u>2.56</u> 0.00	45.10 <u>2.58</u> 0.00	41.64 <u>2.44</u> 0.00	41.62 <u>2.58</u> 0.00	43.89 <u>2.64</u> 0.00	42.80 <u>2.50</u> 0.00	39.03 <u>2.30</u> 0.00	40.81 <u>2.40</u> 0.00	44.91 <u>2.50</u> 0.00	40.52 <u>2.26</u> 0.00	40.09 <u>2.24</u> 0.00	44.62 <u>2.39</u> 0.00	54.67 <u>2.96</u> 0.00	73.82 <u>3.58</u> 0.00	70.36 <u>3.77</u> 0.00	71.47 <u>3.98</u> 0.00	72.97 <u>4.22</u> 0.00	73.09 <u>4.31</u> 0.00	54.67 <u>3.24</u> 0.00	57.51 <u>3.27</u> 0.00	58.82 <u>3.10</u> 0.00
ASHOKAN____ 23654	45.92 <u>2.49</u> 0.00	46.43 <u>2.30</u> 0.00	44.90 <u>2.17</u> 0.00	43.31 <u>2.12</u> 0.00	44.70 <u>2.18</u> 0.00	41.26 <u>2.06</u> 0.00	41.31 <u>2.27</u> 0.00	43.72 <u>2.48</u> 0.00	42.73 <u>2.43</u> 0.00	38.86 <u>2.14</u> 0.00	40.65 <u>2.25</u> 0.00	44.90 <u>2.49</u> 0.00	40.41 <u>2.15</u> 0.00	39.96 <u>2.10</u> 0.00	44.61 <u>2.38</u> 0.00	54.82 <u>3.11</u> 0.00	74.75 <u>4.51</u> 0.00	71.28 <u>4.69</u> 0.00	72.26 <u>4.77</u> 0.00	73.53 <u>4.79</u> 0.00	73.56 <u>4.78</u> 0.00	54.93 <u>3.51</u> 0.00	57.77 <u>3.53</u> 0.00	59.05 <u>3.33</u> 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.60 <u>2.18</u> 0.00	46.14 <u>2.01</u> 0.00	44.75 <u>2.02</u> 0.00	43.26 <u>2.08</u> 0.00	44.45 <u>1.94</u> 0.00	41.06 <u>1.86</u> 0.00	41.06 <u>2.02</u> 0.00	43.55 <u>2.30</u> 0.00	42.44 <u>2.14</u> 0.00	38.81 <u>2.08</u> 0.00	40.78 <u>2.38</u> 0.00	44.76 <u>2.36</u> 0.00	40.43 <u>2.17</u> 0.00	39.98 <u>2.12</u> 0.00	44.41 <u>2.18</u> 0.00	54.26 <u>2.55</u> 0.00	73.17 <u>2.94</u> 0.00	69.78 <u>3.19</u> 0.00	70.87 <u>3.38</u> 0.00	72.39 <u>3.64</u> 0.00	72.62 <u>3.84</u> 0.00	54.41 <u>2.99</u> 0.00	57.27 <u>3.03</u> 0.00	58.54 <u>2.81</u> 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.60 <u>2.18</u> 0.00	46.14 <u>2.01</u> 0.00	44.75 <u>2.02</u> 0.00	43.26 <u>2.08</u> 0.00	44.46 <u>1.94</u> 0.00	41.06 <u>1.86</u> 0.00	41.06 <u>2.02</u> 0.00	43.55 <u>2.30</u> 0.00	42.44 <u>2.14</u> 0.00	38.81 <u>2.08</u> 0.00	40.78 <u>2.38</u> 0.00	44.76 <u>2.36</u> 0.00	40.42 <u>2.16</u> 0.00	39.97 <u>2.12</u> 0.00	44.41 <u>2.18</u> 0.00	54.26 <u>2.55</u> 0.00	73.17 <u>2.94</u> 0.00	69.78 <u>3.19</u> 0.00	70.87 <u>3.38</u> 0.00	72.39 <u>3.64</u> 0.00	72.62 <u>3.84</u> 0.00	54.41 <u>2.99</u> 0.00	57.27 <u>3.03</u> 0.00	58.54 <u>2.81</u> 0.00
ASTORIA_GT2_1 24094	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT2_2 24095	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT2_3 24096	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT2_4 24097	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT3_1 24098	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT3_2 24099	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT3_3 24100	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT3_4 24101	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT4_1 24102	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT4_2 24103	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00
ASTORIA_GT4_3 24104	45.64 <u>2.21</u> 0.00	46.16 <u>2.03</u> 0.00	44.77 <u>2.03</u> 0.00	43.29 <u>2.11</u> 0.00	44.48 <u>1.97</u> 0.00	41.08 <u>1.88</u> 0.00	41.07 <u>2.04</u> 0.00	43.56 <u>2.31</u> 0.00	42.46 <u>2.15</u> 0.00	38.84 <u>2.11</u> 0.00	40.79 <u>2.39</u> 0.00	44.78 <u>2.37</u> 0.00	40.43 <u>2.18</u> 0.00	39.99 <u>2.14</u> 0.00	44.42 <u>2.19</u> 0.00	54.27 <u>2.57</u> 0.00	73.22 <u>2.98</u> 0.00	69.81 <u>3.22</u> 0.00	70.90 <u>3.41</u> 0.00	72.43 <u>3.69</u> 0.00	72.68 <u>3.90</u> 0.00	54.45 <u>3.02</u> 0.00	57.31 <u>3.07</u> 0.00	58.57 <u>2.85</u> 0.00

ASTORIA_GT4_4 24105	45.64 2.21 0.00	46.16 2.03 0.00	44.77 2.03 0.00	43.29 2.11 0.00	44.48 1.97 0.00	41.08 1.88 0.00	41.07 2.04 0.00	43.56 2.31 0.00	42.46 2.15 0.00	38.84 2.11 0.00	40.79 2.39 0.00	44.78 2.37 0.00	40.43 2.18 0.00	39.99 2.14 0.00	44.42 2.19 0.00	54.27 2.57 0.00	73.22 2.98 0.00	69.81 3.22 0.00	70.90 3.41 0.00	72.43 3.69 0.00	72.68 3.90 0.00	54.45 3.02 0.00	57.31 3.07 0.00	58.57 2.85 0.00
ASTORIA_GT_1 23523	45.72 2.29 0.00	46.26 2.12 0.00	44.85 2.11 0.00	43.37 2.18 0.00	44.55 2.04 0.00	41.15 1.95 0.00	41.16 2.12 0.00	43.65 2.40 0.00	42.55 2.24 0.00	38.91 2.19 0.00	40.87 2.47 0.00	44.87 2.46 0.00	40.51 2.26 0.00	40.07 2.22 0.00	44.52 2.29 0.00	54.38 2.67 0.00	73.37 3.13 0.00	69.96 3.37 0.00	71.04 3.56 0.00	72.58 3.83 0.00	72.81 4.03 0.00	54.55 3.13 0.00	57.41 3.17 0.00	58.68 2.96 0.00
ASTORIA_GT_10 24110	45.74 2.31 0.00	46.32 2.19 0.00	44.83 2.10 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.24 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.82 2.41 0.00	40.46 2.20 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.41 2.70 0.00	73.62 3.38 0.00	70.08 3.49 0.00	71.10 3.61 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 3.00 0.00
ASTORIA_GT_11 24225	45.74 2.31 0.00	46.32 2.19 0.00	44.83 2.10 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.24 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.82 2.41 0.00	40.46 2.20 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.41 2.70 0.00	73.62 3.38 0.00	70.08 3.49 0.00	71.10 3.61 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 3.00 0.00
ASTORIA_GT_12 24226	45.74 2.31 0.00	46.32 2.19 0.00	44.83 2.10 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.24 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.82 2.41 0.00	40.46 2.20 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.41 2.70 0.00	73.62 3.38 0.00	70.08 3.49 0.00	71.10 3.61 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 3.00 0.00
ASTORIA_GT_13 24227	45.74 2.31 0.00	46.32 2.19 0.00	44.83 2.10 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.24 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.82 2.41 0.00	40.46 2.20 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.41 2.70 0.00	73.62 3.38 0.00	70.08 3.49 0.00	71.10 3.61 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 3.00 0.00
ASTORIA_GT_5 24106	45.72 2.29 0.00	46.26 2.12 0.00	44.85 2.11 0.00	43.37 2.18 0.00	44.55 2.04 0.00	41.15 1.95 0.00	41.16 2.12 0.00	43.65 2.40 0.00	42.55 2.24 0.00	38.91 2.19 0.00	40.87 2.47 0.00	44.87 2.46 0.00	40.51 2.26 0.00	40.07 2.22 0.00	44.52 2.29 0.00	54.38 2.67 0.00	73.37 3.13 0.00	69.96 3.37 0.00	71.04 3.56 0.00	72.58 3.83 0.00	72.81 4.03 0.00	54.55 3.13 0.00	57.41 3.17 0.00	58.68 2.96 0.00
ASTORIA_GT_7 24107	45.72 2.29 0.00	46.26 2.12 0.00	44.85 2.11 0.00	43.37 2.18 0.00	44.55 2.04 0.00	41.15 1.95 0.00	41.16 2.12 0.00	43.65 2.40 0.00	42.55 2.24 0.00	38.91 2.19 0.00	40.87 2.47 0.00	44.87 2.46 0.00	40.51 2.26 0.00	40.07 2.22 0.00	44.52 2.29 0.00	54.38 2.67 0.00	73.37 3.13 0.00	69.96 3.37 0.00	71.04 3.56 0.00	72.58 3.83 0.00	72.81 4.03 0.00	54.55 3.13 0.00	57.41 3.17 0.00	58.68 2.96 0.00
ASTORIA_GT_8 24108	45.72 2.29 0.00	46.26 2.12 0.00	44.85 2.11 0.00	43.37 2.18 0.00	44.55 2.04 0.00	41.15 1.95 0.00	41.16 2.12 0.00	43.65 2.40 0.00	42.55 2.24 0.00	38.91 2.19 0.00	40.87 2.47 0.00	44.87 2.46 0.00	40.51 2.26 0.00	40.07 2.22 0.00	44.52 2.29 0.00	54.38 2.67 0.00	73.37 3.13 0.00	69.96 3.37 0.00	71.04 3.56 0.00	72.58 3.83 0.00	72.81 4.03 0.00	54.55 3.13 0.00	57.41 3.17 0.00	58.68 2.96 0.00
ASTORIA___2 24149	45.63 2.21 0.00	46.16 2.03 0.00	44.77 2.04 0.00	43.29 2.11 0.00	44.48 1.97 0.00	41.08 1.88 0.00	41.07 2.04 0.00	43.56 2.31 0.00	42.46 2.15 0.00	38.83 2.11 0.00	40.79 2.39 0.00	44.77 2.37 0.00	40.43 2.17 0.00	39.99 2.14 0.00	44.42 2.19 0.00	54.27 2.56 0.00	73.21 2.98 0.00	69.81 3.22 0.00	70.90 3.41 0.00	72.43 3.69 0.00	72.67 3.89 0.00	54.45 3.02 0.00	57.32 3.08 0.00	58.57 2.85 0.00
ASTORIA___3 23516	45.73 2.31 0.00	46.32 2.19 0.00	44.83 2.09 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.23 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.81 2.40 0.00	40.45 2.19 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.40 2.70 0.00	73.61 3.37 0.00	70.08 3.49 0.00	71.09 3.60 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 2.99 0.00
ASTORIA___4 23517	45.74 2.31 0.00	46.32 2.19 0.00	44.83 2.10 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.24 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.82 2.41 0.00	40.46 2.20 0.00	40.00 2.15 0.00	44.49 2.26 0.00	54.41 2.70 0.00	73.61 3.37 0.00	70.08 3.49 0.00	71.10 3.61 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 3.00 0.00
ASTORIA___5 23518	45.73 2.31 0.00	46.32 2.19 0.00	44.83 2.09 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.23 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.81 2.40 0.00	40.45 2.19 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.40 2.70 0.00	73.61 3.37 0.00	70.08 3.48 0.00	71.08 3.59 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 2.99 0.00
AST_ENERGY_2_CC3 323677	45.11 1.69 0.00	45.64 1.51 0.00	44.36 1.63 0.00	42.98 1.80 0.00	44.06 1.54 0.00	40.61 1.42 0.00	40.61 1.57 0.00	43.07 1.82 0.00	41.98 1.68 0.00	38.57 1.85 0.00	40.52 2.12 0.00	44.47 2.06 0.00	40.17 1.91 0.00	39.73 1.87 0.00	44.10 1.87 0.00	53.65 1.94 0.00	72.36 2.12 0.00	69.01 2.42 0.00	70.10 2.61 0.00	71.63 2.89 0.00	71.87 3.09 0.00	53.87 2.44 0.00	56.67 2.43 0.00	57.91 2.19 0.00
AST_ENERGY_2_CC4 323678	45.11 1.69 0.00	45.64 1.51 0.00	44.36 1.63 0.00	42.98 1.80 0.00	44.06 1.54 0.00	40.61 1.42 0.00	40.61 1.57 0.00	43.07 1.82 0.00	41.98 1.68 0.00	38.57 1.85 0.00	40.52 2.12 0.00	44.47 2.06 0.00	40.17 1.91 0.00	39.73 1.87 0.00	44.10 1.87 0.00	53.65 1.94 0.00	72.36 2.12 0.00	69.01 2.42 0.00	70.10 2.61 0.00	71.63 2.89 0.00	71.87 3.09 0.00	53.87 2.44 0.00	56.67 2.43 0.00	57.91 2.19 0.00

ATHENS_STG_1 23668	44.65 1.22 0.00	45.24 1.11 0.00	43.78 1.05 0.00	42.24 1.06 0.00	43.59 1.07 0.00	40.17 0.97 0.00	40.08 1.05 0.00	42.39 1.14 0.00	41.39 1.09 0.00	37.72 1.00 0.00	39.44 1.04 0.00	43.53 1.12 0.00	39.32 1.06 0.00	38.86 1.01 0.00	43.27 1.03 0.00	52.91 1.20 0.00	71.71 1.47 0.00	68.16 1.57 0.00	69.09 1.60 0.00	70.41 1.66 0.00	70.65 1.86 0.00	52.94 1.51 0.00	55.80 1.56 0.00	57.30 1.58 0.00
ATHENS_STG_2 23670	44.65 1.22 0.00	45.24 1.11 0.00	43.78 1.05 0.00	42.24 1.06 0.00	43.59 1.07 0.00	40.17 0.97 0.00	40.08 1.05 0.00	42.39 1.14 0.00	41.39 1.09 0.00	37.72 1.00 0.00	39.44 1.04 0.00	43.53 1.12 0.00	39.32 1.06 0.00	38.86 1.01 0.00	43.27 1.03 0.00	52.91 1.20 0.00	71.71 1.47 0.00	68.16 1.57 0.00	69.09 1.60 0.00	70.41 1.66 0.00	70.65 1.86 0.00	52.94 1.51 0.00	55.80 1.56 0.00	57.30 1.58 0.00
ATHENS_STG_3 23677	44.65 1.22 0.00	45.24 1.11 0.00	43.78 1.05 0.00	42.24 1.06 0.00	43.59 1.07 0.00	40.17 0.97 0.00	40.08 1.05 0.00	42.39 1.14 0.00	41.39 1.09 0.00	37.72 1.00 0.00	39.44 1.04 0.00	43.53 1.12 0.00	39.32 1.06 0.00	38.86 1.01 0.00	43.27 1.03 0.00	52.91 1.20 0.00	71.71 1.47 0.00	68.16 1.57 0.00	69.09 1.60 0.00	70.41 1.66 0.00	70.65 1.86 0.00	52.94 1.51 0.00	55.80 1.56 0.00	57.30 1.58 0.00
AUBURN___LFGE 323710	43.63 0.20 0.00	44.34 0.21 0.00	42.92 0.18 0.00	41.36 0.17 0.00	42.59 0.07 0.00	39.36 0.17 0.00	39.23 0.19 0.00	41.36 0.11 0.00	40.54 0.23 0.00	36.96 0.24 0.00	38.54 0.14 0.00	42.47 0.06 0.00	38.21 -0.05 0.00	37.89 0.04 0.00	42.40 0.16 0.00	51.96 0.25 0.00	70.64 0.40 0.00	66.99 0.40 0.00	67.92 0.43 0.00	68.92 0.18 0.00	68.66 -0.12 0.00	51.05 -0.37 0.00	53.88 -0.36 0.00	55.12 -0.60 0.00
BABYLON_RES_REC 323704	46.23 2.80 0.00	46.69 2.55 0.00	45.01 2.27 0.00	43.45 2.27 0.00	44.86 2.35 0.00	41.42 2.22 0.00	41.46 2.42 0.00	43.79 2.54 0.00	42.47 2.09 -0.08	39.15 2.08 -0.35	40.73 2.33 0.00	44.80 2.39 0.00	40.25 1.99 0.00	39.89 2.04 0.00	44.45 2.22 0.00	54.65 2.95 0.00	76.45 4.17 -2.04	80.31 4.27 -9.45	74.67 4.49 -2.69	77.53 4.51 -4.27	76.27 4.70 -2.79	57.91 3.52 -2.97	60.79 3.71 -2.84	60.43 3.66 -1.05
BALL_HILL_WT_PWR 323825	42.17 -1.26 0.00	43.06 -1.07 0.00	41.91 -0.82 0.00	40.23 -0.95 0.00	41.69 -0.83 0.00	38.58 -0.62 0.00	38.59 -0.44 0.00	40.72 -0.54 0.00	40.36 0.06 0.00	37.14 0.42 0.00	38.91 0.51 0.00	43.26 0.86 0.00	38.64 0.38 0.00	38.17 0.32 0.00	42.53 0.30 0.00	51.58 -0.13 0.00	69.86 -0.38 0.00	65.76 -0.84 0.00	66.66 -0.83 0.00	66.69 -2.06 0.00	65.08 -3.70 0.00	48.21 -3.21 0.00	51.06 -3.18 0.00	52.93 -2.79 0.00
BARON_WINDS___WT_PWR 323822	41.54 -1.88 0.00	42.23 -1.90 0.00	41.15 -1.58 0.00	39.67 -1.51 0.00	41.16 -1.35 0.00	37.95 -1.25 0.00	38.07 -0.96 0.00	40.35 -0.90 0.00	39.93 -0.38 0.00	36.35 -0.37 0.00	37.92 -0.48 0.00	42.33 -0.08 0.00	38.08 -0.18 0.00	37.81 -0.04 0.00	42.41 0.18 0.00	51.86 0.15 0.00	70.35 0.12 0.00	66.45 -0.14 0.00	67.25 -0.24 0.00	67.45 -1.30 0.00	66.05 -2.73 0.00	48.69 -2.74 0.00	50.92 -3.32 0.00	52.21 -3.51 0.00
BARRETT_IC_1 23704	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_10 23701	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_11 23702	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_12 23703	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_2 23705	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_3 23706	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_4 23707	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_5 23708	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00

BARRETT_IC_6 23709	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_7 23710	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.91 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.85 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.49 0.00	71.12 3.64 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.39 3.15 0.00	58.86 3.14 0.00
BARRETT_IC_8 23711	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT_IC_9 23700	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT___1 23545	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BARRETT___2 23546	45.87 2.44 0.00	46.31 2.18 0.00	44.67 1.94 0.00	43.14 1.96 0.00	44.55 2.04 0.00	41.11 1.91 0.00	41.13 2.10 0.00	43.46 2.21 0.00	42.15 1.85 0.00	38.63 1.90 0.00	40.55 2.15 0.00	44.65 2.24 0.00	40.15 1.90 0.00	39.70 1.84 0.00	44.07 1.84 0.00	54.11 2.41 0.00	73.50 3.26 0.00	70.08 3.48 0.00	71.12 3.63 0.00	72.45 3.70 0.00	72.65 3.87 0.00	54.34 2.92 0.00	57.38 3.14 0.00	58.86 3.14 0.00
BATAVIA___115KV_TB1 55881	43.81 0.38 0.00	44.63 0.50 0.00	43.37 0.63 0.00	41.60 0.42 0.00	42.96 0.44 0.00	39.84 0.64 0.00	39.66 0.63 0.00	41.68 0.43 0.00	41.30 0.99 0.00	37.65 0.92 0.00	39.13 0.73 0.00	43.40 1.00 0.00	38.87 0.61 0.00	38.47 0.62 0.00	43.06 0.83 0.00	52.37 0.66 0.00	71.36 1.12 0.00	67.28 0.69 0.00	68.20 0.71 0.00	68.55 -0.20 0.00	67.33 -1.45 0.00	50.05 -1.38 0.00	52.82 -1.42 0.00	54.55 -1.17 0.00
BAYONEEC___CTG1 323682	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG10 323750	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG2 323683	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG3 323684	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG4 323685	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG5 323686	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG6 323687	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG7 323688	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00

BAYONEEC___CTG8 323689	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BAYONEEC___CTG9 323749	45.62 2.19 0.00	46.20 2.07 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.05 1.85 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.43 2.12 0.00	38.72 2.00 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.03 3.54 0.00	72.49 3.74 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
BEACON___LESR 323632	44.97 1.54 0.00	45.69 1.55 0.00	44.14 1.40 0.00	42.56 1.37 0.00	43.93 1.41 0.00	40.47 1.27 0.00	40.49 1.46 0.00	42.84 1.59 0.00	41.76 1.46 0.00	37.98 1.26 0.00	39.70 1.30 0.00	43.85 1.45 0.00	39.56 1.30 0.00	39.15 1.29 0.00	43.74 1.50 0.00	53.64 1.93 0.00	72.59 2.36 0.00	69.06 2.46 0.00	69.92 2.43 0.00	71.11 2.37 0.00	71.35 2.57 0.00	53.52 2.09 0.00	56.25 2.01 0.00	57.74 2.02 0.00
BEAVER RIVER___HYD 24048	42.31 -1.11 0.00	43.05 -1.08 0.00	41.51 -1.23 0.00	39.81 -1.37 0.00	41.15 -1.37 0.00	37.64 -1.55 0.00	37.75 -1.29 0.00	40.65 -0.60 0.00	39.73 -0.57 0.00	36.26 -0.46 0.00	38.19 -0.21 0.00	41.98 -0.43 0.00	37.60 -0.65 0.00	37.02 -0.83 0.00	41.58 -0.66 0.00	51.81 0.10 0.00	70.97 0.73 0.00	67.40 0.81 0.00	68.27 0.78 0.00	69.30 0.56 0.00	69.13 0.35 0.00	51.92 0.49 0.00	54.80 0.56 0.00	56.16 0.43 0.00
BEEBEE_GT_13 23619	43.36 -0.07 0.00	44.12 -0.01 0.00	42.82 0.08 0.00	41.13 -0.06 0.00	42.45 -0.07 0.00	39.27 0.07 0.00	39.14 0.10 0.00	41.19 -0.06 0.00	40.65 0.35 0.00	37.22 0.50 0.00	38.91 0.51 0.00	43.13 0.72 0.00	38.67 0.42 0.00	38.26 0.41 0.00	42.68 0.45 0.00	51.89 0.18 0.00	70.54 0.31 0.00	66.61 0.02 0.00	67.54 0.06 0.00	68.17 -0.57 0.00	67.35 -1.44 0.00	50.12 -1.31 0.00	52.83 -1.41 0.00	54.42 -1.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.12 2.69 0.00	46.68 2.55 0.00	45.14 2.41 0.00	43.56 2.38 0.00	44.91 2.39 0.00	41.47 2.27 0.00	41.47 2.43 0.00	43.91 2.66 0.00	42.84 2.54 0.00	39.10 2.37 0.00	40.94 2.54 0.00	45.08 2.68 0.00	40.69 2.43 0.00	40.25 2.40 0.00	44.79 2.55 0.00	54.80 3.09 0.00	74.12 3.88 0.00	70.64 4.05 0.00	71.73 4.24 0.00	73.28 4.53 0.00	73.48 4.70 0.00	54.95 3.53 0.00	57.79 3.55 0.00	59.09 3.37 0.00
BETHLEHEM___GRP 23843	44.32 0.89 0.00	44.95 0.81 0.00	43.51 0.78 0.00	41.99 0.81 0.00	43.34 0.82 0.00	39.92 0.72 0.00	39.81 0.77 0.00	42.03 0.78 0.00	41.07 0.76 0.00	37.40 0.67 0.00	39.08 0.67 0.00	43.07 0.67 0.00	38.97 0.71 0.00	38.58 0.73 0.00	43.02 0.79 0.00	52.64 0.94 0.00	71.29 1.05 0.00	67.76 1.17 0.00	68.58 1.09 0.00	69.84 1.10 0.00	70.11 1.32 0.00	52.66 1.23 0.00	55.43 1.19 0.00	56.92 1.20 0.00
BETHLEHEM___GS1 323560	44.32 0.90 0.00	44.95 0.82 0.00	43.51 0.78 0.00	41.99 0.81 0.00	43.33 0.82 0.00	39.92 0.72 0.00	39.81 0.77 0.00	42.03 0.78 0.00	41.07 0.76 0.00	37.40 0.67 0.00	39.08 0.67 0.00	43.08 0.66 0.00	38.96 0.71 0.00	38.58 0.73 0.00	43.02 0.79 0.00	52.64 0.93 0.00	71.29 1.05 0.00	67.75 1.16 0.00	68.58 1.09 0.00	69.84 1.09 0.00	70.10 1.32 0.00	52.66 1.23 0.00	55.43 1.19 0.00	56.92 1.20 0.00
BETHLEHEM___GS2 323561	44.32 0.90 0.00	44.95 0.82 0.00	43.51 0.78 0.00	41.99 0.81 0.00	43.33 0.82 0.00	39.92 0.72 0.00	39.81 0.77 0.00	42.03 0.78 0.00	41.07 0.76 0.00	37.40 0.67 0.00	39.08 0.67 0.00	43.08 0.66 0.00	38.96 0.71 0.00	38.58 0.73 0.00	43.02 0.79 0.00	52.64 0.93 0.00	71.29 1.05 0.00	67.75 1.16 0.00	68.58 1.09 0.00	69.84 1.09 0.00	70.10 1.32 0.00	52.66 1.23 0.00	55.43 1.19 0.00	56.92 1.20 0.00
BETHLEHEM___GS3 323562	44.32 0.90 0.00	44.95 0.82 0.00	43.51 0.78 0.00	41.99 0.81 0.00	43.33 0.82 0.00	39.92 0.72 0.00	39.81 0.77 0.00	42.03 0.78 0.00	41.07 0.76 0.00	37.40 0.67 0.00	39.08 0.67 0.00	43.08 0.66 0.00	38.96 0.71 0.00	38.58 0.73 0.00	43.02 0.79 0.00	52.64 0.93 0.00	71.29 1.05 0.00	67.75 1.16 0.00	68.58 1.09 0.00	69.84 1.09 0.00	70.10 1.32 0.00	52.66 1.23 0.00	55.43 1.19 0.00	56.92 1.20 0.00
BETHLEHEM___STEEL 23779	42.73 -0.70 0.00	43.59 -0.55 0.00	42.41 -0.32 0.00	40.67 -0.51 0.00	42.03 -0.49 0.00	38.92 -0.27 0.00	38.86 -0.17 0.00	40.91 -0.34 0.00	40.60 0.29 0.00	37.31 0.59 0.00	39.10 0.70 0.00	43.45 1.05 0.00	38.76 0.50 0.00	38.29 0.43 0.00	42.65 0.42 0.00	51.69 -0.01 0.00	70.11 -0.13 0.00	65.98 -0.62 0.00	66.91 -0.58 0.00	67.14 -1.61 0.00	65.72 -3.07 0.00	48.77 -2.66 0.00	51.54 -2.70 0.00	53.31 -2.42 0.00
BETHLHEM_115KV_TB1 79974	44.35 0.92 0.00	44.98 0.85 0.00	43.55 0.81 0.00	42.02 0.83 0.00	43.36 0.85 0.00	39.95 0.75 0.00	39.84 0.80 0.00	42.07 0.82 0.00	41.10 0.79 0.00	37.43 0.70 0.00	39.10 0.70 0.00	43.12 0.71 0.00	39.00 0.74 0.00	38.60 0.74 0.00	43.04 0.81 0.00	52.68 0.97 0.00	71.36 1.12 0.00	67.82 1.23 0.00	68.65 1.16 0.00	69.91 1.17 0.00	70.18 1.39 0.00	52.69 1.26 0.00	55.48 1.24 0.00	56.95 1.24 0.00
BETHPAGE_CC_5 323564	46.06 2.63 0.00	46.62 2.49 0.00	44.96 2.23 0.00	43.41 2.23 0.00	44.82 2.30 0.00	41.38 2.18 0.00	41.40 2.37 0.00	43.74 2.49 0.00	42.40 2.10 0.00	38.82 2.09 0.00	40.75 2.35 0.00	44.82 2.41 0.00	40.23 1.98 0.00	39.87 2.02 0.00	44.34 2.11 0.00	54.38 2.67 0.00	74.17 3.50 -0.44	74.61 3.70 -4.31	72.18 3.88 -0.81	74.25 3.93 -1.57	73.66 4.09 -0.79	55.77 3.10 -1.25	58.85 3.44 -1.18	59.64 3.38 -0.54
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.84 -0.59 0.00	43.69 -0.45 0.00	42.50 -0.23 0.00	40.78 -0.40 0.00	42.12 -0.40 0.00	39.01 -0.19 0.00	38.98 -0.06 0.00	41.04 -0.21 0.00	40.72 0.42 0.00	37.44 0.72 0.00	39.23 0.83 0.00	43.60 1.19 0.00	38.89 0.64 0.00	38.43 0.57 0.00	42.81 0.57 0.00	51.87 0.16 0.00	70.35 0.11 0.00	66.21 -0.39 0.00	67.15 -0.34 0.00	67.37 -1.38 0.00	65.96 -2.82 0.00	48.94 -2.49 0.00	51.71 -2.53 0.00	53.49 -2.23 0.00
BINGHAMTON___COGEN 23790	43.21 -0.22 0.00	43.92 -0.22 0.00	42.53 -0.20 0.00	40.97 -0.21 0.00	42.35 -0.17 0.00	38.97 -0.23 0.00	38.90 -0.14 0.00	41.12 -0.13 0.00	40.30 -0.01 0.00	36.78 0.06 0.00	38.38 -0.02 0.00	42.55 0.14 0.00	38.29 0.04 0.00	37.86 0.01 0.00	42.31 0.08 0.00	51.82 0.11 0.00	70.25 0.01 0.00	66.58 -0.01 0.00	67.46 -0.03 0.00	68.47 -0.28 0.00	68.21 -0.57 0.00	50.88 -0.54 0.00	53.59 -0.64 0.00	54.94 -0.78 0.00

BIXINCNT_115KV_LOAD 355685	42.40 -1.02 0.00	43.04 -1.09 0.00	42.06 -0.67 0.00	40.53 -0.65 0.00	41.68 -0.84 0.00	38.78 -0.42 0.00	38.98 -0.05 0.00	41.25 0.00 0.00	41.11 0.81 0.00	37.91 1.18 0.00	39.78 1.38 0.00	44.22 1.81 0.00	39.51 1.25 0.00	39.02 1.17 0.00	43.46 1.23 0.00	52.63 0.93 0.00	71.15 0.91 0.00	67.03 0.44 0.00	67.85 0.36 0.00	67.79 -0.96 0.00	66.19 -2.59 0.00	48.83 -2.60 0.00	51.56 -2.68 0.00	53.75 -1.97 0.00
BLACK RIVER___HYD 24047	42.15 -1.28 0.00	42.87 -1.27 0.00	41.30 -1.43 0.00	39.61 -1.58 0.00	40.90 -1.62 0.00	37.47 -1.73 0.00	37.68 -1.36 0.00	40.67 -0.58 0.00	39.65 -0.66 0.00	36.15 -0.57 0.00	37.90 -0.50 0.00	41.64 -0.76 0.00	37.24 -1.02 0.00	36.53 -1.33 0.00	41.12 -1.11 0.00	51.68 -0.03 0.00	71.27 1.03 0.00	67.89 1.29 0.00	68.80 1.32 0.00	69.71 0.96 0.00	69.36 0.58 0.00	51.90 0.47 0.00	54.67 0.43 0.00	55.99 0.27 0.00
BLACKRVR_115KV_TB2 79977	42.15 -1.28 0.00	42.87 -1.27 0.00	41.30 -1.43 0.00	39.61 -1.58 0.00	40.90 -1.62 0.00	37.47 -1.73 0.00	37.68 -1.36 0.00	40.67 -0.58 0.00	39.65 -0.66 0.00	36.15 -0.57 0.00	37.90 -0.50 0.00	41.64 -0.76 0.00	37.24 -1.02 0.00	36.53 -1.33 0.00	41.12 -1.12 0.00	51.68 -0.03 0.00	71.28 1.04 0.00	67.89 1.29 0.00	68.80 1.32 0.00	69.71 0.96 0.00	69.36 0.58 0.00	51.90 0.47 0.00	54.67 0.43 0.00	55.99 0.27 0.00
BLDWN_LI_69_KV_BK4 356085	46.26 2.84 0.00	46.73 2.59 0.00	45.05 2.32 0.00	43.50 2.32 0.00	44.92 2.40 0.00	41.46 2.27 0.00	41.50 2.46 0.00	43.85 2.60 0.00	42.53 2.22 0.00	38.92 2.20 0.00	40.86 2.45 0.00	44.96 2.56 0.00	40.44 2.18 0.00	40.05 2.19 0.00	44.54 2.30 0.00	54.72 3.01 0.00	74.25 4.02 0.00	70.78 4.19 0.00	71.97 4.48 0.00	73.28 4.53 0.00	73.47 4.68 0.00	54.94 3.52 0.00	57.99 3.75 0.00	59.43 3.71 0.00
BLISS_WT_PWR 323608	42.16 -1.27 0.00	42.74 -1.39 0.00	41.85 -0.89 0.00	40.36 -0.82 0.00	41.46 -1.06 0.00	38.66 -0.54 0.00	38.91 -0.12 0.00	41.22 -0.03 0.00	41.15 0.85 0.00	37.94 1.22 0.00	39.84 1.43 0.00	44.28 1.88 0.00	39.56 1.30 0.00	39.08 1.22 0.00	43.52 1.29 0.00	52.72 1.01 0.00	71.24 1.00 0.00	67.14 0.55 0.00	67.91 0.42 0.00	67.76 -0.99 0.00	66.06 -2.73 0.00	48.67 -2.76 0.00	51.36 -2.87 0.00	53.66 -2.06 0.00
BLUESTONE___WT_PWR 323821	42.36 -1.07 0.00	43.10 -1.03 0.00	41.72 -1.01 0.00	40.30 -0.89 0.00	41.90 -0.62 0.00	39.01 -0.19 0.00	39.29 0.25 0.00	41.83 0.58 0.00	41.25 0.95 0.00	37.37 0.65 0.00	38.66 0.26 0.00	42.70 0.30 0.00	38.29 0.04 0.00	38.41 0.56 0.00	43.83 1.60 0.00	54.50 2.79 0.00	74.57 4.33 0.00	71.15 4.56 0.00	72.06 4.57 0.00	73.11 4.37 0.00	72.75 3.98 0.00	53.77 2.34 0.00	55.51 1.28 0.00	55.15 -0.57 0.00
BLUE_CIRC_CHEM_DRP 24182	44.76 1.33 0.00	45.38 1.25 0.00	43.94 1.20 0.00	42.38 1.20 0.00	43.76 1.24 0.00	40.31 1.11 0.00	40.19 1.16 0.00	42.44 1.19 0.00	41.43 1.13 0.00	37.69 0.97 0.00	39.28 0.88 0.00	43.34 0.93 0.00	39.16 0.90 0.00	38.73 0.88 0.00	43.25 1.01 0.00	53.07 1.36 0.00	71.98 1.74 0.00	68.37 1.78 0.00	69.22 1.73 0.00	70.48 1.74 0.00	70.71 1.93 0.00	53.03 1.61 0.00	55.88 1.64 0.00	57.39 1.67 0.00
BOC_GAS_DRP 24189	44.37 0.94 0.00	44.99 0.85 0.00	43.55 0.81 0.00	42.02 0.83 0.00	43.37 0.85 0.00	39.94 0.75 0.00	39.84 0.80 0.00	42.09 0.84 0.00	41.10 0.80 0.00	37.44 0.72 0.00	39.14 0.74 0.00	43.18 0.77 0.00	39.01 0.76 0.00	38.60 0.74 0.00	43.04 0.81 0.00	52.67 0.96 0.00	71.36 1.13 0.00	67.80 1.21 0.00	68.68 1.19 0.00	69.97 1.23 0.00	70.20 1.42 0.00	52.62 1.19 0.00	55.45 1.21 0.00	56.95 1.23 0.00
BOONVILLE_115KV_TB1 79983	43.64 0.21 0.00	44.35 0.21 0.00	42.86 0.13 0.00	41.19 0.01 0.00	42.59 0.08 0.00	39.16 -0.03 0.00	39.19 0.16 0.00	41.80 0.55 0.00	40.91 0.60 0.00	37.34 0.62 0.00	39.12 0.72 0.00	43.06 0.65 0.00	38.73 0.47 0.00	38.19 0.34 0.00	42.82 0.58 0.00	52.87 1.16 0.00	72.12 1.88 0.00	68.47 1.88 0.00	69.33 1.85 0.00	70.46 1.72 0.00	70.32 1.54 0.00	52.61 1.19 0.00	55.43 1.20 0.00	56.80 1.08 0.00
BORALEX_4TH_BRANCH 23824	45.59 2.16 0.00	46.17 2.04 0.00	44.77 2.04 0.00	43.20 2.02 0.00	44.54 2.02 0.00	40.90 1.70 0.00	40.81 1.78 0.00	43.17 1.91 0.00	42.16 1.86 0.00	38.24 1.52 0.00	39.91 1.51 0.00	43.96 1.55 0.00	39.81 1.55 0.00	39.50 1.65 0.00	44.18 1.95 0.00	54.21 2.51 0.00	73.89 3.65 0.00	70.27 3.67 0.00	71.04 3.55 0.00	72.35 3.60 0.00	72.91 4.13 0.00	54.62 3.20 0.00	57.59 3.35 0.00	59.13 3.41 0.00
BOWLINE___1 23526	45.22 1.79 0.00	45.75 1.62 0.00	44.22 1.48 0.00	42.68 1.49 0.00	44.05 1.53 0.00	40.63 1.43 0.00	40.60 1.57 0.00	42.99 1.74 0.00	41.93 1.62 0.00	38.21 1.49 0.00	39.98 1.58 0.00	44.11 1.71 0.00	39.82 1.57 0.00	39.39 1.53 0.00	43.84 1.60 0.00	53.68 1.97 0.00	72.82 2.59 0.00	69.39 2.80 0.00	70.34 2.85 0.00	71.71 2.96 0.00	71.94 3.16 0.00	53.82 2.39 0.00	56.65 2.41 0.00	57.99 2.27 0.00
BOWLINE___2 23595	45.21 1.78 0.00	45.73 1.60 0.00	44.20 1.47 0.00	42.67 1.49 0.00	44.03 1.51 0.00	40.62 1.42 0.00	40.60 1.56 0.00	42.97 1.73 0.00	41.92 1.62 0.00	38.20 1.48 0.00	39.97 1.57 0.00	44.11 1.70 0.00	39.82 1.56 0.00	39.38 1.52 0.00	43.82 1.59 0.00	53.67 1.97 0.00	72.81 2.57 0.00	69.35 2.75 0.00	70.30 2.81 0.00	71.68 2.93 0.00	71.92 3.14 0.00	53.80 2.37 0.00	56.63 2.39 0.00	57.97 2.25 0.00
BRADY___115KV_TB2 356060	43.89 0.46 0.00	44.86 0.73 0.00	43.46 0.72 0.00	41.84 0.66 0.00	43.22 0.71 0.00	39.81 0.61 0.00	39.69 0.66 0.00	42.18 0.93 0.00	41.01 0.70 0.00	37.11 0.38 0.00	38.79 0.38 0.00	42.72 0.31 0.00	38.49 0.23 0.00	38.10 0.24 0.00	42.55 0.32 0.00	52.40 0.69 0.00	71.72 1.48 0.00	67.70 1.11 0.00	68.53 1.04 0.00	70.07 1.33 0.00	70.13 1.35 0.00	52.46 1.03 0.00	55.61 1.37 0.00	57.18 1.46 0.00
BRANSCOMB___SOLAR 323811	45.84 2.41 0.00	46.41 2.28 0.00	44.97 2.23 0.00	43.38 2.19 0.00	44.76 2.25 0.00	41.20 2.01 0.00	41.20 2.16 0.00	43.59 2.34 0.00	42.58 2.27 0.00	38.64 1.92 0.00	40.25 1.85 0.00	44.37 1.96 0.00	40.10 1.85 0.00	39.68 1.83 0.00	44.44 2.20 0.00	54.60 2.89 0.00	74.58 4.35 0.00	70.88 4.29 0.00	71.71 4.22 0.00	72.97 4.23 0.00	73.24 4.46 0.00	54.77 3.34 0.00	57.73 3.49 0.00	59.24 3.52 0.00
BRDGHMPT_69_KV_BK1 55812	46.11 2.68 0.00	46.43 2.30 0.00	44.76 2.03 0.00	43.22 2.04 0.00	44.63 2.12 0.00	41.28 2.09 0.00	41.36 2.32 0.00	43.73 2.48 0.00	42.67 1.90 0.00	40.47 1.73 0.00	40.39 1.99 0.00	44.60 2.19 0.00	40.29 2.03 0.00	40.09 2.23 0.00	44.86 2.63 0.00	55.79 4.08 0.00	102.52 6.43 -25.85	266.33 7.05 -192.69	115.83 6.89 -41.45	150.91 7.14 -75.03	117.57 7.35 -41.43	114.24 5.71 -57.10	114.41 6.08 -54.09	85.14 6.01 -23.40



BRENTWOD_69_KV_W. BRTWOOD 56703	46.50 3.08 0.00	46.93 2.80 0.00	45.22 2.49 0.00	43.66 2.48 0.00	45.07 2.56 0.00	41.61 2.42 0.00	41.69 2.65 0.00	43.98 2.73 0.00	42.95 2.25 -0.40	40.77 2.28 -1.76	40.97 2.57 0.00	45.08 2.67 0.00	40.45 2.19 0.00	40.10 2.25 0.00	44.70 2.47 0.00	54.96 3.25 0.00	82.61 4.56 -7.82	94.10 4.32 -23.18	81.16 4.66 -9.01	86.04 4.66 -12.64	83.24 4.88 -9.58	62.86 3.54 -7.89	65.67 3.79 -7.64	61.65 3.74 -2.20
BRISTLHL_115KV_TB1 79998	42.41 -1.02 0.00	43.07 -1.06 0.00	41.71 -1.03 0.00	40.18 -1.01 0.00	41.48 -1.04 0.00	38.22 -0.98 0.00	37.98 -1.05 0.00	40.02 -1.23 0.00	39.18 -1.12 0.00	35.77 -0.95 0.00	37.39 -1.02 0.00	41.30 -1.11 0.00	37.22 -1.04 0.00	36.78 -1.07 0.00	41.10 -1.13 0.00	50.30 -1.40 0.00	68.38 -1.86 0.00	64.84 -1.75 0.00	65.68 -1.81 0.00	66.73 -2.02 0.00	66.58 -2.20 0.00	49.72 -1.70 0.00	52.37 -1.87 0.00	53.82 -1.89 0.00
BROOKHAVEN___DRP 24191	46.17 2.75 0.00	46.57 2.43 0.00	44.88 2.14 0.00	43.34 2.16 0.00	44.75 2.23 0.00	41.34 2.14 0.00	41.40 2.37 0.00	43.72 2.47 0.00	42.70 1.93 -0.47	40.63 1.85 -2.05	40.57 2.17 0.00	44.58 2.17 0.00	40.13 1.88 0.00	39.87 2.02 0.00	44.47 2.23 0.00	54.89 3.18 0.00	100.90 4.68 -25.98	264.60 4.92 -193.08	114.14 5.04 -41.61	149.11 5.12 -75.24	115.62 5.24 -41.60	112.62 3.96 -57.24	112.67 4.22 -54.22	83.37 4.21 -23.44
BROOKLYN_NAVY_YARD 23515	45.48 2.05 0.00	46.06 1.93 0.00	44.56 1.83 0.00	43.04 1.86 0.00	44.36 1.84 0.00	40.95 1.75 0.00	40.93 1.90 0.00	43.38 2.13 0.00	42.33 2.02 0.00	38.63 1.91 0.00	40.48 2.08 0.00	44.62 2.21 0.00	40.32 2.06 0.00	39.88 2.02 0.00	44.35 2.11 0.00	54.18 2.47 0.00	73.35 3.11 0.00	69.85 3.26 0.00	70.84 3.35 0.00	72.28 3.54 0.00	72.57 3.79 0.00	54.31 2.89 0.00	57.15 2.91 0.00	58.44 2.72 0.00
BROOKLYN___ARMY_DRP 323595	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
BROOME_2_LFGE 323671	43.21 -0.22 0.00	43.92 -0.21 0.00	42.53 -0.20 0.00	40.97 -0.21 0.00	42.35 -0.17 0.00	38.97 -0.23 0.00	38.90 -0.14 0.00	41.13 -0.13 0.00	40.30 0.00 0.00	36.78 0.06 0.00	38.38 -0.02 0.00	42.55 0.14 0.00	38.29 0.04 0.00	37.86 0.01 0.00	42.31 0.08 0.00	51.82 0.11 0.00	70.25 0.02 0.00	66.58 -0.01 0.00	67.46 -0.03 0.00	68.47 -0.27 0.00	68.21 -0.57 0.00	50.88 -0.54 0.00	53.59 -0.65 0.00	54.94 -0.78 0.00
BROOME___LFGE 323600	43.21 -0.22 0.00	43.92 -0.21 0.00	42.53 -0.20 0.00	40.97 -0.21 0.00	42.35 -0.17 0.00	38.97 -0.23 0.00	38.90 -0.14 0.00	41.13 -0.13 0.00	40.30 0.00 0.00	36.78 0.06 0.00	38.38 -0.02 0.00	42.55 0.14 0.00	38.29 0.04 0.00	37.86 0.01 0.00	42.31 0.08 0.00	51.82 0.11 0.00	70.25 0.02 0.00	66.58 -0.01 0.00	67.46 -0.03 0.00	68.47 -0.27 0.00	68.21 -0.57 0.00	50.88 -0.54 0.00	53.59 -0.65 0.00	54.94 -0.78 0.00
BROWNFLS_115KV_TB 3_5 80003	42.51 -0.91 0.00	43.37 -0.76 0.00	41.82 -0.91 0.00	40.28 -0.90 0.00	41.59 -0.93 0.00	37.97 -1.23 0.00	37.98 -1.06 0.00	40.68 -0.57 0.00	39.70 -0.60 0.00	36.14 -0.58 0.00	38.05 -0.35 0.00	41.87 -0.54 0.00	37.60 -0.66 0.00	37.09 -0.76 0.00	41.58 -0.65 0.00	51.51 -0.20 0.00	70.17 -0.07 0.00	66.39 -0.20 0.00	67.13 -0.35 0.00	68.38 -0.37 0.00	68.46 -0.32 0.00	51.57 0.14 0.00	54.65 0.42 0.00	56.10 0.38 0.00
BROWNSV1_27_KV_LOAD 356125	46.08 2.66 0.00	46.66 2.53 0.00	45.12 2.39 0.00	43.57 2.38 0.00	44.91 2.39 0.00	41.44 2.25 0.00	41.45 2.42 0.00	43.93 2.68 0.00	42.87 2.57 0.00	39.13 2.40 0.00	40.98 2.57 0.00	45.17 2.76 0.00	40.77 2.51 0.00	40.33 2.48 0.00	44.87 2.64 0.00	54.89 3.18 0.00	74.38 4.14 0.00	70.86 4.27 0.00	71.84 4.35 0.00	73.30 4.55 0.00	73.54 4.76 0.00	55.00 3.57 0.00	57.86 3.62 0.00	59.16 3.44 0.00
BURROWS___LYONSDAL 23803	43.21 -0.21 0.00	43.93 -0.21 0.00	42.43 -0.31 0.00	40.74 -0.44 0.00	42.13 -0.39 0.00	38.68 -0.52 0.00	38.76 -0.27 0.00	41.47 0.22 0.00	40.61 0.30 0.00	37.07 0.35 0.00	38.90 0.50 0.00	42.79 0.39 0.00	38.44 0.18 0.00	37.90 0.05 0.00	42.50 0.27 0.00	52.60 0.89 0.00	71.85 1.62 0.00	68.23 1.64 0.00	69.10 1.61 0.00	70.20 1.45 0.00	70.02 1.24 0.00	52.41 0.98 0.00	55.24 1.01 0.00	56.59 0.87 0.00
CAITHNESS_CC_1 323624	46.06 2.64 0.00	46.47 2.34 0.00	44.79 2.06 0.00	43.25 2.07 0.00	44.65 2.13 0.00	41.25 2.06 0.00	41.30 2.27 0.00	43.60 2.35 0.00	42.62 1.84 -0.47	40.59 1.79 -2.08	40.51 2.11 0.00	44.51 2.10 0.00	40.07 1.81 0.00	39.79 1.93 0.00	44.35 2.12 0.00	54.69 2.99 0.00	100.68 4.34 -26.10	264.55 4.59 -193.37	113.92 4.70 -41.74	148.93 4.77 -75.42	115.41 4.89 -41.74	112.47 3.70 -57.34	112.51 3.95 -54.32	83.13 3.94 -23.47
CALPINE BETH_PAGE_GT4 24209	46.05 2.62 0.00	46.56 2.43 0.00	44.91 2.18 0.00	43.37 2.19 0.00	44.77 2.25 0.00	41.32 2.12 0.00	41.35 2.32 0.00	43.69 2.44 0.00	42.36 2.06 0.00	38.78 2.05 0.00	40.71 2.31 0.00	44.78 2.38 0.00	40.24 1.98 0.00	39.87 2.02 0.00	44.35 2.12 0.00	54.41 2.70 0.00	73.63 3.39 0.00	70.19 3.60 0.00	71.28 3.79 0.00	72.59 3.84 0.00	72.78 4.00 0.00	54.46 3.04 0.00	57.68 3.44 0.00	59.09 3.37 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.05 2.62 0.00	46.56 2.43 0.00	44.91 2.18 0.00	43.37 2.19 0.00	44.77 2.25 0.00	41.32 2.12 0.00	41.35 2.31 0.00	43.69 2.44 0.00	42.36 2.05 0.00	38.78 2.05 0.00	40.71 2.31 0.00	44.78 2.37 0.00	40.23 1.98 0.00	39.87 2.02 0.00	44.35 2.12 0.00	54.41 2.70 0.00	73.64 3.40 0.00	70.18 3.59 0.00	71.27 3.78 0.00	72.58 3.84 0.00	72.78 4.00 0.00	54.46 3.04 0.00	57.68 3.44 0.00	59.09 3.37 0.00
CALPINE_BP_GT1 23823	46.05 2.62 0.00	46.56 2.43 0.00	44.91 2.18 0.00	43.37 2.19 0.00	44.77 2.25 0.00	41.32 2.12 0.00	41.35 2.31 0.00	43.69 2.44 0.00	42.36 2.05 0.00	38.78 2.05 0.00	40.71 2.31 0.00	44.78 2.37 0.00	40.23 1.98 0.00	39.87 2.02 0.00	44.35 2.12 0.00	54.41 2.70 0.00	73.64 3.40 0.00	70.18 3.59 0.00	71.27 3.78 0.00	72.58 3.84 0.00	72.78 4.00 0.00	54.46 3.04 0.00	57.68 3.44 0.00	59.09 3.37 0.00
CALSPAN___DRP 24200	42.73 -0.70 0.00	43.59 -0.55 0.00	42.41 -0.32 0.00	40.67 -0.51 0.00	42.03 -0.49 0.00	38.92 -0.27 0.00	38.86 -0.17 0.00	40.91 -0.34 0.00	40.60 0.29 0.00	37.31 0.59 0.00	39.10 0.70 0.00	43.45 1.05 0.00	38.76 0.50 0.00	38.29 0.43 0.00	42.65 0.42 0.00	51.69 -0.01 0.00	70.11 -0.13 0.00	65.98 -0.62 0.00	66.91 -0.58 0.00	67.14 -1.61 0.00	65.72 -3.07 0.00	48.77 -2.66 0.00	51.54 -2.70 0.00	53.31 -2.42 0.00

CALVERTON___SOLAR 323806	46.26 2.83 0.00	46.65 2.51 0.00	44.95 2.22 0.00	43.41 2.23 0.00	44.82 2.30 0.00	41.41 2.21 0.00	41.48 2.44 0.00	43.81 2.56 0.00	42.76 2.00 -0.46	40.65 1.88 0.00	40.58 2.18 0.00	44.61 2.20 0.00	40.18 1.92 0.00	39.93 2.07 0.00	44.57 2.33 0.00	55.08 3.37 0.00	101.19 5.00 -25.95	264.96 5.29 -193.08	114.44 5.37 -41.58	149.44 5.47 -75.22	115.94 5.59 -41.57	112.90 4.25 -57.23	112.95 4.50 -54.21	83.66 4.49 -23.45
CANDIGU_WT_PWR 323617	41.54 -1.88 0.00	42.23 -1.90 0.00	41.15 -1.58 0.00	39.67 -1.51 0.00	41.16 -1.35 0.00	37.95 -1.25 0.00	38.07 -0.96 0.00	40.35 -0.90 0.00	39.93 -0.38 0.00	36.35 -0.37 0.00	37.92 -0.48 0.00	42.33 -0.08 0.00	38.08 -0.18 0.00	37.81 -0.04 0.00	42.41 0.18 0.00	51.86 0.15 0.00	70.35 0.12 0.00	66.45 -0.14 0.00	67.25 -0.24 0.00	67.45 -1.30 0.00	66.05 -2.73 0.00	48.69 -2.74 0.00	50.92 -3.32 0.00	52.21 -3.51 0.00
CARR STREET_E_SYR 24060	42.96 -0.47 0.00	43.64 -0.49 0.00	42.26 -0.47 0.00	40.70 -0.48 0.00	42.04 -0.48 0.00	38.73 -0.46 0.00	38.52 -0.51 0.00	40.59 -0.66 0.00	39.77 -0.53 0.00	36.29 -0.44 0.00	37.92 -0.49 0.00	41.93 -0.48 0.00	37.78 -0.48 0.00	37.36 -0.50 0.00	41.70 -0.53 0.00	51.03 -0.68 0.00	69.32 -0.91 0.00	65.73 -0.86 0.00	66.59 -0.90 0.00	67.66 -1.09 0.00	67.48 -1.31 0.00	50.38 -1.05 0.00	53.05 -1.20 0.00	54.50 -1.22 0.00
CARTHAGE___PAPER 23857	42.52 -0.90 0.00	43.25 -0.88 0.00	41.70 -1.04 0.00	39.99 -1.19 0.00	41.32 -1.20 0.00	37.83 -1.36 0.00	38.00 -1.04 0.00	40.97 -0.28 0.00	39.99 -0.31 0.00	36.47 -0.26 0.00	38.32 -0.08 0.00	42.10 -0.30 0.00	37.69 -0.57 0.00	37.03 -0.82 0.00	41.64 -0.59 0.00	52.13 0.42 0.00	71.66 1.42 0.00	68.14 1.55 0.00	69.04 1.55 0.00	70.05 1.31 0.00	69.79 1.01 0.00	52.32 0.89 0.00	55.19 0.95 0.00	56.52 0.80 0.00
CASSADAGA_WT_PWR 323784	41.33 -2.10 0.00	42.48 -1.66 0.00	41.31 -1.42 0.00	39.71 -1.47 0.00	41.47 -1.04 0.00	38.50 -0.70 0.00	38.63 -0.40 0.00	40.99 -0.26 0.00	40.82 0.52 0.00	37.77 1.05 0.00	39.57 1.17 0.00	43.95 1.54 0.00	39.32 1.06 0.00	38.85 1.00 0.00	43.29 1.06 0.00	52.53 0.82 0.00	71.05 0.81 0.00	66.94 0.35 0.00	67.72 0.23 0.00	66.79 -1.95 0.00	64.38 -4.40 0.00	47.58 -3.85 0.00	50.61 -3.63 0.00	52.70 -3.02 0.00
CE_DUNWOOD___DRP 24194	45.47 2.04 0.00	46.02 1.89 0.00	44.49 1.76 0.00	42.95 1.77 0.00	44.30 1.78 0.00	40.87 1.67 0.00	40.85 1.82 0.00	43.26 2.01 0.00	42.20 1.90 0.00	38.48 1.76 0.00	40.28 1.88 0.00	44.42 2.01 0.00	40.09 1.84 0.00	39.66 1.80 0.00	44.14 1.91 0.00	54.03 2.32 0.00	73.26 3.02 0.00	69.78 3.19 0.00	70.73 3.24 0.00	72.13 3.38 0.00	72.37 3.59 0.00	54.16 2.73 0.00	57.01 2.77 0.00	58.36 2.64 0.00
CE_MILLWOOD___DRP 24193	45.39 1.96 0.00	45.94 1.80 0.00	44.41 1.67 0.00	42.87 1.69 0.00	44.22 1.70 0.00	40.79 1.60 0.00	40.77 1.74 0.00	43.17 1.92 0.00	42.11 1.81 0.00	38.40 1.67 0.00	40.18 1.78 0.00	44.31 1.91 0.00	40.00 1.75 0.00	39.57 1.72 0.00	44.04 1.81 0.00	53.92 2.21 0.00	73.12 2.88 0.00	69.66 3.06 0.00	70.61 3.12 0.00	71.99 3.24 0.00	72.23 3.45 0.00	54.04 2.62 0.00	56.89 2.66 0.00	58.24 2.52 0.00
CE_NYC2_DRP 24202	45.75 2.32 0.00	46.32 2.19 0.00	44.83 2.09 0.00	43.27 2.09 0.00	44.60 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.55 2.24 0.00	38.84 2.12 0.00	40.70 2.29 0.00	44.81 2.40 0.00	40.46 2.20 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.41 2.71 0.00	73.63 3.39 0.00	70.12 3.52 0.00	71.13 3.64 0.00	72.66 3.91 0.00	72.94 4.16 0.00	54.57 3.14 0.00	57.41 3.17 0.00	58.72 3.00 0.00
CE_NYC_DRP 24195	45.65 2.22 0.00	46.23 2.09 0.00	44.71 1.97 0.00	43.16 1.98 0.00	44.51 1.99 0.00	41.07 1.87 0.00	41.07 2.03 0.00	43.52 2.27 0.00	42.46 2.15 0.00	38.75 2.03 0.00	40.58 2.17 0.00	44.70 2.29 0.00	40.36 2.10 0.00	39.92 2.07 0.00	44.43 2.20 0.00	54.34 2.63 0.00	73.62 3.38 0.00	70.11 3.52 0.00	71.10 3.61 0.00	72.53 3.78 0.00	72.79 4.01 0.00	54.46 3.04 0.00	57.30 3.06 0.00	58.61 2.88 0.00
CHAFFEE___LFGE 323603	42.98 -0.45 0.00	43.83 -0.30 0.00	42.63 -0.10 0.00	40.88 -0.30 0.00	42.25 -0.27 0.00	39.10 -0.10 0.00	39.05 0.01 0.00	41.13 -0.12 0.00	40.80 0.50 0.00	37.50 0.78 0.00	39.30 0.90 0.00	43.67 1.26 0.00	38.97 0.72 0.00	38.50 0.65 0.00	42.88 0.65 0.00	51.97 0.26 0.00	70.48 0.24 0.00	66.37 -0.22 0.00	67.32 -0.17 0.00	67.56 -1.18 0.00	66.21 -2.58 0.00	49.12 -2.31 0.00	51.89 -2.35 0.00	53.63 -2.09 0.00
CHATEAUG_35_KV_LOAD 355732	42.55 -0.87 0.00	43.54 -0.59 0.00	42.18 -0.56 0.00	40.66 -0.52 0.00	41.99 -0.52 0.00	38.83 -0.37 0.00	38.63 -0.41 0.00	41.10 -0.15 0.00	40.04 -0.26 0.00	36.43 -0.29 0.00	38.13 -0.27 0.00	42.16 -0.25 0.00	38.07 -0.19 0.00	37.79 -0.06 0.00	42.29 0.06 0.00	52.03 0.32 0.00	71.26 1.03 0.00	67.36 0.77 0.00	68.12 0.64 0.00	69.72 0.97 0.00	70.01 1.23 0.00	52.29 0.87 0.00	55.30 1.06 0.00	56.84 1.12 0.00
CHATEAUG_WT_PWR 323614	42.54 -0.89 0.00	43.51 -0.62 0.00	42.15 -0.59 0.00	40.64 -0.54 0.00	41.97 -0.54 0.00	38.78 -0.41 0.00	38.58 -0.45 0.00	41.02 -0.23 0.00	39.98 -0.33 0.00	36.39 -0.33 0.00	38.15 -0.26 0.00	42.20 -0.21 0.00	38.10 -0.16 0.00	37.82 -0.03 0.00	42.33 0.10 0.00	52.00 0.29 0.00	71.10 0.86 0.00	67.19 0.59 0.00	67.96 0.47 0.00	69.53 0.78 0.00	69.77 0.99 0.00	52.14 0.71 0.00	55.13 0.89 0.00	56.66 0.94 0.00
CHAT_HIGH_FALL_HYD 323578	42.55 -0.87 0.00	43.54 -0.59 0.00	42.18 -0.56 0.00	40.66 -0.52 0.00	41.99 -0.52 0.00	38.83 -0.37 0.00	38.63 -0.41 0.00	41.10 -0.15 0.00	40.04 -0.26 0.00	36.43 -0.29 0.00	38.13 -0.27 0.00	42.16 -0.25 0.00	38.07 -0.19 0.00	37.79 -0.06 0.00	42.29 0.06 0.00	52.03 0.32 0.00	71.26 1.03 0.00	67.36 0.77 0.00	68.12 0.64 0.00	69.72 0.97 0.00	70.01 1.23 0.00	52.29 0.87 0.00	55.30 1.06 0.00	56.84 1.12 0.00
CHAUTAUQUA___LFGE 323629	41.91 -1.52 0.00	42.90 -1.23 0.00	41.72 -1.02 0.00	40.07 -1.11 0.00	41.64 -0.88 0.00	38.56 -0.64 0.00	38.67 -0.37 0.00	40.89 -0.37 0.00	40.54 0.24 0.00	37.36 0.64 0.00	39.11 0.71 0.00	43.50 1.09 0.00	38.87 0.61 0.00	38.40 0.54 0.00	42.80 0.56 0.00	51.96 0.25 0.00	70.36 0.13 0.00	66.25 -0.35 0.00	67.11 -0.38 0.00	66.89 -1.86 0.00	64.98 -3.81 0.00	48.09 -3.33 0.00	50.98 -3.26 0.00	52.94 -2.78 0.00
CHERRYST_13_KV_LD 356241	45.76 2.33 0.00	46.34 2.20 0.00	44.82 2.08 0.00	43.27 2.09 0.00	44.62 2.10 0.00	41.17 1.97 0.00	41.18 2.14 0.00	43.63 2.38 0.00	42.57 2.27 0.00	38.86 2.13 0.00	40.69 2.29 0.00	44.83 2.42 0.00	40.48 2.22 0.00	40.03 2.18 0.00	44.55 2.32 0.00	54.49 2.79 0.00	73.83 3.59 0.00	70.31 3.71 0.00	71.30 3.81 0.00	72.74 3.99 0.00	72.99 4.21 0.00	54.60 3.17 0.00	57.45 3.21 0.00	58.76 3.04 0.00

CHESTROR_138KV_BK263 355645	45.02 1.60 0.00	45.58 1.45 0.00	44.06 1.32 0.00	42.52 1.34 0.00	43.87 1.36 0.00	40.47 1.27 0.00	40.44 1.40 0.00	42.80 1.55 0.00	41.75 1.44 0.00	38.01 1.29 0.00	39.74 1.34 0.00	43.93 1.52 0.00	39.65 1.39 0.00	39.18 1.33 0.00	43.62 1.38 0.00	53.44 1.73 0.00	72.56 2.33 0.00	69.09 2.50 0.00	70.04 2.56 0.00	71.39 2.64 0.00	71.59 2.81 0.00	53.55 2.13 0.00	56.37 2.13 0.00	57.72 2.00 0.00
CH_MIDHUDSON___DRP 24192	45.43 2.01 0.00	45.98 1.84 0.00	44.47 1.73 0.00	42.92 1.73 0.00	44.28 1.76 0.00	40.82 1.62 0.00	40.79 1.76 0.00	43.18 1.93 0.00	42.16 1.86 0.00	38.40 1.68 0.00	40.18 1.78 0.00	44.35 1.94 0.00	40.04 1.78 0.00	39.59 1.73 0.00	44.11 1.88 0.00	53.98 2.28 0.00	73.31 3.07 0.00	69.83 3.24 0.00	70.78 3.29 0.00	72.13 3.39 0.00	72.35 3.57 0.00	54.14 2.71 0.00	56.99 2.75 0.00	58.37 2.65 0.00
CH_MISC_IPPS 23765	45.66 2.23 0.00	46.20 2.07 0.00	44.67 1.93 0.00	43.10 1.92 0.00	44.48 1.97 0.00	41.03 1.84 0.00	41.01 1.98 0.00	43.43 2.18 0.00	42.36 2.06 0.00	38.58 1.86 0.00	40.36 1.96 0.00	44.59 2.18 0.00	40.25 1.99 0.00	39.78 1.92 0.00	44.32 2.09 0.00	54.29 2.59 0.00	73.78 3.54 0.00	70.28 3.68 0.00	71.22 3.73 0.00	72.59 3.84 0.00	72.78 4.00 0.00	54.43 3.01 0.00	57.26 3.03 0.00	58.63 2.91 0.00
CH_RES_BVR_FALLS 23983	43.37 -0.06 0.00	44.09 -0.05 0.00	42.69 -0.04 0.00	41.14 -0.04 0.00	42.48 -0.04 0.00	39.16 -0.04 0.00	39.00 -0.03 0.00	41.25 0.00 0.00	40.29 -0.02 0.00	36.71 -0.02 0.00	38.40 0.00 0.00	42.41 0.00 0.00	38.26 0.00 0.00	37.85 0.00 0.00	42.23 0.00 0.00	51.74 0.03 0.00	70.31 0.07 0.00	66.62 0.03 0.00	67.49 0.01 0.00	68.80 0.06 0.00	68.85 0.07 0.00	51.48 0.05 0.00	54.29 0.05 0.00	55.78 0.05 0.00
CH_RES_NIAGARA 23895	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
CH_RES_SYRACUSE 23985	43.21 -0.22 0.00	43.89 -0.24 0.00	42.49 -0.24 0.00	40.93 -0.26 0.00	42.25 -0.27 0.00	38.95 -0.25 0.00	38.74 -0.30 0.00	40.83 -0.42 0.00	39.99 -0.32 0.00	36.48 -0.25 0.00	38.10 -0.31 0.00	42.11 -0.30 0.00	37.94 -0.32 0.00	37.54 -0.31 0.00	41.93 -0.30 0.00	51.33 -0.37 0.00	69.73 -0.51 0.00	66.13 -0.46 0.00	67.00 -0.49 0.00	68.07 -0.68 0.00	67.91 -0.87 0.00	50.68 -0.74 0.00	53.37 -0.87 0.00	54.80 -0.92 0.00
CLINTON_WT_PWR 323605	42.54 -0.89 0.00	43.51 -0.62 0.00	42.15 -0.59 0.00	40.64 -0.54 0.00	41.97 -0.54 0.00	38.78 -0.41 0.00	38.58 -0.45 0.00	41.02 -0.23 0.00	39.98 -0.33 0.00	36.39 -0.33 0.00	38.15 -0.26 0.00	42.20 -0.21 0.00	38.10 -0.16 0.00	37.82 -0.03 0.00	42.33 0.10 0.00	52.00 0.29 0.00	71.10 0.86 0.00	67.19 0.59 0.00	67.96 0.47 0.00	69.53 0.78 0.00	69.77 0.99 0.00	52.14 0.71 0.00	55.13 0.89 0.00	56.66 0.94 0.00
CLINTON___LFGE 323618	43.23 -0.20 0.00	44.28 0.14 0.00	42.92 0.18 0.00	41.37 0.19 0.00	42.74 0.22 0.00	39.47 0.27 0.00	39.28 0.25 0.00	41.82 0.57 0.00	40.71 0.40 0.00	37.00 0.27 0.00	38.66 0.25 0.00	42.84 0.44 0.00	38.67 0.41 0.00	38.39 0.53 0.00	43.00 0.77 0.00	52.96 1.25 0.00	72.64 2.40 0.00	68.69 2.10 0.00	69.45 1.96 0.00	71.01 2.27 0.00	71.27 2.49 0.00	53.26 1.84 0.00	56.28 2.03 0.00	57.77 2.05 0.00
COBBLENY_34_KV_TB1 80064	42.98 -0.45 0.00	43.84 -0.30 0.00	42.63 -0.10 0.00	40.88 -0.31 0.00	42.25 -0.27 0.00	39.10 -0.10 0.00	39.05 0.02 0.00	41.13 -0.12 0.00	40.80 0.50 0.00	37.50 0.78 0.00	39.30 0.90 0.00	43.67 1.27 0.00	38.98 0.72 0.00	38.50 0.65 0.00	42.88 0.65 0.00	51.97 0.27 0.00	70.49 0.25 0.00	66.37 -0.22 0.00	67.32 -0.17 0.00	67.57 -1.18 0.00	66.20 -2.58 0.00	49.13 -2.30 0.00	51.89 -2.35 0.00	53.63 -2.09 0.00
COFFEEN___115KV_TB3 355620	42.27 -1.15 0.00	42.98 -1.15 0.00	41.41 -1.33 0.00	39.72 -1.46 0.00	41.02 -1.49 0.00	37.60 -1.60 0.00	37.80 -1.24 0.00	40.77 -0.48 0.00	39.75 -0.55 0.00	36.21 -0.51 0.00	37.93 -0.47 0.00	41.69 -0.72 0.00	37.28 -0.98 0.00	36.56 -1.30 0.00	41.14 -1.09 0.00	51.75 0.04 0.00	71.41 1.18 0.00	68.06 1.47 0.00	68.96 1.47 0.00	69.87 1.12 0.00	69.50 0.72 0.00	52.00 0.57 0.00	54.73 0.50 0.00	56.05 0.33 0.00
COLDSPRG_115KV_BK1 355956	42.67 -0.76 0.00	43.60 -0.53 0.00	42.38 -0.35 0.00	40.71 -0.47 0.00	42.24 -0.28 0.00	39.04 -0.15 0.00	39.10 0.06 0.00	41.39 0.14 0.00	41.15 0.84 0.00	38.05 1.32 0.00	39.91 1.51 0.00	44.32 1.91 0.00	39.64 1.38 0.00	39.16 1.31 0.00	43.62 1.38 0.00	52.88 1.17 0.00	71.36 1.12 0.00	67.24 0.64 0.00	68.08 0.59 0.00	67.86 -0.89 0.00	66.07 -2.71 0.00	48.88 -2.54 0.00	51.87 -2.37 0.00	53.78 -1.94 0.00
COLONIE_LFGE___ 323577	45.02 1.59 0.00	45.63 1.50 0.00	44.21 1.47 0.00	42.65 1.46 0.00	44.00 1.48 0.00	40.47 1.28 0.00	40.40 1.36 0.00	42.69 1.44 0.00	41.71 1.40 0.00	37.92 1.20 0.00	39.60 1.20 0.00	43.66 1.26 0.00	39.49 1.23 0.00	39.11 1.25 0.00	43.68 1.45 0.00	53.54 1.83 0.00	72.85 2.61 0.00	69.25 2.65 0.00	70.06 2.58 0.00	71.34 2.60 0.00	71.64 2.86 0.00	53.66 2.23 0.00	56.55 2.31 0.00	58.06 2.34 0.00
COOPERNY_115KV_TB1 80082	44.56 1.13 0.00	45.15 1.02 0.00	43.66 0.93 0.00	42.12 0.94 0.00	43.49 0.97 0.00	40.10 0.90 0.00	40.04 1.01 0.00	42.36 1.11 0.00	41.35 1.05 0.00	37.67 0.94 0.00	39.38 0.98 0.00	43.55 1.15 0.00	39.30 1.04 0.00	38.82 0.97 0.00	43.24 1.01 0.00	52.93 1.23 0.00	71.86 1.63 0.00	68.36 1.76 0.00	69.29 1.80 0.00	70.60 1.85 0.00	70.74 1.96 0.00	52.91 1.48 0.00	55.72 1.48 0.00	57.07 1.35 0.00
COPENHAGEN_WT_PWR 323753	41.69 -1.74 0.00	42.44 -1.69 0.00	40.86 -1.87 0.00	39.17 -2.01 0.00	40.43 -2.09 0.00	37.04 -2.16 0.00	37.27 -1.77 0.00	40.35 -0.90 0.00	39.33 -0.97 0.00	36.00 -0.72 0.00	37.80 -0.60 0.00	41.56 -0.85 0.00	37.15 -1.11 0.00	36.47 -1.39 0.00	41.05 -1.19 0.00	51.48 -0.23 0.00	70.94 0.70 0.00	67.54 0.94 0.00	68.48 0.99 0.00	69.34 0.60 0.00	68.97 0.19 0.00	51.58 0.15 0.00	54.33 0.09 0.00	55.72 0.00 0.00
CORNELL_____ 23752	43.92 0.49 0.00	44.59 0.46 0.00	43.15 0.42 0.00	41.59 0.40 0.00	42.99 0.47 0.00	39.64 0.44 0.00	39.56 0.52 0.00	41.83 0.58 0.00	40.99 0.68 0.00	37.26 0.54 0.00	38.75 0.35 0.00	42.87 0.46 0.00	38.49 0.23 0.00	38.17 0.31 0.00	42.76 0.53 0.00	52.67 0.97 0.00	71.80 1.56 0.00	68.17 1.58 0.00	69.08 1.59 0.00	70.11 1.37 0.00	69.80 1.02 0.00	51.98 0.56 0.00	54.63 0.40 0.00	55.88 0.16 0.00

CORONA_69_KV_TB1 355595	46.26 2.84 0.00	46.72 2.58 0.00	45.07 2.33 0.00	43.52 2.34 0.00	44.92 2.41 0.00	41.45 2.26 0.00	41.48 2.45 0.00	43.84 2.59 0.00	42.56 2.26 0.00	38.96 2.23 0.00	40.88 2.48 0.00	45.02 2.61 0.00	40.52 2.26 0.00	40.11 2.25 0.00	44.61 2.37 0.00	54.75 3.04 0.00	74.39 4.15 0.00	70.94 4.35 0.00	71.97 4.48 0.00	73.33 4.58 0.00	73.51 4.72 0.00	54.98 3.55 0.00	57.98 3.74 0.00	59.39 3.67 0.00
CORTLAND_115KV_TB3 80093	43.61 0.19 0.00	44.30 0.16 0.00	42.88 0.14 0.00	41.30 0.12 0.00	42.70 0.18 0.00	39.33 0.14 0.00	39.24 0.20 0.00	41.47 0.22 0.00	40.61 0.30 0.00	37.00 0.28 0.00	38.59 0.19 0.00	42.68 0.27 0.00	38.40 0.14 0.00	37.99 0.14 0.00	42.48 0.24 0.00	52.15 0.45 0.00	70.92 0.68 0.00	67.27 0.68 0.00	68.16 0.67 0.00	69.22 0.48 0.00	69.02 0.24 0.00	51.49 0.07 0.00	54.19 -0.05 0.00	55.54 -0.18 0.00
COXSACKIE___GT 23611	46.62 3.19 0.00	47.23 3.10 0.00	45.71 2.98 0.00	44.08 2.90 0.00	45.55 3.03 0.00	41.98 2.78 0.00	42.00 2.97 0.00	44.50 3.25 0.00	43.41 3.11 0.00	39.31 2.59 0.00	40.69 2.29 0.00	44.95 2.55 0.00	40.53 2.27 0.00	40.19 2.33 0.00	45.23 2.99 0.00	55.80 4.09 0.00	76.07 5.84 0.00	72.54 5.94 0.00	73.39 5.90 0.00	74.46 5.71 0.00	74.48 5.70 0.00	55.71 4.29 0.00	58.52 4.29 0.00	59.91 4.19 0.00
CPV_VALLEY___CC1 323721	44.68 1.25 0.00	45.23 1.10 0.00	43.74 1.00 0.00	42.21 1.03 0.00	43.57 1.05 0.00	40.17 0.98 0.00	40.13 1.09 0.00	42.47 1.22 0.00	41.44 1.14 0.00	37.75 1.03 0.00	39.49 1.08 0.00	43.72 1.31 0.00	39.46 1.20 0.00	38.97 1.11 0.00	43.33 1.10 0.00	53.04 1.34 0.00	71.98 1.74 0.00	68.50 1.90 0.00	69.44 1.96 0.00	70.78 2.03 0.00	70.98 2.19 0.00	53.10 1.67 0.00	55.90 1.66 0.00	57.25 1.53 0.00
CPV_VALLEY___CC2 323722	44.68 1.25 0.00	45.23 1.10 0.00	43.74 1.00 0.00	42.21 1.03 0.00	43.57 1.05 0.00	40.17 0.98 0.00	40.13 1.09 0.00	42.47 1.22 0.00	41.44 1.14 0.00	37.75 1.03 0.00	39.49 1.08 0.00	43.72 1.31 0.00	39.46 1.20 0.00	38.97 1.11 0.00	43.33 1.10 0.00	53.04 1.34 0.00	71.98 1.74 0.00	68.50 1.90 0.00	69.44 1.96 0.00	70.78 2.03 0.00	70.98 2.19 0.00	53.10 1.67 0.00	55.90 1.66 0.00	57.25 1.53 0.00
CRESCENT___HYD 24018	45.02 1.59 0.00	45.63 1.50 0.00	44.21 1.47 0.00	42.65 1.46 0.00	44.00 1.48 0.00	40.47 1.28 0.00	40.40 1.36 0.00	42.69 1.44 0.00	41.71 1.40 0.00	37.92 1.20 0.00	39.60 1.20 0.00	43.66 1.26 0.00	39.49 1.23 0.00	39.11 1.25 0.00	43.68 1.45 0.00	53.54 1.83 0.00	72.85 2.61 0.00	69.25 2.65 0.00	70.06 2.58 0.00	71.34 2.60 0.00	71.64 2.86 0.00	53.66 2.23 0.00	56.55 2.31 0.00	58.06 2.34 0.00
CRICKET___VALLEY_CC1 323756	44.96 1.53 0.00	45.49 1.36 0.00	44.02 1.29 0.00	42.50 1.32 0.00	43.82 1.31 0.00	40.36 1.16 0.00	40.31 1.28 0.00	42.66 1.41 0.00	41.70 1.40 0.00	37.98 1.25 0.00	39.76 1.36 0.00	43.83 1.42 0.00	39.61 1.35 0.00	39.20 1.35 0.00	43.69 1.46 0.00	53.39 1.68 0.00	72.54 2.31 0.00	69.13 2.54 0.00	70.03 2.55 0.00	71.37 2.63 0.00	71.65 2.87 0.00	53.65 2.22 0.00	56.48 2.24 0.00	57.86 2.14 0.00
CRICKET___VALLEY_CC2 323757	44.96 1.53 0.00	45.49 1.36 0.00	44.02 1.29 0.00	42.50 1.32 0.00	43.82 1.31 0.00	40.36 1.16 0.00	40.31 1.28 0.00	42.66 1.41 0.00	41.70 1.40 0.00	37.98 1.25 0.00	39.76 1.36 0.00	43.83 1.42 0.00	39.61 1.35 0.00	39.20 1.35 0.00	43.69 1.46 0.00	53.39 1.68 0.00	72.54 2.31 0.00	69.13 2.54 0.00	70.03 2.55 0.00	71.37 2.63 0.00	71.65 2.87 0.00	53.65 2.22 0.00	56.48 2.24 0.00	57.86 2.14 0.00
CRICKET___VALLEY_CC3 323758	44.96 1.53 0.00	45.49 1.36 0.00	44.02 1.29 0.00	42.50 1.32 0.00	43.82 1.31 0.00	40.36 1.16 0.00	40.31 1.28 0.00	42.66 1.41 0.00	41.70 1.40 0.00	37.98 1.25 0.00	39.76 1.36 0.00	43.83 1.42 0.00	39.61 1.35 0.00	39.20 1.35 0.00	43.69 1.46 0.00	53.39 1.68 0.00	72.54 2.31 0.00	69.13 2.54 0.00	70.03 2.55 0.00	71.37 2.63 0.00	71.65 2.87 0.00	53.65 2.22 0.00	56.48 2.24 0.00	57.86 2.14 0.00
CRUCIBLE_METL_DRP 24180	43.21 -0.22 0.00	43.89 -0.25 0.00	42.49 -0.24 0.00	40.92 -0.26 0.00	42.25 -0.27 0.00	38.94 -0.25 0.00	38.74 -0.30 0.00	40.83 -0.42 0.00	39.99 -0.32 0.00	36.48 -0.25 0.00	38.10 -0.30 0.00	42.11 -0.30 0.00	37.94 -0.31 0.00	37.54 -0.31 0.00	41.93 -0.30 0.00	51.33 -0.37 0.00	69.73 -0.51 0.00	66.13 -0.47 0.00	66.99 -0.50 0.00	68.07 -0.68 0.00	67.90 -0.88 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.80 -0.92 0.00
DAHOWA___HYDRO 323763	46.10 2.68 0.00	46.67 2.53 0.00	45.22 2.49 0.00	43.62 2.44 0.00	45.02 2.50 0.00	41.43 2.23 0.00	41.46 2.42 0.00	43.88 2.63 0.00	42.87 2.57 0.00	38.89 2.16 0.00	40.51 2.11 0.00	44.65 2.24 0.00	40.34 2.09 0.00	39.94 2.08 0.00	44.72 2.49 0.00	54.98 3.27 0.00	75.19 4.96 0.00	71.47 4.87 0.00	72.30 4.81 0.00	73.54 4.79 0.00	73.79 5.01 0.00	55.18 3.76 0.00	58.17 3.93 0.00	59.67 3.95 0.00
DANC___LFGE 323619	42.08 -1.34 0.00	42.78 -1.35 0.00	41.29 -1.45 0.00	39.66 -1.53 0.00	40.93 -1.58 0.00	37.56 -1.64 0.00	37.58 -1.45 0.00	40.25 -1.00 0.00	39.32 -0.99 0.00	35.95 -0.77 0.00	37.68 -0.72 0.00	41.52 -0.88 0.00	37.23 -1.03 0.00	36.63 -1.22 0.00	41.11 -1.13 0.00	51.12 -0.59 0.00	70.03 -0.21 0.00	66.53 -0.06 0.00	67.44 -0.04 0.00	68.38 -0.37 0.00	68.09 -0.69 0.00	50.94 -0.48 0.00	53.65 -0.59 0.00	55.10 -0.62 0.00
DANSKAMMER___1 23586	45.66 2.23 0.00	46.20 2.07 0.00	44.67 1.93 0.00	43.10 1.92 0.00	44.48 1.97 0.00	41.03 1.84 0.00	41.01 1.98 0.00	43.43 2.18 0.00	42.36 2.06 0.00	38.58 1.86 0.00	40.36 1.96 0.00	44.59 2.18 0.00	40.25 1.99 0.00	39.78 1.92 0.00	44.32 2.09 0.00	54.29 2.59 0.00	73.78 3.54 0.00	70.28 3.68 0.00	71.22 3.73 0.00	72.59 3.84 0.00	72.78 4.00 0.00	54.43 3.01 0.00	57.26 3.03 0.00	58.63 2.91 0.00
DANSKAMMER___2 23589	45.66 2.23 0.00	46.20 2.07 0.00	44.67 1.93 0.00	43.10 1.92 0.00	44.48 1.97 0.00	41.03 1.84 0.00	41.01 1.98 0.00	43.43 2.18 0.00	42.36 2.06 0.00	38.58 1.86 0.00	40.36 1.96 0.00	44.59 2.18 0.00	40.25 1.99 0.00	39.78 1.92 0.00	44.32 2.09 0.00	54.29 2.59 0.00	73.78 3.54 0.00	70.28 3.68 0.00	71.22 3.73 0.00	72.59 3.84 0.00	72.78 4.00 0.00	54.43 3.01 0.00	57.26 3.03 0.00	58.63 2.91 0.00
DANSKAMMER___3 23590	45.66 2.23 0.00	46.20 2.07 0.00	44.67 1.93 0.00	43.10 1.92 0.00	44.48 1.97 0.00	41.03 1.84 0.00	41.01 1.98 0.00	43.43 2.18 0.00	42.36 2.06 0.00	38.58 1.86 0.00	40.36 1.96 0.00	44.59 2.18 0.00	40.25 1.99 0.00	39.78 1.92 0.00	44.32 2.09 0.00	54.29 2.59 0.00	73.78 3.54 0.00	70.28 3.68 0.00	71.22 3.73 0.00	72.59 3.84 0.00	72.78 4.00 0.00	54.43 3.01 0.00	57.26 3.03 0.00	58.63 2.91 0.00

DANSKAMMER___4 23591	45.66 2.23 0.00	46.20 2.07 0.00	44.67 1.93 0.00	43.10 1.92 0.00	44.48 1.97 0.00	41.03 1.84 0.00	41.01 1.98 0.00	43.43 2.18 0.00	42.36 2.06 0.00	38.58 1.86 0.00	40.36 1.96 0.00	44.59 2.18 0.00	40.25 1.99 0.00	39.78 1.92 0.00	44.32 2.09 0.00	54.29 2.59 0.00	73.78 3.54 0.00	70.28 3.68 0.00	71.22 3.73 0.00	72.59 3.84 0.00	72.78 4.00 0.00	54.43 3.01 0.00	57.26 3.03 0.00	58.63 2.91 0.00
DANSKAMMER___DIESEL 23592	45.66 2.23 0.00	46.20 2.07 0.00	44.67 1.94 0.00	43.10 1.92 0.00	44.48 1.97 0.00	41.03 1.83 0.00	41.01 1.98 0.00	43.43 2.18 0.00	42.37 2.06 0.00	38.58 1.86 0.00	40.36 1.96 0.00	44.59 2.18 0.00	40.25 1.99 0.00	39.78 1.92 0.00	44.32 2.09 0.00	54.30 2.59 0.00	73.78 3.54 0.00	70.28 3.69 0.00	71.23 3.74 0.00	72.59 3.85 0.00	72.78 4.00 0.00	54.43 3.01 0.00	57.27 3.03 0.00	58.63 2.91 0.00
DARBY___SOLAR 323810	45.89 2.46 0.00	46.45 2.32 0.00	45.01 2.28 0.00	43.42 2.24 0.00	44.81 2.29 0.00	41.24 2.04 0.00	41.24 2.21 0.00	43.64 2.39 0.00	42.62 2.32 0.00	38.67 1.95 0.00	40.28 1.88 0.00	44.40 1.99 0.00	40.14 1.89 0.00	39.72 1.86 0.00	44.49 2.26 0.00	54.66 2.95 0.00	74.69 4.46 0.00	70.97 4.38 0.00	71.81 4.32 0.00	73.06 4.31 0.00	73.32 4.54 0.00	54.84 3.41 0.00	57.81 3.57 0.00	59.31 3.59 0.00
DASHVILLE___HYD 23610	45.16 1.74 0.00	45.71 1.58 0.00	44.20 1.46 0.00	42.65 1.47 0.00	44.00 1.49 0.00	40.59 1.39 0.00	40.57 1.53 0.00	42.94 1.69 0.00	41.92 1.61 0.00	38.19 1.46 0.00	39.96 1.56 0.00	44.13 1.72 0.00	39.82 1.56 0.00	39.33 1.48 0.00	43.79 1.56 0.00	53.63 1.92 0.00	72.87 2.63 0.00	69.41 2.82 0.00	70.37 2.88 0.00	71.73 2.98 0.00	71.92 3.14 0.00	53.80 2.37 0.00	56.63 2.39 0.00	58.00 2.28 0.00
DELAWARE___LFGE 323621	44.37 0.94 0.00	45.02 0.89 0.00	43.57 0.84 0.00	42.01 0.82 0.00	43.40 0.88 0.00	40.03 0.83 0.00	39.97 0.94 0.00	42.30 1.04 0.00	41.37 1.07 0.00	37.74 1.01 0.00	39.44 1.04 0.00	43.59 1.18 0.00	39.27 1.01 0.00	38.83 0.97 0.00	43.37 1.14 0.00	53.16 1.46 0.00	72.05 1.81 0.00	68.44 1.84 0.00	69.41 1.92 0.00	70.62 1.87 0.00	70.61 1.83 0.00	52.77 1.35 0.00	55.52 1.29 0.00	56.83 1.11 0.00
DERFIELD_115KV_TB7 355931	43.61 0.18 0.00	44.28 0.15 0.00	42.86 0.13 0.00	41.30 0.12 0.00	42.65 0.13 0.00	39.32 0.12 0.00	39.15 0.12 0.00	41.37 0.12 0.00	40.44 0.13 0.00	36.87 0.15 0.00	38.56 0.15 0.00	42.56 0.16 0.00	38.40 0.14 0.00	37.99 0.13 0.00	42.40 0.17 0.00	51.94 0.23 0.00	70.52 0.28 0.00	66.90 0.31 0.00	67.79 0.30 0.00	69.03 0.28 0.00	69.06 0.28 0.00	51.68 0.26 0.00	54.50 0.26 0.00	55.97 0.25 0.00
DOGLEVILLE___HYD 23807	45.78 2.35 0.00	46.38 2.25 0.00	44.84 2.11 0.00	43.26 2.08 0.00	44.71 2.19 0.00	41.22 2.03 0.00	41.29 2.26 0.00	43.74 2.49 0.00	42.49 2.18 0.00	38.40 1.68 0.00	39.86 1.45 0.00	43.93 1.52 0.00	39.46 1.20 0.00	39.20 1.35 0.00	44.07 1.84 0.00	54.71 3.00 0.00	75.15 4.91 0.00	71.67 5.08 0.00	72.66 5.17 0.00	73.92 5.17 0.00	74.11 5.33 0.00	55.42 4.00 0.00	58.20 3.96 0.00	59.40 3.68 0.00
DUNKIRK___115KV_TB_200 55889	41.99 -1.44 0.00	42.95 -1.18 0.00	41.77 -0.97 0.00	40.11 -1.07 0.00	41.66 -0.86 0.00	38.55 -0.65 0.00	38.64 -0.39 0.00	40.85 -0.41 0.00	40.48 0.18 0.00	37.29 0.57 0.00	39.04 0.64 0.00	43.43 1.02 0.00	38.80 0.54 0.00	38.33 0.47 0.00	42.71 0.48 0.00	51.85 0.14 0.00	70.23 -0.02 0.00	66.12 -0.47 0.00	66.99 -0.50 0.00	66.85 -1.89 0.00	65.04 -3.75 0.00	48.15 -3.27 0.00	51.01 -3.23 0.00	52.93 -2.79 0.00
DUNKIRK___1 23563	41.99 -1.44 0.00	42.95 -1.18 0.00	41.77 -0.97 0.00	40.11 -1.07 0.00	41.66 -0.86 0.00	38.55 -0.65 0.00	38.64 -0.39 0.00	40.85 -0.41 0.00	40.48 0.18 0.00	37.29 0.57 0.00	39.04 0.64 0.00	43.43 1.02 0.00	38.80 0.54 0.00	38.33 0.47 0.00	42.71 0.48 0.00	51.85 0.14 0.00	70.23 -0.02 0.00	66.12 -0.47 0.00	66.99 -0.50 0.00	66.85 -1.89 0.00	65.04 -3.75 0.00	48.15 -3.27 0.00	51.01 -3.23 0.00	52.93 -2.79 0.00
DUNKIRK___2 23564	41.99 -1.44 0.00	42.95 -1.18 0.00	41.77 -0.97 0.00	40.11 -1.07 0.00	41.66 -0.86 0.00	38.55 -0.65 0.00	38.64 -0.39 0.00	40.85 -0.41 0.00	40.48 0.18 0.00	37.29 0.57 0.00	39.04 0.64 0.00	43.43 1.02 0.00	38.80 0.54 0.00	38.33 0.47 0.00	42.71 0.48 0.00	51.85 0.14 0.00	70.23 -0.02 0.00	66.12 -0.47 0.00	66.99 -0.50 0.00	66.85 -1.89 0.00	65.04 -3.75 0.00	48.15 -3.27 0.00	51.01 -3.23 0.00	52.93 -2.79 0.00
DUNKIRK___3 23565	42.16 -1.27 0.00	43.07 -1.06 0.00	41.88 -0.86 0.00	40.21 -0.97 0.00	41.68 -0.84 0.00	38.55 -0.65 0.00	38.59 -0.45 0.00	40.73 -0.52 0.00	40.37 0.07 0.00	37.16 0.43 0.00	38.91 0.51 0.00	43.28 0.88 0.00	38.66 0.41 0.00	38.18 0.33 0.00	42.56 0.33 0.00	51.63 -0.07 0.00	69.89 -0.34 0.00	65.82 -0.77 0.00	66.69 -0.79 0.00	66.71 -2.04 0.00	65.12 -3.66 0.00	48.25 -3.17 0.00	51.10 -3.14 0.00	52.95 -2.78 0.00
DUNKIRK___4 23566	42.16 -1.27 0.00	43.07 -1.06 0.00	41.88 -0.86 0.00	40.21 -0.97 0.00	41.68 -0.84 0.00	38.55 -0.65 0.00	38.59 -0.45 0.00	40.73 -0.52 0.00	40.37 0.07 0.00	37.16 0.43 0.00	38.91 0.51 0.00	43.28 0.88 0.00	38.66 0.41 0.00	38.18 0.33 0.00	42.56 0.33 0.00	51.63 -0.07 0.00	69.89 -0.34 0.00	65.82 -0.77 0.00	66.69 -0.79 0.00	66.71 -2.04 0.00	65.12 -3.66 0.00	48.25 -3.17 0.00	51.10 -3.14 0.00	52.95 -2.78 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.59 2.17 0.00	46.14 2.00 0.00	44.61 1.87 0.00	43.07 1.89 0.00	44.42 1.90 0.00	40.97 1.77 0.00	40.95 1.92 0.00	43.36 2.11 0.00	42.30 1.99 0.00	38.59 1.87 0.00	40.40 2.00 0.00	44.54 2.13 0.00	40.20 1.94 0.00	39.77 1.91 0.00	44.27 2.03 0.00	54.15 2.44 0.00	73.41 3.17 0.00	69.89 3.30 0.00	70.86 3.37 0.00	72.25 3.51 0.00	72.52 3.74 0.00	54.27 2.84 0.00	57.12 2.88 0.00	58.48 2.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.31 1.89 0.00	45.85 1.72 0.00	44.33 1.60 0.00	42.78 1.60 0.00	44.16 1.64 0.00	40.72 1.52 0.00	40.70 1.66 0.00	43.09 1.84 0.00	42.03 1.73 0.00	38.28 1.55 0.00	40.02 1.61 0.00	44.24 1.83 0.00	39.92 1.67 0.00	39.43 1.58 0.00	43.92 1.68 0.00	53.82 2.11 0.00	73.11 2.87 0.00	69.64 3.05 0.00	70.60 3.11 0.00	71.95 3.20 0.00	72.14 3.36 0.00	53.96 2.54 0.00	56.78 2.54 0.00	58.13 2.41 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.53 2.10 0.00	46.16 2.03 0.00	44.74 2.01 0.00	43.21 2.03 0.00	44.46 1.95 0.00	41.07 1.87 0.00	41.05 2.01 0.00	43.49 2.24 0.00	42.41 2.11 0.00	38.74 2.02 0.00	40.62 2.21 0.00	44.67 2.26 0.00	40.32 2.06 0.00	39.87 2.02 0.00	44.31 2.08 0.00	54.21 2.50 0.00	73.29 3.05 0.00	69.92 3.33 0.00	71.00 3.51 0.00	72.52 3.78 0.00	72.75 3.97 0.00	54.43 3.00 0.00	57.27 3.03 0.00	58.55 2.83 0.00

E179THST_13_KV_LOAD 356214	45.74 2.31 0.00	46.35 2.21 0.00	44.91 2.18 0.00	43.36 2.18 0.00	44.62 2.10 0.00	41.21 2.01 0.00	41.21 2.17 0.00	43.67 2.42 0.00	42.59 2.28 0.00	38.90 2.18 0.00	40.80 2.40 0.00	44.89 2.48 0.00	40.50 2.25 0.00	40.06 2.21 0.00	44.54 2.31 0.00	54.46 2.76 0.00	73.66 3.42 0.00	70.27 3.68 0.00	71.36 3.87 0.00	72.87 4.12 0.00	73.10 4.31 0.00	54.69 3.26 0.00	57.53 3.29 0.00	58.81 3.09 0.00
EAST HAMPTON___GT 23717	45.29 1.87 0.00	45.56 1.43 0.00	43.92 1.19 0.00	42.42 1.24 0.00	43.79 1.27 0.00	40.53 1.33 0.00	40.61 1.58 0.00	42.97 1.72 0.00	41.92 1.16 -0.46	39.76 1.02 -2.02	39.66 1.26 0.00	44.00 1.59 0.00	39.87 1.61 0.00	39.69 1.83 0.00	44.52 2.28 0.00	55.64 3.93 0.00	102.63 6.55 -25.84	266.76 7.50 -192.67	116.06 7.12 -41.45	151.21 7.45 -75.02	118.00 7.79 -41.43	114.72 6.20 -57.09	115.01 6.70 -54.08	85.73 6.60 -23.40
EAST RIVER___6 23660	45.68 2.26 0.00	46.24 2.11 0.00	44.64 1.91 0.00	43.10 1.91 0.00	44.44 1.92 0.00	41.01 1.82 0.00	41.02 1.99 0.00	43.46 2.21 0.00	42.42 2.11 0.00	38.72 2.00 0.00	40.55 2.15 0.00	44.66 2.25 0.00	40.32 2.06 0.00	39.90 2.04 0.00	44.41 2.18 0.00	54.31 2.61 0.00	73.60 3.36 0.00	70.08 3.48 0.00	71.05 3.57 0.00	72.50 3.75 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.25 3.01 0.00	58.55 2.83 0.00
EAST RIVER___7 23524	45.68 2.26 0.00	46.24 2.11 0.00	44.64 1.91 0.00	43.10 1.91 0.00	44.44 1.92 0.00	41.01 1.82 0.00	41.02 1.99 0.00	43.46 2.21 0.00	42.42 2.11 0.00	38.72 2.00 0.00	40.55 2.15 0.00	44.66 2.25 0.00	40.32 2.06 0.00	39.90 2.04 0.00	44.41 2.18 0.00	54.31 2.61 0.00	73.60 3.36 0.00	70.08 3.48 0.00	71.05 3.57 0.00	72.50 3.75 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.25 3.01 0.00	58.55 2.83 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.47 2.04 0.00	46.02 1.89 0.00	44.49 1.76 0.00	42.95 1.77 0.00	44.30 1.78 0.00	40.87 1.67 0.00	40.85 1.82 0.00	43.26 2.01 0.00	42.20 1.90 0.00	38.48 1.76 0.00	40.28 1.88 0.00	44.42 2.01 0.00	40.09 1.84 0.00	39.66 1.80 0.00	44.14 1.91 0.00	54.03 2.32 0.00	73.26 3.02 0.00	69.78 3.19 0.00	70.73 3.24 0.00	72.13 3.38 0.00	72.37 3.59 0.00	54.16 2.73 0.00	57.01 2.77 0.00	58.36 2.64 0.00
EAST_HAMPTON___DIESEL 23722	45.14 1.71 0.00	45.41 1.28 0.00	43.78 1.05 0.00	42.27 1.09 0.00	43.65 1.13 0.00	40.39 1.19 0.00	40.48 1.45 0.00	42.83 1.58 0.00	41.76 1.00 -0.46	39.62 0.88 -2.02	39.54 1.14 0.00	43.88 1.47 0.00	39.77 1.51 0.00	39.59 1.74 0.00	44.42 2.19 0.00	55.56 3.85 0.00	102.57 6.49 -25.84	266.74 7.48 -192.67	115.99 7.05 -41.45	151.18 7.41 -75.02	117.99 7.78 -41.43	114.73 6.21 -57.09	115.02 6.71 -54.08	85.74 6.62 -23.40
EAST_POINT___SOLAR 323840	44.88 1.46 0.00	45.66 1.52 0.00	44.20 1.46 0.00	42.56 1.37 0.00	43.97 1.45 0.00	40.63 1.43 0.00	40.59 1.55 0.00	42.93 1.68 0.00	41.87 1.56 0.00	38.15 1.43 0.00	39.48 1.08 0.00	43.49 1.08 0.00	38.92 0.66 0.00	38.43 0.57 0.00	43.12 0.89 0.00	53.52 1.81 0.00	73.59 3.35 0.00	69.95 3.36 0.00	70.97 3.48 0.00	72.16 3.41 0.00	71.93 3.15 0.00	53.58 2.16 0.00	56.46 2.22 0.00	57.81 2.09 0.00
EAST_PULASKI___ESR 323781	42.52 -0.91 0.00	43.18 -0.96 0.00	41.75 -0.99 0.00	40.17 -1.02 0.00	41.47 -1.05 0.00	38.13 -1.07 0.00	37.97 -1.07 0.00	40.24 -1.01 0.00	39.36 -0.94 0.00	35.96 -0.76 0.00	37.61 -0.79 0.00	41.54 -0.87 0.00	37.34 -0.92 0.00	36.85 -1.01 0.00	41.21 -1.02 0.00	50.82 -0.89 0.00	69.26 -0.98 0.00	65.69 -0.91 0.00	66.56 -0.92 0.00	67.58 -1.17 0.00	67.40 -1.38 0.00	50.40 -1.02 0.00	53.07 -1.17 0.00	54.55 -1.17 0.00
EAST_RIVER___1 323558	45.65 2.22 0.00	46.23 2.09 0.00	44.71 1.97 0.00	43.16 1.98 0.00	44.51 1.99 0.00	41.07 1.87 0.00	41.07 2.03 0.00	43.52 2.27 0.00	42.46 2.15 0.00	38.75 2.03 0.00	40.58 2.18 0.00	44.70 2.29 0.00	40.36 2.10 0.00	39.92 2.06 0.00	44.43 2.20 0.00	54.34 2.63 0.00	73.62 3.38 0.00	70.11 3.52 0.00	71.09 3.61 0.00	72.53 3.78 0.00	72.79 4.01 0.00	54.46 3.03 0.00	57.29 3.06 0.00	58.61 2.88 0.00
EAST_RIVER___2 323559	45.68 2.26 0.00	46.24 2.11 0.00	44.64 1.91 0.00	43.10 1.91 0.00	44.44 1.92 0.00	41.01 1.82 0.00	41.02 1.99 0.00	43.46 2.21 0.00	42.42 2.11 0.00	38.72 2.00 0.00	40.55 2.15 0.00	44.66 2.25 0.00	40.32 2.06 0.00	39.90 2.04 0.00	44.41 2.18 0.00	54.31 2.61 0.00	73.60 3.36 0.00	70.08 3.48 0.00	71.05 3.57 0.00	72.50 3.75 0.00	72.75 3.97 0.00	54.42 3.00 0.00	57.25 3.01 0.00	58.55 2.83 0.00
EAST___DELAWARE_HYD 23607	44.78 1.35 0.00	45.31 1.18 0.00	43.78 1.05 0.00	42.24 1.06 0.00	43.61 1.09 0.00	40.25 1.05 0.00	40.25 1.22 0.00	42.63 1.38 0.00	41.58 1.28 0.00	37.80 1.08 0.00	39.44 1.04 0.00	43.63 1.22 0.00	39.37 1.11 0.00	38.80 0.95 0.00	43.22 0.98 0.00	53.11 1.40 0.00	72.44 2.20 0.00	69.05 2.46 0.00	70.04 2.55 0.00	71.36 2.61 0.00	71.47 2.69 0.00	53.43 2.00 0.00	56.25 2.01 0.00	57.52 1.80 0.00
EIGHT_POINT___WT_PWR 323820	41.59 -1.84 0.00	42.28 -1.85 0.00	41.45 -1.29 0.00	40.06 -1.13 0.00	41.53 -0.98 0.00	38.48 -0.72 0.00	38.63 -0.40 0.00	41.03 -0.22 0.00	40.71 0.40 0.00	37.00 0.28 0.00	38.55 0.14 0.00	43.08 0.67 0.00	38.72 0.46 0.00	38.50 0.65 0.00	43.30 1.07 0.00	53.04 1.33 0.00	72.09 1.85 0.00	68.13 1.53 0.00	68.83 1.35 0.00	68.45 -0.30 0.00	66.56 -2.22 0.00	48.76 -2.66 0.00	50.77 -3.47 0.00	51.70 -4.02 0.00
ELBRIDGE_115KV_TB2 80188	42.99 -0.43 0.00	43.70 -0.43 0.00	42.30 -0.43 0.00	40.76 -0.42 0.00	42.05 -0.46 0.00	38.78 -0.41 0.00	38.58 -0.45 0.00	40.66 -0.59 0.00	39.83 -0.47 0.00	36.33 -0.39 0.00	37.93 -0.48 0.00	41.89 -0.52 0.00	37.73 -0.52 0.00	37.36 -0.49 0.00	41.72 -0.51 0.00	51.07 -0.63 0.00	69.39 -0.86 0.00	65.80 -0.79 0.00	66.68 -0.81 0.00	67.73 -1.02 0.00	67.56 -1.22 0.00	50.38 -1.05 0.00	53.09 -1.15 0.00	54.45 -1.27 0.00
ELEC_TRO_TEK 24086	45.93 2.51 0.00	46.41 2.27 0.00	44.78 2.05 0.00	43.25 2.07 0.00	44.65 2.13 0.00	41.19 2.00 0.00	41.21 2.18 0.00	43.55 2.30 0.00	42.30 2.00 0.00	38.71 1.99 0.00	40.62 2.21 0.00	44.73 2.32 0.00	40.24 1.98 0.00	39.87 2.01 0.00	44.35 2.12 0.00	54.40 2.70 0.00	73.85 3.61 0.00	70.40 3.81 0.00	71.42 3.93 0.00	72.76 4.02 0.00	72.96 4.18 0.00	54.59 3.16 0.00	57.58 3.35 0.00	58.99 3.27 0.00
ELLENBURG_WT_PWR 323604	42.54 -0.89 0.00	43.51 -0.62 0.00	42.15 -0.59 0.00	40.64 -0.54 0.00	41.97 -0.54 0.00	38.78 -0.41 0.00	38.58 -0.45 0.00	41.02 -0.23 0.00	39.98 -0.33 0.00	36.39 -0.33 0.00	38.15 -0.26 0.00	42.20 -0.21 0.00	38.10 -0.16 0.00	37.82 -0.03 0.00	42.33 0.10 0.00	52.00 0.29 0.00	71.10 0.86 0.00	67.19 0.59 0.00	67.96 0.47 0.00	69.53 0.78 0.00	69.77 0.99 0.00	52.14 0.71 0.00	55.13 0.89 0.00	56.66 0.94 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.54 -0.88 0.00	43.40 -0.73 0.00	42.24 -0.50 0.00	40.51 -0.67 0.00	41.84 -0.68 0.00	38.77 -0.43 0.00	38.68 -0.36 0.00	40.68 -0.57 0.00	40.37 0.07 0.00	37.14 0.42 0.00	38.91 0.50 0.00	43.21 0.81 0.00	38.53 0.28 0.00	38.07 0.22 0.00	42.40 0.16 0.00	51.33 -0.37 0.00	69.59 -0.65 0.00	65.47 -1.13 0.00	66.41 -1.08 0.00	66.62 -2.13 0.00	65.23 -3.55 0.00	48.44 -2.98 0.00	51.22 -3.02 0.00	53.00 -2.72 0.00
EMPIRE_CC_1 323656	44.55 1.13 0.00	45.20 1.06 0.00	43.77 1.04 0.00	42.25 1.06 0.00	43.58 1.07 0.00	40.10 0.90 0.00	39.97 0.94 0.00	42.09 0.84 0.00	41.11 0.81 0.00	37.44 0.72 0.00	39.23 0.83 0.00	43.24 0.83 0.00	39.14 0.88 0.00	38.76 0.91 0.00	43.26 1.03 0.00	52.84 1.14 0.00	71.63 1.39 0.00	68.07 1.48 0.00	68.87 1.38 0.00	70.18 1.43 0.00	70.52 1.74 0.00	52.87 1.45 0.00	55.72 1.48 0.00	57.32 1.60 0.00
EMPIRE_CC_2 323658	44.55 1.13 0.00	45.20 1.06 0.00	43.77 1.04 0.00	42.25 1.06 0.00	43.58 1.07 0.00	40.10 0.90 0.00	39.97 0.94 0.00	42.09 0.84 0.00	41.11 0.81 0.00	37.44 0.72 0.00	39.23 0.83 0.00	43.24 0.83 0.00	39.14 0.88 0.00	38.76 0.91 0.00	43.26 1.03 0.00	52.84 1.14 0.00	71.63 1.39 0.00	68.07 1.48 0.00	68.87 1.38 0.00	70.18 1.43 0.00	70.52 1.74 0.00	52.87 1.45 0.00	55.72 1.48 0.00	57.32 1.60 0.00
ENORWICH_115KV_TB1 80156	44.31 0.88 0.00	44.83 0.70 0.00	43.27 0.54 0.00	41.78 0.60 0.00	43.41 0.89 0.00	40.36 1.16 0.00	40.35 1.32 0.00	43.03 1.77 0.00	42.25 1.95 0.00	38.35 1.63 0.00	39.89 1.48 0.00	43.73 1.32 0.00	39.25 1.00 0.00	39.28 1.43 0.00	44.67 2.44 0.00	55.60 3.89 0.00	76.31 6.07 0.00	72.76 6.17 0.00	73.73 6.24 0.00	74.72 5.98 0.00	74.36 5.58 0.00	55.18 3.75 0.00	57.43 3.19 0.00	57.61 1.90 0.00
ERIE_ST__34_KV_TB1-2 80199	43.06 -0.36 0.00	43.89 -0.24 0.00	42.69 -0.05 0.00	40.94 -0.24 0.00	42.27 -0.24 0.00	39.11 -0.09 0.00	39.05 0.02 0.00	41.11 -0.14 0.00	40.79 0.48 0.00	37.48 0.76 0.00	39.29 0.89 0.00	43.63 1.22 0.00	38.93 0.67 0.00	38.48 0.62 0.00	42.87 0.64 0.00	51.95 0.25 0.00	70.42 0.18 0.00	66.32 -0.28 0.00	67.26 -0.23 0.00	67.55 -1.19 0.00	66.24 -2.54 0.00	49.17 -2.25 0.00	51.96 -2.28 0.00	53.69 -2.04 0.00
ERIE_WT_PWR 323693	42.71 -0.72 0.00	43.57 -0.57 0.00	42.39 -0.35 0.00	40.67 -0.52 0.00	42.01 -0.51 0.00	38.89 -0.31 0.00	38.82 -0.21 0.00	40.91 -0.34 0.00	40.61 0.31 0.00	37.33 0.60 0.00	39.11 0.71 0.00	43.47 1.06 0.00	38.78 0.52 0.00	38.32 0.46 0.00	42.66 0.43 0.00	51.72 0.02 0.00	70.14 -0.10 0.00	66.03 -0.56 0.00	66.97 -0.52 0.00	67.17 -1.58 0.00	65.76 -3.02 0.00	48.76 -2.67 0.00	51.59 -2.65 0.00	53.35 -2.37 0.00
ESPRGFLD_115KV_TB1 80157	43.57 0.14 0.00	44.40 0.27 0.00	42.97 0.23 0.00	41.38 0.20 0.00	42.78 0.27 0.00	39.54 0.34 0.00	39.48 0.44 0.00	41.77 0.52 0.00	40.86 0.55 0.00	37.39 0.67 0.00	39.05 0.65 0.00	43.21 0.80 0.00	38.84 0.58 0.00	38.31 0.46 0.00	42.94 0.70 0.00	52.74 1.04 0.00	71.64 1.40 0.00	67.99 1.39 0.00	69.02 1.53 0.00	70.17 1.43 0.00	69.92 1.14 0.00	52.07 0.64 0.00	54.80 0.56 0.00	56.03 0.31 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.83 0.40 0.00	44.51 0.38 0.00	43.07 0.34 0.00	41.51 0.33 0.00	42.90 0.38 0.00	39.56 0.37 0.00	39.48 0.44 0.00	41.74 0.49 0.00	40.90 0.59 0.00	37.19 0.47 0.00	38.70 0.31 0.00	42.80 0.39 0.00	38.44 0.19 0.00	38.13 0.28 0.00	42.69 0.46 0.00	52.55 0.84 0.00	71.60 1.36 0.00	67.98 1.38 0.00	68.88 1.39 0.00	69.92 1.17 0.00	69.63 0.85 0.00	51.87 0.45 0.00	54.54 0.29 0.00	55.78 0.06 0.00
ETNA____115KV_TB2 80207	43.83 0.40 0.00	44.51 0.38 0.00	43.07 0.34 0.00	41.51 0.33 0.00	42.90 0.38 0.00	39.56 0.37 0.00	39.48 0.44 0.00	41.74 0.49 0.00	40.90 0.59 0.00	37.19 0.47 0.00	38.70 0.31 0.00	42.80 0.39 0.00	38.44 0.19 0.00	38.13 0.28 0.00	42.69 0.46 0.00	52.55 0.84 0.00	71.60 1.36 0.00	67.98 1.38 0.00	68.88 1.39 0.00	69.92 1.17 0.00	69.63 0.85 0.00	51.87 0.45 0.00	54.54 0.29 0.00	55.78 0.06 0.00
EUCLID__115KV_TB2 356179	42.81 -0.61 0.00	43.49 -0.64 0.00	42.12 -0.62 0.00	40.57 -0.62 0.00	41.88 -0.63 0.00	38.59 -0.60 0.00	38.37 -0.66 0.00	40.43 -0.82 0.00	39.61 -0.69 0.00	36.15 -0.58 0.00	37.79 -0.62 0.00	41.76 -0.65 0.00	37.63 -0.62 0.00	37.22 -0.63 0.00	41.54 -0.70 0.00	50.81 -0.90 0.00	69.03 -1.21 0.00	65.43 -1.16 0.00	66.30 -1.19 0.00	67.35 -1.39 0.00	67.20 -1.59 0.00	50.18 -1.25 0.00	52.85 -1.39 0.00	54.32 -1.40 0.00
E_CANADA_CAP_HY 24051	43.48 0.05 0.00	44.36 0.23 0.00	42.94 0.20 0.00	41.33 0.15 0.00	42.71 0.19 0.00	39.46 0.27 0.00	39.36 0.33 0.00	41.59 0.34 0.00	40.55 0.24 0.00	37.07 0.35 0.00	38.61 0.21 0.00	42.70 0.29 0.00	38.38 0.13 0.00	37.86 0.01 0.00	42.43 0.20 0.00	52.24 0.54 0.00	71.21 0.97 0.00	67.50 0.90 0.00	68.52 1.03 0.00	69.74 0.99 0.00	69.53 0.74 0.00	51.81 0.38 0.00	54.67 0.43 0.00	56.05 0.33 0.00
E_CANADA_MHWK_HY 24050	45.78 2.35 0.00	46.38 2.25 0.00	44.84 2.11 0.00	43.26 2.08 0.00	44.71 2.19 0.00	41.22 2.03 0.00	41.29 2.26 0.00	43.74 2.49 0.00	42.49 2.18 0.00	38.40 1.68 0.00	39.86 1.45 0.00	43.93 1.52 0.00	39.46 1.20 0.00	39.20 1.35 0.00	44.07 1.84 0.00	54.71 3.00 0.00	75.15 4.91 0.00	71.67 5.08 0.00	72.66 5.17 0.00	73.92 5.17 0.00	74.11 5.33 0.00	55.42 4.00 0.00	58.21 3.96 0.00	59.40 3.68 0.00
E_FISHKILL__LBMP 23776	45.19 1.77 0.00	45.74 1.61 0.00	44.24 1.51 0.00	42.71 1.53 0.00	44.06 1.54 0.00	40.62 1.42 0.00	40.58 1.55 0.00	42.96 1.71 0.00	41.93 1.62 0.00	38.22 1.49 0.00	39.99 1.59 0.00	44.12 1.71 0.00	39.84 1.58 0.00	39.40 1.54 0.00	43.87 1.64 0.00	53.67 1.97 0.00	72.83 2.59 0.00	69.34 2.75 0.00	70.28 2.79 0.00	71.64 2.89 0.00	71.89 3.11 0.00	53.81 2.38 0.00	56.66 2.42 0.00	58.04 2.32 0.00
FALCON__SEABRD_CC1 323796	43.01 -0.41 0.00	44.06 -0.07 0.00	42.70 -0.03 0.00	41.19 0.00 0.00	42.53 0.01 0.00	39.25 0.05 0.00	39.07 0.04 0.00	41.57 0.32 0.00	40.52 0.22 0.00	36.83 0.11 0.00	38.55 0.15 0.00	42.75 0.34 0.00	38.60 0.35 0.00	38.34 0.48 0.00	42.95 0.72 0.00	52.79 1.09 0.00	72.32 2.08 0.00	68.34 1.75 0.00	69.07 1.58 0.00	70.63 1.88 0.00	70.92 2.14 0.00	53.02 1.60 0.00	56.01 1.77 0.00	57.52 1.80 0.00
FALCON__SEABRD_CC2 323797	43.01 -0.41 0.00	44.06 -0.07 0.00	42.70 -0.03 0.00	41.19 0.00 0.00	42.53 0.01 0.00	39.25 0.05 0.00	39.07 0.04 0.00	41.57 0.32 0.00	40.52 0.22 0.00	36.83 0.11 0.00	38.55 0.15 0.00	42.75 0.34 0.00	38.60 0.35 0.00	38.34 0.48 0.00	42.95 0.72 0.00	52.79 1.09 0.00	72.32 2.08 0.00	68.34 1.75 0.00	69.07 1.58 0.00	70.63 1.88 0.00	70.92 2.14 0.00	53.02 1.60 0.00	56.01 1.77 0.00	57.52 1.80 0.00

FAR ROCKAWAY___4 23548	46.62 3.20 0.00	47.09 2.96 0.00	45.42 2.68 0.00	43.85 2.67 0.00	45.28 2.76 0.00	41.78 2.58 0.00	41.83 2.80 0.00	44.22 2.96 0.00	42.91 2.60 0.00	39.27 2.54 0.00	41.21 2.81 0.00	45.37 2.96 0.00	40.84 2.58 0.00	40.43 2.57 0.00	44.97 2.74 0.00	55.22 3.52 0.00	75.05 4.81 0.00	71.60 5.01 0.00	72.64 5.15 0.00	74.00 5.25 0.00	74.16 5.38 0.00	55.45 4.02 0.00	58.45 4.22 0.00	59.86 4.13 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.69 2.26 0.00	46.28 2.14 0.00	44.75 2.02 0.00	43.20 2.02 0.00	44.56 2.04 0.00	41.11 1.91 0.00	41.10 2.07 0.00	43.56 2.31 0.00	42.50 2.19 0.00	38.79 2.06 0.00	40.62 2.22 0.00	44.74 2.34 0.00	40.41 2.15 0.00	39.97 2.11 0.00	44.47 2.24 0.00	54.39 2.68 0.00	73.69 3.45 0.00	70.16 3.56 0.00	71.16 3.67 0.00	72.59 3.85 0.00	72.87 4.08 0.00	54.51 3.09 0.00	57.35 3.11 0.00	58.67 2.95 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.72 2.29 0.00	46.30 2.17 0.00	44.78 2.04 0.00	43.24 2.06 0.00	44.57 2.06 0.00	41.14 1.94 0.00	41.14 2.10 0.00	43.58 2.33 0.00	42.52 2.22 0.00	38.81 2.08 0.00	40.63 2.23 0.00	44.78 2.38 0.00	40.43 2.17 0.00	39.99 2.14 0.00	44.49 2.25 0.00	54.41 2.71 0.00	73.74 3.50 0.00	70.21 3.61 0.00	71.20 3.71 0.00	72.65 3.90 0.00	72.92 4.13 0.00	54.54 3.12 0.00	57.39 3.15 0.00	58.70 2.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.66 2.24 0.00	46.25 2.11 0.00	44.73 2.00 0.00	43.20 2.02 0.00	44.53 2.01 0.00	41.09 1.89 0.00	41.09 2.05 0.00	43.54 2.29 0.00	42.48 2.18 0.00	38.76 2.04 0.00	40.59 2.19 0.00	44.73 2.32 0.00	40.38 2.13 0.00	39.94 2.09 0.00	44.44 2.21 0.00	54.35 2.65 0.00	73.63 3.39 0.00	70.13 3.54 0.00	71.11 3.63 0.00	72.56 3.82 0.00	72.82 4.04 0.00	54.48 3.06 0.00	57.32 3.08 0.00	58.65 2.93 0.00
FARRAGUT___LBMP 323566	45.63 2.21 0.00	46.22 2.08 0.00	44.70 1.97 0.00	43.16 1.98 0.00	44.50 1.99 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.51 2.25 0.00	42.44 2.14 0.00	38.74 2.02 0.00	40.56 2.15 0.00	44.70 2.29 0.00	40.35 2.10 0.00	39.91 2.06 0.00	44.40 2.17 0.00	54.31 2.60 0.00	73.59 3.35 0.00	70.07 3.47 0.00	71.05 3.56 0.00	72.51 3.76 0.00	72.78 4.00 0.00	54.44 3.01 0.00	57.28 3.05 0.00	58.60 2.88 0.00
FENNER___WINDPWR 24204	43.83 0.41 0.00	44.56 0.43 0.00	43.12 0.38 0.00	41.53 0.34 0.00	42.96 0.45 0.00	39.61 0.41 0.00	39.59 0.55 0.00	41.97 0.71 0.00	41.09 0.79 0.00	37.46 0.73 0.00	39.07 0.67 0.00	43.10 0.69 0.00	38.87 0.61 0.00	38.38 0.52 0.00	42.96 0.72 0.00	52.81 1.10 0.00	71.88 1.64 0.00	68.11 1.52 0.00	68.98 1.49 0.00	70.10 1.35 0.00	69.95 1.17 0.00	52.23 0.80 0.00	54.96 0.73 0.00	56.32 0.60 0.00
FIBERTEK___ENERGY 23856	43.21 -0.22 0.00	43.89 -0.25 0.00	42.49 -0.24 0.00	40.92 -0.26 0.00	42.25 -0.27 0.00	38.94 -0.25 0.00	38.74 -0.30 0.00	40.83 -0.42 0.00	39.99 -0.32 0.00	36.48 -0.25 0.00	38.10 -0.30 0.00	42.11 -0.30 0.00	37.94 -0.31 0.00	37.54 -0.31 0.00	41.93 -0.30 0.00	51.33 -0.37 0.00	69.73 -0.51 0.00	66.13 -0.47 0.00	66.99 -0.50 0.00	68.07 -0.68 0.00	67.90 -0.88 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.80 -0.92 0.00
FITZPATRICK___ 23598	42.23 -1.20 0.00	42.91 -1.22 0.00	41.56 -1.17 0.00	40.03 -1.15 0.00	41.33 -1.19 0.00	38.08 -1.11 0.00	37.82 -1.21 0.00	39.82 -1.44 0.00	38.97 -1.34 0.00	35.57 -1.16 0.00	37.19 -1.22 0.00	41.06 -1.34 0.00	37.03 -1.23 0.00	36.64 -1.22 0.00	40.86 -1.38 0.00	49.97 -1.74 0.00	67.89 -2.35 0.00	64.36 -2.24 0.00	65.20 -2.29 0.00	66.30 -2.45 0.00	66.18 -2.60 0.00	49.43 -1.99 0.00	52.10 -2.14 0.00	53.57 -2.15 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.76 2.33 0.00	46.31 2.17 0.00	44.78 2.04 0.00	43.20 2.02 0.00	44.58 2.06 0.00	41.11 1.92 0.00	41.11 2.08 0.00	43.53 2.28 0.00	42.48 2.18 0.00	38.68 1.95 0.00	40.48 2.07 0.00	44.70 2.30 0.00	40.35 2.10 0.00	39.88 2.03 0.00	44.45 2.21 0.00	54.45 2.74 0.00	73.98 3.74 0.00	70.44 3.85 0.00	71.41 3.92 0.00	72.78 4.03 0.00	72.97 4.19 0.00	54.57 3.14 0.00	57.42 3.18 0.00	58.77 3.05 0.00
FORT ORANGE___ 23900	44.77 1.34 0.00	45.39 1.25 0.00	43.93 1.20 0.00	42.39 1.21 0.00	43.76 1.24 0.00	40.31 1.12 0.00	40.21 1.18 0.00	42.47 1.22 0.00	41.48 1.17 0.00	37.70 0.98 0.00	39.37 0.97 0.00	43.38 0.98 0.00	39.21 0.96 0.00	38.85 0.99 0.00	43.37 1.13 0.00	53.17 1.46 0.00	72.14 1.90 0.00	68.60 2.01 0.00	69.45 1.97 0.00	70.72 1.97 0.00	70.95 2.17 0.00	53.23 1.80 0.00	56.03 1.79 0.00	57.50 1.78 0.00
FORT_DRUM_COGEN 23780	42.18 -1.25 0.00	42.89 -1.25 0.00	41.31 -1.43 0.00	39.63 -1.55 0.00	40.91 -1.61 0.00	37.50 -1.70 0.00	37.68 -1.35 0.00	40.67 -0.58 0.00	39.67 -0.64 0.00	36.17 -0.56 0.00	37.92 -0.48 0.00	41.66 -0.75 0.00	37.27 -0.99 0.00	36.56 -1.29 0.00	41.16 -1.08 0.00	51.69 -0.01 0.00	71.26 1.02 0.00	67.86 1.27 0.00	68.77 1.28 0.00	69.67 0.93 0.00	69.34 0.56 0.00	51.90 0.47 0.00	54.70 0.46 0.00	56.01 0.29 0.00
FOX_HILLS___ESR 323835	46.01 2.58 0.00	46.58 2.45 0.00	45.04 2.30 0.00	43.47 2.29 0.00	44.82 2.30 0.00	41.38 2.19 0.00	41.36 2.32 0.00	43.73 2.48 0.00	42.64 2.34 0.00	38.91 2.19 0.00	40.71 2.31 0.00	44.82 2.41 0.00	40.44 2.18 0.00	40.01 2.15 0.00	44.51 2.28 0.00	54.51 2.81 0.00	73.66 3.42 0.00	70.20 3.61 0.00	71.29 3.80 0.00	72.81 4.06 0.00	72.99 4.21 0.00	54.58 3.16 0.00	57.43 3.19 0.00	58.73 3.01 0.00
FPL_FAR_ROCK_GT1 24212	46.62 3.20 0.00	47.09 2.96 0.00	45.42 2.69 0.00	43.85 2.67 0.00	45.28 2.76 0.00	41.78 2.59 0.00	41.83 2.80 0.00	44.22 2.96 0.00	42.91 2.60 0.00	39.27 2.54 0.00	41.21 2.81 0.00	45.37 2.96 0.00	40.83 2.57 0.00	40.42 2.57 0.00	44.97 2.74 0.00	55.22 3.51 0.00	75.05 4.81 0.00	71.60 5.01 0.00	72.64 5.15 0.00	74.00 5.25 0.00	74.16 5.37 0.00	55.45 4.02 0.00	58.45 4.22 0.00	59.86 4.14 0.00
FPL_FAR_ROCK_GT2 23815	46.62 3.20 0.00	47.09 2.96 0.00	45.42 2.69 0.00	43.85 2.67 0.00	45.28 2.76 0.00	41.78 2.59 0.00	41.83 2.80 0.00	44.22 2.96 0.00	42.91 2.60 0.00	39.27 2.54 0.00	41.21 2.81 0.00	45.37 2.96 0.00	40.83 2.57 0.00	40.42 2.57 0.00	44.97 2.74 0.00	55.22 3.51 0.00	75.05 4.81 0.00	71.60 5.01 0.00	72.64 5.15 0.00	74.00 5.25 0.00	74.16 5.37 0.00	55.45 4.02 0.00	58.45 4.22 0.00	59.86 4.14 0.00
FRANKLIN_FALL_HYD 24054	43.21 -0.22 0.00	44.23 0.09 0.00	42.84 0.11 0.00	41.28 0.10 0.00	42.63 0.11 0.00	39.36 0.17 0.00	39.23 0.19 0.00	41.78 0.52 0.00	40.73 0.43 0.00	37.08 0.35 0.00	38.87 0.47 0.00	42.91 0.50 0.00	38.67 0.41 0.00	38.30 0.45 0.00	42.82 0.59 0.00	52.74 1.03 0.00	72.20 1.96 0.00	68.21 1.62 0.00	68.94 1.45 0.00	70.56 1.81 0.00	70.78 2.00 0.00	52.91 1.48 0.00	56.01 1.77 0.00	57.56 1.84 0.00



FREEPORT_EQUS_GT1 23764	46.27 2.85 0.00	46.75 2.61 0.00	45.08 2.35 0.00	43.52 2.34 0.00	44.93 2.41 0.00	41.47 2.28 0.00	41.52 2.49 0.00	43.87 2.62 0.00	42.55 2.25 0.00	38.93 2.21 0.00	40.86 2.46 0.00	44.97 2.56 0.00	40.44 2.18 0.00	40.06 2.21 0.00	44.57 2.34 0.00	54.75 3.04 0.00	74.26 4.02 0.00	70.77 4.18 0.00	71.98 4.49 0.00	73.32 4.57 0.00	73.48 4.70 0.00	54.95 3.53 0.00	58.01 3.77 0.00	59.45 3.73 0.00
FREEPORT___CT2 23818	46.27 2.85 0.00	46.75 2.61 0.00	45.08 2.35 0.00	43.52 2.34 0.00	44.93 2.41 0.00	41.47 2.28 0.00	41.52 2.49 0.00	43.87 2.62 0.00	42.55 2.25 0.00	38.93 2.21 0.00	40.86 2.46 0.00	44.97 2.56 0.00	40.44 2.18 0.00	40.06 2.21 0.00	44.57 2.34 0.00	54.75 3.04 0.00	74.26 4.02 0.00	70.77 4.18 0.00	71.98 4.49 0.00	73.32 4.57 0.00	73.48 4.70 0.00	54.95 3.53 0.00	58.01 3.77 0.00	59.45 3.73 0.00
FRESHKLS_33_KV_LOAD 356253	46.28 2.86 0.00	46.86 2.73 0.00	45.32 2.58 0.00	43.74 2.56 0.00	45.10 2.58 0.00	41.64 2.44 0.00	41.61 2.58 0.00	43.89 2.64 0.00	42.80 2.50 0.00	39.03 2.30 0.00	40.80 2.40 0.00	44.91 2.50 0.00	40.52 2.27 0.00	40.09 2.24 0.00	44.62 2.39 0.00	54.67 2.96 0.00	73.82 3.58 0.00	70.36 3.77 0.00	71.47 3.98 0.00	72.97 4.22 0.00	73.09 4.31 0.00	54.66 3.24 0.00	57.51 3.27 0.00	58.82 3.10 0.00
FULTON COGEN____ 23766	42.41 -1.02 0.00	43.07 -1.06 0.00	41.71 -1.03 0.00	40.18 -1.01 0.00	41.48 -1.04 0.00	38.22 -0.98 0.00	37.98 -1.05 0.00	40.02 -1.23 0.00	39.18 -1.12 0.00	35.77 -0.95 0.00	37.39 -1.02 0.00	41.30 -1.11 0.00	37.22 -1.04 0.00	36.78 -1.07 0.00	41.10 -1.13 0.00	50.30 -1.40 0.00	68.38 -1.86 0.00	64.84 -1.75 0.00	65.68 -1.81 0.00	66.73 -2.02 0.00	66.58 -2.20 0.00	49.72 -1.70 0.00	52.37 -1.87 0.00	53.82 -1.89 0.00
FULTON___LFGE 323630	44.69 1.27 0.00	45.45 1.32 0.00	43.98 1.25 0.00	42.36 1.17 0.00	43.75 1.23 0.00	40.40 1.20 0.00	40.34 1.30 0.00	42.67 1.42 0.00	41.56 1.26 0.00	37.71 0.99 0.00	39.04 0.64 0.00	43.25 0.85 0.00	38.83 0.57 0.00	38.54 0.69 0.00	43.25 1.02 0.00	53.37 1.66 0.00	73.02 2.79 0.00	69.35 2.76 0.00	70.32 2.83 0.00	71.58 2.84 0.00	71.44 2.66 0.00	53.28 1.86 0.00	56.17 1.93 0.00	57.53 1.81 0.00
G.F.CEMENT___DRP 24184	46.64 3.21 0.00	47.16 3.03 0.00	45.73 2.99 0.00	44.11 2.93 0.00	45.52 3.00 0.00	41.87 2.68 0.00	41.96 2.92 0.00	44.45 3.20 0.00	43.43 3.12 0.00	39.36 2.64 0.00	41.05 2.65 0.00	45.27 2.86 0.00	40.89 2.63 0.00	40.47 2.61 0.00	45.29 3.06 0.00	55.68 3.98 0.00	76.32 6.08 0.00	72.54 5.95 0.00	73.36 5.88 0.00	74.63 5.88 0.00	74.88 6.10 0.00	55.95 4.53 0.00	59.01 4.77 0.00	60.51 4.79 0.00
GARDENVILLE___LBMP 24039	42.53 -0.90 0.00	43.38 -0.75 0.00	42.21 -0.53 0.00	40.50 -0.68 0.00	41.85 -0.66 0.00	38.76 -0.43 0.00	38.70 -0.34 0.00	40.74 -0.52 0.00	40.42 0.12 0.00	37.17 0.44 0.00	38.93 0.53 0.00	43.27 0.86 0.00	38.60 0.34 0.00	38.14 0.28 0.00	42.49 0.26 0.00	51.47 -0.24 0.00	69.77 -0.46 0.00	65.66 -0.94 0.00	66.59 -0.90 0.00	66.77 -1.97 0.00	65.35 -3.43 0.00	48.50 -2.92 0.00	51.27 -2.97 0.00	53.06 -2.66 0.00
GARDNVLA_35_KV_LD 355827	42.91 -0.51 0.00	43.77 -0.36 0.00	42.57 -0.16 0.00	40.83 -0.35 0.00	42.18 -0.33 0.00	39.06 -0.13 0.00	39.02 -0.02 0.00	41.09 -0.16 0.00	40.78 0.47 0.00	37.49 0.76 0.00	39.29 0.89 0.00	43.67 1.26 0.00	38.95 0.70 0.00	38.49 0.64 0.00	42.87 0.64 0.00	51.95 0.25 0.00	70.46 0.23 0.00	66.34 -0.25 0.00	67.28 -0.21 0.00	67.50 -1.24 0.00	66.07 -2.72 0.00	49.02 -2.41 0.00	51.78 -2.46 0.00	53.55 -2.17 0.00
GELCKHM___115KV_LOAD 80723	42.95 -0.47 0.00	43.63 -0.50 0.00	42.26 -0.48 0.00	40.70 -0.49 0.00	42.01 -0.50 0.00	38.73 -0.47 0.00	38.51 -0.52 0.00	40.58 -0.67 0.00	39.75 -0.55 0.00	36.27 -0.45 0.00	37.89 -0.51 0.00	41.89 -0.52 0.00	37.75 -0.51 0.00	37.33 -0.52 0.00	41.67 -0.56 0.00	51.01 -0.70 0.00	69.29 -0.95 0.00	65.69 -0.90 0.00	66.57 -0.92 0.00	67.62 -1.13 0.00	67.46 -1.32 0.00	50.36 -1.06 0.00	53.05 -1.19 0.00	54.50 -1.22 0.00
GENERAL___MILLS 23808	42.73 -0.70 0.00	43.59 -0.55 0.00	42.41 -0.32 0.00	40.67 -0.51 0.00	42.03 -0.49 0.00	38.92 -0.27 0.00	38.86 -0.17 0.00	40.91 -0.34 0.00	40.60 0.29 0.00	37.31 0.59 0.00	39.10 0.70 0.00	43.45 1.05 0.00	38.76 0.50 0.00	38.29 0.43 0.00	42.65 0.42 0.00	51.69 -0.01 0.00	70.11 -0.13 0.00	65.98 -0.62 0.00	66.91 -0.58 0.00	67.14 -1.61 0.00	65.72 -3.07 0.00	48.77 -2.66 0.00	51.54 -2.70 0.00	53.31 -2.42 0.00
GE_PLASTICS___DRP 24183	44.49 1.06 0.00	45.11 0.98 0.00	43.67 0.94 0.00	42.13 0.95 0.00	43.49 0.97 0.00	40.05 0.86 0.00	39.95 0.91 0.00	42.20 0.95 0.00	41.22 0.92 0.00	37.53 0.81 0.00	39.21 0.81 0.00	43.25 0.84 0.00	39.09 0.83 0.00	38.69 0.84 0.00	43.15 0.92 0.00	52.82 1.12 0.00	71.59 1.35 0.00	68.03 1.44 0.00	68.89 1.40 0.00	70.17 1.43 0.00	70.41 1.63 0.00	52.81 1.39 0.00	55.62 1.38 0.00	57.11 1.39 0.00
GILBOA___1 23756	44.39 0.96 0.00	45.01 0.88 0.00	43.57 0.83 0.00	42.02 0.84 0.00	43.37 0.85 0.00	39.96 0.76 0.00	39.87 0.84 0.00	42.15 0.90 0.00	41.18 0.88 0.00	37.52 0.80 0.00	39.22 0.83 0.00	43.32 0.91 0.00	39.10 0.84 0.00	38.66 0.81 0.00	43.09 0.85 0.00	52.72 1.02 0.00	71.22 0.98 0.00	67.62 1.03 0.00	68.60 1.11 0.00	69.90 1.15 0.00	70.15 1.37 0.00	52.63 1.20 0.00	55.46 1.22 0.00	56.95 1.23 0.00
GILBOA___2 23757	44.39 0.96 0.00	45.01 0.88 0.00	43.57 0.83 0.00	42.02 0.84 0.00	43.37 0.85 0.00	39.96 0.76 0.00	39.87 0.84 0.00	42.15 0.90 0.00	41.18 0.88 0.00	37.52 0.80 0.00	39.22 0.83 0.00	43.32 0.91 0.00	39.10 0.84 0.00	38.66 0.81 0.00	43.09 0.85 0.00	52.72 1.02 0.00	71.22 0.98 0.00	67.62 1.03 0.00	68.60 1.11 0.00	69.90 1.15 0.00	70.15 1.37 0.00	52.63 1.20 0.00	55.46 1.22 0.00	56.95 1.23 0.00
GILBOA___3 23758	44.39 0.96 0.00	45.01 0.88 0.00	43.57 0.83 0.00	42.02 0.84 0.00	43.37 0.85 0.00	39.96 0.76 0.00	39.87 0.84 0.00	42.15 0.90 0.00	41.18 0.88 0.00	37.52 0.80 0.00	39.22 0.83 0.00	43.32 0.91 0.00	39.10 0.84 0.00	38.66 0.81 0.00	43.09 0.85 0.00	52.72 1.02 0.00	71.22 0.98 0.00	67.62 1.03 0.00	68.60 1.11 0.00	69.90 1.15 0.00	70.15 1.37 0.00	52.63 1.20 0.00	55.46 1.22 0.00	56.95 1.23 0.00
GILBOA___4 23759	44.39 0.96 0.00	45.01 0.88 0.00	43.57 0.83 0.00	42.02 0.84 0.00	43.37 0.85 0.00	39.96 0.76 0.00	39.87 0.84 0.00	42.15 0.90 0.00	41.18 0.88 0.00	37.52 0.80 0.00	39.22 0.83 0.00	43.32 0.91 0.00	39.10 0.84 0.00	38.66 0.81 0.00	43.09 0.85 0.00	52.72 1.02 0.00	71.22 0.98 0.00	67.62 1.03 0.00	68.60 1.11 0.00	69.90 1.15 0.00	70.15 1.37 0.00	52.63 1.20 0.00	55.46 1.22 0.00	56.95 1.23 0.00

GILBOA____ 23599	44.39 0.96 0.00	45.01 0.88 0.00	43.57 0.83 0.00	42.02 0.84 0.00	43.37 0.85 0.00	39.96 0.76 0.00	39.87 0.83 0.00	42.15 0.90 0.00	41.18 0.88 0.00	37.52 0.80 0.00	39.22 0.82 0.00	43.32 0.91 0.00	39.10 0.84 0.00	38.66 0.81 0.00	43.09 0.85 0.00	52.72 1.02 0.00	71.22 0.99 0.00	67.63 1.03 0.00	68.60 1.12 0.00	69.90 1.15 0.00	70.15 1.37 0.00	52.63 1.20 0.00	55.46 1.23 0.00	56.95 1.23 0.00
GINNA____ 23603	41.30 -2.13 0.00	42.01 -2.13 0.00	40.76 -1.98 0.00	39.17 -2.01 0.00	40.44 -2.07 0.00	37.42 -1.78 0.00	37.27 -1.76 0.00	39.26 -1.99 0.00	38.67 -1.63 0.00	35.40 -1.33 0.00	37.02 -1.38 0.00	41.00 -1.41 0.00	36.80 -1.46 0.00	36.43 -1.43 0.00	40.63 -1.60 0.00	49.46 -2.25 0.00	67.24 -3.00 0.00	63.55 -3.04 0.00	64.42 -3.07 0.00	65.09 -3.66 0.00	64.43 -4.36 0.00	47.94 -3.48 0.00	50.48 -3.76 0.00	51.96 -3.76 0.00
GLEN PARK____ 23778	42.20 -1.23 0.00	42.90 -1.24 0.00	41.32 -1.41 0.00	39.64 -1.54 0.00	40.94 -1.58 0.00	37.52 -1.68 0.00	37.72 -1.31 0.00	40.70 -0.56 0.00	39.67 -0.63 0.00	36.15 -0.57 0.00	37.88 -0.53 0.00	41.62 -0.79 0.00	37.22 -1.04 0.00	36.49 -1.36 0.00	41.09 -1.14 0.00	51.66 -0.05 0.00	71.28 1.05 0.00	67.93 1.33 0.00	68.83 1.35 0.00	69.75 1.00 0.00	69.40 0.61 0.00	51.90 0.47 0.00	54.67 0.43 0.00	55.96 0.24 0.00
GLENDALE_27_KV_LOAD 356172	45.92 2.50 0.00	46.50 2.37 0.00	44.98 2.25 0.00	43.42 2.24 0.00	44.75 2.23 0.00	41.30 2.11 0.00	41.31 2.27 0.00	43.78 2.53 0.00	42.72 2.41 0.00	38.99 2.27 0.00	40.86 2.46 0.00	45.00 2.59 0.00	40.62 2.36 0.00	40.17 2.31 0.00	44.68 2.45 0.00	54.65 2.94 0.00	73.98 3.74 0.00	70.45 3.86 0.00	71.46 3.97 0.00	73.00 4.25 0.00	73.27 4.49 0.00	54.80 3.37 0.00	57.65 3.42 0.00	58.94 3.22 0.00
GLENWOOD_IC_1_G5 23712	45.97 2.55 0.00	46.48 2.35 0.00	44.89 2.15 0.00	43.34 2.15 0.00	44.73 2.21 0.00	41.27 2.08 0.00	41.27 2.23 0.00	43.66 2.41 0.00	42.49 2.18 0.00	38.82 2.10 0.00	40.70 2.30 0.00	44.85 2.44 0.00	40.40 2.14 0.00	40.00 2.14 0.00	44.52 2.28 0.00	54.53 2.83 0.00	73.53 3.29 0.00	70.08 3.49 0.00	71.05 3.56 0.00	72.42 3.67 0.00	72.63 3.85 0.00	54.46 3.04 0.00	57.65 3.42 0.00	59.03 3.31 0.00
GLENWOOD_IC_2_G1 23688	45.74 2.32 0.00	46.26 2.13 0.00	44.70 1.96 0.00	43.16 1.98 0.00	44.53 2.02 0.00	41.07 1.87 0.00	41.08 2.04 0.00	43.46 2.21 0.00	42.33 2.02 0.00	38.66 1.94 0.00	40.51 2.11 0.00	44.63 2.22 0.00	40.24 1.99 0.00	39.83 1.97 0.00	44.31 2.08 0.00	54.29 2.58 0.00	73.61 3.37 0.00	70.11 3.52 0.00	71.10 3.62 0.00	72.49 3.74 0.00	72.71 3.93 0.00	54.41 2.99 0.00	57.35 3.11 0.00	58.72 3.00 0.00
GLENWOOD_IC_3_G1 23689	45.74 2.32 0.00	46.26 2.13 0.00	44.70 1.96 0.00	43.16 1.98 0.00	44.53 2.02 0.00	41.07 1.87 0.00	41.08 2.04 0.00	43.46 2.21 0.00	42.33 2.02 0.00	38.66 1.94 0.00	40.51 2.11 0.00	44.63 2.22 0.00	40.24 1.99 0.00	39.83 1.97 0.00	44.31 2.08 0.00	54.29 2.58 0.00	73.61 3.37 0.00	70.11 3.52 0.00	71.10 3.62 0.00	72.49 3.74 0.00	72.71 3.93 0.00	54.41 2.99 0.00	57.35 3.11 0.00	58.72 3.00 0.00
GLENWOOD____4 23550	45.97 2.55 0.00	46.48 2.35 0.00	44.89 2.15 0.00	43.34 2.15 0.00	44.73 2.21 0.00	41.27 2.08 0.00	41.27 2.23 0.00	43.66 2.41 0.00	42.49 2.18 0.00	38.82 2.10 0.00	40.70 2.30 0.00	44.85 2.44 0.00	40.40 2.14 0.00	40.00 2.14 0.00	44.52 2.28 0.00	54.54 2.83 0.00	73.70 3.46 0.00	70.23 3.64 0.00	71.24 3.75 0.00	72.61 3.86 0.00	72.82 4.04 0.00	54.55 3.12 0.00	57.65 3.42 0.00	59.03 3.31 0.00
GLENWOOD____5 23614	45.97 2.55 0.00	46.48 2.35 0.00	44.89 2.15 0.00	43.34 2.15 0.00	44.73 2.21 0.00	41.27 2.08 0.00	41.27 2.23 0.00	43.66 2.41 0.00	42.49 2.18 0.00	38.82 2.10 0.00	40.70 2.30 0.00	44.85 2.44 0.00	40.40 2.14 0.00	40.00 2.14 0.00	44.52 2.28 0.00	54.54 2.83 0.00	73.70 3.46 0.00	70.23 3.64 0.00	71.24 3.75 0.00	72.61 3.86 0.00	72.82 4.04 0.00	54.55 3.12 0.00	57.65 3.42 0.00	59.03 3.31 0.00
GLOBAL GREEN_PORT_GT1 23814	45.86 2.43 0.00	46.16 2.03 0.00	44.50 1.76 0.00	42.97 1.78 0.00	44.36 1.84 0.00	41.05 1.85 0.00	41.14 2.10 0.00	43.51 2.26 0.00	42.45 1.69 -0.46	40.27 1.52 -2.02	40.19 1.79 0.00	44.45 2.05 0.00	40.20 1.94 0.00	40.01 2.16 0.00	44.82 2.59 0.00	55.87 4.16 0.00	102.76 6.68 -25.84	266.66 7.43 -192.64	116.11 7.18 -41.44	151.22 7.47 -75.01	117.91 7.71 -41.42	114.55 6.04 -57.08	114.78 6.47 -54.07	85.50 6.38 -23.40
GLOBE____DSASP 323697	41.82 -1.61 0.00	42.68 -1.45 0.00	41.56 -1.18 0.00	39.84 -1.34 0.00	41.09 -1.43 0.00	38.11 -1.09 0.00	37.93 -1.10 0.00	39.77 -1.48 0.00	39.49 -0.82 0.00	36.36 -0.36 0.00	38.10 -0.30 0.00	42.29 -0.11 0.00	37.63 -0.62 0.00	37.16 -0.70 0.00	41.34 -0.89 0.00	49.81 -1.90 0.00	67.27 -2.96 0.00	63.18 -3.41 0.00	64.13 -3.35 0.00	64.42 -4.32 0.00	63.10 -5.68 0.00	47.15 -4.28 0.00	50.01 -4.22 0.00	51.84 -3.88 0.00
GOETHSLN____LBMP 323567	45.45 2.03 0.00	46.04 1.90 0.00	44.52 1.79 0.00	42.99 1.81 0.00	44.33 1.81 0.00	40.91 1.71 0.00	40.90 1.87 0.00	43.36 2.11 0.00	42.30 2.00 0.00	38.59 1.87 0.00	40.39 1.99 0.00	44.49 2.09 0.00	40.18 1.92 0.00	39.75 1.89 0.00	44.22 1.99 0.00	54.10 2.40 0.00	73.33 3.10 0.00	69.86 3.27 0.00	70.84 3.36 0.00	72.29 3.55 0.00	72.57 3.79 0.00	54.27 2.84 0.00	57.11 2.87 0.00	58.43 2.70 0.00
GOLAH____69_KV_TB 1_2 80279	43.57 0.15 0.00	44.47 0.33 0.00	43.21 0.48 0.00	41.50 0.32 0.00	42.90 0.38 0.00	39.67 0.47 0.00	39.65 0.61 0.00	41.52 0.27 0.00	40.93 0.62 0.00	37.48 0.75 0.00	39.14 0.74 0.00	43.28 0.88 0.00	38.92 0.66 0.00	38.43 0.58 0.00	42.98 0.75 0.00	52.18 0.47 0.00	70.93 0.69 0.00	66.95 0.36 0.00	67.89 0.40 0.00	68.46 -0.29 0.00	67.54 -1.24 0.00	50.25 -1.18 0.00	53.00 -1.23 0.00	54.61 -1.11 0.00
GOODYEAR_LAKE_HYD 323669	44.30 0.88 0.00	45.01 0.88 0.00	43.56 0.82 0.00	41.98 0.80 0.00	43.39 0.87 0.00	40.06 0.86 0.00	40.02 0.99 0.00	42.36 1.11 0.00	41.45 1.14 0.00	37.85 1.13 0.00	39.57 1.17 0.00	43.74 1.33 0.00	39.36 1.10 0.00	38.88 1.02 0.00	43.51 1.27 0.00	53.39 1.68 0.00	72.43 2.19 0.00	68.81 2.21 0.00	69.79 2.31 0.00	70.98 2.23 0.00	70.86 2.08 0.00	52.86 1.44 0.00	55.58 1.35 0.00	56.80 1.08 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.22 -0.21 0.00	43.92 -0.21 0.00	42.54 -0.19 0.00	40.98 -0.20 0.00	42.36 -0.15 0.00	38.96 -0.24 0.00	38.90 -0.14 0.00	41.13 -0.12 0.00	40.31 0.00 0.00	36.79 0.07 0.00	38.39 -0.01 0.00	42.57 0.16 0.00	38.30 0.04 0.00	37.87 0.01 0.00	42.32 0.08 0.00	51.83 0.12 0.00	70.24 0.00 0.00	66.57 -0.03 0.00	67.43 -0.06 0.00	68.45 -0.29 0.00	68.20 -0.58 0.00	50.86 -0.57 0.00	53.59 -0.65 0.00	54.94 -0.78 0.00

GOUDEY___7 23579	43.22 -0.21 0.00	43.92 -0.21 0.00	42.54 -0.19 0.00	40.98 -0.20 0.00	42.36 -0.15 0.00	38.96 -0.24 0.00	38.90 -0.14 0.00	41.13 -0.12 0.00	40.31 0.00 0.00	36.79 0.07 0.00	38.39 -0.01 0.00	42.57 0.16 0.00	38.30 0.04 0.00	37.87 0.01 0.00	42.32 0.08 0.00	51.83 0.12 0.00	70.24 0.00 0.00	66.57 -0.03 0.00	67.43 -0.06 0.00	68.45 -0.29 0.00	68.20 -0.58 0.00	50.86 -0.57 0.00	53.59 -0.65 0.00	54.94 -0.78 0.00
GOUDEY___8 23580	43.22 -0.21 0.00	43.92 -0.21 0.00	42.54 -0.19 0.00	40.98 -0.20 0.00	42.36 -0.15 0.00	38.96 -0.24 0.00	38.90 -0.14 0.00	41.13 -0.12 0.00	40.31 0.00 0.00	36.79 0.07 0.00	38.39 -0.01 0.00	42.57 0.16 0.00	38.30 0.04 0.00	37.87 0.01 0.00	42.32 0.08 0.00	51.83 0.12 0.00	70.24 0.00 0.00	66.57 -0.03 0.00	67.43 -0.06 0.00	68.45 -0.29 0.00	68.20 -0.58 0.00	50.86 -0.57 0.00	53.59 -0.65 0.00	54.94 -0.78 0.00
GOWANUS_GT1_1 24077	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT1_2 24078	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT1_3 24079	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT1_4 24080	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT1_5 24084	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT1_6 24111	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.3															

GOWANUS_GT2_6 24119	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT2_7 24120	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT2_8 24121	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_1 24122	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_2 24123	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_3 24124	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_4 24125	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_5 24126	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_6 24127	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_7 24128	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT3_8 24129	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
GOWANUS_GT4_1 24130	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT4_2 24131	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT4_3 24132	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT4_4 24133	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00

GOWANUS_GT4_5 24134	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT4_6 24135	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT4_7 24136	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GOWANUS_GT4_8 24137	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GREATVRV_69_KV_BK1 356245	46.80 3.37 0.00	47.23 3.10 0.00	45.52 2.79 0.00	43.95 2.77 0.00	45.37 2.85 0.00	41.91 2.72 0.00	41.99 2.95 0.00	44.31 3.06 0.00	43.21 2.57 -0.34	40.77 2.55 -1.49	41.21 2.81 0.00	45.33 2.92 0.00	40.69 2.43 0.00	40.37 2.52 0.00	45.01 2.78 0.00	55.43 3.72 0.00	89.25 5.31 -13.71	160.97 5.06 -89.31	93.56 5.38 -20.69	110.12 5.27 -36.10	95.15 5.48 -20.89	82.24 3.97 -26.84	83.92 4.20 -25.49	70.46 4.12 -10.62
GREENBSH_115KV_TB3 55895	44.47 1.05 0.00	45.10 0.97 0.00	43.67 0.94 0.00	42.14 0.95 0.00	43.48 0.96 0.00	40.05 0.85 0.00	39.94 0.90 0.00	42.18 0.93 0.00	41.19 0.89 0.00	37.51 0.78 0.00	39.19 0.79 0.00	43.21 0.80 0.00	39.08 0.82 0.00	38.70 0.85 0.00	43.16 0.92 0.00	52.82 1.11 0.00	71.57 1.33 0.00	68.03 1.43 0.00	68.85 1.37 0.00	70.12 1.37 0.00	70.39 1.61 0.00	52.84 1.42 0.00	55.64 1.40 0.00	57.13 1.41 0.00
GREENDGE_115KV_TB5 80291	43.38 -0.05 0.00	44.10 -0.03 0.00	42.83 0.10 0.00	41.28 0.10 0.00	42.78 0.26 0.00	39.40 0.20 0.00	39.55 0.51 0.00	41.96 0.71 0.00	41.28 0.97 0.00	37.38 0.66 0.00	38.68 0.28 0.00	43.07 0.67 0.00	38.68 0.42 0.00	38.53 0.68 0.00	43.31 1.08 0.00	53.27 1.56 0.00	72.52 2.28 0.00	68.68 2.09 0.00	69.51 2.03 0.00	70.07 1.32 0.00	69.09 0.31 0.00	51.14 -0.29 0.00	53.56 -0.68 0.00	54.82 -0.90 0.00
GREENIDGE___3 23582	43.38 -0.05 0.00	44.10 -0.03 0.00	42.83 0.10 0.00	41.28 0.10 0.00	42.78 0.26 0.00	39.40 0.20 0.00	39.55 0.51 0.00	41.96 0.71 0.00	41.28 0.97 0.00	37.38 0.66 0.00	38.68 0.28 0.00	43.07 0.67 0.00	38.68 0.42 0.00	38.53 0.68 0.00	43.31 1.08 0.00	53.27 1.56 0.00	72.52 2.28 0.00	68.68 2.09 0.00	69.51 2.03 0.00	70.07 1.32 0.00	69.09 0.31 0.00	51.14 -0.29 0.00	53.56 -0.68 0.00	54.82 -0.90 0.00
GREENIDGE___4 23583	43.38 -0.05 0.00	44.10 -0.04 0.00	42.83 0.10 0.00	41.28 0.10 0.00	42.78 0.26 0.00	39.40 0.20 0.00	39.54 0.51 0.00	41.96 0.70 0.00	41.28 0.97 0.00	37.38 0.66 0.00	38.68 0.28 0.00	43.07 0.67 0.00	38.68 0.42 0.00	38.53 0.68 0.00	43.31 1.08 0.00	53.27 1.57 0.00	72.51 2.28 0.00	68.68 2.09 0.00	69.51 2.03 0.00	70.06 1.31 0.00	69.09 0.31 0.00	51.14 -0.29 0.00	53.56 -0.68 0.00	54.82 -0.90 0.00
GREENLWN_69_KV_BK 3 55738	45.97 2.54 0.00	46.41 2.28 0.00	44.74 2.01 0.00	43.21 2.03 0.00	44.61 2.10 0.00	41.18 1.98 0.00	41.18 2.14 0.00	43.44 2.18 0.00	41.63 1.73 0.40	36.79 1.83 1.76	40.60 2.20 0.00	44.69 2.28 0.00	40.08 1.83 0.00	39.71 1.85 0.00	44.16 1.93 0.00	54.24 2.53 0.00	65.39 3.54 8.39	41.73 3.81 28.67	61.38 3.95 10.06	58.12 4.03 14.65	62.32 4.14 10.61	45.08 3.14 9.48	48.46 3.37 9.15	56.22 3.38 2.88
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00
GRISSOM___SOLAR 323813	44.96 1.53 0.00	45.68 1.55 0.00	44.20 1.46 0.00	42.57 1.39 0.00	43.96 1.45 0.00	40.57 1.38 0.00	40.52 1.48 0.00	42.87 1.62 0.00	41.74 1.44 0.00	37.76 1.04 0.00	39.00 0.60 0.00	43.26 0.85 0.00	38.81 0.56 0.00	38.67 0.82 0.00	43.39 1.15 0.00	53.53 1.82 0.00	73.30 3.06 0.00	69.65 3.05 0.00	70.59 3.10 0.00	71.86 3.11 0.00	71.76 2.98 0.00	53.56 2.13 0.00	56.46 2.22 0.00	57.85 2.13 0.00
GROVEVILLE___HYD 323602	45.76 2.33 0.00	46.31 2.17 0.00	44.78 2.04 0.00	43.20 2.02 0.00	44.58 2.06 0.00	41.11 1.92 0.00	41.11 2.08 0.00	43.53 2.28 0.00	42.48 2.18 0.00	38.68 1.95 0.00	40.48 2.07 0.00	44.70 2.30 0.00	40.35 2.10 0.00	39.88 2.03 0.00	44.45 2.21 0.00	54.45 2.74 0.00	73.98 3.74 0.00	70.44 3.85 0.00	71.41 3.92 0.00	72.78 4.03 0.00	72.97 4.19 0.00	54.57 3.14 0.00	57.42 3.18 0.00	58.77 3.05 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.21 -0.22 0.00	43.89 -0.25 0.00	42.49 -0.24 0.00	40.92 -0.26 0.00	42.25 -0.27 0.00	38.94 -0.25 0.00	38.74 -0.30 0.00	40.83 -0.42 0.00	39.99 -0.32 0.00	36.48 -0.25 0.00	38.10 -0.30 0.00	42.11 -0.30 0.00	37.94 -0.31 0.00	37.54 -0.31 0.00	41.93 -0.30 0.00	51.33 -0.37 0.00	69.73 -0.51 0.00	66.13 -0.47 0.00	66.99 -0.50 0.00	68.07 -0.68 0.00	67.90 -0.88 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.80 -0.92 0.00
HAMLTNNY_34_KV_TB 80303	43.27 -0.15 0.00	43.97 -0.16 0.00	42.59 -0.15 0.00	41.02 -0.16 0.00	42.34 -0.17 0.00	39.06 -0.14 0.00	38.86 -0.18 0.00	40.95 -0.30 0.00	40.15 -0.15 0.00	36.63 -0.10 0.00	38.18 -0.22 0.00	42.23 -0.18 0.00	38.05 -0.21 0.00	37.66 -0.19 0.00	42.06 -0.17 0.00	51.48 -0.23 0.00	69.95 -0.29 0.00	66.34 -0.25 0.00	67.20 -0.29 0.00	68.23 -0.52 0.00	67.99 -0.79 0.00	50.68 -0.74 0.00	53.39 -0.85 0.00	54.78 -0.93 0.00

HAMPSHIRE___PAPER_HYD 323593	42.51 -0.92 0.00	43.37 -0.76 0.00	41.82 -0.92 0.00	40.29 -0.90 0.00	41.59 -0.93 0.00	37.97 -1.23 0.00	37.98 -1.06 0.00	40.68 -0.57 0.00	39.70 -0.60 0.00	36.14 -0.58 0.00	38.05 -0.35 0.00	41.87 -0.54 0.00	37.60 -0.66 0.00	37.09 -0.76 0.00	41.58 -0.65 0.00	51.51 -0.20 0.00	70.17 -0.07 0.00	66.39 -0.20 0.00	67.14 -0.35 0.00	68.38 -0.37 0.00	68.46 -0.32 0.00	51.57 0.14 0.00	54.65 0.42 0.00	56.10 0.38 0.00
HARDSCRABBLE_WT_PWR 323673	45.04 1.62 0.00	45.73 1.60 0.00	44.22 1.48 0.00	42.65 1.47 0.00	44.07 1.55 0.00	40.65 1.45 0.00	40.70 1.66 0.00	43.08 1.84 0.00	41.92 1.61 0.00	37.99 1.27 0.00	39.49 1.09 0.00	43.53 1.13 0.00	39.13 0.87 0.00	38.84 0.98 0.00	43.65 1.42 0.00	54.09 2.38 0.00	74.14 3.90 0.00	70.61 4.02 0.00	71.65 4.16 0.00	72.93 4.19 0.00	73.07 4.29 0.00	54.66 3.23 0.00	57.41 3.17 0.00	58.64 2.92 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.46 2.03 0.00	45.98 1.85 0.00	44.45 1.72 0.00	42.89 1.71 0.00	44.28 1.76 0.00	40.84 1.65 0.00	40.83 1.80 0.00	43.22 1.97 0.00	42.15 1.85 0.00	38.41 1.68 0.00	40.16 1.76 0.00	44.38 1.98 0.00	40.05 1.79 0.00	39.58 1.73 0.00	44.08 1.85 0.00	54.01 2.31 0.00	73.34 3.10 0.00	69.86 3.26 0.00	70.82 3.33 0.00	72.18 3.44 0.00	72.38 3.59 0.00	54.12 2.69 0.00	56.93 2.70 0.00	58.26 2.54 0.00
HARSNRAD_115KV_TB1 81005	42.50 -0.93 0.00	43.34 -0.79 0.00	42.19 -0.55 0.00	40.45 -0.73 0.00	41.75 -0.77 0.00	38.73 -0.47 0.00	38.49 -0.54 0.00	40.38 -0.87 0.00	40.09 -0.21 0.00	36.82 0.10 0.00	38.54 0.14 0.00	42.80 0.39 0.00	38.15 -0.10 0.00	37.68 -0.17 0.00	41.98 -0.25 0.00	50.76 -0.95 0.00	68.90 -1.34 0.00	64.76 -1.83 0.00	65.71 -1.77 0.00	65.99 -2.76 0.00	64.63 -4.15 0.00	48.09 -3.34 0.00	50.83 -3.41 0.00	52.61 -3.11 0.00
HARZA MOOSE___RIVER 24016	43.21 -0.21 0.00	43.93 -0.21 0.00	42.43 -0.31 0.00	40.74 -0.44 0.00	42.13 -0.39 0.00	38.68 -0.52 0.00	38.76 -0.27 0.00	41.47 0.22 0.00	40.61 0.30 0.00	37.07 0.35 0.00	38.90 0.50 0.00	42.79 0.39 0.00	38.44 0.18 0.00	37.90 0.05 0.00	42.50 0.27 0.00	52.60 0.89 0.00	71.85 1.62 0.00	68.23 1.64 0.00	69.10 1.61 0.00	70.20 1.45 0.00	70.02 1.24 0.00	52.41 0.98 0.00	55.24 1.01 0.00	56.59 0.87 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.93 -0.49 0.00	43.61 -0.52 0.00	42.23 -0.50 0.00	40.68 -0.50 0.00	42.01 -0.50 0.00	38.71 -0.49 0.00	38.49 -0.54 0.00	40.56 -0.69 0.00	39.74 -0.57 0.00	36.26 -0.47 0.00	37.88 -0.52 0.00	41.89 -0.52 0.00	37.75 -0.51 0.00	37.33 -0.52 0.00	41.66 -0.57 0.00	51.00 -0.71 0.00	69.27 -0.97 0.00	65.68 -0.91 0.00	66.55 -0.93 0.00	67.59 -1.15 0.00	67.43 -1.35 0.00	50.35 -1.08 0.00	53.00 -1.24 0.00	54.45 -1.28 0.00
HELLGATE_13_KV_LD 55870	46.00 2.57 0.00	46.58 2.45 0.00	45.08 2.35 0.00	43.52 2.33 0.00	44.83 2.31 0.00	41.40 2.20 0.00	41.40 2.37 0.00	43.88 2.63 0.00	42.81 2.50 0.00	39.09 2.37 0.00	40.96 2.56 0.00	45.11 2.70 0.00	40.70 2.45 0.00	40.27 2.41 0.00	44.77 2.54 0.00	54.75 3.04 0.00	74.08 3.84 0.00	70.55 3.96 0.00	71.59 4.10 0.00	73.12 4.37 0.00	73.42 4.63 0.00	54.91 3.48 0.00	57.76 3.52 0.00	59.06 3.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.00 2.57 0.00	46.58 2.45 0.00	45.08 2.35 0.00	43.52 2.33 0.00	44.83 2.31 0.00	41.40 2.20 0.00	41.40 2.37 0.00	43.88 2.63 0.00	42.81 2.50 0.00	39.09 2.37 0.00	40.96 2.56 0.00	45.11 2.70 0.00	40.70 2.45 0.00	40.27 2.41 0.00	44.77 2.54 0.00	54.75 3.04 0.00	74.08 3.84 0.00	70.55 3.96 0.00	71.59 4.10 0.00	73.12 4.37 0.00	73.42 4.63 0.00	54.91 3.48 0.00	57.76 3.52 0.00	59.06 3.34 0.00
HEMPSTEAD____ 23647	45.87 2.44 0.00	46.35 2.22 0.00	44.74 2.01 0.00	43.20 2.02 0.00	44.59 2.07 0.00	41.15 1.96 0.00	41.17 2.14 0.00	43.52 2.27 0.00	42.26 1.96 0.00	38.66 1.93 0.00	40.57 2.16 0.00	44.66 2.25 0.00	40.19 1.93 0.00	39.80 1.95 0.00	44.28 2.05 0.00	54.34 2.63 0.00	73.63 3.39 0.00	70.17 3.58 0.00	71.23 3.74 0.00	72.57 3.82 0.00	72.76 3.98 0.00	54.46 3.03 0.00	57.52 3.28 0.00	58.92 3.19 0.00
HICKLING___1 23621	42.53 -0.89 0.00	43.30 -0.84 0.00	42.03 -0.71 0.00	40.48 -0.71 0.00	41.93 -0.58 0.00	38.54 -0.66 0.00	38.62 -0.42 0.00	40.91 -0.35 0.00	40.25 -0.06 0.00	36.69 -0.04 0.00	38.23 -0.17 0.00	42.63 0.23 0.00	38.29 0.03 0.00	37.93 0.08 0.00	42.50 0.27 0.00	52.05 0.34 0.00	70.53 0.30 0.00	66.67 0.07 0.00	67.46 -0.03 0.00	68.10 -0.65 0.00	67.24 -1.55 0.00	49.86 -1.56 0.00	52.39 -1.85 0.00	53.72 -2.00 0.00
HICKLING___2 23622	42.53 -0.89 0.00	43.30 -0.84 0.00	42.03 -0.71 0.00	40.48 -0.71 0.00	41.93 -0.58 0.00	38.54 -0.66 0.00	38.62 -0.42 0.00	40.91 -0.35 0.00	40.25 -0.06 0.00	36.69 -0.04 0.00	38.23 -0.17 0.00	42.63 0.23 0.00	38.29 0.03 0.00	37.93 0.08 0.00	42.50 0.27 0.00	52.05 0.34 0.00	70.53 0.30 0.00	66.67 0.07 0.00	67.46 -0.03 0.00	68.10 -0.65 0.00	67.24 -1.55 0.00	49.86 -1.56 0.00	52.39 -1.85 0.00	53.72 -2.00 0.00
HIGH FALLS___HY 23754	45.72 2.29 0.00	46.25 2.11 0.00	44.69 1.95 0.00	43.12 1.93 0.00	44.50 1.99 0.00	41.06 1.87 0.00	41.08 2.05 0.00	43.52 2.26 0.00	42.48 2.17 0.00	38.66 1.93 0.00	40.32 1.91 0.00	44.61 2.20 0.00	40.24 1.99 0.00	39.67 1.81 0.00	44.13 1.90 0.00	54.20 2.50 0.00	73.95 3.71 0.00	70.52 3.92 0.00	71.52 4.04 0.00	72.89 4.14 0.00	73.01 4.23 0.00	54.53 3.10 0.00	57.39 3.16 0.00	58.69 2.96 0.00
HIGH_RIVER___SOLAR 323847	44.77 1.34 0.00	45.51 1.38 0.00	44.05 1.32 0.00	42.42 1.24 0.00	43.83 1.31 0.00	40.44 1.24 0.00	40.38 1.35 0.00	42.67 1.41 0.00	41.34 1.03 0.00	37.49 0.77 0.00	39.01 0.61 0.00	43.12 0.71 0.00	38.83 0.57 0.00	38.41 0.55 0.00	43.08 0.84 0.00	53.24 1.53 0.00	72.95 2.72 0.00	69.32 2.73 0.00	70.28 2.79 0.00	71.52 2.77 0.00	71.48 2.69 0.00	53.35 1.93 0.00	56.25 2.01 0.00	57.66 1.94 0.00
HILLBURN___GT 23639	45.34 1.92 0.00	45.86 1.73 0.00	44.32 1.59 0.00	42.77 1.59 0.00	44.15 1.63 0.00	40.74 1.54 0.00	40.72 1.68 0.00	43.11 1.86 0.00	42.04 1.74 0.00	38.32 1.60 0.00	40.09 1.69 0.00	44.25 1.85 0.00	39.95 1.69 0.00	39.51 1.65 0.00	43.96 1.73 0.00	53.85 2.14 0.00	73.05 2.82 0.00	69.59 3.00 0.00	70.56 3.08 0.00	71.94 3.19 0.00	72.15 3.37 0.00	53.96 2.53 0.00	56.79 2.55 0.00	58.12 2.40 0.00
HILLSIDE_115KV_TB1 80332	42.13 -1.30 0.00	42.89 -1.24 0.00	41.59 -1.15 0.00	40.04 -1.14 0.00	41.45 -1.07 0.00	38.03 -1.17 0.00	38.07 -0.96 0.00	40.31 -0.94 0.00	39.60 -0.70 0.00	36.15 -0.58 0.00	37.69 -0.71 0.00	41.96 -0.44 0.00	37.72 -0.54 0.00	37.30 -0.55 0.00	41.73 -0.50 0.00	51.09 -0.61 0.00	69.11 -1.13 0.00	65.36 -1.24 0.00	66.14 -1.35 0.00	66.94 -1.81 0.00	66.36 -2.42 0.00	49.34 -2.09 0.00	51.95 -2.29 0.00	53.28 -2.44 0.00

HISHELDN_WT_PWR 323625	41.79 -1.64 0.00	42.58 -1.55 0.00	41.48 -1.26 0.00	39.85 -1.33 0.00	41.29 -1.23 0.00	38.30 -0.90 0.00	38.30 -0.73 0.00	40.44 -0.81 0.00	40.15 -0.15 0.00	36.75 0.02 0.00	38.44 0.04 0.00	42.81 0.40 0.00	38.32 0.06 0.00	37.94 0.08 0.00	42.38 0.14 0.00	51.48 -0.23 0.00	69.84 -0.40 0.00	65.78 -0.82 0.00	66.62 -0.87 0.00	66.70 -2.05 0.00	65.19 -3.59 0.00	48.22 -3.20 0.00	50.72 -3.52 0.00	52.40 -3.32 0.00
HOLTSVILLE_IC_1 23690	46.09 2.66 0.00	46.49 2.36 0.00	44.81 2.08 0.00	43.29 2.11 0.00	44.68 2.16 0.00	41.26 2.06 0.00	41.31 2.28 0.00	43.60 2.35 0.00	42.65 1.86 -0.48	40.71 1.85 -2.14	40.57 2.17 0.00	44.59 2.18 0.00	40.10 1.85 0.00	39.79 1.94 0.00	44.33 2.10 0.00	54.60 2.89 0.00	100.73 4.17 -26.32	264.78 4.37 -193.82	113.97 4.51 -41.97	149.02 4.56 -75.71	115.46 4.69 -41.99	112.48 3.55 -57.51	112.50 3.79 -54.48	83.01 3.80 -23.50
HOLTSVILLE_IC_10 23699	46.30 2.88 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.46 2.28 0.00	44.86 2.35 0.00	41.45 2.26 0.00	41.51 2.48 0.00	43.82 2.57 0.00	42.75 2.06 -0.39	40.48 2.02 -1.74	40.73 2.33 0.00	44.77 2.36 0.00	40.26 2.00 0.00	39.96 2.10 0.00	44.54 2.31 0.00	54.93 3.22 0.00	99.13 4.67 -24.23	256.86 4.80 -185.47	111.80 4.97 -39.34	145.49 5.02 -71.72	113.15 5.12 -39.24	110.10 3.86 -54.82	110.23 4.09 -51.90	82.43 4.09 -22.61
HOLTSVILLE_IC_2 23691	46.09 2.66 0.00	46.49 2.36 0.00	44.81 2.08 0.00	43.29 2.11 0.00	44.68 2.16 0.00	41.26 2.06 0.00	41.31 2.28 0.00	43.60 2.35 0.00	42.65 1.86 -0.48	40.71 1.85 -2.14	40.57 2.17 0.00	44.59 2.18 0.00	40.10 1.85 0.00	39.79 1.94 0.00	44.33 2.10 0.00	54.60 2.89 0.00	100.73 4.17 -26.32	264.78 4.37 -193.82	113.97 4.51 -41.97	149.02 4.56 -75.71	115.46 4.69 -41.99	112.48 3.55 -57.51	112.50 3.79 -54.48	83.01 3.80 -23.50
HOLTSVILLE_IC_3 23692	46.09 2.66 0.00	46.49 2.36 0.00	44.81 2.08 0.00	43.29 2.11 0.00	44.68 2.16 0.00	41.26 2.06 0.00	41.31 2.28 0.00	43.60 2.35 0.00	42.65 1.86 -0.48	40.71 1.85 -2.14	40.57 2.17 0.00	44.59 2.18 0.00	40.10 1.85 0.00	39.79 1.94 0.00	44.33 2.10 0.00	54.60 2.89 0.00	100.73 4.17 -26.32	264.78 4.37 -193.82	113.97 4.51 -41.97	149.02 4.56 -75.71	115.46 4.69 -41.99	112.48 3.55 -57.51	112.50 3.79 -54.48	83.01 3.80 -23.50
HOLTSVILLE_IC_4 23693	46.09 2.66 0.00	46.49 2.36 0.00	44.81 2.08 0.00	43.29 2.11 0.00	44.68 2.16 0.00	41.26 2.06 0.00	41.31 2.28 0.00	43.60 2.35 0.00	42.65 1.86 -0.48	40.71 1.85 -2.14	40.57 2.17 0.00	44.59 2.18 0.00	40.10 1.85 0.00	39.79 1.94 0.00	44.33 2.10 0.00	54.60 2.89 0.00	100.73 4.17 -26.32	264.78 4.37 -193.82	113.97 4.51 -41.97	149.02 4.56 -75.71	115.46 4.69 -41.99	112.48 3.55 -57.51	112.50 3.79 -54.48	83.01 3.80 -23.50
HOLTSVILLE_IC_5 23694	46.09 2.66 0.00	46.49 2.36 0.00	44.81 2.08 0.00	43.29 2.11 0.00	44.68 2.16 0.00	41.26 2.06 0.00	41.31 2.28 0.00	43.60 2.35 0.00	42.65 1.86 -0.48	40.71 1.85 -2.14	40.57 2.17 0.00	44.59 2.18 0.00	40.10 1.85 0.00	39.79 1.94 0.00	44.33 2.10 0.00	54.60 2.89 0.00	100.73 4.17 -26.32	264.78 4.37 -193.82	113.97 4.51 -41.97	149.02 4.56 -75.71	115.46 4.69 -41.99	112.48 3.55 -57.51	112.50 3.79 -54.48	83.01 3.80 -23.50
HOLTSVILLE_IC_6 23695	46.30 2.88 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.46 2.28 0.00	44.86 2.35 0.00	41.45 2.26 0.00	41.51 2.48 0.00	43.82 2.57 0.00	42.75 2.06 -0.39	40.48 2.02 -1.74	40.73 2.33 0.00	44.77 2.36 0.00	40.26 2.00 0.00	39.96 2.10 0.00	44.54 2.31 0.00	54.93 3.22 0.00	99.13 4.67 -24.23	256.86 4.80 -185.47	111.80 4.97 -39.34	145.49 5.02 -71.72	113.15 5.12 -39.24	110.10 3.86 -54.82	110.23 4.09 -51.90	82.43 4.09 -22.61
HOLTSVILLE_IC_7 23696	46.30 2.88 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.46 2.28 0.00	44.86 2.35 0.00	41.45 2.26 0.00	41.51 2.48 0.00	43.82 2.57 0.00	42.75 2.06 -0.39	40.48 2.02 -1.74	40.73 2.33 0.00	44.77 2.36 0.00	40.26 2.00 0.00	39.96 2.10 0.00	44.54 2.31 0.00	54.93 3.22 0.00	99.13 4.67 -24.23	256.86 4.80 -185.47	111.80 4.97 -39.34	145.49 5.02 -71.72	113.15 5.12 -39.24	110.10 3.86 -54.82	110.23 4.09 -51.90	82.43 4.09 -22.61
HOLTSVILLE_IC_8 23697	46.30 2.88 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.46 2.28 0.00	44.86 2.35 0.00	41.45 2.26 0.00	41.51 2.48 0.00	43.82 2.57 0.00	42.75 2.06 -0.39	40.48 2.02 -1.74	40.73 2.33 0.00	44.77 2.36 0.00	40.26 2.00 0.00	39.96 2.10 0.00	44.54 2.31 0.00	54.93 3.22 0.00	99.13 4.67 -24.23	256.86 4.80 -185.47	111.80 4.97 -39.34	145.49 5.02 -71.72	113.15 5.12 -39.24	110.10 3.86 -54.82	110.23 4.09 -51.90	82.43 4.09 -22.61
HOLTSVILLE_IC_9 23698	46.30 2.88 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.46 2.28 0.00	44.86 2.35 0.00	41.45 2.26 0.00	41.51 2.48 0.00	43.82 2.57 0.00	42.75 2.06 -0.39	40.48 2.02 -1.74	40.73 2.33 0.00	44.77 2.36 0.00	40.26 2.00 0.00	39.96 2.10 0.00	44.54 2.31 0.00	54.93 3.22 0.00	99.13 4.67 -24.23	256.86 4.80 -185.47	111.80 4.97 -39.34	145.49 5.02 -71.72	113.15 5.12 -39.24	110.10 3.86 -54.82	110.23 4.09 -51.90	82.43 4.09 -22.61
HOMER_HL_115KV_TB2 355744	42.77 -0.66 0.00	43.54 -0.59 0.00	42.32 -0.42 0.00	40.64 -0.54 0.00	41.95 -0.57 0.00	38.52 -0.67 0.00	38.52 -0.51 0.00	40.71 -0.55 0.00	40.40 0.09 0.00	37.32 0.59 0.00	39.20 0.80 0.00	43.51 1.10 0.00	38.96 0.71 0.00	38.50 0.65 0.00	42.86 0.63 0.00	51.91 0.20 0.00	69.73 -0.51 0.00	65.68 -0.91 0.00	66.52 -0.97 0.00	66.88 -1.86 0.00	65.74 -3.04 0.00	48.73 -2.70 0.00	51.74 -2.50 0.00	53.45 -2.27 0.00
HOWARD_WT_PWR 323690	41.69 -1.74 0.00	42.36 -1.77 0.00	41.55 -1.18 0.00	40.17 -1.02 0.00	41.64 -0.88 0.00	38.58 -0.62 0.00	38.70 -0.33 0.00	41.09 -0.16 0.00	40.80 0.49 0.00	37.08 0.35 0.00	38.64 0.24 0.00	43.17 0.76 0.00	38.79 0.54 0.00	38.59 0.74 0.00	43.41 1.18 0.00	53.15 1.45 0.00	72.26 2.03 0.00	68.29 1.69 0.00	68.99 1.51 0.00	68.62 -0.12 0.00	66.74 -2.05 0.00	48.88 -2.55 0.00	50.87 -3.37 0.00	51.80 -3.92 0.00
HQ_GEN_CEDARS 23644	43.64 0.22 0.00	44.59 0.45 0.00	43.19 0.46 0.00	41.59 0.40 0.00	42.95 0.43 0.00	39.59 0.39 0.00	39.43 0.39 0.00	41.86 0.61 0.00	40.78 0.48 0.00	37.04 0.32 0.00	38.78 0.37 0.00	42.79 0.38 0.00	38.56 0.31 0.00	38.18 0.33 0.00	42.65 0.42 0.00	52.32 0.61 0.00	71.24 1.00 0.00	67.22 0.63 0.00	68.08 0.59 0.00	69.60 0.86 0.00	69.67 0.89 0.00	52.11 0.69 0.00	55.21 0.97 0.00	56.81 1.09 0.00
HQ_GEN_CEDARS_PROXY 323590	43.64 0.22 0.00	44.59 0.45 0.00	43.19 0.46 0.00	41.59 0.40 0.00	42.95 0.43 0.00	35.85 0.39 3.74	35.39 0.39 4.04	41.86 0.61 0.00	40.78 0.48 0.00	37.04 0.32 0.00	38.78 0.37 0.00	42.79 0.38 0.00	38.42 0.31 0.14	38.18 0.33 0.00	42.50 0.42 0.15	51.12 0.61 1.21	71.24 1.00 0.00	67.22 0.62 0.00	68.08 0.59 0.00	69.60 0.86 0.00	69.67 0.89 0.00	52.11 0.69 0.00	55.21 0.97 0.00	56.81 1.09 0.00

HQ_GEN_IMPORT 323601	43.20 -0.23 0.00	44.01 -0.12 0.00	42.62 -0.11 0.00	41.06 -0.12 0.00	42.40 -0.12 0.00	39.12 -0.08 0.00	38.95 -0.09 0.00	41.24 -0.01 0.00	40.23 -0.07 0.00	36.62 -0.11 0.00	38.30 -0.10 0.00	42.30 -0.11 0.00	38.15 -0.11 0.00	37.78 -0.08 0.00	42.17 -0.07 0.00	51.64 -0.06 0.00	70.24 0.00 0.00	66.46 -0.13 0.00	67.37 -0.12 0.00	68.77 0.03 0.00	68.80 0.02 0.00	51.42 -0.01 0.00	54.32 0.07 0.00	55.84 0.12 0.00
HQ_GEN_WHEEL 23651	43.20 -0.23 0.00	44.01 -0.12 0.00	42.62 -0.11 0.00	41.06 -0.12 0.00	42.40 -0.12 0.00	39.12 -0.08 0.00	38.95 -0.09 0.00	41.24 -0.01 0.00	40.23 -0.07 0.00	36.62 -0.11 0.00	38.30 -0.10 0.00	42.30 -0.11 0.00	38.15 -0.11 0.00	37.78 -0.08 0.00	42.17 -0.07 0.00	51.64 -0.06 0.00	70.24 0.00 0.00	66.46 -0.13 0.00	67.37 -0.12 0.00	68.77 0.03 0.00	68.80 0.02 0.00	51.42 -0.01 0.00	54.32 0.07 0.00	55.84 0.12 0.00
HUDSON AVE_GT_3 23810	45.71 2.28 0.00	46.29 2.15 0.00	44.77 2.04 0.00	43.24 2.06 0.00	44.57 2.05 0.00	41.13 1.93 0.00	41.13 2.09 0.00	43.57 2.32 0.00	42.52 2.22 0.00	38.81 2.08 0.00	40.64 2.23 0.00	44.79 2.38 0.00	40.43 2.17 0.00	39.99 2.14 0.00	44.49 2.25 0.00	54.41 2.71 0.00	73.73 3.49 0.00	70.20 3.61 0.00	71.19 3.70 0.00	72.65 3.90 0.00	72.91 4.13 0.00	54.54 3.11 0.00	57.39 3.15 0.00	58.70 2.98 0.00
HUDSON AVE_GT_4 23540	45.71 2.28 0.00	46.29 2.15 0.00	44.77 2.04 0.00	43.24 2.06 0.00	44.57 2.05 0.00	41.13 1.93 0.00	41.13 2.09 0.00	43.57 2.32 0.00	42.52 2.22 0.00	38.81 2.08 0.00	40.64 2.23 0.00	44.79 2.38 0.00	40.43 2.17 0.00	39.99 2.14 0.00	44.49 2.25 0.00	54.41 2.71 0.00	73.73 3.49 0.00	70.20 3.61 0.00	71.19 3.70 0.00	72.65 3.90 0.00	72.91 4.13 0.00	54.54 3.11 0.00	57.39 3.15 0.00	58.70 2.98 0.00
HUDSON AVE_GT_5 23657	45.71 2.28 0.00	46.29 2.15 0.00	44.77 2.04 0.00	43.24 2.06 0.00	44.57 2.05 0.00	41.13 1.93 0.00	41.13 2.09 0.00	43.57 2.32 0.00	42.52 2.22 0.00	38.81 2.08 0.00	40.64 2.23 0.00	44.79 2.38 0.00	40.43 2.17 0.00	39.99 2.14 0.00	44.49 2.25 0.00	54.41 2.71 0.00	73.73 3.49 0.00	70.20 3.61 0.00	71.19 3.70 0.00	72.65 3.90 0.00	72.91 4.13 0.00	54.54 3.11 0.00	57.39 3.15 0.00	58.70 2.98 0.00
HUDSON_AVE_10 24168	45.48 2.05 0.00	46.06 1.93 0.00	44.57 1.83 0.00	43.04 1.86 0.00	44.36 1.85 0.00	40.94 1.75 0.00	40.94 1.90 0.00	43.38 2.13 0.00	42.33 2.02 0.00	38.64 1.91 0.00	40.49 2.08 0.00	44.62 2.22 0.00	40.32 2.06 0.00	39.88 2.03 0.00	44.35 2.12 0.00	54.18 2.47 0.00	73.35 3.11 0.00	69.85 3.26 0.00	70.84 3.35 0.00	72.28 3.54 0.00	72.57 3.79 0.00	54.31 2.89 0.00	57.14 2.90 0.00	58.44 2.72 0.00
HUDSON___115KV_TB 4 355613	45.51 2.09 0.00	46.12 1.98 0.00	44.65 1.92 0.00	43.07 1.88 0.00	44.47 1.96 0.00	40.98 1.79 0.00	40.93 1.90 0.00	43.26 2.01 0.00	42.21 1.91 0.00	38.21 1.48 0.00	39.91 1.51 0.00	43.94 1.53 0.00	39.62 1.37 0.00	39.31 1.46 0.00	44.01 1.78 0.00	54.14 2.44 0.00	73.64 3.40 0.00	70.08 3.49 0.00	70.97 3.48 0.00	72.18 3.44 0.00	72.36 3.58 0.00	54.21 2.79 0.00	57.03 2.79 0.00	58.45 2.73 0.00
HUNTER MOUNT___DRP 323613	45.76 2.33 0.00	46.37 2.24 0.00	44.90 2.16 0.00	43.29 2.11 0.00	44.71 2.19 0.00	41.20 2.01 0.00	41.17 2.14 0.00	43.54 2.29 0.00	42.50 2.19 0.00	38.51 1.79 0.00	40.13 1.73 0.00	44.24 1.83 0.00	39.90 1.64 0.00	39.54 1.69 0.00	44.33 2.10 0.00	54.55 2.84 0.00	74.22 3.98 0.00	70.67 4.07 0.00	71.53 4.04 0.00	72.71 3.97 0.00	72.84 4.06 0.00	54.54 3.12 0.00	57.37 3.13 0.00	58.78 3.06 0.00
HUNTINGTON_RES_REC 323705	46.08 2.65 0.00	46.49 2.36 0.00	44.80 2.07 0.00	43.27 2.09 0.00	44.67 2.15 0.00	41.25 2.05 0.00	41.28 2.25 0.00	43.56 2.31 0.00	42.01 1.81 0.11	38.11 1.86 0.47	40.60 2.20 0.00	44.66 2.25 0.00	40.08 1.82 0.00	39.73 1.88 0.00	44.26 2.02 0.00	54.47 2.77 0.00	107.06 4.00 -32.82	-3.45 4.25 74.29	55.43 4.40 16.46	42.48 4.45 30.72	57.02 4.55 16.31	31.05 3.44 23.81	35.38 3.65 22.51	49.36 3.66 10.02
HUNTLEY___63 23557	42.64 -0.78 0.00	43.49 -0.64 0.00	42.33 -0.41 0.00	40.58 -0.60 0.00	41.88 -0.64 0.00	38.84 -0.36 0.00	38.68 -0.35 0.00	40.61 -0.65 0.00	40.32 0.02 0.00	37.06 0.33 0.00	38.83 0.42 0.00	43.13 0.72 0.00	38.43 0.17 0.00	37.96 0.11 0.00	42.28 0.05 0.00	51.09 -0.62 0.00	69.23 -1.01 0.00	65.09 -1.51 0.00	66.03 -1.46 0.00	66.28 -2.46 0.00	64.92 -3.87 0.00	48.32 -3.10 0.00	51.14 -3.10 0.00	52.92 -2.80 0.00
HUNTLEY___64 23558	42.64 -0.78 0.00	43.49 -0.64 0.00	42.33 -0.41 0.00	40.58 -0.60 0.00	41.88 -0.64 0.00	38.84 -0.36 0.00	38.68 -0.35 0.00	40.61 -0.65 0.00	40.32 0.02 0.00	37.06 0.33 0.00	38.83 0.42 0.00	43.13 0.72 0.00	38.43 0.17 0.00	37.96 0.11 0.00	42.28 0.05 0.00	51.09 -0.62 0.00	69.23 -1.01 0.00	65.09 -1.51 0.00	66.03 -1.46 0.00	66.28 -2.46 0.00	64.92 -3.87 0.00	48.32 -3.10 0.00	51.14 -3.10 0.00	52.92 -2.80 0.00
HUNTLEY___65 23559	42.64 -0.78 0.00	43.49 -0.64 0.00	42.33 -0.41 0.00	40.58 -0.60 0.00	41.88 -0.64 0.00	38.84 -0.36 0.00	38.68 -0.35 0.00	40.61 -0.65 0.00	40.32 0.02 0.00	37.06 0.33 0.00	38.83 0.42 0.00	43.13 0.72 0.00	38.43 0.17 0.00	37.96 0.11 0.00	42.28 0.05 0.00	51.09 -0.62 0.00	69.23 -1.01 0.00	65.09 -1.51 0.00	66.03 -1.46 0.00	66.28 -2.46 0.00	64.92 -3.87 0.00	48.32 -3.10 0.00	51.14 -3.10 0.00	52.92 -2.80 0.00
HUNTLEY___66 23560	42.64 -0.78 0.00	43.49 -0.64 0.00	42.33 -0.41 0.00	40.58 -0.60 0.00	41.88 -0.64 0.00	38.84 -0.36 0.00	38.68 -0.35 0.00	40.61 -0.65 0.00	40.32 0.02 0.00	37.06 0.33 0.00	38.83 0.42 0.00	43.13 0.72 0.00	38.43 0.17 0.00	37.96 0.11 0.00	42.28 0.05 0.00	51.09 -0.62 0.00	69.23 -1.01 0.00	65.09 -1.51 0.00	66.03 -1.46 0.00	66.28 -2.46 0.00	64.92 -3.87 0.00	48.32 -3.10 0.00	51.14 -3.10 0.00	52.92 -2.80 0.00
HUNTLEY___67 23561	42.39 -1.04 0.00	43.25 -0.88 0.00	42.09 -0.65 0.00	40.37 -0.81 0.00	41.67 -0.85 0.00	38.62 -0.58 0.00	38.50 -0.53 0.00	40.46 -0.79 0.00	40.16 -0.15 0.00	36.94 0.22 0.00	38.71 0.31 0.00	42.99 0.58 0.00	38.31 0.06 0.00	37.84 -0.01 0.00	42.13 -0.10 0.00	50.97 -0.73 0.00	69.10 -1.14 0.00	64.99 -1.60 0.00	65.93 -1.55 0.00	66.18 -2.57 0.00	64.81 -3.97 0.00	48.17 -3.26 0.00	50.95 -3.29 0.00	52.73 -2.99 0.00
HUNTLEY___68 23562	42.39 -1.04 0.00	43.25 -0.88 0.00	42.09 -0.65 0.00	40.37 -0.81 0.00	41.67 -0.85 0.00	38.62 -0.58 0.00	38.50 -0.53 0.00	40.46 -0.79 0.00	40.16 -0.15 0.00	36.94 0.22 0.00	38.71 0.31 0.00	42.99 0.58 0.00	38.31 0.06 0.00	37.84 -0.01 0.00	42.13 -0.10 0.00	50.97 -0.73 0.00	69.10 -1.14 0.00	64.99 -1.60 0.00	65.93 -1.55 0.00	66.18 -2.57 0.00	64.81 -3.97 0.00	48.17 -3.26 0.00	50.95 -3.29 0.00	52.73 -2.99 0.00



HYLAND___LFGE 323620	44.84 1.42 0.00	45.50 1.37 0.00	44.27 1.53 0.00	42.58 1.40 0.00	44.12 1.60 0.00	40.83 1.63 0.00	40.89 1.86 0.00	43.31 2.06 0.00	42.82 2.51 0.00	38.80 2.08 0.00	40.48 2.08 0.00	44.94 2.54 0.00	40.33 2.07 0.00	40.06 2.21 0.00	44.86 2.63 0.00	54.79 3.08 0.00	74.76 4.52 0.00	70.82 4.22 0.00	71.84 4.35 0.00	72.13 3.39 0.00	70.72 1.94 0.00	52.32 0.90 0.00	54.75 0.51 0.00	56.16 0.44 0.00
INDECK___CORINTH 23802	46.52 3.09 0.00	47.05 2.92 0.00	45.61 2.87 0.00	43.99 2.81 0.00	45.39 2.87 0.00	41.78 2.58 0.00	41.85 2.81 0.00	44.34 3.09 0.00	43.31 3.01 0.00	39.28 2.55 0.00	40.97 2.57 0.00	45.18 2.77 0.00	40.80 2.55 0.00	40.35 2.50 0.00	45.16 2.93 0.00	55.51 3.80 0.00	76.00 5.77 0.00	72.21 5.62 0.00	73.06 5.57 0.00	74.31 5.56 0.00	74.61 5.83 0.00	55.72 4.30 0.00	58.79 4.55 0.00	60.28 4.56 0.00
INDECK___ILION 23567	44.49 1.07 0.00	45.16 1.02 0.00	43.69 0.95 0.00	42.12 0.94 0.00	43.51 0.99 0.00	40.12 0.92 0.00	40.06 1.03 0.00	42.38 1.13 0.00	41.31 1.01 0.00	37.55 0.83 0.00	39.15 0.75 0.00	43.18 0.78 0.00	38.88 0.62 0.00	38.53 0.68 0.00	43.14 0.91 0.00	53.17 1.47 0.00	72.56 2.33 0.00	69.00 2.40 0.00	69.95 2.46 0.00	71.19 2.45 0.00	71.30 2.52 0.00	53.32 1.89 0.00	56.10 1.86 0.00	57.45 1.73 0.00
INDECK___OLEAN 23982	42.76 -0.66 0.00	43.54 -0.60 0.00	42.32 -0.41 0.00	40.64 -0.54 0.00	41.95 -0.57 0.00	38.52 -0.67 0.00	38.51 -0.52 0.00	40.71 -0.55 0.00	40.40 0.09 0.00	37.31 0.58 0.00	39.20 0.80 0.00	43.51 1.10 0.00	38.96 0.71 0.00	38.50 0.65 0.00	42.86 0.63 0.00	51.90 0.19 0.00	69.73 -0.51 0.00	65.68 -0.91 0.00	66.52 -0.97 0.00	66.88 -1.86 0.00	65.74 -3.05 0.00	48.72 -2.71 0.00	51.74 -2.50 0.00	53.45 -2.27 0.00
INDECK___OSWEGO 23783	42.36 -1.07 0.00	43.02 -1.11 0.00	41.64 -1.10 0.00	40.10 -1.08 0.00	41.41 -1.11 0.00	38.13 -1.07 0.00	37.89 -1.15 0.00	39.94 -1.32 0.00	39.09 -1.22 0.00	35.69 -1.04 0.00	37.30 -1.10 0.00	41.20 -1.21 0.00	37.13 -1.12 0.00	36.71 -1.15 0.00	40.98 -1.26 0.00	50.21 -1.49 0.00	68.27 -1.97 0.00	64.74 -1.85 0.00	65.60 -1.88 0.00	66.65 -2.09 0.00	66.53 -2.25 0.00	49.71 -1.72 0.00	52.35 -1.89 0.00	53.82 -1.90 0.00
INDECK___YERKES 23781	42.66 -0.76 0.00	43.51 -0.62 0.00	42.35 -0.39 0.00	40.61 -0.58 0.00	41.91 -0.60 0.00	38.87 -0.33 0.00	38.70 -0.33 0.00	40.64 -0.61 0.00	40.34 0.04 0.00	37.09 0.36 0.00	38.85 0.45 0.00	43.16 0.75 0.00	38.46 0.20 0.00	37.99 0.13 0.00	42.31 0.08 0.00	51.13 -0.57 0.00	69.26 -0.98 0.00	65.13 -1.47 0.00	66.08 -1.41 0.00	66.33 -2.42 0.00	64.96 -3.82 0.00	48.36 -3.06 0.00	51.17 -3.07 0.00	52.96 -2.76 0.00
INDIAN POINT_GT_1 24139	45.34 1.91 0.00	45.88 1.75 0.00	44.35 1.62 0.00	42.80 1.62 0.00	44.17 1.65 0.00	40.74 1.55 0.00	40.72 1.68 0.00	43.12 1.87 0.00	42.05 1.75 0.00	38.34 1.62 0.00	40.12 1.72 0.00	44.26 1.85 0.00	39.95 1.69 0.00	39.51 1.65 0.00	43.98 1.75 0.00	53.84 2.13 0.00	73.04 2.80 0.00	69.58 2.99 0.00	70.54 3.05 0.00	71.92 3.17 0.00	72.16 3.38 0.00	53.98 2.55 0.00	56.83 2.59 0.00	58.16 2.44 0.00
INDIAN POINT_GT_2 23659	45.34 1.91 0.00	45.88 1.75 0.00	44.35 1.62 0.00	42.80 1.62 0.00	44.17 1.65 0.00	40.74 1.55 0.00	40.72 1.68 0.00	43.12 1.87 0.00	42.05 1.75 0.00	38.34 1.62 0.00	40.12 1.72 0.00	44.26 1.85 0.00	39.95 1.69 0.00	39.51 1.65 0.00	43.98 1.75 0.00	53.84 2.13 0.00	73.04 2.80 0.00	69.58 2.99 0.00	70.54 3.05 0.00	71.92 3.17 0.00	72.16 3.38 0.00	53.98 2.55 0.00	56.83 2.59 0.00	58.16 2.44 0.00
INDIAN POINT_GT_3 24019	45.34 1.91 0.00	45.88 1.75 0.00	44.35 1.62 0.00	42.80 1.62 0.00	44.17 1.65 0.00	40.74 1.55 0.00	40.72 1.68 0.00	43.12 1.87 0.00	42.05 1.75 0.00	38.34 1.62 0.00	40.12 1.72 0.00	44.26 1.85 0.00	39.95 1.69 0.00	39.51 1.65 0.00	43.98 1.75 0.00	53.84 2.13 0.00	73.04 2.80 0.00	69.58 2.99 0.00	70.54 3.05 0.00	71.92 3.17 0.00	72.16 3.38 0.00	53.98 2.55 0.00	56.83 2.59 0.00	58.16 2.44 0.00
INDIAN POINT___2 23530	45.29 1.86 0.00	45.82 1.69 0.00	44.29 1.56 0.00	42.76 1.57 0.00	44.11 1.60 0.00	40.70 1.50 0.00	40.68 1.64 0.00	43.06 1.81 0.00	42.00 1.70 0.00	38.29 1.57 0.00	40.06 1.66 0.00	44.20 1.79 0.00	39.90 1.64 0.00	39.46 1.61 0.00	43.92 1.69 0.00	53.78 2.07 0.00	72.94 2.70 0.00	69.47 2.88 0.00	70.43 2.94 0.00	71.82 3.07 0.00	72.06 3.28 0.00	53.91 2.49 0.00	56.75 2.51 0.00	58.07 2.35 0.00
INDIAN POINT___3 23531	45.31 1.88 0.00	45.85 1.72 0.00	44.32 1.59 0.00	42.79 1.60 0.00	44.14 1.63 0.00	40.72 1.52 0.00	40.69 1.66 0.00	43.08 1.83 0.00	42.03 1.72 0.00	38.32 1.59 0.00	40.09 1.69 0.00	44.23 1.82 0.00	39.92 1.67 0.00	39.49 1.64 0.00	43.95 1.72 0.00	53.81 2.10 0.00	72.98 2.74 0.00	69.52 2.93 0.00	70.47 2.98 0.00	71.85 3.11 0.00	72.09 3.31 0.00	53.93 2.51 0.00	56.78 2.54 0.00	58.13 2.41 0.00
INGHAM_C_115KV_TB7 356103	45.78 2.35 0.00	46.38 2.25 0.00	44.84 2.11 0.00	43.26 2.08 0.00	44.71 2.19 0.00	41.22 2.03 0.00	41.29 2.26 0.00	43.74 2.49 0.00	42.49 2.18 0.00	38.40 1.68 0.00	39.86 1.45 0.00	43.93 1.52 0.00	39.46 1.20 0.00	39.20 1.35 0.00	44.07 1.84 0.00	54.71 3.00 0.00	75.15 4.91 0.00	71.67 5.08 0.00	72.66 5.17 0.00	73.92 5.17 0.00	74.11 5.33 0.00	55.42 4.00 0.00	58.20 3.96 0.00	59.40 3.68 0.00
IP CORINTH___1 23988	46.52 3.09 0.00	47.05 2.92 0.00	45.61 2.87 0.00	43.99 2.80 0.00	45.39 2.87 0.00	41.78 2.58 0.00	41.85 2.81 0.00	44.34 3.09 0.00	43.31 3.01 0.00	39.28 2.55 0.00	40.97 2.57 0.00	45.18 2.78 0.00	40.80 2.55 0.00	40.35 2.49 0.00	45.16 2.93 0.00	55.50 3.80 0.00	76.00 5.77 0.00	72.21 5.62 0.00	73.06 5.57 0.00	74.31 5.56 0.00	74.61 5.83 0.00	55.72 4.30 0.00	58.79 4.55 0.00	60.28 4.56 0.00
IP___TICONDEROGA 23804	48.47 5.04 0.00	48.79 4.66 0.00	47.48 4.74 0.00	45.72 4.54 0.00	47.12 4.60 0.00	43.23 4.04 0.00	43.57 4.53 0.00	46.34 5.09 0.00	45.00 4.70 0.00	40.55 3.83 0.00	42.54 4.13 0.00	46.93 4.52 0.00	42.46 4.20 0.00	42.18 4.32 0.00	47.06 4.83 0.00	57.80 6.09 0.00	80.66 10.42 0.00	76.71 10.11 0.00	77.63 10.14 0.00	78.79 10.04 0.00	78.88 10.10 0.00	58.78 7.35 0.00	62.05 7.81 0.00	63.68 7.96 0.00
ISLIP_RES_REC 323679	46.47 3.04 0.00	46.87 2.73 0.00	45.17 2.43 0.00	43.62 2.43 0.00	45.03 2.51 0.00	41.60 2.41 0.00	41.68 2.65 0.00	44.00 2.75 0.00	42.91 2.22 -0.38	40.57 2.16 -1.68	40.85 2.45 0.00	44.89 2.49 0.00	40.36 2.10 0.00	40.08 2.23 0.00	44.71 2.47 0.00	55.14 3.43 0.00	97.30 5.04 -22.03	237.16 5.13 -165.44	108.26 5.32 -35.45	138.40 5.36 -64.29	109.65 5.45 -35.41	104.50 4.08 -48.99	104.96 4.32 -46.40	80.12 4.28 -20.12

JAMAICA__27_KV_LOAD 355505	45.41 1.98 0.00	46.04 1.91 0.00	44.61 1.88 0.00	43.19 2.01 0.00	44.37 1.85 0.00	41.01 1.81 0.00	40.95 1.92 0.00	43.45 2.20 0.00	42.43 2.13 0.00	38.80 2.07 0.00	40.78 2.38 0.00	45.02 2.61 0.00	40.84 2.58 0.00	40.36 2.51 0.00	44.78 2.55 0.00	54.37 2.66 0.00	73.47 3.23 0.00	69.91 3.31 0.00	70.85 3.37 0.00	72.27 3.52 0.00	72.66 3.88 0.00	54.55 3.12 0.00	57.34 3.10 0.00	58.56 2.84 0.00
JANIS__SOLAR 323808	44.28 0.85 0.00	44.88 0.74 0.00	43.39 0.66 0.00	41.84 0.66 0.00	43.36 0.84 0.00	40.13 0.94 0.00	40.08 1.05 0.00	42.55 1.30 0.00	41.69 1.39 0.00	37.73 1.01 0.00	39.29 0.89 0.00	43.13 0.72 0.00	38.65 0.40 0.00	38.58 0.73 0.00	43.53 1.30 0.00	54.02 2.31 0.00	74.11 3.87 0.00	70.55 3.96 0.00	71.52 4.03 0.00	72.51 3.77 0.00	72.11 3.33 0.00	53.61 2.18 0.00	56.08 1.85 0.00	56.86 1.14 0.00
JARVIS____ 23743	43.61 0.18 0.00	44.28 0.15 0.00	42.86 0.13 0.00	41.30 0.12 0.00	42.65 0.13 0.00	39.32 0.12 0.00	39.15 0.12 0.00	41.37 0.12 0.00	40.44 0.13 0.00	36.87 0.15 0.00	38.56 0.15 0.00	42.56 0.16 0.00	38.40 0.14 0.00	37.99 0.13 0.00	42.40 0.17 0.00	51.94 0.23 0.00	70.52 0.28 0.00	66.90 0.31 0.00	67.79 0.30 0.00	69.03 0.28 0.00	69.06 0.28 0.00	51.68 0.26 0.00	54.50 0.26 0.00	55.97 0.25 0.00
JENNISON____1 23625	43.38 -0.04 0.00	44.06 -0.07 0.00	42.63 -0.11 0.00	41.14 -0.04 0.00	42.68 0.16 0.00	39.60 0.40 0.00	39.72 0.68 0.00	42.22 0.97 0.00	41.49 1.19 0.00	37.68 0.96 0.00	39.12 0.72 0.00	43.20 0.78 0.00	38.77 0.51 0.00	38.68 0.82 0.00	43.85 1.62 0.00	54.30 2.59 0.00	74.19 3.95 0.00	70.66 4.07 0.00	71.58 4.09 0.00	72.63 3.89 0.00	72.32 3.54 0.00	53.67 2.24 0.00	55.83 1.59 0.00	56.08 0.36 0.00
JENNISON____2 23626	43.38 -0.04 0.00	44.06 -0.07 0.00	42.63 -0.11 0.00	41.14 -0.04 0.00	42.68 0.16 0.00	39.60 0.40 0.00	39.72 0.68 0.00	42.22 0.97 0.00	41.49 1.19 0.00	37.68 0.96 0.00	39.12 0.72 0.00	43.20 0.78 0.00	38.77 0.51 0.00	38.68 0.82 0.00	43.85 1.62 0.00	54.30 2.59 0.00	74.19 3.95 0.00	70.66 4.07 0.00	71.58 4.09 0.00	72.63 3.89 0.00	72.32 3.54 0.00	53.67 2.24 0.00	55.83 1.59 0.00	56.08 0.36 0.00
JERICOHO_RISE_WT_PWR 323719	42.47 -0.95 0.00	43.45 -0.68 0.00	42.09 -0.64 0.00	40.58 -0.60 0.00	41.92 -0.60 0.00	38.74 -0.45 0.00	38.54 -0.50 0.00	41.00 -0.25 0.00	39.94 -0.36 0.00	36.37 -0.36 0.00	38.11 -0.29 0.00	42.16 -0.25 0.00	38.06 -0.19 0.00	37.79 -0.06 0.00	42.29 0.05 0.00	51.97 0.26 0.00	71.08 0.84 0.00	67.15 0.56 0.00	67.93 0.44 0.00	69.51 0.76 0.00	69.76 0.98 0.00	52.13 0.71 0.00	55.14 0.90 0.00	56.67 0.95 0.00
KATONAH__115KV_46KV_TB4 355592	45.66 2.23 0.00	46.18 2.05 0.00	44.66 1.93 0.00	43.11 1.92 0.00	44.46 1.95 0.00	41.02 1.82 0.00	41.00 1.97 0.00	43.43 2.18 0.00	42.39 2.09 0.00	38.65 1.92 0.00	40.45 2.05 0.00	44.62 2.21 0.00	40.28 2.02 0.00	39.83 1.98 0.00	44.34 2.11 0.00	54.27 2.56 0.00	73.64 3.40 0.00	70.15 3.56 0.00	71.11 3.62 0.00	72.50 3.76 0.00	72.74 3.96 0.00	54.41 2.99 0.00	57.26 3.02 0.00	58.61 2.89 0.00
KCE_NY_1 323755	45.85 2.42 0.00	46.40 2.27 0.00	44.96 2.22 0.00	43.38 2.20 0.00	44.77 2.26 0.00	41.25 2.05 0.00	41.27 2.23 0.00	43.60 2.35 0.00	42.59 2.29 0.00	38.70 1.97 0.00	40.34 1.94 0.00	44.52 2.12 0.00	40.19 1.94 0.00	39.81 1.95 0.00	44.52 2.29 0.00	54.65 2.94 0.00	74.58 4.34 0.00	70.87 4.28 0.00	71.70 4.21 0.00	72.91 4.16 0.00	73.12 4.34 0.00	54.69 3.27 0.00	57.60 3.36 0.00	59.12 3.40 0.00
KCE_NY_6_ESR 323823	42.71 -0.72 0.00	43.57 -0.57 0.00	42.39 -0.35 0.00	40.67 -0.52 0.00	42.01 -0.51 0.00	38.89 -0.31 0.00	38.82 -0.21 0.00	40.91 -0.34 0.00	40.61 0.31 0.00	37.33 0.60 0.00	39.11 0.71 0.00	43.47 1.06 0.00	38.78 0.52 0.00	38.32 0.46 0.00	42.66 0.43 0.00	51.72 0.02 0.00	70.14 -0.10 0.00	66.03 -0.56 0.00	66.97 -0.52 0.00	67.17 -1.58 0.00	65.76 -3.02 0.00	48.76 -2.67 0.00	51.59 -2.65 0.00	53.35 -2.37 0.00
KEDC_PORT_JEFF_GT2 24210	46.18 2.75 0.00	46.58 2.45 0.00	44.88 2.15 0.00	43.35 2.17 0.00	44.74 2.23 0.00	41.34 2.14 0.00	41.39 2.36 0.00	43.70 2.45 0.00	42.62 1.94 -0.37	40.29 1.92 -1.65	40.63 2.23 0.00	44.67 2.26 0.00	40.16 1.91 0.00	39.85 2.00 0.00	44.43 2.20 0.00	54.77 3.06 0.00	100.64 4.44 -25.97	276.38 4.54 -205.25	115.00 4.70 -42.82	152.20 4.74 -78.72	116.23 4.84 -42.61	115.58 3.67 -60.49	115.38 3.91 -57.23	84.80 3.95 -25.14
KEDC_PORT_JEFF_GT3 24211	46.18 2.75 0.00	46.58 2.45 0.00	44.88 2.15 0.00	43.35 2.17 0.00	44.74 2.23 0.00	41.34 2.14 0.00	41.39 2.36 0.00	43.70 2.45 0.00	42.62 1.94 -0.37	40.29 1.92 -1.65	40.63 2.23 0.00	44.67 2.26 0.00	40.16 1.91 0.00	39.85 2.00 0.00	44.43 2.20 0.00	54.77 3.06 0.00	100.64 4.44 -25.97	276.38 4.54 -205.25	115.00 4.70 -42.82	152.20 4.74 -78.72	116.23 4.84 -42.61	115.58 3.67 -60.49	115.38 3.91 -57.23	84.80 3.95 -25.14
KEDC_GLWD_GT4 24219	45.97 2.55 0.00	46.48 2.35 0.00	44.89 2.15 0.00	43.34 2.15 0.00	44.72 2.21 0.00	41.27 2.07 0.00	41.27 2.23 0.00	43.66 2.41 0.00	42.48 2.18 0.00	38.82 2.10 0.00	40.70 2.30 0.00	44.85 2.44 0.00	40.40 2.14 0.00	39.99 2.14 0.00	44.51 2.28 0.00	54.53 2.82 0.00	73.53 3.29 0.00	70.08 3.49 0.00	71.05 3.56 0.00	72.42 3.67 0.00	72.62 3.84 0.00	54.46 3.03 0.00	57.65 3.41 0.00	59.03 3.31 0.00
KEDC_GLWD_GT5 24220	45.97 2.55 0.00	46.48 2.35 0.00	44.89 2.15 0.00	43.34 2.15 0.00	44.72 2.21 0.00	41.27 2.07 0.00	41.27 2.23 0.00	43.66 2.41 0.00	42.48 2.18 0.00	38.82 2.10 0.00	40.70 2.30 0.00	44.85 2.44 0.00	40.40 2.14 0.00	39.99 2.14 0.00	44.51 2.28 0.00	54.53 2.82 0.00	73.53 3.29 0.00	70.08 3.49 0.00	71.05 3.56 0.00	72.42 3.67 0.00	72.62 3.84 0.00	54.46 3.03 0.00	57.65 3.41 0.00	59.03 3.31 0.00
KENSICO____ 23655	45.47 2.04 0.00	46.02 1.89 0.00	44.49 1.76 0.00	42.95 1.77 0.00	44.30 1.78 0.00	40.87 1.67 0.00	40.85 1.82 0.00	43.26 2.01 0.00	42.20 1.90 0.00	38.48 1.76 0.00	40.28 1.88 0.00	44.42 2.01 0.00	40.09 1.84 0.00	39.66 1.80 0.00	44.14 1.91 0.00	54.03 2.32 0.00	73.26 3.02 0.00	69.78 3.19 0.00	70.73 3.24 0.00	72.13 3.38 0.00	72.37 3.59 0.00	54.16 2.73 0.00	57.01 2.77 0.00	58.36 2.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.69 2.26 0.00	46.21 2.08 0.00	44.66 1.93 0.00	43.09 1.91 0.00	44.47 1.96 0.00	41.04 1.84 0.00	41.06 2.02 0.00	43.48 2.23 0.00	42.44 2.13 0.00	38.59 1.87 0.00	40.23 1.83 0.00	44.52 2.12 0.00	40.16 1.91 0.00	39.58 1.73 0.00	44.08 1.84 0.00	54.16 2.45 0.00	73.91 3.67 0.00	70.48 3.88 0.00	71.46 3.98 0.00	72.82 4.07 0.00	72.94 4.16 0.00	54.50 3.07 0.00	57.35 3.11 0.00	58.67 2.95 0.00

KIAC_JFK_GT1 23816	45.13 1.71 0.00	45.76 1.63 0.00	44.36 1.62 0.00	42.95 1.76 0.00	44.12 1.60 0.00	40.78 1.58 0.00	40.70 1.67 0.00	43.19 1.94 0.00	42.17 1.87 0.00	38.57 1.85 0.00	40.55 2.15 0.00	44.75 2.34 0.00	40.62 2.36 0.00	40.14 2.29 0.00	44.53 2.29 0.00	53.99 2.28 0.00	72.73 2.49 0.00	69.20 2.60 0.00	70.13 2.65 0.00	71.54 2.79 0.00	71.95 3.17 0.00	54.18 2.76 0.00	56.99 2.75 0.00	58.22 2.51 0.00
KIAC_JFK_GT2 23817	45.13 1.71 0.00	45.76 1.63 0.00	44.36 1.62 0.00	42.95 1.76 0.00	44.12 1.60 0.00	40.78 1.58 0.00	40.70 1.67 0.00	43.19 1.94 0.00	42.17 1.87 0.00	38.57 1.85 0.00	40.55 2.15 0.00	44.75 2.34 0.00	40.62 2.36 0.00	40.14 2.29 0.00	44.53 2.29 0.00	53.99 2.28 0.00	72.73 2.49 0.00	69.20 2.60 0.00	70.13 2.65 0.00	71.54 2.79 0.00	71.95 3.17 0.00	54.18 2.76 0.00	56.99 2.75 0.00	58.22 2.51 0.00
KIAC_JFK____ 323774	45.13 1.71 0.00	45.77 1.63 0.00	44.35 1.62 0.00	42.94 1.76 0.00	44.12 1.60 0.00	40.78 1.58 0.00	40.70 1.67 0.00	43.19 1.94 0.00	42.18 1.87 0.00	38.57 1.85 0.00	40.55 2.15 0.00	44.75 2.34 0.00	40.62 2.36 0.00	40.14 2.29 0.00	44.53 2.29 0.00	53.99 2.28 0.00	72.72 2.49 0.00	69.19 2.60 0.00	70.14 2.65 0.00	71.54 2.79 0.00	71.95 3.17 0.00	54.18 2.76 0.00	56.98 2.75 0.00	58.22 2.50 0.00
KINTIGH__24_KV_GSU 356498	42.50 -0.93 0.00	43.31 -0.82 0.00	42.11 -0.62 0.00	40.41 -0.78 0.00	41.69 -0.83 0.00	38.59 -0.61 0.00	38.43 -0.61 0.00	40.38 -0.87 0.00	39.99 -0.31 0.00	36.78 0.06 0.00	38.52 0.11 0.00	42.72 0.31 0.00	38.14 -0.12 0.00	37.68 -0.17 0.00	41.95 -0.28 0.00	50.82 -0.88 0.00	68.88 -1.36 0.00	64.85 -1.75 0.00	65.78 -1.71 0.00	66.20 -2.55 0.00	65.13 -3.65 0.00	48.47 -2.96 0.00	51.24 -3.00 0.00	52.96 -2.76 0.00
KINTIGH____ 23543	42.46 -0.97 0.00	43.28 -0.86 0.00	42.09 -0.64 0.00	40.39 -0.80 0.00	41.66 -0.86 0.00	38.55 -0.64 0.00	38.41 -0.63 0.00	40.35 -0.90 0.00	39.97 -0.34 0.00	36.75 0.02 0.00	38.49 0.09 0.00	42.68 0.28 0.00	38.12 -0.14 0.00	37.66 -0.20 0.00	41.92 -0.31 0.00	50.77 -0.93 0.00	68.82 -1.42 0.00	64.80 -1.79 0.00	65.71 -1.77 0.00	66.17 -2.57 0.00	65.06 -3.72 0.00	48.45 -2.98 0.00	51.20 -3.04 0.00	52.92 -2.80 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.23 -0.20 0.00	44.28 0.14 0.00	42.92 0.18 0.00	41.37 0.19 0.00	42.74 0.22 0.00	39.47 0.27 0.00	39.28 0.25 0.00	41.82 0.57 0.00	40.71 0.40 0.00	37.00 0.27 0.00	38.65 0.25 0.00	42.84 0.44 0.00	38.67 0.41 0.00	38.39 0.53 0.00	43.01 0.77 0.00	52.96 1.25 0.00	72.65 2.41 0.00	68.69 2.10 0.00	69.45 1.96 0.00	71.01 2.27 0.00	71.27 2.49 0.00	53.26 1.84 0.00	56.28 2.04 0.00	57.77 2.05 0.00
LACHUTE____HYDRO 323717	48.46 5.04 0.00	48.79 4.66 0.00	47.48 4.74 0.00	45.72 4.54 0.00	47.12 4.60 0.00	43.23 4.04 0.00	43.57 4.53 0.00	46.34 5.09 0.00	45.00 4.70 0.00	40.55 3.83 0.00	42.54 4.13 0.00	46.92 4.52 0.00	42.46 4.20 0.00	42.17 4.32 0.00	47.06 4.83 0.00	57.80 6.09 0.00	80.65 10.42 0.00	76.70 10.11 0.00	77.63 10.14 0.00	78.79 10.04 0.00	78.88 10.10 0.00	58.78 7.36 0.00	62.05 7.81 0.00	63.68 7.96 0.00
LAWRNCALV_115KV_TB1 80681	43.21 -0.22 0.00	44.23 0.10 0.00	42.84 0.11 0.00	41.25 0.07 0.00	42.60 0.08 0.00	39.13 -0.07 0.00	39.01 -0.03 0.00	41.52 0.27 0.00	40.43 0.13 0.00	36.69 -0.03 0.00	38.45 0.05 0.00	42.38 -0.03 0.00	38.17 -0.08 0.00	37.76 -0.09 0.00	42.21 -0.02 0.00	51.93 0.22 0.00	70.63 0.39 0.00	66.54 -0.06 0.00	67.21 -0.28 0.00	68.74 -0.01 0.00	68.96 0.18 0.00	51.73 0.31 0.00	54.99 0.75 0.00	56.57 0.84 0.00
LEDERLE____ 23769	45.52 2.09 0.00	46.04 1.91 0.00	44.50 1.76 0.00	42.94 1.76 0.00	44.32 1.80 0.00	40.89 1.69 0.00	40.88 1.84 0.00	43.29 2.03 0.00	42.21 1.91 0.00	38.48 1.76 0.00	40.26 1.85 0.00	44.44 2.03 0.00	40.11 1.85 0.00	39.67 1.82 0.00	44.17 1.94 0.00	54.09 2.38 0.00	73.38 3.14 0.00	69.92 3.33 0.00	70.89 3.41 0.00	72.26 3.52 0.00	72.48 3.70 0.00	54.19 2.76 0.00	57.04 2.81 0.00	58.36 2.64 0.00
LIGHTHSE_115KV_TB6 355974	42.45 -0.98 0.00	43.13 -1.00 0.00	41.69 -1.05 0.00	40.10 -1.09 0.00	41.39 -1.12 0.00	38.03 -1.17 0.00	37.89 -1.14 0.00	40.24 -1.02 0.00	39.36 -0.94 0.00	35.99 -0.74 0.00	37.63 -0.77 0.00	41.56 -0.85 0.00	37.35 -0.91 0.00	36.83 -1.03 0.00	41.22 -1.02 0.00	50.90 -0.81 0.00	69.43 -0.81 0.00	65.85 -0.74 0.00	66.72 -0.76 0.00	67.73 -1.02 0.00	67.52 -1.26 0.00	50.52 -0.91 0.00	53.20 -1.04 0.00	54.69 -1.04 0.00
LINDEN COGEN____ 23786	45.44 2.01 0.00	46.02 1.88 0.00	44.50 1.77 0.00	42.96 1.77 0.00	44.31 1.79 0.00	40.89 1.69 0.00	40.87 1.84 0.00	43.34 2.09 0.00	42.28 1.98 0.00	38.58 1.85 0.00	40.37 1.97 0.00	44.48 2.07 0.00	40.16 1.90 0.00	39.73 1.88 0.00	44.20 1.97 0.00	54.08 2.37 0.00	73.30 3.06 0.00	69.82 3.23 0.00	70.81 3.32 0.00	72.25 3.50 0.00	72.53 3.75 0.00	54.26 2.83 0.00	57.08 2.84 0.00	58.39 2.67 0.00
LINDHRST_69_KV_BK1 356055	46.62 3.20 0.00	47.09 2.96 0.00	45.38 2.65 0.00	43.81 2.63 0.00	45.23 2.71 0.00	41.77 2.57 0.00	41.81 2.77 0.00	44.17 2.92 0.00	42.88 2.48 0.00	39.57 2.45 0.00	41.12 2.72 0.00	45.23 2.82 0.00	40.63 2.37 0.00	40.30 2.45 0.00	44.87 2.63 0.00	55.16 3.46 0.00	77.60 4.84 0.00	84.22 4.87 0.00	76.07 5.14 0.00	79.47 5.13 0.00	77.62 5.30 0.00	59.30 3.92 0.00	62.20 4.19 0.00	61.27 4.11 0.00
LIPA_MISC_IPP 23656	46.17 2.75 0.00	46.57 2.43 0.00	44.88 2.14 0.00	43.34 2.16 0.00	44.75 2.23 0.00	41.34 2.14 0.00	41.40 2.37 0.00	43.72 2.47 0.00	42.70 1.93 0.00	40.63 1.85 0.00	40.57 2.17 0.00	44.58 2.17 0.00	40.13 1.88 0.00	39.87 2.02 0.00	44.47 2.23 0.00	54.89 3.18 0.00	100.90 4.68 0.00	264.60 4.92 0.00	114.14 5.04 0.00	149.11 5.12 0.00	115.62 5.24 0.00	112.62 3.96 0.00	112.67 4.22 0.00	83.37 4.21 0.00
LISF____SOLAR 323691	46.28 2.85 0.00	46.66 2.53 0.00	44.97 2.24 0.00	43.44 2.26 0.00	44.85 2.33 0.00	41.43 2.23 0.00	41.49 2.46 0.00	43.82 2.56 0.00	42.76 2.01 0.00	40.61 1.91 0.00	40.61 2.21 0.00	44.60 2.19 0.00	40.17 1.91 0.00	39.91 2.06 0.00	44.54 2.31 0.00	55.00 3.29 0.00	100.71 4.87 0.00	263.22 5.11 0.00	113.83 5.21 0.00	148.56 5.30 0.00	115.30 5.42 0.00	112.27 4.11 0.00	112.31 4.34 0.00	83.32 4.33 0.00
LITTLE FALLS____HYD 24013	45.78 2.35 0.00	46.38 2.25 0.00	44.84 2.11 0.00	43.26 2.08 0.00	44.71 2.19 0.00	41.22 2.03 0.00	41.29 2.26 0.00	43.74 2.49 0.00	42.49 2.18 0.00	38.40 1.68 0.00	39.86 1.45 0.00	43.93 1.52 0.00	39.46 1.20 0.00	39.20 1.35 0.00	44.07 1.84 0.00	54.71 3.00 0.00	75.15 4.91 0.00	71.67 5.08 0.00	72.66 5.17 0.00	73.92 5.17 0.00	74.11 5.33 0.00	55.42 4.00 0.00	58.20 3.96 0.00	59.40 3.68 0.00

LITTLRIV_115KV_TB1 356100	43.63 0.20 0.00	44.68 0.54 0.00	43.30 0.57 0.00	41.69 0.51 0.00	43.06 0.55 0.00	39.53 0.33 0.00	39.44 0.41 0.00	42.01 0.76 0.00	40.82 0.52 0.00	36.91 0.18 0.00	38.63 0.23 0.00	42.48 0.07 0.00	38.25 -0.01 0.00	37.84 -0.01 0.00	42.29 0.06 0.00	52.21 0.50 0.00	71.39 1.15 0.00	67.26 0.67 0.00	67.93 0.45 0.00	69.49 0.74 0.00	69.66 0.88 0.00	52.23 0.80 0.00	55.51 1.27 0.00	57.11 1.39 0.00
LI_NEWBRDGE___DRP 323616	45.79 2.36 0.00	46.25 2.11 0.00	44.61 1.88 0.00	43.08 1.90 0.00	44.48 1.97 0.00	41.05 1.85 0.00	41.06 2.03 0.00	43.38 2.13 0.00	42.07 1.77 0.00	38.52 1.80 0.00	40.46 2.06 0.00	44.54 2.13 0.00	40.04 1.79 0.00	39.67 1.82 0.00	44.13 1.90 0.00	54.17 2.47 0.00	73.59 3.35 0.00	70.15 3.55 0.00	71.19 3.70 0.00	72.52 3.78 0.00	72.73 3.95 0.00	54.41 2.99 0.00	57.41 3.17 0.00	58.83 3.11 0.00
LOCKPORT_115KV_TB60_63_64 80432	42.55 -0.87 0.00	43.39 -0.74 0.00	42.23 -0.50 0.00	40.50 -0.68 0.00	41.78 -0.73 0.00	38.77 -0.42 0.00	38.51 -0.52 0.00	40.38 -0.88 0.00	40.09 -0.22 0.00	36.81 0.08 0.00	38.52 0.12 0.00	42.77 0.36 0.00	38.12 -0.14 0.00	37.66 -0.19 0.00	41.97 -0.26 0.00	50.76 -0.95 0.00	68.90 -1.34 0.00	64.79 -1.80 0.00	65.72 -1.77 0.00	66.00 -2.74 0.00	64.66 -4.12 0.00	48.14 -3.29 0.00	50.85 -3.39 0.00	52.65 -3.07 0.00
LOCKPORT___CC1 323769	42.50 -0.92 0.00	43.34 -0.80 0.00	42.19 -0.55 0.00	40.45 -0.73 0.00	41.75 -0.77 0.00	38.73 -0.47 0.00	38.49 -0.54 0.00	40.37 -0.88 0.00	40.09 -0.22 0.00	36.82 0.10 0.00	38.55 0.14 0.00	42.80 0.39 0.00	38.15 -0.10 0.00	37.69 -0.16 0.00	41.98 -0.25 0.00	50.76 -0.95 0.00	68.89 -1.34 0.00	64.77 -1.83 0.00	65.72 -1.77 0.00	65.98 -2.76 0.00	64.64 -4.14 0.00	48.09 -3.34 0.00	50.83 -3.41 0.00	52.61 -3.11 0.00
LOCKPORT___CC2 323770	42.50 -0.92 0.00	43.34 -0.80 0.00	42.19 -0.55 0.00	40.45 -0.73 0.00	41.75 -0.77 0.00	38.73 -0.47 0.00	38.49 -0.54 0.00	40.37 -0.88 0.00	40.09 -0.22 0.00	36.82 0.10 0.00	38.55 0.14 0.00	42.80 0.39 0.00	38.15 -0.10 0.00	37.69 -0.16 0.00	41.98 -0.25 0.00	50.76 -0.95 0.00	68.89 -1.34 0.00	64.77 -1.83 0.00	65.72 -1.77 0.00	65.98 -2.76 0.00	64.64 -4.14 0.00	48.09 -3.34 0.00	50.83 -3.41 0.00	52.61 -3.11 0.00
LOCKPORT___CC3 323771	42.50 -0.92 0.00	43.34 -0.80 0.00	42.19 -0.55 0.00	40.45 -0.73 0.00	41.75 -0.77 0.00	38.73 -0.47 0.00	38.49 -0.54 0.00	40.37 -0.88 0.00	40.09 -0.22 0.00	36.82 0.10 0.00	38.55 0.14 0.00	42.80 0.39 0.00	38.15 -0.10 0.00	37.69 -0.16 0.00	41.98 -0.25 0.00	50.76 -0.95 0.00	68.89 -1.34 0.00	64.77 -1.83 0.00	65.72 -1.77 0.00	65.98 -2.76 0.00	64.64 -4.14 0.00	48.09 -3.34 0.00	50.83 -3.41 0.00	52.61 -3.11 0.00
LOCUSVLY_69_KV_BK2 55797	46.14 2.71 0.00	46.63 2.50 0.00	45.01 2.27 0.00	43.45 2.27 0.00	44.86 2.34 0.00	41.39 2.19 0.00	41.39 2.36 0.00	43.76 2.51 0.00	42.41 2.20 0.10	38.44 2.16 0.45	40.81 2.41 0.00	44.96 2.55 0.00	40.45 2.19 0.00	40.07 2.21 0.00	44.57 2.34 0.00	54.68 2.97 0.00	72.55 3.84 1.53	69.18 4.04 1.45	70.18 4.15 1.46	71.41 4.26 1.59	71.58 4.42 1.62	54.07 3.37 0.72	57.13 3.62 0.73	59.28 3.56 0.00
LONG_LAKE_PHOENIX 24014	42.41 -1.02 0.00	43.07 -1.06 0.00	41.71 -1.03 0.00	40.18 -1.01 0.00	41.48 -1.04 0.00	38.22 -0.98 0.00	37.98 -1.05 0.00	40.02 -1.23 0.00	39.18 -1.12 0.00	35.77 -0.95 0.00	37.39 -1.02 0.00	41.30 -1.11 0.00	37.22 -1.04 0.00	36.78 -1.07 0.00	41.10 -1.13 0.00	50.30 -1.40 0.00	68.38 -1.86 0.00	64.84 -1.75 0.00	65.68 -1.81 0.00	66.73 -2.02 0.00	66.58 -2.20 0.00	49.72 -1.70 0.00	52.37 -1.87 0.00	53.82 -1.89 0.00
LOVETT___3 23632	45.29 1.87 0.00	45.82 1.68 0.00	44.29 1.56 0.00	42.76 1.57 0.00	44.11 1.60 0.00	40.69 1.49 0.00	40.68 1.64 0.00	43.06 1.81 0.00	42.00 1.70 0.00	38.29 1.57 0.00	40.06 1.65 0.00	44.20 1.79 0.00	39.90 1.64 0.00	39.46 1.61 0.00	43.92 1.69 0.00	53.78 2.07 0.00	72.94 2.70 0.00	69.47 2.88 0.00	70.43 2.94 0.00	71.82 3.07 0.00	72.06 3.28 0.00	53.91 2.49 0.00	56.74 2.51 0.00	58.09 2.37 0.00
LOVETT___4 23642	45.29 1.87 0.00	45.82 1.68 0.00	44.29 1.56 0.00	42.76 1.57 0.00	44.11 1.60 0.00	40.69 1.49 0.00	40.68 1.64 0.00	43.06 1.81 0.00	42.00 1.70 0.00	38.29 1.57 0.00	40.06 1.65 0.00	44.20 1.79 0.00	39.90 1.64 0.00	39.46 1.61 0.00	43.92 1.69 0.00	53.78 2.07 0.00	72.94 2.70 0.00	69.47 2.88 0.00	70.43 2.94 0.00	71.82 3.07 0.00	72.06 3.28 0.00	53.91 2.49 0.00	56.74 2.51 0.00	58.09 2.37 0.00
LOVETT___5 23593	45.29 1.87 0.00	45.82 1.68 0.00	44.29 1.56 0.00	42.76 1.57 0.00	44.11 1.60 0.00	40.69 1.49 0.00	40.68 1.64 0.00	43.06 1.81 0.00	42.00 1.70 0.00	38.29 1.57 0.00	40.06 1.65 0.00	44.20 1.79 0.00	39.90 1.64 0.00	39.46 1.61 0.00	43.92 1.69 0.00	53.78 2.07 0.00	72.94 2.70 0.00	69.47 2.88 0.00	70.43 2.94 0.00	71.82 3.07 0.00	72.06 3.28 0.00	53.91 2.49 0.00	56.74 2.51 0.00	58.09 2.37 0.00
LOWER RAQUET___HYD 24057	43.07 -0.35 0.00	44.13 0.00 0.00	42.72 -0.01 0.00	41.15 -0.04 0.00	42.48 -0.03 0.00	38.98 -0.21 0.00	38.87 -0.16 0.00	41.40 0.15 0.00	40.32 0.01 0.00	36.58 -0.15 0.00	38.35 -0.06 0.00	42.25 -0.15 0.00	38.03 -0.22 0.00	37.62 -0.23 0.00	42.07 -0.16 0.00	51.80 0.09 0.00	70.43 0.19 0.00	66.32 -0.27 0.00	66.92 -0.57 0.00	68.46 -0.29 0.00	68.72 -0.06 0.00	51.62 0.19 0.00	54.91 0.67 0.00	56.50 0.78 0.00
LOWER___HUDSON 24059	45.02 1.59 0.00	45.63 1.50 0.00	44.21 1.47 0.00	42.65 1.46 0.00	44.00 1.48 0.00	40.47 1.28 0.00	40.40 1.36 0.00	42.69 1.44 0.00	41.71 1.40 0.00	37.92 1.20 0.00	39.60 1.20 0.00	43.66 1.26 0.00	39.49 1.23 0.00	39.11 1.25 0.00	43.68 1.45 0.00	53.54 1.83 0.00	72.85 2.61 0.00	69.25 2.65 0.00	70.06 2.58 0.00	71.34 2.60 0.00	71.64 2.86 0.00	53.66 2.23 0.00	56.55 2.31 0.00	58.06 2.34 0.00
LOWVILLE_115KV_TB2 356335	42.54 -0.89 0.00	43.23 -0.90 0.00	41.72 -1.01 0.00	39.99 -1.19 0.00	41.36 -1.16 0.00	37.87 -1.32 0.00	38.03 -1.00 0.00	40.99 -0.26 0.00	40.15 -0.16 0.00	36.67 -0.05 0.00	38.61 0.20 0.00	42.43 0.02 0.00	38.02 -0.24 0.00	37.45 -0.40 0.00	42.04 -0.19 0.00	52.29 0.59 0.00	71.64 1.40 0.00	68.06 1.47 0.00	68.95 1.46 0.00	69.97 1.23 0.00	69.73 0.95 0.00	52.27 0.84 0.00	55.11 0.87 0.00	56.43 0.71 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.84 2.41 0.00	46.42 2.29 0.00	44.97 2.23 0.00	43.37 2.19 0.00	44.77 2.26 0.00	41.23 2.03 0.00	41.22 2.19 0.00	43.59 2.34 0.00	42.57 2.27 0.00	38.67 1.95 0.00	40.33 1.93 0.00	44.49 2.08 0.00	40.18 1.92 0.00	39.78 1.92 0.00	44.49 2.25 0.00	54.63 2.93 0.00	74.51 4.27 0.00	70.80 4.21 0.00	71.63 4.14 0.00	72.88 4.13 0.00	73.10 4.32 0.00	54.67 3.25 0.00	57.61 3.37 0.00	59.11 3.39 0.00

LUTHERNY_35_KV_BK2 355980	45.85 2.43 0.00	46.40 2.27 0.00	44.96 2.22 0.00	43.38 2.20 0.00	44.77 2.26 0.00	41.25 2.05 0.00	41.27 2.24 0.00	43.60 2.35 0.00	42.59 2.29 0.00	38.70 1.97 0.00	40.34 1.94 0.00	44.53 2.12 0.00	40.19 1.93 0.00	39.81 1.95 0.00	44.52 2.29 0.00	54.65 2.94 0.00	74.58 4.34 0.00	70.86 4.27 0.00	71.69 4.21 0.00	72.91 4.16 0.00	73.12 4.34 0.00	54.69 3.27 0.00	57.59 3.35 0.00	59.12 3.40 0.00
LWR___OSWEGATCHIE_HYD 23850	42.51 -0.91 0.00	43.37 -0.76 0.00	41.82 -0.91 0.00	40.28 -0.90 0.00	41.59 -0.93 0.00	37.97 -1.23 0.00	37.98 -1.06 0.00	40.68 -0.57 0.00	39.70 -0.60 0.00	36.14 -0.58 0.00	38.05 -0.35 0.00	41.87 -0.54 0.00	37.60 -0.66 0.00	37.09 -0.76 0.00	41.58 -0.65 0.00	51.51 -0.20 0.00	70.17 -0.07 0.00	66.39 -0.20 0.00	67.13 -0.35 0.00	68.38 -0.37 0.00	68.46 -0.32 0.00	51.57 0.14 0.00	54.65 0.42 0.00	56.10 0.38 0.00
LYONS_FALL_HYD 23570	43.21 -0.21 0.00	43.93 -0.20 0.00	42.43 -0.31 0.00	40.74 -0.44 0.00	42.12 -0.39 0.00	38.68 -0.52 0.00	38.76 -0.27 0.00	41.47 0.22 0.00	40.61 0.30 0.00	37.07 0.35 0.00	38.90 0.49 0.00	42.80 0.39 0.00	38.44 0.18 0.00	37.90 0.05 0.00	42.51 0.27 0.00	52.59 0.89 0.00	71.85 1.62 0.00	68.23 1.64 0.00	69.10 1.61 0.00	70.20 1.45 0.00	70.02 1.24 0.00	52.41 0.98 0.00	55.24 1.00 0.00	56.59 0.87 0.00
MADISON___COUNTY_LFGE 323628	44.29 0.87 0.00	45.04 0.91 0.00	43.58 0.84 0.00	41.96 0.77 0.00	43.41 0.89 0.00	40.00 0.81 0.00	39.97 0.93 0.00	42.36 1.11 0.00	41.46 1.16 0.00	37.81 1.10 0.00	39.44 1.04 0.00	43.48 1.07 0.00	39.24 0.98 0.00	38.67 0.81 0.00	43.30 1.07 0.00	53.28 1.57 0.00	72.52 2.28 0.00	68.68 2.09 0.00	69.52 2.04 0.00	70.66 1.91 0.00	70.53 1.75 0.00	52.68 1.25 0.00	55.44 1.20 0.00	56.84 1.12 0.00
MALONE___115KV_TB1 356076	43.21 -0.22 0.00	44.23 0.09 0.00	42.84 0.11 0.00	41.28 0.10 0.00	42.63 0.11 0.00	39.36 0.17 0.00	39.23 0.19 0.00	41.78 0.52 0.00	40.73 0.43 0.00	37.08 0.35 0.00	38.87 0.47 0.00	42.91 0.50 0.00	38.67 0.41 0.00	38.30 0.45 0.00	42.82 0.59 0.00	52.74 1.03 0.00	72.20 1.96 0.00	68.21 1.62 0.00	68.94 1.45 0.00	70.56 1.81 0.00	70.78 2.00 0.00	52.91 1.48 0.00	56.01 1.77 0.00	57.56 1.84 0.00
MAPLEWOD_115KV_TB3 80458	44.86 1.44 0.00	45.48 1.35 0.00	44.04 1.31 0.00	42.49 1.30 0.00	43.84 1.33 0.00	40.37 1.17 0.00	40.27 1.23 0.00	42.51 1.26 0.00	41.55 1.24 0.00	37.82 1.10 0.00	39.51 1.10 0.00	43.55 1.14 0.00	39.41 1.16 0.00	39.02 1.17 0.00	43.54 1.31 0.00	53.34 1.64 0.00	72.40 2.16 0.00	68.83 2.24 0.00	69.67 2.18 0.00	70.93 2.18 0.00	71.20 2.41 0.00	53.38 1.96 0.00	56.21 1.97 0.00	57.71 2.00 0.00
MAPLE_RIDGE_WT_1 323574	42.68 -0.75 0.00	43.35 -0.79 0.00	41.99 -0.75 0.00	40.44 -0.74 0.00	41.76 -0.76 0.00	38.51 -0.69 0.00	38.39 -0.65 0.00	40.75 -0.50 0.00	39.79 -0.51 0.00	36.48 -0.24 0.00	38.31 -0.10 0.00	42.28 -0.13 0.00	38.07 -0.18 0.00	37.76 -0.09 0.00	42.17 -0.07 0.00	51.70 -0.01 0.00	70.32 0.08 0.00	66.62 0.03 0.00	67.52 0.03 0.00	68.80 0.06 0.00	68.81 0.02 0.00	51.43 0.01 0.00	54.21 -0.03 0.00	55.64 -0.08 0.00
MAPLE_RIDGE_WT_2 323611	42.68 -0.75 0.00	43.35 -0.79 0.00	41.99 -0.75 0.00	40.44 -0.74 0.00	41.76 -0.76 0.00	38.51 -0.69 0.00	38.39 -0.65 0.00	40.75 -0.50 0.00	39.79 -0.51 0.00	36.48 -0.24 0.00	38.31 -0.10 0.00	42.28 -0.13 0.00	38.07 -0.18 0.00	37.76 -0.09 0.00	42.17 -0.07 0.00	51.70 -0.01 0.00	70.32 0.08 0.00	66.62 0.03 0.00	67.52 0.03 0.00	68.80 0.06 0.00	68.81 0.02 0.00	51.43 0.01 0.00	54.21 -0.03 0.00	55.64 -0.08 0.00
MARBLE_RIVER_WT_PWR 323696	42.51 -0.92 0.00	43.49 -0.64 0.00	42.14 -0.60 0.00	40.62 -0.56 0.00	41.95 -0.56 0.00	38.76 -0.43 0.00	38.56 -0.47 0.00	41.00 -0.25 0.00	39.96 -0.35 0.00	36.39 -0.33 0.00	38.12 -0.28 0.00	42.18 -0.22 0.00	38.09 -0.16 0.00	37.82 -0.03 0.00	42.33 0.09 0.00	52.01 0.30 0.00	71.11 0.88 0.00	67.20 0.61 0.00	67.97 0.48 0.00	69.54 0.79 0.00	69.79 1.01 0.00	52.16 0.73 0.00	55.15 0.91 0.00	56.67 0.95 0.00
MARSHVLE_115KV_TB1 80742	43.78 0.35 0.00	44.64 0.51 0.00	43.22 0.48 0.00	41.61 0.42 0.00	42.99 0.47 0.00	39.72 0.52 0.00	39.63 0.60 0.00	41.88 0.63 0.00	40.84 0.54 0.00	37.30 0.58 0.00	38.79 0.39 0.00	42.90 0.49 0.00	38.54 0.29 0.00	38.03 0.18 0.00	42.64 0.41 0.00	52.57 0.86 0.00	71.73 1.49 0.00	68.04 1.45 0.00	69.05 1.56 0.00	70.28 1.53 0.00	70.06 1.28 0.00	52.20 0.77 0.00	55.07 0.83 0.00	56.44 0.71 0.00
MARSH_HILL_WT_PWR 323713	41.59 -1.84 0.00	42.28 -1.85 0.00	41.45 -1.29 0.00	40.06 -1.13 0.00	41.53 -0.98 0.00	38.48 -0.72 0.00	38.63 -0.40 0.00	41.03 -0.22 0.00	40.71 0.40 0.00	37.00 0.28 0.00	38.55 0.14 0.00	43.08 0.67 0.00	38.72 0.46 0.00	38.51 0.65 0.00	43.30 1.07 0.00	53.04 1.33 0.00	72.09 1.85 0.00	68.13 1.53 0.00	68.83 1.35 0.00	68.45 -0.30 0.00	66.56 -2.22 0.00	48.76 -2.66 0.00	50.77 -3.47 0.00	51.70 -4.02 0.00
MCINTYRE_115KV_TB2 80467	44.08 0.66 0.00	45.10 0.97 0.00	43.70 0.97 0.00	42.08 0.89 0.00	43.47 0.95 0.00	39.99 0.79 0.00	39.90 0.87 0.00	42.46 1.21 0.00	41.22 0.91 0.00	37.16 0.44 0.00	38.84 0.44 0.00	42.70 0.29 0.00	38.45 0.19 0.00	38.06 0.21 0.00	42.51 0.28 0.00	52.55 0.84 0.00	72.09 1.86 0.00	68.06 1.47 0.00	68.81 1.32 0.00	70.39 1.65 0.00	70.48 1.69 0.00	52.74 1.32 0.00	55.98 1.74 0.00	57.56 1.84 0.00
MECO_____69_KV_BK1 80468	45.21 1.78 0.00	45.98 1.84 0.00	44.50 1.76 0.00	42.85 1.67 0.00	44.27 1.75 0.00	40.88 1.69 0.00	40.84 1.80 0.00	43.20 1.95 0.00	42.07 1.77 0.00	38.18 1.46 0.00	39.53 1.13 0.00	43.76 1.35 0.00	39.30 1.04 0.00	38.90 1.05 0.00	43.69 1.45 0.00	54.07 2.37 0.00	74.07 3.83 0.00	70.40 3.81 0.00	71.39 3.90 0.00	72.62 3.88 0.00	72.45 3.67 0.00	53.99 2.57 0.00	56.88 2.64 0.00	58.25 2.53 0.00
MENANDS___115KV_TB5 355628	44.68 1.25 0.00	45.29 1.16 0.00	43.87 1.13 0.00	42.32 1.14 0.00	43.67 1.16 0.00	40.21 1.01 0.00	40.10 1.06 0.00	42.34 1.09 0.00	41.37 1.06 0.00	37.66 0.94 0.00	39.37 0.96 0.00	43.39 0.98 0.00	39.27 1.02 0.00	38.88 1.03 0.00	43.37 1.14 0.00	53.09 1.39 0.00	71.97 1.73 0.00	68.41 1.82 0.00	69.24 1.75 0.00	70.52 1.77 0.00	70.80 2.02 0.00	53.12 1.70 0.00	55.93 1.69 0.00	57.44 1.72 0.00
MG INDUSTRY___DRP 24185	44.76 1.33 0.00	45.38 1.25 0.00	43.94 1.20 0.00	42.38 1.20 0.00	43.76 1.24 0.00	40.31 1.11 0.00	40.19 1.16 0.00	42.44 1.19 0.00	41.43 1.13 0.00	37.69 0.97 0.00	39.28 0.88 0.00	43.34 0.93 0.00	39.16 0.90 0.00	38.73 0.88 0.00	43.25 1.01 0.00	53.07 1.36 0.00	71.98 1.74 0.00	68.37 1.78 0.00	69.22 1.73 0.00	70.48 1.74 0.00	70.71 1.93 0.00	53.03 1.61 0.00	55.88 1.64 0.00	57.39 1.67 0.00

MID___OSWEGATCHIE_HYD 23849	42.51 -0.91 0.00	43.37 -0.76 0.00	41.82 -0.91 0.00	40.28 -0.90 0.00	41.59 -0.93 0.00	37.97 -1.23 0.00	37.98 -1.06 0.00	40.68 -0.57 0.00	39.70 -0.60 0.00	36.14 -0.58 0.00	38.05 -0.35 0.00	41.87 -0.54 0.00	37.60 -0.66 0.00	37.09 -0.76 0.00	41.58 -0.65 0.00	51.51 -0.20 0.00	70.17 -0.07 0.00	66.39 -0.20 0.00	67.13 -0.35 0.00	68.38 -0.37 0.00	68.46 -0.32 0.00	51.57 0.14 0.00	54.65 0.42 0.00	56.10 0.38 0.00
MID___RAQUETTE_HYD 23851	43.07 -0.35 0.00	44.13 0.00 0.00	42.72 -0.01 0.00	41.15 -0.04 0.00	42.48 -0.04 0.00	38.98 -0.22 0.00	38.87 -0.16 0.00	41.40 0.15 0.00	40.32 0.01 0.00	36.58 -0.15 0.00	38.35 -0.06 0.00	42.25 -0.15 0.00	38.03 -0.23 0.00	37.62 -0.23 0.00	42.07 -0.17 0.00	51.80 0.09 0.00	70.43 0.19 0.00	66.32 -0.27 0.00	66.92 -0.57 0.00	68.45 -0.29 0.00	68.72 -0.06 0.00	51.62 0.19 0.00	54.91 0.67 0.00	56.50 0.78 0.00
MILLIKEN___1 23584	43.91 0.48 0.00	44.59 0.46 0.00	43.15 0.41 0.00	41.59 0.41 0.00	42.96 0.44 0.00	39.64 0.44 0.00	39.53 0.49 0.00	41.79 0.53 0.00	40.95 0.64 0.00	37.25 0.52 0.00	38.78 0.37 0.00	42.85 0.44 0.00	38.49 0.23 0.00	38.17 0.32 0.00	42.75 0.52 0.00	52.59 0.88 0.00	71.62 1.38 0.00	67.98 1.39 0.00	68.89 1.41 0.00	69.92 1.18 0.00	69.63 0.85 0.00	51.86 0.43 0.00	54.56 0.32 0.00	55.80 0.08 0.00
MILLIKEN___2 23585	43.91 0.48 0.00	44.59 0.46 0.00	43.15 0.41 0.00	41.59 0.41 0.00	42.96 0.44 0.00	39.64 0.44 0.00	39.53 0.49 0.00	41.79 0.53 0.00	40.95 0.64 0.00	37.25 0.52 0.00	38.78 0.37 0.00	42.85 0.44 0.00	38.49 0.23 0.00	38.17 0.32 0.00	42.75 0.52 0.00	52.59 0.88 0.00	71.62 1.38 0.00	67.98 1.39 0.00	68.89 1.41 0.00	69.92 1.18 0.00	69.63 0.85 0.00	51.86 0.43 0.00	54.56 0.32 0.00	55.80 0.08 0.00
MILLIKEN___DIESEL 23629	43.91 0.48 0.00	44.59 0.46 0.00	43.15 0.41 0.00	41.59 0.41 0.00	42.96 0.44 0.00	39.64 0.44 0.00	39.53 0.49 0.00	41.79 0.53 0.00	40.95 0.64 0.00	37.25 0.52 0.00	38.78 0.37 0.00	42.85 0.44 0.00	38.49 0.23 0.00	38.17 0.32 0.00	42.75 0.52 0.00	52.59 0.88 0.00	71.62 1.38 0.00	67.98 1.39 0.00	68.89 1.41 0.00	69.92 1.18 0.00	69.63 0.85 0.00	51.86 0.43 0.00	54.56 0.32 0.00	55.80 0.08 0.00
MILLSEAT___LFGE 323607	43.41 -0.01 0.00	44.23 0.10 0.00	43.00 0.27 0.00	41.24 0.06 0.00	42.59 0.07 0.00	39.50 0.31 0.00	39.29 0.26 0.00	41.28 0.02 0.00	40.92 0.62 0.00	37.38 0.66 0.00	38.92 0.52 0.00	43.20 0.79 0.00	38.63 0.37 0.00	38.21 0.35 0.00	42.71 0.48 0.00	51.87 0.16 0.00	70.60 0.36 0.00	66.52 -0.08 0.00	67.43 -0.06 0.00	67.76 -0.99 0.00	66.50 -2.28 0.00	49.44 -1.99 0.00	52.21 -2.03 0.00	53.95 -1.77 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.39 1.96 0.00	45.94 1.80 0.00	44.41 1.67 0.00	42.87 1.69 0.00	44.22 1.70 0.00	40.79 1.60 0.00	40.77 1.74 0.00	43.17 1.92 0.00	42.11 1.81 0.00	38.40 1.67 0.00	40.18 1.78 0.00	44.31 1.91 0.00	40.00 1.75 0.00	39.57 1.72 0.00	44.04 1.81 0.00	53.92 2.21 0.00	73.12 2.88 0.00	69.66 3.06 0.00	70.61 3.12 0.00	71.99 3.24 0.00	72.23 3.45 0.00	54.04 2.62 0.00	56.89 2.66 0.00	58.24 2.52 0.00
MILLWOOD_13_KV_LOAD 356217	45.50 2.07 0.00	46.04 1.90 0.00	44.52 1.78 0.00	42.97 1.78 0.00	44.33 1.81 0.00	40.89 1.69 0.00	40.88 1.84 0.00	43.28 2.03 0.00	42.21 1.91 0.00	38.49 1.76 0.00	40.28 1.87 0.00	44.42 2.01 0.00	40.08 1.82 0.00	39.65 1.79 0.00	44.14 1.91 0.00	54.04 2.34 0.00	73.32 3.09 0.00	69.86 3.26 0.00	70.82 3.33 0.00	72.19 3.44 0.00	72.43 3.64 0.00	54.18 2.76 0.00	57.04 2.80 0.00	58.38 2.66 0.00
MODEL_CITY_ENERGY 24167	42.23 -1.20 0.00	43.05 -1.08 0.00	41.91 -0.82 0.00	40.19 -0.99 0.00	41.47 -1.05 0.00	38.49 -0.70 0.00	38.17 -0.87 0.00	39.98 -1.27 0.00	39.70 -0.61 0.00	36.48 -0.24 0.00	38.20 -0.20 0.00	42.41 0.01 0.00	37.78 -0.48 0.00	37.31 -0.54 0.00	41.56 -0.67 0.00	50.22 -1.49 0.00	68.18 -2.06 0.00	64.07 -2.52 0.00	65.00 -2.49 0.00	65.28 -3.47 0.00	63.94 -4.84 0.00	47.61 -3.81 0.00	50.33 -3.91 0.00	52.11 -3.61 0.00
MODERN_LFGE___ 323580	42.23 -1.20 0.00	43.05 -1.08 0.00	41.91 -0.82 0.00	40.19 -0.99 0.00	41.47 -1.05 0.00	38.49 -0.70 0.00	38.17 -0.87 0.00	39.98 -1.27 0.00	39.70 -0.61 0.00	36.48 -0.24 0.00	38.20 -0.20 0.00	42.41 0.01 0.00	37.78 -0.48 0.00	37.31 -0.54 0.00	41.56 -0.67 0.00	50.22 -1.49 0.00	68.18 -2.06 0.00	64.07 -2.52 0.00	65.00 -2.49 0.00	65.28 -3.47 0.00	63.94 -4.84 0.00	47.61 -3.81 0.00	50.33 -3.91 0.00	52.11 -3.61 0.00
MOHAWK_PAPER___DRP 24187	44.86 1.44 0.00	45.48 1.35 0.00	44.04 1.31 0.00	42.49 1.30 0.00	43.84 1.33 0.00	40.37 1.17 0.00	40.27 1.23 0.00	42.51 1.26 0.00	41.55 1.24 0.00	37.82 1.10 0.00	39.51 1.10 0.00	43.55 1.14 0.00	39.41 1.16 0.00	39.02 1.17 0.00	43.54 1.31 0.00	53.34 1.64 0.00	72.40 2.16 0.00	68.83 2.24 0.00	69.67 2.18 0.00	70.93 2.18 0.00	71.20 2.41 0.00	53.38 1.96 0.00	56.21 1.97 0.00	57.71 2.00 0.00
MOHICAN___35_KV_115KV_LD 80490	46.64 3.21 0.00	47.16 3.03 0.00	45.73 2.99 0.00	44.11 2.93 0.00	45.52 3.00 0.00	41.87 2.68 0.00	41.96 2.92 0.00	44.45 3.20 0.00	43.43 3.12 0.00	39.36 2.64 0.00	41.05 2.65 0.00	45.27 2.86 0.00	40.89 2.63 0.00	40.47 2.61 0.00	45.29 3.06 0.00	55.68 3.98 0.00	76.32 6.08 0.00	72.54 5.95 0.00	73.36 5.88 0.00	74.63 5.88 0.00	74.88 6.10 0.00	55.95 4.53 0.00	59.01 4.77 0.00	60.51 4.79 0.00
MONGAUP___HYD 23641	45.49 2.07 0.00	46.05 1.92 0.00	44.50 1.77 0.00	42.92 1.74 0.00	44.31 1.79 0.00	40.88 1.68 0.00	40.89 1.85 0.00	43.27 2.02 0.00	42.10 1.80 0.00	38.05 1.33 0.00	39.54 1.13 0.00	43.89 1.48 0.00	39.46 1.20 0.00	38.97 1.11 0.00	43.45 1.21 0.00	53.63 1.93 0.00	73.52 3.29 0.00	70.08 3.48 0.00	71.06 3.57 0.00	72.41 3.66 0.00	72.55 3.77 0.00	54.24 2.82 0.00	57.03 2.80 0.00	58.36 2.64 0.00
MONTAUK___DIESEL 23721	45.29 1.87 0.00	45.56 1.43 0.00	43.93 1.19 0.00	42.42 1.24 0.00	43.79 1.28 0.00	40.53 1.33 0.00	40.61 1.58 0.00	42.97 1.72 0.00	41.92 1.16 -0.46	39.76 1.02 -2.02	39.66 1.26 0.00	44.00 1.60 0.00	39.87 1.61 0.00	39.69 1.84 0.00	44.52 2.28 0.00	55.65 3.94 0.00	102.63 6.55 -25.84	266.76 7.50 -192.67	116.06 7.12 -41.45	151.22 7.45 -75.02	118.01 7.80 -41.43	114.73 6.21 -57.09	115.01 6.70 -54.08	85.73 6.61 -23.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.33 -2.10 0.00	42.48 -1.65 0.00	41.31 -1.42 0.00	39.71 -1.47 0.00	41.47 -1.04 0.00	38.50 -0.70 0.00	38.64 -0.40 0.00	40.99 -0.26 0.00	40.82 0.52 0.00	37.78 1.05 0.00	39.57 1.17 0.00	43.95 1.54 0.00	39.32 1.06 0.00	38.85 1.00 0.00	43.29 1.06 0.00	52.52 0.82 0.00	71.06 0.82 0.00	66.94 0.35 0.00	67.71 0.22 0.00	66.79 -1.95 0.00	64.39 -4.40 0.00	47.58 -3.85 0.00	50.61 -3.63 0.00	52.70 -3.02 0.00

MORRIS_RIDGE___SOLAR 323848	41.62 -1.81 0.00	42.35 -1.78 0.00	41.28 -1.46 0.00	39.73 -1.45 0.00	41.22 -1.30 0.00	38.13 -1.06 0.00	38.22 -0.82 0.00	40.46 -0.79 0.00	40.03 -0.27 0.00	36.37 -0.36 0.00	37.96 -0.44 0.00	42.39 -0.02 0.00	38.12 -0.14 0.00	37.84 -0.01 0.00	42.42 0.19 0.00	51.80 0.09 0.00	70.34 0.10 0.00	66.38 -0.21 0.00	67.18 -0.31 0.00	67.27 -1.47 0.00	65.77 -3.01 0.00	48.53 -2.90 0.00	50.83 -3.41 0.00	52.27 -3.45 0.00
MORTIMER_115KV_TB3 55949	43.26 -0.16 0.00	44.03 -0.11 0.00	42.73 -0.01 0.00	41.04 -0.14 0.00	42.36 -0.15 0.00	39.19 -0.01 0.00	39.05 0.02 0.00	41.09 -0.16 0.00	40.56 0.25 0.00	37.13 0.41 0.00	38.81 0.40 0.00	43.01 0.60 0.00	38.58 0.32 0.00	38.17 0.31 0.00	42.56 0.33 0.00	51.75 0.04 0.00	70.34 0.10 0.00	66.44 -0.15 0.00	67.35 -0.14 0.00	67.99 -0.76 0.00	67.15 -1.63 0.00	49.99 -1.44 0.00	52.68 -1.56 0.00	54.29 -1.43 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.62 2.19 0.00	46.17 2.04 0.00	44.65 1.92 0.00	43.11 1.93 0.00	44.46 1.94 0.00	41.02 1.82 0.00	41.01 1.97 0.00	43.44 2.19 0.00	42.37 2.06 0.00	38.67 1.94 0.00	40.48 2.08 0.00	44.62 2.21 0.00	40.27 2.02 0.00	39.84 1.99 0.00	44.34 2.11 0.00	54.24 2.53 0.00	73.49 3.25 0.00	70.00 3.40 0.00	70.98 3.49 0.00	72.41 3.66 0.00	72.66 3.88 0.00	54.37 2.95 0.00	57.22 2.98 0.00	58.55 2.83 0.00
MUNSVILLE_WIND_PWR 323609	44.34 0.91 0.00	44.81 0.67 0.00	43.21 0.48 0.00	41.75 0.56 0.00	43.41 0.89 0.00	40.42 1.23 0.00	40.38 1.35 0.00	43.13 1.88 0.00	42.35 2.05 0.00	38.46 1.74 0.00	40.01 1.61 0.00	43.80 1.39 0.00	39.35 1.09 0.00	39.42 1.57 0.00	44.92 2.69 0.00	56.00 4.30 0.00	76.92 6.69 0.00	73.40 6.81 0.00	74.37 6.88 0.00	75.39 6.65 0.00	74.99 6.21 0.00	55.64 4.22 0.00	57.84 3.61 0.00	57.89 2.17 0.00
N SALMON___HYD 24042	43.21 -0.22 0.00	44.23 0.09 0.00	42.84 0.11 0.00	41.28 0.10 0.00	42.63 0.11 0.00	39.37 0.17 0.00	39.23 0.19 0.00	41.78 0.52 0.00	40.73 0.43 0.00	37.08 0.36 0.00	38.87 0.47 0.00	42.91 0.50 0.00	38.67 0.41 0.00	38.30 0.45 0.00	42.82 0.59 0.00	52.74 1.03 0.00	72.20 1.96 0.00	68.21 1.61 0.00	68.94 1.45 0.00	70.56 1.81 0.00	70.77 1.99 0.00	52.91 1.48 0.00	56.01 1.77 0.00	57.56 1.84 0.00
N.AKRON__115KV_KNAPP 355671	43.18 -0.24 0.00	44.01 -0.12 0.00	42.80 0.06 0.00	41.04 -0.14 0.00	42.36 -0.16 0.00	39.30 0.10 0.00	39.09 0.05 0.00	41.03 -0.22 0.00	40.70 0.40 0.00	37.23 0.51 0.00	38.85 0.45 0.00	43.14 0.73 0.00	38.52 0.26 0.00	38.09 0.24 0.00	42.54 0.30 0.00	51.55 -0.15 0.00	70.13 -0.11 0.00	66.01 -0.58 0.00	66.93 -0.55 0.00	67.24 -1.51 0.00	65.94 -2.84 0.00	49.05 -2.38 0.00	51.79 -2.45 0.00	53.55 -2.17 0.00
N.E_GEN_SANDY PD 24062	42.62 1.61 2.42	44.92 1.49 0.71	44.18 1.44 0.00	42.65 1.46 0.00	44.10 1.47 -0.11	40.46 1.26 0.00	40.38 1.34 0.00	42.69 1.44 0.00	41.72 1.42 0.00	37.95 1.23 0.00	39.69 1.29 0.00	43.74 1.33 0.00	39.58 1.33 0.00	39.21 1.35 0.00	43.74 1.51 0.00	53.11 1.80 0.39	72.73 2.49 0.00	70.10 2.61 -0.90	70.04 2.55 0.00	71.35 2.60 0.00	74.76 2.93 -3.05	69.25 2.30 -15.52	70.56 2.36 -13.96	65.35 2.35 -7.28
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.35 1.92 0.00	45.88 1.75 0.00	44.35 1.61 0.00	42.80 1.62 0.00	44.17 1.65 0.00	40.75 1.55 0.00	40.72 1.69 0.00	43.12 1.87 0.00	42.05 1.75 0.00	38.33 1.61 0.00	40.10 1.70 0.00	44.25 1.85 0.00	39.95 1.69 0.00	39.51 1.66 0.00	43.98 1.75 0.00	53.86 2.15 0.00	73.07 2.83 0.00	69.59 3.00 0.00	70.56 3.07 0.00	71.94 3.20 0.00	72.18 3.39 0.00	53.98 2.55 0.00	56.82 2.58 0.00	58.15 2.43 0.00
N.QUEENS_27_KV_LOAD 356247	45.72 2.29 0.00	46.26 2.12 0.00	44.85 2.11 0.00	43.37 2.18 0.00	44.55 2.04 0.00	41.15 1.95 0.00	41.16 2.12 0.00	43.65 2.40 0.00	42.55 2.24 0.00	38.91 2.19 0.00	40.87 2.47 0.00	44.87 2.46 0.00	40.51 2.26 0.00	40.07 2.22 0.00	44.52 2.29 0.00	54.38 2.67 0.00	73.37 3.13 0.00	69.96 3.37 0.00	71.04 3.56 0.00	72.58 3.83 0.00	72.81 4.03 0.00	54.55 3.13 0.00	57.41 3.17 0.00	58.68 2.96 0.00
N.TROY___115KV_TB1 355778	45.02 1.59 0.00	45.63 1.50 0.00	44.21 1.47 0.00	42.65 1.47 0.00	44.00 1.48 0.00	40.47 1.28 0.00	40.40 1.36 0.00	42.69 1.44 0.00	41.71 1.40 0.00	37.92 1.20 0.00	39.60 1.20 0.00	43.66 1.26 0.00	39.49 1.23 0.00	39.11 1.25 0.00	43.68 1.45 0.00	53.54 1.84 0.00	72.85 2.61 0.00	69.24 2.65 0.00	70.06 2.58 0.00	71.34 2.59 0.00	71.64 2.86 0.00	53.66 2.24 0.00	56.55 2.31 0.00	58.06 2.34 0.00
NARROWS_GT1_1 24228	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT1_2 24229	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT1_3 24230	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT1_4 24231	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT1_5 24232	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00

NARROWS_GT1_6 24233	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT1_7 24234	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT1_8 24235	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_1 24236	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_2 24237	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_3 24238	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_4 24239	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_5 24240	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_6 24241	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_7 24242	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NARROWS_GT2_8 24243	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.75 3.51 0.00	70.28 3.68 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.76 2.33 0.00	46.37 2.24 0.00	44.90 2.16 0.00	43.29 2.11 0.00	44.71 2.19 0.00	41.20 2.01 0.00	41.17 2.14 0.00	43.54 2.29 0.00	42.50 2.19 0.00	38.51 1.79 0.00	40.13 1.73 0.00	44.24 1.83 0.00	39.90 1.64 0.00	39.54 1.69 0.00	44.33 2.10 0.00	54.55 2.84 0.00	74.22 3.98 0.00	70.67 4.07 0.00	71.53 4.04 0.00	72.71 3.97 0.00	72.84 4.06 0.00	54.54 3.12 0.00	57.37 3.13 0.00	58.78 3.06 0.00
NCHELSEA_115KV_TR2 355582	45.69 2.26 0.00	46.24 2.11 0.00	44.71 1.98 0.00	43.14 1.95 0.00	44.52 2.00 0.00	41.06 1.86 0.00	41.05 2.01 0.00	43.46 2.21 0.00	42.40 2.10 0.00	38.62 1.90 0.00	40.40 2.00 0.00	44.64 2.23 0.00	40.29 2.03 0.00	39.82 1.96 0.00	44.37 2.14 0.00	54.35 2.64 0.00	73.84 3.60 0.00	70.33 3.74 0.00	71.29 3.80 0.00	72.65 3.90 0.00	72.85 4.07 0.00	54.48 3.06 0.00	57.32 3.08 0.00	58.69 2.96 0.00
NEG CAPITAL___MECHNVIL 23645	45.85 2.43 0.00	46.44 2.31 0.00	44.98 2.24 0.00	43.40 2.22 0.00	44.79 2.27 0.00	41.24 2.04 0.00	41.22 2.19 0.00	43.63 2.38 0.00	42.60 2.29 0.00	38.71 1.98 0.00	40.38 1.98 0.00	44.57 2.16 0.00	40.24 1.98 0.00	39.83 1.97 0.00	44.54 2.30 0.00	54.69 2.98 0.00	74.57 4.33 0.00	70.88 4.29 0.00	71.70 4.21 0.00	72.95 4.20 0.00	73.17 4.39 0.00	54.72 3.30 0.00	57.66 3.42 0.00	59.14 3.42 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.46 -0.96 0.00	43.17 -0.96 0.00	41.89 -0.85 0.00	40.26 -0.92 0.00	41.57 -0.95 0.00	38.44 -0.76 0.00	38.27 -0.76 0.00	40.31 -0.94 0.00	39.73 -0.57 0.00	36.36 -0.36 0.00	38.01 -0.39 0.00	42.08 -0.33 0.00	37.75 -0.50 0.00	37.37 -0.48 0.00	41.70 -0.53 0.00	50.78 -0.93 0.00	69.02 -1.22 0.00	65.24 -1.35 0.00	66.13 -1.36 0.00	66.84 -1.91 0.00	66.18 -2.61 0.00	49.25 -2.17 0.00	51.89 -2.35 0.00	53.43 -2.29 0.00



NEG CENTRAL___DRP 24199	43.44 0.02 0.00	44.16 0.03 0.00	42.79 0.06 0.00	41.20 0.01 0.00	42.52 0.00 0.00	39.26 0.06 0.00	39.08 0.05 0.00	41.20 -0.05 0.00	40.44 0.14 0.00	36.93 0.21 0.00	38.52 0.12 0.00	42.51 0.10 0.00	38.23 -0.03 0.00	37.87 0.02 0.00	42.36 0.12 0.00	51.79 0.08 0.00	70.45 0.21 0.00	66.77 0.17 0.00	67.65 0.16 0.00	68.55 -0.20 0.00	68.13 -0.65 0.00	50.73 -0.69 0.00	53.42 -0.81 0.00	54.88 -0.84 0.00
NEG CENTRAL___INDECK 23768	44.07 0.64 0.00	44.76 0.63 0.00	43.54 0.80 0.00	41.88 0.70 0.00	43.39 0.87 0.00	40.15 0.95 0.00	40.16 1.13 0.00	42.49 1.24 0.00	42.02 1.72 0.00	38.16 1.43 0.00	39.80 1.40 0.00	44.24 1.83 0.00	39.76 1.50 0.00	39.47 1.62 0.00	44.19 1.96 0.00	53.96 2.26 0.00	73.53 3.29 0.00	69.56 2.96 0.00	70.47 2.98 0.00	70.76 2.01 0.00	69.40 0.62 0.00	51.36 -0.07 0.00	53.79 -0.45 0.00	55.24 -0.48 0.00
NEG CENTRAL___SENECA 23627	43.49 0.06 0.00	44.21 0.08 0.00	42.85 0.12 0.00	41.22 0.04 0.00	42.56 0.04 0.00	39.32 0.12 0.00	39.17 0.13 0.00	41.27 0.02 0.00	40.59 0.29 0.00	37.07 0.35 0.00	38.66 0.26 0.00	42.70 0.29 0.00	38.35 0.09 0.00	38.00 0.14 0.00	42.50 0.27 0.00	51.91 0.20 0.00	70.63 0.39 0.00	66.89 0.30 0.00	67.78 0.30 0.00	68.61 -0.13 0.00	68.06 -0.72 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.85 -0.88 0.00
NEG CENTRAL___STATE_STREET 24147	43.63 0.20 0.00	44.34 0.21 0.00	42.92 0.18 0.00	41.36 0.17 0.00	42.59 0.07 0.00	39.36 0.17 0.00	39.23 0.19 0.00	41.36 0.11 0.00	40.54 0.23 0.00	36.96 0.24 0.00	38.54 0.14 0.00	42.47 0.06 0.00	38.21 -0.05 0.00	37.89 0.04 0.00	42.40 0.16 0.00	51.96 0.25 0.00	70.64 0.40 0.00	66.99 0.40 0.00	67.92 0.43 0.00	68.92 0.18 0.00	68.66 -0.12 0.00	51.05 -0.37 0.00	53.88 -0.36 0.00	55.12 -0.60 0.00
NEG MILLWOOD___DRP 24198	45.87 2.44 0.00	46.41 2.28 0.00	44.87 2.13 0.00	43.30 2.12 0.00	44.68 2.16 0.00	41.21 2.02 0.00	41.21 2.18 0.00	43.66 2.41 0.00	42.61 2.30 0.00	38.83 2.11 0.00	40.63 2.23 0.00	44.83 2.42 0.00	40.48 2.22 0.00	40.02 2.16 0.00	44.57 2.34 0.00	54.57 2.86 0.00	74.13 3.89 0.00	70.62 4.02 0.00	71.58 4.09 0.00	72.95 4.21 0.00	73.16 4.38 0.00	54.71 3.29 0.00	57.58 3.34 0.00	58.92 3.20 0.00
NEG NORTH_FLCN_SEA 23793	43.01 -0.41 0.00	44.06 -0.07 0.00	42.70 -0.03 0.00	41.19 0.00 0.00	42.53 0.01 0.00	39.25 0.05 0.00	39.07 0.04 0.00	41.57 0.32 0.00	40.52 0.22 0.00	36.83 0.11 0.00	38.55 0.15 0.00	42.75 0.34 0.00	38.60 0.35 0.00	38.34 0.48 0.00	42.95 0.72 0.00	52.79 1.09 0.00	72.32 2.08 0.00	68.34 1.75 0.00	69.07 1.58 0.00	70.63 1.88 0.00	70.92 2.14 0.00	53.02 1.60 0.00	56.01 1.77 0.00	57.52 1.80 0.00
NEG NORTH_KES_CHATEGAY 23792	42.55 -0.87 0.00	43.54 -0.59 0.00	42.18 -0.56 0.00	40.66 -0.52 0.00	41.99 -0.52 0.00	38.83 -0.37 0.00	38.63 -0.41 0.00	41.10 -0.15 0.00	40.04 -0.26 0.00	36.43 -0.29 0.00	38.13 -0.27 0.00	42.16 -0.25 0.00	38.07 -0.19 0.00	37.79 -0.06 0.00	42.29 0.06 0.00	52.03 0.32 0.00	71.26 1.03 0.00	67.36 0.77 0.00	68.12 0.64 0.00	69.72 0.97 0.00	70.01 1.23 0.00	52.29 0.87 0.00	55.30 1.06 0.00	56.84 1.12 0.00
NEG NORTH___ALICE_FALLS 23915	43.23 -0.20 0.00	44.28 0.14 0.00	42.92 0.18 0.00	41.37 0.19 0.00	42.74 0.22 0.00	39.47 0.27 0.00	39.28 0.25 0.00	41.82 0.57 0.00	40.71 0.40 0.00	37.00 0.27 0.00	38.65 0.25 0.00	42.84 0.44 0.00	38.67 0.41 0.00	38.39 0.53 0.00	43.01 0.77 0.00	52.96 1.25 0.00	72.65 2.41 0.00	68.69 2.10 0.00	69.45 1.96 0.00	71.01 2.27 0.00	71.27 2.49 0.00	53.26 1.84 0.00	56.28 2.04 0.00	57.77 2.05 0.00
NEG NORTH___LWR_SARANAC 23913	43.23 -0.20 0.00	44.28 0.14 0.00	42.92 0.18 0.00	41.37 0.19 0.00	42.74 0.22 0.00	39.47 0.27 0.00	39.28 0.25 0.00	41.82 0.57 0.00	40.71 0.40 0.00	37.00 0.27 0.00	38.65 0.25 0.00	42.84 0.44 0.00	38.67 0.41 0.00	38.39 0.53 0.00	43.01 0.77 0.00	52.96 1.25 0.00	72.65 2.41 0.00	68.69 2.10 0.00	69.45 1.96 0.00	71.01 2.27 0.00	71.27 2.49 0.00	53.26 1.84 0.00	56.28 2.04 0.00	57.77 2.05 0.00
NEG NORTH___PLATTSBURG 23628	43.23 -0.20 0.00	44.28 0.14 0.00	42.92 0.18 0.00	41.37 0.19 0.00	42.74 0.22 0.00	39.47 0.27 0.00	39.28 0.25 0.00	41.82 0.57 0.00	40.71 0.40 0.00	37.00 0.27 0.00	38.66 0.25 0.00	42.84 0.44 0.00	38.67 0.41 0.00	38.39 0.53 0.00	43.00 0.77 0.00	52.96 1.25 0.00	72.64 2.40 0.00	68.69 2.10 0.00	69.45 1.96 0.00	71.01 2.27 0.00	71.27 2.49 0.00	53.26 1.84 0.00	56.28 2.03 0.00	57.77 2.05 0.00
NEG WEST_LEA_LOCKPORT 23791	42.50 -0.93 0.00	43.34 -0.79 0.00	42.19 -0.55 0.00	40.45 -0.73 0.00	41.75 -0.77 0.00	38.73 -0.47 0.00	38.49 -0.54 0.00	40.38 -0.87 0.00	40.09 -0.21 0.00	36.82 0.10 0.00	38.54 0.14 0.00	42.80 0.39 0.00	38.15 -0.10 0.00	37.68 -0.17 0.00	41.98 -0.25 0.00	50.76 -0.95 0.00	68.90 -1.34 0.00	64.76 -1.83 0.00	65.71 -1.77 0.00	65.99 -2.76 0.00	64.63 -4.15 0.00	48.09 -3.34 0.00	50.83 -3.41 0.00	52.61 -3.11 0.00
NEG WEST___LANCASTR 23811	42.84 -0.59 0.00	43.69 -0.44 0.00	42.47 -0.27 0.00	40.75 -0.44 0.00	42.08 -0.44 0.00	38.87 -0.32 0.00	38.84 -0.19 0.00	40.92 -0.34 0.00	40.55 0.25 0.00	37.28 0.55 0.00	39.09 0.68 0.00	43.40 0.99 0.00	38.76 0.51 0.00	38.27 0.42 0.00	42.64 0.41 0.00	51.71 0.00 0.00	70.02 -0.21 0.00	65.92 -0.67 0.00	66.86 -0.62 0.00	67.20 -1.54 0.00	65.97 -2.81 0.00	48.97 -2.46 0.00	51.79 -2.45 0.00	53.48 -2.24 0.00
NEG_PENN_ALLEGHNY 23528	43.26 -0.16 0.00	43.96 -0.17 0.00	42.58 -0.16 0.00	41.01 -0.17 0.00	42.39 -0.13 0.00	39.01 -0.19 0.00	38.94 -0.10 0.00	41.18 -0.07 0.00	40.35 0.05 0.00	36.82 0.10 0.00	38.43 0.03 0.00	42.61 0.20 0.00	38.35 0.09 0.00	37.92 0.07 0.00	42.36 0.13 0.00	51.90 0.19 0.00	70.36 0.12 0.00	66.70 0.11 0.00	67.57 0.08 0.00	68.60 -0.15 0.00	68.34 -0.44 0.00	50.95 -0.47 0.00	53.65 -0.58 0.00	55.01 -0.71 0.00
NEG___GEN_MONROE 24207	43.57 0.15 0.00	44.47 0.33 0.00	43.21 0.48 0.00	41.50 0.32 0.00	42.90 0.38 0.00	39.67 0.47 0.00	39.65 0.61 0.00	41.52 0.27 0.00	40.93 0.62 0.00	37.48 0.75 0.00	39.14 0.74 0.00	43.28 0.88 0.00	38.92 0.66 0.00	38.43 0.58 0.00	42.98 0.75 0.00	52.18 0.47 0.00	70.93 0.69 0.00	66.95 0.36 0.00	67.89 0.40 0.00	68.46 -0.29 0.00	67.54 -1.24 0.00	50.25 -1.18 0.00	53.00 -1.23 0.00	54.61 -1.11 0.00
NEPA___ENERGY 23901	41.97 -1.46 0.00	42.87 -1.26 0.00	41.63 -1.11 0.00	39.98 -1.20 0.00	41.44 -1.08 0.00	38.17 -1.03 0.00	38.24 -0.79 0.00	40.40 -0.85 0.00	39.91 -0.39 0.00	36.73 0.00 0.00	38.43 0.03 0.00	42.77 0.36 0.00	38.26 0.00 0.00	37.78 -0.08 0.00	42.10 -0.13 0.00	51.18 -0.53 0.00	69.13 -1.11 0.00	65.12 -1.48 0.00	65.95 -1.54 0.00	66.21 -2.54 0.00	64.91 -3.88 0.00	48.14 -3.28 0.00	51.01 -3.23 0.00	52.70 -3.02 0.00

NEVERSINK___HYD 23608	45.07 1.64 0.00	45.61 1.48 0.00	44.07 1.34 0.00	42.51 1.33 0.00	43.89 1.38 0.00	40.50 1.31 0.00	40.51 1.48 0.00	42.90 1.65 0.00	41.85 1.55 0.00	38.06 1.34 0.00	39.71 1.31 0.00	43.93 1.52 0.00	39.63 1.37 0.00	39.06 1.21 0.00	43.50 1.27 0.00	53.46 1.75 0.00	72.91 2.67 0.00	69.48 2.89 0.00	70.47 2.98 0.00	71.81 3.07 0.00	71.92 3.14 0.00	53.75 2.32 0.00	56.58 2.34 0.00	57.89 2.17 0.00
NEWKRMKL_115KV_TB1 55635	44.60 1.18 0.00	45.22 1.09 0.00	43.78 1.04 0.00	42.24 1.06 0.00	43.59 1.08 0.00	40.16 0.97 0.00	40.05 1.02 0.00	42.29 1.04 0.00	41.32 1.01 0.00	37.63 0.90 0.00	39.32 0.92 0.00	43.34 0.93 0.00	39.23 0.97 0.00	38.84 0.98 0.00	43.32 1.08 0.00	53.02 1.32 0.00	71.83 1.59 0.00	68.27 1.68 0.00	69.08 1.60 0.00	70.36 1.61 0.00	70.60 1.82 0.00	53.02 1.59 0.00	55.81 1.57 0.00	57.30 1.58 0.00
NEWTON___FALLS_HYD 23847	42.51 -0.91 0.00	43.37 -0.76 0.00	41.82 -0.91 0.00	40.28 -0.90 0.00	41.59 -0.93 0.00	37.97 -1.23 0.00	37.98 -1.06 0.00	40.68 -0.57 0.00	39.70 -0.60 0.00	36.14 -0.58 0.00	38.05 -0.35 0.00	41.87 -0.54 0.00	37.60 -0.66 0.00	37.09 -0.76 0.00	41.58 -0.65 0.00	51.51 -0.20 0.00	70.17 -0.07 0.00	66.39 -0.20 0.00	67.13 -0.35 0.00	68.38 -0.37 0.00	68.46 -0.32 0.00	51.57 0.14 0.00	54.65 0.42 0.00	56.10 0.38 0.00
NGRID_A1_DSASP 323792	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
NGRID_A2_DSASP 323793	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
NGRID_A4_DSASP 323807	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
NIAGARA_115E_LBMP 323715	42.04 -1.39 0.00	42.87 -1.27 0.00	41.73 -1.00 0.00	40.03 -1.16 0.00	41.30 -1.22 0.00	38.34 -0.86 0.00	37.97 -1.06 0.00	39.75 -1.51 0.00	39.48 -0.83 0.00	36.30 -0.42 0.00	38.02 -0.38 0.00	42.21 -0.20 0.00	37.58 -0.68 0.00	37.12 -0.74 0.00	41.32 -0.91 0.00	49.91 -1.79 0.00	67.76 -2.48 0.00	63.65 -2.94 0.00	64.58 -2.90 0.00	64.86 -3.89 0.00	63.52 -5.26 0.00	47.32 -4.10 0.00	50.02 -4.22 0.00	51.82 -3.90 0.00
NIAGARA_115W_LBMP 323714	41.82 -1.61 0.00	42.67 -1.46 0.00	41.56 -1.17 0.00	39.84 -1.35 0.00	41.08 -1.44 0.00	38.11 -1.09 0.00	37.93 -1.10 0.00	39.77 -1.48 0.00	39.49 -0.82 0.00	36.36 -0.36 0.00	38.10 -0.30 0.00	42.29 -0.11 0.00	37.64 -0.62 0.00	37.16 -0.70 0.00	41.34 -0.89 0.00	49.81 -1.90 0.00	67.27 -2.97 0.00	63.18 -3.41 0.00	64.14 -3.35 0.00	64.41 -4.34 0.00	63.11 -5.67 0.00	47.14 -4.28 0.00	50.01 -4.23 0.00	51.84 -3.88 0.00
NIAGARA_230_LBMP 323716	42.13 -1.29 0.00	43.00 -1.14 0.00	41.87 -0.87 0.00	40.13 -1.05 0.00	41.40 -1.12 0.00	38.38 -0.82 0.00	38.19 -0.85 0.00	40.07 -1.18 0.00	39.76 -0.54 0.00	36.61 -0.11 0.00	38.37 -0.04 0.00	42.58 0.17 0.00	37.90 -0.35 0.00	37.42 -0.43 0.00	41.65 -0.58 0.00	50.33 -1.37 0.00	68.22 -2.02 0.00	64.12 -2.48 0.00	65.07 -2.42 0.00	65.37 -3.37 0.00	64.10 -4.68 0.00	47.73 -3.70 0.00	50.48 -3.76 0.00	52.30 -3.42 0.00
NIAGARA___115KV_198_GIBSON 55903	41.82 -1.61 0.00	42.68 -1.45 0.00	41.56 -1.18 0.00	39.84 -1.34 0.00	41.09 -1.43 0.00	38.11 -1.09 0.00	37.93 -1.10 0.00	39.77 -1.48 0.00	39.49 -0.82 0.00	36.36 -0.36 0.00	38.10 -0.30 0.00	42.29 -0.11 0.00	37.63 -0.62 0.00	37.16 -0.70 0.00	41.34 -0.89 0.00	49.81 -1.90 0.00	67.27 -2.96 0.00	63.18 -3.41 0.00	64.13 -3.35 0.00	64.42 -4.32 0.00	63.10 -5.68 0.00	47.15 -4.28 0.00	50.01 -4.22 0.00	51.84 -3.88 0.00
NIAGARA____ 23760	42.13 -1.29 0.00	43.00 -1.14 0.00	41.87 -0.87 0.00	40.13 -1.05 0.00	41.40 -1.12 0.00	38.38 -0.82 0.00	38.19 -0.85 0.00	40.07 -1.18 0.00	39.76 -0.54 0.00	36.61 -0.11 0.00	38.37 -0.04 0.00	42.58 0.17 0.00	37.90 -0.35 0.00	37.42 -0.43 0.00	41.65 -0.58 0.00	50.33 -1.37 0.00	68.22 -2.02 0.00	64.12 -2.48 0.00	65.07 -2.42 0.00	65.37 -3.37 0.00	64.10 -4.68 0.00	47.73 -3.70 0.00	50.48 -3.76 0.00	52.30 -3.42 0.00
NINE_MILE_1 23575	42.22 -1.21 0.00	42.91 -1.22 0.00	41.55 -1.18 0.00	40.03 -1.15 0.00	41.33 -1.19 0.00	38.08 -1.11 0.00	37.82 -1.22 0.00	39.81 -1.44 0.00	38.97 -1.34 0.00	35.57 -1.16 0.00	37.18 -1.22 0.00	41.06 -1.34 0.00	37.03 -1.23 0.00	36.64 -1.22 0.00	40.86 -1.38 0.00	49.97 -1.74 0.00	67.89 -2.35 0.00	64.35 -2.24 0.00	65.20 -2.29 0.00	66.30 -2.45 0.00	66.17 -2.61 0.00	49.42 -2.00 0.00	52.08 -2.16 0.00	53.57 -2.15 0.00
NINE_MILE_2 23744	42.23 -1.20 0.00	42.91 -1.22 0.00	41.57 -1.17 0.00	40.03 -1.15 0.00	41.33 -1.19 0.00	38.09 -1.11 0.00	37.82 -1.21 0.00	39.82 -1.44 0.00	38.97 -1.34 0.00	35.57 -1.16 0.00	37.19 -1.22 0.00	41.06 -1.34 0.00	37.03 -1.23 0.00	36.64 -1.22 0.00	40.86 -1.38 0.00	49.97 -1.73 0.00	67.89 -2.35 0.00	64.36 -2.24 0.00	65.20 -2.29 0.00	66.30 -2.45 0.00	66.18 -2.60 0.00	49.42 -2.00 0.00	52.09 -2.15 0.00	53.57 -2.15 0.00
NM_CAPITAL___DRP 24208	44.61 1.18 0.00	45.23 1.10 0.00	43.80 1.07 0.00	42.26 1.08 0.00	43.61 1.10 0.00	40.15 0.96 0.00	40.05 1.02 0.00	42.27 1.02 0.00	41.30 1.00 0.00	37.61 0.89 0.00	39.30 0.90 0.00	43.33 0.92 0.00	39.21 0.96 0.00	38.82 0.97 0.00	43.30 1.07 0.00	53.00 1.29 0.00	71.83 1.59 0.00	68.28 1.68 0.00	69.11 1.62 0.00	70.37 1.63 0.00	70.66 1.88 0.00	53.02 1.59 0.00	55.83 1.59 0.00	57.34 1.62 0.00
NM_CENTRAL___DRP 24181	42.99 -0.43 0.00	43.69 -0.44 0.00	42.30 -0.43 0.00	40.74 -0.44 0.00	42.08 -0.44 0.00	38.77 -0.42 0.00	38.57 -0.47 0.00	40.64 -0.61 0.00	39.81 -0.49 0.00	36.33 -0.39 0.00	37.96 -0.44 0.00	41.97 -0.44 0.00	37.82 -0.43 0.00	37.41 -0.45 0.00	41.75 -0.48 0.00	51.10 -0.61 0.00	69.42 -0.82 0.00	65.81 -0.79 0.00	66.67 -0.81 0.00	67.73 -1.02 0.00	67.56 -1.22 0.00	50.44 -0.99 0.00	53.11 -1.13 0.00	54.55 -1.17 0.00

NM_FRONTIER___DRP 24179	41.82 -1.61 0.00	42.68 -1.45 0.00	41.56 -1.18 0.00	39.84 -1.34 0.00	41.09 -1.43 0.00	38.11 -1.09 0.00	37.93 -1.10 0.00	39.77 -1.48 0.00	39.49 -0.82 0.00	36.36 -0.36 0.00	38.10 -0.30 0.00	42.29 -0.11 0.00	37.63 -0.62 0.00	37.16 -0.70 0.00	41.34 -0.89 0.00	49.81 -1.90 0.00	67.27 -2.96 0.00	63.18 -3.41 0.00	64.13 -3.35 0.00	64.42 -4.32 0.00	63.10 -5.68 0.00	47.15 -4.28 0.00	50.01 -4.22 0.00	51.84 -3.88 0.00
NM_ST_REGIS___HYD 24053	43.11 -0.31 0.00	44.16 0.03 0.00	42.77 0.03 0.00	41.20 0.01 0.00	42.54 0.02 0.00	39.10 -0.10 0.00	38.98 -0.06 0.00	41.53 0.27 0.00	40.44 0.14 0.00	36.72 0.00 0.00	38.50 0.09 0.00	42.43 0.02 0.00	38.21 -0.05 0.00	37.80 -0.06 0.00	42.26 0.03 0.00	52.04 0.34 0.00	70.97 0.73 0.00	66.87 0.27 0.00	67.51 0.02 0.00	69.07 0.33 0.00	69.32 0.54 0.00	51.99 0.57 0.00	55.26 1.02 0.00	56.83 1.11 0.00
NORTHPORT___1 23551	45.85 2.43 0.00	46.32 2.18 0.00	44.63 1.90 0.00	43.12 1.94 0.00	44.52 2.00 0.00	41.08 1.89 0.00	41.09 2.06 0.00	43.33 2.08 0.00	39.51 1.58 2.37	27.94 1.68 10.46	40.45 2.05 0.00	44.53 2.12 0.00	39.90 1.65 0.00	39.55 1.69 0.00	44.00 1.76 0.00	54.07 2.37 0.00	37.56 3.33 36.01	36.11 3.59 34.07	37.00 3.73 34.21	35.19 3.82 37.37	34.71 3.94 38.01	37.54 3.00 16.89	40.30 3.22 17.15	58.98 3.26 0.00
NORTHPORT___2 23552	45.85 2.43 0.00	46.32 2.18 0.00	44.63 1.90 0.00	43.12 1.94 0.00	44.52 2.00 0.00	41.08 1.89 0.00	41.09 2.06 0.00	43.33 2.08 0.00	39.51 1.58 2.37	27.94 1.68 10.46	40.45 2.05 0.00	44.53 2.12 0.00	39.90 1.65 0.00	39.55 1.69 0.00	44.00 1.76 0.00	54.07 2.37 0.00	37.56 3.33 36.01	36.11 3.59 34.07	37.00 3.73 34.21	35.19 3.82 37.37	34.71 3.94 38.01	37.54 3.00 16.89	40.30 3.22 17.15	58.98 3.26 0.00
NORTHPORT___3 23553	45.87 2.44 0.00	46.32 2.19 0.00	44.65 1.92 0.00	43.13 1.95 0.00	44.53 2.01 0.00	41.10 1.90 0.00	41.09 2.05 0.00	43.33 2.08 0.00	40.50 1.59 1.39	32.29 1.71 6.15	40.50 2.10 0.00	44.56 2.16 0.00	39.94 1.69 0.00	39.57 1.71 0.00	44.01 1.78 0.00	54.06 2.36 0.00	51.91 3.31 21.64	45.30 3.55 24.84	50.17 3.69 21.00	48.82 3.78 23.71	49.49 3.93 23.22	43.08 2.98 11.32	46.05 3.21 11.39	58.36 3.25 0.61
NORTHPORT___4 23650	45.87 2.44 0.00	46.32 2.19 0.00	44.65 1.92 0.00	43.13 1.95 0.00	44.53 2.01 0.00	41.10 1.90 0.00	41.09 2.05 0.00	43.33 2.08 0.00	40.50 1.59 1.39	32.29 1.71 6.15	40.50 2.10 0.00	44.56 2.16 0.00	39.94 1.69 0.00	39.57 1.71 0.00	44.01 1.78 0.00	54.06 2.36 0.00	51.91 3.31 21.64	45.30 3.55 24.84	50.17 3.69 21.00	48.82 3.78 23.71	49.49 3.93 23.22	43.08 2.98 11.32	46.05 3.21 11.39	58.36 3.25 0.61
NORTHPORT___IC 23718	45.85 2.43 0.00	46.32 2.18 0.00	44.63 1.90 0.00	43.12 1.94 0.00	44.52 2.00 0.00	41.08 1.89 0.00	41.09 2.06 0.00	43.33 2.08 0.00	39.51 1.58 2.37	27.94 1.68 10.46	40.46 2.06 0.00	44.53 2.12 0.00	39.90 1.65 0.00	39.55 1.70 0.00	44.00 1.76 0.00	54.07 2.37 0.00	37.56 3.33 36.01	36.11 3.59 34.07	37.00 3.73 34.21	35.19 3.82 37.37	34.71 3.95 38.01	37.54 3.00 16.89	40.30 3.22 17.15	58.98 3.26 0.00
NORTH___COUNTRY_ESR 323785	42.47 -0.95 0.00	43.45 -0.68 0.00	42.09 -0.64 0.00	40.58 -0.60 0.00	41.92 -0.60 0.00	38.74 -0.45 0.00	38.54 -0.50 0.00	41.00 -0.25 0.00	39.94 -0.36 0.00	36.37 -0.36 0.00	38.11 -0.29 0.00	42.16 -0.25 0.00	38.06 -0.19 0.00	37.79 -0.06 0.00	42.29 0.05 0.00	51.97 0.26 0.00	71.08 0.84 0.00	67.15 0.56 0.00	67.93 0.44 0.00	69.51 0.76 0.00	69.76 0.98 0.00	52.13 0.71 0.00	55.14 0.90 0.00	56.67 0.95 0.00
NPX_GEN_1385_PROXY 323591	46.28 2.85 0.00	46.75 2.62 0.00	44.92 2.19 0.00	43.53 2.35 0.00	44.95 2.43 0.00	37.77 2.32 3.74	37.95 2.96 4.04	44.05 2.80 0.00	40.02 2.08 2.37	27.97 1.71 10.46	40.14 1.74 0.00	44.34 1.93 0.00	39.60 1.48 0.14	39.66 1.81 0.00	44.34 2.26 0.15	81.84 3.61 -26.52	39.19 4.95 36.01	42.91 5.13 28.82	95.47 5.31 -22.67	95.69 5.43 -21.51	78.37 5.51 -4.08	77.62 4.15 -22.04	41.19 4.11 17.15	59.79 4.07 0.00
NPX_GEN_CSC 323557	46.32 2.89 0.00	46.69 2.56 0.00	45.00 2.27 0.00	43.45 2.27 0.00	44.86 2.35 0.00	37.72 2.27 3.74	37.49 2.49 4.04	43.86 2.61 0.00	42.83 2.06 -0.46	40.71 1.95 -2.03	40.65 2.24 0.00	44.66 2.25 0.00	40.10 1.98 0.14	40.00 2.14 0.00	44.49 2.41 0.15	53.97 3.47 1.20	101.35 5.16 -25.95	265.38 5.44 -193.36	114.62 5.52 -41.61	149.68 5.64 -75.30	116.12 5.75 -41.60	113.09 4.35 -57.30	113.13 4.61 -54.28	83.78 4.58 -23.48
NSINS_S_GLNS_FALLS 23858	46.62 3.19 0.00	47.14 3.01 0.00	45.71 2.98 0.00	44.08 2.90 0.00	45.48 2.96 0.00	41.86 2.66 0.00	41.93 2.90 0.00	44.42 3.17 0.00	43.40 3.10 0.00	39.36 2.63 0.00	41.05 2.65 0.00	45.27 2.86 0.00	40.89 2.63 0.00	40.46 2.60 0.00	45.27 3.04 0.00	55.64 3.94 0.00	76.25 6.01 0.00	72.48 5.88 0.00	73.29 5.80 0.00	74.56 5.81 0.00	74.83 6.05 0.00	55.89 4.47 0.00	58.93 4.69 0.00	60.44 4.72 0.00
NUCOR_STEEL___DRP 24197	43.60 0.17 0.00	44.31 0.17 0.00	42.88 0.14 0.00	41.32 0.14 0.00	42.54 0.02 0.00	39.32 0.13 0.00	39.19 0.16 0.00	41.32 0.07 0.00	40.49 0.19 0.00	36.91 0.18 0.00	38.50 0.10 0.00	42.41 0.00 0.00	38.16 -0.10 0.00	37.86 0.01 0.00	42.35 0.12 0.00	51.91 0.20 0.00	70.55 0.31 0.00	66.92 0.32 0.00	67.82 0.34 0.00	68.85 0.11 0.00	68.60 -0.18 0.00	51.01 -0.42 0.00	53.85 -0.39 0.00	55.06 -0.66 0.00
NUMBER_THREE_WT_PWR 323818	42.42 -1.01 0.00	43.11 -1.02 0.00	41.60 -1.14 0.00	39.87 -1.32 0.00	41.23 -1.29 0.00	37.75 -1.45 0.00	37.91 -1.12 0.00	40.88 -0.37 0.00	40.05 -0.25 0.00	36.59 -0.13 0.00	38.54 0.13 0.00	42.35 -0.06 0.00	37.95 -0.31 0.00	37.39 -0.46 0.00	41.99 -0.25 0.00	52.20 0.50 0.00	71.51 1.27 0.00	67.94 1.34 0.00	68.83 1.34 0.00	69.85 1.10 0.00	69.61 0.83 0.00	52.18 0.75 0.00	55.02 0.78 0.00	56.34 0.62 0.00
NYISO_LBMP_REFERENCE 24008	43.43 0.00 0.00	44.13 0.00 0.00	42.73 0.00 0.00	41.18 0.00 0.00	42.52 0.00 0.00	39.20 0.00 0.00	39.03 0.00 0.00	41.25 0.00 0.00	40.30 0.00 0.00	36.73 0.00 0.00	38.40 0.00 0.00	42.41 0.00 0.00	38.26 0.00 0.00	37.85 0.00 0.00	42.23 0.00 0.00	51.71 0.00 0.00	70.24 0.00 0.00	66.59 0.00 0.00	67.49 0.00 0.00	68.75 0.00 0.00	68.78 0.00 0.00	51.42 0.00 0.00	54.24 0.00 0.00	55.72 0.00 0.00
NYPA_BRENTWD____GT 24164	46.50 3.08 0.00	46.93 2.80 0.00	45.22 2.48 0.00	43.66 2.48 0.00	45.07 2.56 0.00	41.61 2.42 0.00	41.69 2.65 0.00	43.98 2.73 0.00	42.94 2.24 -0.40	40.77 2.28 -1.76	40.97 2.57 0.00	45.08 2.67 0.00	40.45 2.19 0.00	40.09 2.24 0.00	44.70 2.46 0.00	54.96 3.25 0.00	82.61 4.55 -7.82	94.10 4.32 -23.18	81.16 4.66 -9.01	86.04 4.66 -12.64	83.24 4.88 -9.58	62.86 3.55 -7.89	65.67 3.79 -7.64	61.65 3.73 -2.20

NYPA_GOWANUS____GT5 24156	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.74 3.50 0.00	70.25 3.66 0.00	71.34 3.85 0.00	72.89 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NYPA_GOWANUS____GT6 24157	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.71 2.47 0.00	42.65 2.34 0.00	38.92 2.19 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.23 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.82 0.00	73.74 3.50 0.00	70.25 3.66 0.00	71.34 3.85 0.00	72.89 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.52 3.28 0.00	58.82 3.10 0.00
NYPA_HARLEM__RVR__GT1 24160	45.59 2.17 0.00	46.17 2.04 0.00	44.76 2.03 0.00	43.27 2.08 0.00	44.47 1.96 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.55 2.30 0.00	42.45 2.15 0.00	38.80 2.08 0.00	40.74 2.34 0.00	44.75 2.35 0.00	40.39 2.14 0.00	39.95 2.10 0.00	44.39 2.16 0.00	54.26 2.55 0.00	73.20 2.96 0.00	69.81 3.21 0.00	70.88 3.39 0.00	72.42 3.67 0.00	72.67 3.89 0.00	54.45 3.02 0.00	57.29 3.06 0.00	58.57 2.85 0.00
NYPA_HARLEM__RVR__GT2 24161	45.59 2.17 0.00	46.17 2.04 0.00	44.76 2.03 0.00	43.27 2.08 0.00	44.47 1.96 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.55 2.30 0.00	42.45 2.15 0.00	38.80 2.08 0.00	40.74 2.34 0.00	44.75 2.35 0.00	40.39 2.14 0.00	39.95 2.10 0.00	44.39 2.16 0.00	54.26 2.55 0.00	73.20 2.96 0.00	69.81 3.21 0.00	70.88 3.39 0.00	72.42 3.67 0.00	72.67 3.89 0.00	54.45 3.02 0.00	57.29 3.06 0.00	58.57 2.85 0.00
NYPA_KENT____GT 24152	45.84 2.42 0.00	46.42 2.29 0.00	44.91 2.17 0.00	43.35 2.17 0.00	44.68 2.17 0.00	41.25 2.05 0.00	41.24 2.21 0.00	43.68 2.43 0.00	42.61 2.30 0.00	38.90 2.17 0.00	40.73 2.33 0.00	44.86 2.45 0.00	40.49 2.23 0.00	40.05 2.19 0.00	44.55 2.32 0.00	54.49 2.78 0.00	73.70 3.46 0.00	70.18 3.59 0.00	71.24 3.75 0.00	72.78 4.04 0.00	73.06 4.28 0.00	54.65 3.22 0.00	57.50 3.26 0.00	58.79 3.08 0.00
NYPA_POUCH1____GT 24155	46.01 2.58 0.00	46.59 2.45 0.00	45.04 2.30 0.00	43.47 2.29 0.00	44.82 2.30 0.00	41.38 2.19 0.00	41.36 2.32 0.00	43.73 2.48 0.00	42.65 2.34 0.00	38.91 2.19 0.00	40.71 2.31 0.00	44.81 2.40 0.00	40.44 2.18 0.00	40.01 2.15 0.00	44.51 2.28 0.00	54.51 2.80 0.00	73.66 3.42 0.00	70.20 3.61 0.00	71.28 3.80 0.00	72.81 4.06 0.00	72.99 4.21 0.00	54.58 3.16 0.00	57.43 3.19 0.00	58.73 3.01 0.00
NYPA_VERNON____GT2 24162	45.79 2.37 0.00	46.36 2.23 0.00	44.86 2.13 0.00	43.31 2.13 0.00	44.64 2.12 0.00	41.20 2.00 0.00	41.20 2.17 0.00	43.65 2.40 0.00	42.58 2.28 0.00	38.88 2.15 0.00	40.73 2.33 0.00	44.86 2.45 0.00	40.49 2.23 0.00	40.04 2.19 0.00	44.53 2.30 0.00	54.46 2.75 0.00	73.70 3.46 0.00	70.18 3.59 0.00	71.19 3.70 0.00	72.72 3.98 0.00	73.00 4.22 0.00	54.61 3.18 0.00	57.45 3.21 0.00	58.76 3.04 0.00
NYPA_VERNON____GT3 24163	45.79 2.37 0.00	46.36 2.23 0.00	44.86 2.13 0.00	43.31 2.13 0.00	44.64 2.12 0.00	41.20 2.00 0.00	41.20 2.17 0.00	43.65 2.40 0.00	42.58 2.28 0.00	38.88 2.15 0.00	40.73 2.33 0.00	44.86 2.45 0.00	40.49 2.23 0.00	40.04 2.19 0.00	44.53 2.30 0.00	54.46 2.75 0.00	73.70 3.46 0.00	70.18 3.59 0.00	71.19 3.70 0.00	72.72 3.98 0.00	73.00 4.22 0.00	54.61 3.18 0.00	57.45 3.21 0.00	58.76 3.04 0.00
NYPA____ASTORIA_CC1 323568	45.73 2.31 0.00	46.32 2.19 0.00	44.83 2.09 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.23 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.81 2.40 0.00	40.45 2.19 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.40 2.70 0.00	73.61 3.38 0.00	70.08 3.49 0.00	71.09 3.60 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 2.99 0.00
NYPA____ASTORIA_CC2 323569	45.73 2.31 0.00	46.32 2.19 0.00	44.83 2.09 0.00	43.27 2.09 0.00	44.59 2.08 0.00	41.17 1.97 0.00	41.17 2.14 0.00	43.61 2.36 0.00	42.54 2.23 0.00	38.84 2.12 0.00	40.71 2.31 0.00	44.81 2.40 0.00	40.45 2.19 0.00	40.00 2.15 0.00	44.50 2.27 0.00	54.40 2.70 0.00	73.61 3.38 0.00	70.08 3.49 0.00	71.09 3.60 0.00	72.64 3.89 0.00	72.94 4.15 0.00	54.56 3.13 0.00	57.40 3.16 0.00	58.72 2.99 0.00
NYPA____HOLTSVILL 23794	46.09 2.66 0.00	46.49 2.36 0.00	44.81 2.08 0.00	43.29 2.11 0.00	44.68 2.16 0.00	41.26 2.06 0.00	41.31 2.28 0.00	43.60 2.35 0.00	42.65 1.86 -0.48	40.71 1.85 -2.14	40.57 2.17 0.00	44.59 2.18 0.00	40.10 1.85 0.00	39.79 1.94 0.00	44.33 2.10 0.00	54.60 2.89 0.00	100.73 4.17 -26.32	264.78 4.37 -193.82	113.97 4.51 -41.97	149.02 4.56 -75.71	115.46 4.69 -41.99	112.48 3.55 -57.51	112.50 3.79 -54.48	83.01 3.80 -23.50
NYPA____HELLGATE_GT1 24158	45.59 2.17 0.00	46.17 2.04 0.00	44.76 2.03 0.00	43.27 2.08 0.00	44.47 1.96 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.55 2.30 0.00	42.45 2.15 0.00	38.80 2.08 0.00	40.74 2.34 0.00	44.75 2.35 0.00	40.39 2.14 0.00	39.95 2.10 0.00	44.39 2.16 0.00	54.26 2.55 0.00	73.20 2.96 0.00	69.81 3.21 0.00	70.88 3.39 0.00	72.42 3.67 0.00	72.66 3.89 0.00	54.43 3.00 0.00	57.29 3.06 0.00	58.57 2.85 0.00
NYPA____HELLGATE_GT2 24159	45.59 2.17 0.00	46.17 2.04 0.00	44.76 2.03 0.00	43.27 2.08 0.00	44.47 1.96 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.55 2.30 0.00	42.45 2.15 0.00	38.80 2.08 0.00	40.74 2.34 0.00	44.75 2.35 0.00	40.39 2.14 0.00	39.95 2.10 0.00	44.39 2.16 0.00	54.26 2.55 0.00	73.20 2.96 0.00	69.81 3.21 0.00	70.88 3.39 0.00	72.42 3.67 0.00	72.66 3.89 0.00	54.43 3.00 0.00	57.29 3.06 0.00	58.57 2.85 0.00
NYS_BARGE____HYD 23848	42.55 -0.88 0.00	43.38 -0.75 0.00	42.23 -0.50 0.00	40.50 -0.68 0.00	41.79 -0.73 0.00	38.78 -0.42 0.00	38.50 -0.53 0.00	40.37 -0.88 0.00	40.09 -0.22 0.00	36.80 0.08 0.00	38.52 0.12 0.00	42.77 0.36 0.00	38.12 -0.13 0.00	37.67 -0.19 0.00	41.97 -0.26 0.00	50.76 -0.95 0.00	68.91 -1.33 0.00	64.79 -1.80 0.00	65.72 -1.77 0.00	66.00 -2.75 0.00	64.66 -4.12 0.00	48.13 -3.29 0.00	50.85 -3.39 0.00	52.65 -3.07 0.00
OAK ORCHARD____HYD 24046	43.26 -0.16 0.00	44.02 -0.11 0.00	42.73 -0.01 0.00	41.04 -0.14 0.00	42.36 -0.15 0.00	39.19 -0.01 0.00	39.05 0.01 0.00	41.09 -0.16 0.00	40.56 0.26 0.00	37.13 0.41 0.00	38.81 0.40 0.00	43.00 0.60 0.00	38.58 0.32 0.00	38.17 0.32 0.00	42.57 0.33 0.00	51.74 0.04 0.00	70.34 0.10 0.00	66.44 -0.15 0.00	67.35 -0.14 0.00	67.98 -0.76 0.00	67.16 -1.63 0.00	49.98 -1.44 0.00	52.69 -1.55 0.00	54.29 -1.43 0.00

OAKDALE___35_KV_LOAD 356122	43.16 -0.27 0.00	43.87 -0.26 0.00	42.49 -0.24 0.00	40.93 -0.25 0.00	42.30 -0.22 0.00	38.92 -0.28 0.00	38.85 -0.19 0.00	41.06 -0.19 0.00	40.24 -0.06 0.00	36.73 0.01 0.00	38.35 -0.05 0.00	42.51 0.10 0.00	38.26 0.00 0.00	37.82 -0.03 0.00	42.25 0.02 0.00	51.74 0.03 0.00	70.13 -0.11 0.00	66.45 -0.14 0.00	67.32 -0.16 0.00	68.36 -0.39 0.00	68.11 -0.67 0.00	50.80 -0.62 0.00	53.51 -0.73 0.00	54.88 -0.83 0.00
OCC_CHEM___DRP 24175	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
OH_GEN_PROXY 24063	42.15 -1.28 0.00	43.01 -1.13 0.00	41.86 -0.87 0.00	40.13 -1.05 0.00	41.41 -1.11 0.00	-37.71 -0.84 76.07	-3.77 -0.84 41.97	19.93 -1.13 20.18	39.79 -0.51 0.00	36.65 -0.07 0.00	38.40 0.00 0.00	42.62 0.21 0.00	-20.35 -0.28 58.32	37.48 -0.37 0.00	3.22 -0.53 38.49	21.10 -1.28 29.33	68.36 -1.88 0.00	64.23 -2.36 0.00	13.79 -2.29 51.41	65.52 -3.23 0.00	64.27 -4.51 0.00	47.82 -3.60 0.00	50.57 -3.67 0.00	52.35 -3.37 0.00
OLIN_CORP_DRP 24177	42.08 -1.35 0.00	42.93 -1.20 0.00	41.79 -0.94 0.00	40.07 -1.11 0.00	41.34 -1.18 0.00	38.38 -0.82 0.00	38.05 -0.98 0.00	39.83 -1.42 0.00	39.56 -0.75 0.00	36.37 -0.35 0.00	38.10 -0.30 0.00	42.29 -0.11 0.00	37.66 -0.59 0.00	37.18 -0.67 0.00	41.40 -0.83 0.00	50.02 -1.69 0.00	67.91 -2.33 0.00	63.78 -2.81 0.00	64.73 -2.76 0.00	65.01 -3.73 0.00	63.66 -5.12 0.00	47.43 -4.00 0.00	50.12 -4.12 0.00	51.93 -3.79 0.00
OLIN_CORP_DSASP 323712	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
ONEIDA_HERK_LFGE 323681	43.65 0.22 0.00	44.37 0.24 0.00	42.88 0.15 0.00	41.22 0.04 0.00	42.62 0.10 0.00	39.20 0.00 0.00	39.22 0.19 0.00	41.81 0.56 0.00	40.91 0.61 0.00	37.34 0.61 0.00	39.12 0.72 0.00	43.06 0.65 0.00	38.73 0.47 0.00	38.21 0.36 0.00	42.82 0.58 0.00	52.85 1.14 0.00	72.08 1.84 0.00	68.42 1.83 0.00	69.30 1.82 0.00	70.43 1.68 0.00	70.30 1.52 0.00	52.59 1.17 0.00	55.42 1.18 0.00	56.78 1.06 0.00
ONEIDA___115KV_TB4 55905	44.29 0.87 0.00	45.04 0.91 0.00	43.58 0.84 0.00	41.96 0.77 0.00	43.41 0.89 0.00	40.00 0.81 0.00	39.97 0.93 0.00	42.36 1.11 0.00	41.46 1.16 0.00	37.81 1.10 0.00	39.44 1.04 0.00	43.48 1.07 0.00	39.24 0.98 0.00	38.67 0.81 0.00	43.30 1.07 0.00	53.28 1.57 0.00	72.52 2.28 0.00	68.68 2.09 0.00	69.52 2.04 0.00	70.66 1.91 0.00	70.53 1.75 0.00	52.68 1.25 0.00	55.44 1.20 0.00	56.84 1.12 0.00
ONONDAGA_REF_OCCRA 23987	43.22 -0.21 0.00	43.90 -0.23 0.00	42.50 -0.23 0.00	40.94 -0.24 0.00	42.28 -0.24 0.00	38.95 -0.24 0.00	38.77 -0.27 0.00	40.87 -0.38 0.00	40.05 -0.26 0.00	36.52 -0.20 0.00	38.15 -0.26 0.00	42.17 -0.24 0.00	37.99 -0.27 0.00	37.58 -0.28 0.00	41.95 -0.28 0.00	51.40 -0.31 0.00	69.86 -0.38 0.00	66.26 -0.33 0.00	67.13 -0.36 0.00	68.21 -0.54 0.00	68.04 -0.74 0.00	50.78 -0.64 0.00	53.45 -0.79 0.00	54.88 -0.84 0.00
ONONDAGA___COGEN 23986	43.21 -0.22 0.00	43.89 -0.25 0.00	42.49 -0.24 0.00	40.92 -0.26 0.00	42.25 -0.27 0.00	38.94 -0.25 0.00	38.74 -0.30 0.00	40.83 -0.42 0.00	39.99 -0.32 0.00	36.48 -0.25 0.00	38.10 -0.30 0.00	42.11 -0.30 0.00	37.94 -0.31 0.00	37.54 -0.31 0.00	41.93 -0.30 0.00	51.33 -0.37 0.00	69.73 -0.51 0.00	66.13 -0.47 0.00	66.99 -0.50 0.00	68.07 -0.68 0.00	67.90 -0.88 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.80 -0.92 0.00
ONTARIO___LFGE 23819	43.49 0.06 0.00	44.21 0.07 0.00	42.85 0.12 0.00	41.22 0.04 0.00	42.56 0.04 0.00	39.32 0.12 0.00	39.17 0.13 0.00	41.27 0.02 0.00	40.59 0.29 0.00	37.07 0.35 0.00	38.67 0.26 0.00	42.69 0.28 0.00	38.34 0.08 0.00	38.00 0.14 0.00	42.50 0.27 0.00	51.91 0.20 0.00	70.63 0.39 0.00	66.90 0.31 0.00	67.79 0.30 0.00	68.61 -0.13 0.00	68.06 -0.72 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.85 -0.88 0.00
ORANGEVILLE_WT_PWR 323706	41.60 -1.83 0.00	42.37 -1.76 0.00	41.29 -1.45 0.00	39.69 -1.49 0.00	41.14 -1.37 0.00	38.17 -1.03 0.00	38.21 -0.82 0.00	40.40 -0.85 0.00	40.10 -0.20 0.00	36.62 -0.10 0.00	38.28 -0.12 0.00	42.67 0.26 0.00	38.25 0.00 0.00	37.91 0.06 0.00	42.39 0.16 0.00	51.58 -0.12 0.00	69.97 -0.26 0.00	65.94 -0.65 0.00	66.76 -0.73 0.00	66.82 -1.93 0.00	65.27 -3.51 0.00	48.22 -3.20 0.00	50.62 -3.62 0.00	52.24 -3.48 0.00
ORANGEVILLE___ESR 323794	41.60 -1.83 0.00	42.37 -1.76 0.00	41.29 -1.45 0.00	39.69 -1.49 0.00	41.14 -1.37 0.00	38.17 -1.03 0.00	38.21 -0.82 0.00	40.40 -0.85 0.00	40.10 -0.20 0.00	36.62 -0.10 0.00	38.28 -0.12 0.00	42.67 0.26 0.00	38.25 0.00 0.00	37.91 0.06 0.00	42.39 0.16 0.00	51.58 -0.12 0.00	69.97 -0.26 0.00	65.94 -0.65 0.00	66.76 -0.73 0.00	66.82 -1.93 0.00	65.27 -3.51 0.00	48.22 -3.20 0.00	50.62 -3.62 0.00	52.24 -3.48 0.00
OSWEGATCHIE___HYD 24044	42.51 -0.92 0.00	43.37 -0.76 0.00	41.82 -0.92 0.00	40.29 -0.90 0.00	41.59 -0.93 0.00	37.97 -1.23 0.00	37.98 -1.06 0.00	40.68 -0.57 0.00	39.70 -0.60 0.00	36.14 -0.58 0.00	38.05 -0.35 0.00	41.87 -0.54 0.00	37.60 -0.66 0.00	37.09 -0.76 0.00	41.58 -0.65 0.00	51.51 -0.20 0.00	70.17 -0.07 0.00	66.39 -0.20 0.00	67.14 -0.35 0.00	68.38 -0.37 0.00	68.46 -0.32 0.00	51.57 0.14 0.00	54.65 0.42 0.00	56.10 0.38 0.00
OSWEGO___5 23606	42.50 -0.93 0.00	43.19 -0.94 0.00	41.83 -0.91 0.00	40.29 -0.89 0.00	41.59 -0.93 0.00	38.33 -0.87 0.00	38.10 -0.94 0.00	40.13 -1.12 0.00	39.30 -1.01 0.00	35.86 -0.86 0.00	37.48 -0.92 0.00	41.40 -1.00 0.00	37.33 -0.93 0.00	36.93 -0.92 0.00	41.19 -1.04 0.00	50.40 -1.31 0.00	68.46 -1.78 0.00	64.90 -1.69 0.00	65.76 -1.73 0.00	66.85 -1.90 0.00	66.71 -2.07 0.00	49.82 -1.61 0.00	52.50 -1.74 0.00	53.96 -1.76 0.00
OSWEGO___6 23613	42.50 -0.93 0.00	43.19 -0.94 0.00	41.83 -0.91 0.00	40.29 -0.89 0.00	41.59 -0.93 0.00	38.33 -0.87 0.00	38.10 -0.94 0.00	40.13 -1.12 0.00	39.30 -1.01 0.00	35.86 -0.86 0.00	37.48 -0.92 0.00	41.40 -1.00 0.00	37.33 -0.93 0.00	36.93 -0.92 0.00	41.19 -1.04 0.00	50.40 -1.31 0.00	68.46 -1.78 0.00	64.90 -1.69 0.00	65.76 -1.73 0.00	66.85 -1.90 0.00	66.71 -2.07 0.00	49.82 -1.61 0.00	52.50 -1.74 0.00	53.96 -1.76 0.00

OUTOKUMPU-AB___DRP 24206	42.64 -0.78 0.00	43.49 -0.64 0.00	42.33 -0.41 0.00	40.58 -0.60 0.00	41.88 -0.64 0.00	38.84 -0.36 0.00	38.68 -0.35 0.00	40.61 -0.65 0.00	40.32 0.02 0.00	37.06 0.33 0.00	38.83 0.42 0.00	43.13 0.72 0.00	38.43 0.17 0.00	37.96 0.11 0.00	42.28 0.05 0.00	51.09 -0.62 0.00	69.23 -1.01 0.00	65.09 -1.51 0.00	66.03 -1.46 0.00	66.28 -2.46 0.00	64.92 -3.87 0.00	48.32 -3.10 0.00	51.14 -3.10 0.00	52.92 -2.80 0.00
OXBOW___BTM 323836	42.21 -1.22 0.00	43.05 -1.08 0.00	41.91 -0.82 0.00	40.18 -1.00 0.00	41.46 -1.06 0.00	38.45 -0.74 0.00	38.29 -0.75 0.00	40.17 -1.08 0.00	39.89 -0.42 0.00	36.70 -0.03 0.00	38.45 0.04 0.00	42.71 0.30 0.00	38.03 -0.23 0.00	37.55 -0.30 0.00	41.81 -0.42 0.00	50.46 -1.25 0.00	68.27 -1.97 0.00	64.16 -2.43 0.00	65.10 -2.39 0.00	65.37 -3.37 0.00	64.03 -4.75 0.00	47.74 -3.68 0.00	50.56 -3.68 0.00	52.36 -3.36 0.00
OXBOW___ 24026	42.21 -1.21 0.00	43.06 -1.08 0.00	41.91 -0.82 0.00	40.18 -1.00 0.00	41.46 -1.06 0.00	38.45 -0.74 0.00	38.29 -0.74 0.00	40.17 -1.08 0.00	39.89 -0.41 0.00	36.70 -0.03 0.00	38.44 0.04 0.00	42.70 0.29 0.00	38.03 -0.23 0.00	37.55 -0.31 0.00	41.81 -0.42 0.00	50.46 -1.25 0.00	68.27 -1.97 0.00	64.16 -2.43 0.00	65.09 -2.40 0.00	65.38 -3.37 0.00	64.02 -4.76 0.00	47.74 -3.68 0.00	50.55 -3.69 0.00	52.36 -3.36 0.00
OXY_CHEM_DSASP 323612	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
OZONE_PARK_ESR 323760	46.10 2.67 0.00	46.66 2.53 0.00	45.12 2.38 0.00	43.54 2.36 0.00	44.90 2.38 0.00	41.43 2.23 0.00	41.45 2.41 0.00	43.92 2.67 0.00	42.85 2.55 0.00	39.12 2.40 0.00	40.97 2.57 0.00	45.13 2.73 0.00	40.75 2.50 0.00	40.32 2.47 0.00	44.86 2.62 0.00	54.88 3.17 0.00	74.38 4.14 0.00	70.87 4.28 0.00	71.86 4.37 0.00	73.32 4.57 0.00	73.56 4.77 0.00	55.01 3.58 0.00	57.87 3.63 0.00	59.17 3.45 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.02 0.00	39.85 -1.40 0.00	39.57 -0.74 0.00	36.44 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.23 -0.62 0.00	41.43 -0.81 0.00	49.92 -1.79 0.00	67.46 -2.77 0.00	63.34 -3.25 0.00	64.28 -3.21 0.00	64.58 -4.16 0.00	63.25 -5.53 0.00	47.25 -4.18 0.00	50.09 -4.15 0.00	51.93 -3.79 0.00
PACKARD___115KV_DUPONT_184 80571	41.89 -1.54 0.00	42.75 -1.38 0.00	41.64 -1.10 0.00	39.91 -1.28 0.00	41.16 -1.36 0.00	38.19 -1.01 0.00	38.01 -1.03 0.00	39.85 -1.40 0.00	39.56 -0.74 0.00	36.43 -0.29 0.00	38.17 -0.23 0.00	42.38 -0.03 0.00	37.71 -0.54 0.00	37.24 -0.62 0.00	41.43 -0.80 0.00	49.92 -1.79 0.00	67.46 -2.78 0.00	63.35 -3.25 0.00	64.29 -3.20 0.00	64.58 -4.17 0.00	63.25 -5.52 0.00	47.25 -4.18 0.00	50.10 -4.14 0.00	51.93 -3.79 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.50 2.08 0.00	46.12 1.99 0.00	44.71 1.97 0.00	43.17 1.98 0.00	44.42 1.91 0.00	41.03 1.83 0.00	41.02 1.98 0.00	43.48 2.23 0.00	42.39 2.09 0.00	38.72 1.99 0.00	40.60 2.19 0.00	44.64 2.24 0.00	40.29 2.03 0.00	39.85 2.00 0.00	44.29 2.06 0.00	54.17 2.47 0.00	73.28 3.04 0.00	69.91 3.32 0.00	71.00 3.51 0.00	72.52 3.78 0.00	72.73 3.95 0.00	54.43 3.00 0.00	57.26 3.02 0.00	58.55 2.83 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.38 2.95 0.00	47.01 2.88 0.00	45.64 2.90 0.00	44.06 2.88 0.00	45.38 2.86 0.00	41.94 2.74 0.00	41.86 2.82 0.00	44.43 3.18 0.00	43.32 3.02 0.00	39.55 2.83 0.00	41.39 2.99 0.00	45.51 3.10 0.00	41.05 2.79 0.00	40.59 2.74 0.00	45.10 2.87 0.00	55.21 3.51 0.00	74.77 4.53 0.00	71.35 4.76 0.00	72.50 5.01 0.00	73.94 5.20 0.00	74.23 5.45 0.00	55.51 4.08 0.00	58.34 4.10 0.00	59.70 3.99 0.00
PATROON___115KV_TB1 80586	44.72 1.29 0.00	45.33 1.19 0.00	43.89 1.16 0.00	42.35 1.16 0.00	43.71 1.19 0.00	40.26 1.06 0.00	40.15 1.12 0.00	42.39 1.14 0.00	41.43 1.12 0.00	37.73 1.01 0.00	39.42 1.02 0.00	43.47 1.06 0.00	39.34 1.08 0.00	38.95 1.09 0.00	43.45 1.22 0.00	53.19 1.48 0.00	72.05 1.81 0.00	68.49 1.89 0.00	69.31 1.82 0.00	70.57 1.83 0.00	70.82 2.04 0.00	53.17 1.75 0.00	55.97 1.73 0.00	57.45 1.73 0.00
PATTRSNVILLE___SOLAR 323815	44.77 1.35 0.00	45.47 1.34 0.00	44.01 1.27 0.00	42.42 1.24 0.00	43.79 1.28 0.00	40.38 1.18 0.00	40.31 1.27 0.00	42.60 1.35 0.00	41.45 1.14 0.00	37.63 0.91 0.00	39.23 0.83 0.00	43.35 0.94 0.00	39.07 0.82 0.00	38.65 0.79 0.00	43.25 1.02 0.00	53.26 1.55 0.00	72.70 2.46 0.00	69.05 2.46 0.00	69.99 2.50 0.00	71.23 2.48 0.00	71.28 2.50 0.00	53.27 1.85 0.00	56.16 1.92 0.00	57.61 1.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	42.94 -0.49 0.00	43.78 -0.35 0.00	42.57 -0.16 0.00	40.82 -0.36 0.00	42.17 -0.34 0.00	38.99 -0.21 0.00	38.94 -0.09 0.00	41.01 -0.25 0.00	40.66 0.36 0.00	37.38 0.65 0.00	39.18 0.77 0.00	43.49 1.09 0.00	38.83 0.58 0.00	38.36 0.50 0.00	42.75 0.51 0.00	51.81 0.10 0.00	70.20 -0.04 0.00	66.10 -0.49 0.00	67.04 -0.45 0.00	67.35 -1.40 0.00	66.04 -2.74 0.00	49.03 -2.39 0.00	51.83 -2.41 0.00	53.55 -2.18 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.87 2.44 0.00	46.41 2.28 0.00	44.87 2.13 0.00	43.30 2.12 0.00	44.68 2.16 0.00	41.21 2.02 0.00	41.21 2.18 0.00	43.66 2.41 0.00	42.61 2.30 0.00	38.83 2.11 0.00	40.63 2.23 0.00	44.83 2.42 0.00	40.48 2.22 0.00	40.02 2.16 0.00	44.57 2.34 0.00	54.57 2.86 0.00	74.13 3.89 0.00	70.62 4.02 0.00	71.58 4.09 0.00	72.95 4.21 0.00	73.16 4.38 0.00	54.71 3.29 0.00	57.58 3.34 0.00	58.92 3.20 0.00
PEEKSKILL___ 23653	45.34 1.91 0.00	45.88 1.74 0.00	44.35 1.62 0.00	42.80 1.62 0.00	44.17 1.65 0.00	40.74 1.55 0.00	40.72 1.68 0.00	43.12 1.87 0.00	42.05 1.75 0.00	38.34 1.62 0.00	40.12 1.72 0.00	44.25 1.85 0.00	39.95 1.69 0.00	39.51 1.65 0.00	43.98 1.75 0.00	53.84 2.13 0.00	73.04 2.80 0.00	69.58 2.99 0.00	70.54 3.05 0.00	71.92 3.17 0.00	72.16 3.38 0.00	53.98 2.55 0.00	56.83 2.59 0.00	58.16 2.44 0.00
PGE MADISON___WINDPWR 24146	44.34 0.91 0.00	44.81 0.68 0.00	43.21 0.48 0.00	41.75 0.56 0.00	43.41 0.89 0.00	40.42 1.23 0.00	40.38 1.35 0.00	43.12 1.87 0.00	42.35 2.05 0.00	38.46 1.74 0.00	40.01 1.61 0.00	43.80 1.39 0.00	39.35 1.09 0.00	39.42 1.57 0.00	44.92 2.69 0.00	56.00 4.30 0.00	76.93 6.69 0.00	73.40 6.81 0.00	74.37 6.88 0.00	75.39 6.65 0.00	74.99 6.21 0.00	55.65 4.22 0.00	57.85 3.61 0.00	57.89 2.17 0.00

PIERCEFIELD___HYD 23852	43.07 -0.35 0.00	44.13 0.00 0.00	42.72 -0.01 0.00	41.15 -0.04 0.00	42.48 -0.04 0.00	38.98 -0.22 0.00	38.87 -0.16 0.00	41.40 0.15 0.00	40.32 0.01 0.00	36.58 -0.15 0.00	38.35 -0.06 0.00	42.25 -0.15 0.00	38.03 -0.23 0.00	37.62 -0.23 0.00	42.07 -0.17 0.00	51.80 0.09 0.00	70.43 0.19 0.00	66.32 -0.27 0.00	66.92 -0.57 0.00	68.45 -0.29 0.00	68.72 -0.06 0.00	51.62 0.19 0.00	54.91 0.67 0.00	56.50 0.78 0.00
PINELAWN_CC_1 323563	46.23 2.80 0.00	46.69 2.55 0.00	45.01 2.27 0.00	43.45 2.27 0.00	44.86 2.35 0.00	41.42 2.22 0.00	41.46 2.42 0.00	43.79 2.54 0.00	42.47 2.09 -0.08	39.15 2.08 -0.35	40.73 2.33 0.00	44.80 2.39 0.00	40.25 1.99 0.00	39.89 2.04 0.00	44.45 2.22 0.00	54.65 2.95 0.00	76.45 4.17 -2.04	80.31 4.27 -9.45	74.67 4.49 -2.69	77.53 4.51 -4.27	76.27 4.70 -2.79	57.91 3.52 -2.97	60.79 3.71 -2.84	60.43 3.66 -1.05
PJM_GEN_HTTP_PROXY 323702	45.56 2.14 0.00	46.17 2.03 0.00	44.65 1.92 0.00	43.12 1.93 0.00	44.46 1.94 0.00	41.03 1.83 0.00	41.02 1.99 0.00	43.45 2.20 0.00	42.38 2.08 0.00	38.67 1.94 0.00	40.47 2.07 0.00	44.59 2.18 0.00	40.24 1.99 0.00	39.80 1.95 0.00	44.30 2.07 0.00	54.19 2.49 0.00	73.43 3.19 0.00	69.93 3.34 0.00	70.90 3.42 0.00	72.34 3.59 0.00	72.60 3.82 0.00	54.32 2.89 0.00	57.15 2.92 0.00	58.48 2.76 0.00
PJM_GEN_KEystone 24065	43.59 0.16 0.00	44.24 0.10 0.00	42.84 0.11 0.00	41.26 0.09 0.01	42.59 0.07 0.00	39.20 0.04 0.04	35.85 0.16 3.35	41.44 0.19 0.00	40.34 0.35 0.32	37.21 0.49 0.00	38.62 0.54 0.32	43.11 0.70 0.00	38.76 0.50 0.00	38.32 0.46 0.00	42.12 0.43 0.55	49.36 0.33 2.68	51.08 0.17 19.32	58.14 0.15 8.60	55.83 0.16 11.81	42.90 -0.10 25.74	39.54 -0.41 28.83	30.41 -0.42 20.59	33.24 -0.41 20.59	34.66 -0.44 20.62
PJM_GEN_NEPTUNE_PROXY 323594	45.76 2.33 0.00	46.22 2.09 0.00	44.58 1.85 0.00	43.06 1.87 0.00	44.45 1.93 0.00	41.02 1.82 0.00	41.04 2.01 0.00	43.35 2.10 0.00	42.04 1.74 0.00	38.50 1.78 0.00	40.42 2.02 0.00	44.50 2.09 0.00	40.01 1.76 0.00	39.64 1.79 0.00	44.11 1.87 0.00	54.14 2.43 0.00	73.55 3.31 0.00	70.12 3.52 0.00	71.14 3.66 0.00	72.48 3.73 0.00	72.66 3.88 0.00	54.37 2.95 0.00	57.37 3.13 0.00	58.80 3.08 0.00
PJM_GEN_VFT_PROXY 323633	45.44 2.01 0.00	46.02 1.88 0.00	44.50 1.77 0.00	42.96 1.77 0.00	44.31 1.79 0.00	40.89 1.69 0.00	40.87 1.84 0.00	43.34 2.09 0.00	42.28 1.98 0.00	38.58 1.85 0.00	40.37 1.97 0.00	44.48 2.07 0.00	40.16 1.90 0.00	39.73 1.88 0.00	44.20 1.97 0.00	54.08 2.37 0.00	73.30 3.06 0.00	69.82 3.23 0.00	70.81 3.32 0.00	72.25 3.50 0.00	72.53 3.75 0.00	54.26 2.83 0.00	57.08 2.84 0.00	58.39 2.67 0.00
PLATSBURG_115KV_PMLD1 355749	42.97 -0.46 0.00	44.02 -0.11 0.00	42.67 -0.06 0.00	41.15 -0.03 0.00	42.49 -0.03 0.00	39.23 0.03 0.00	39.04 0.00 0.00	41.54 0.29 0.00	40.49 0.19 0.00	36.81 0.09 0.00	38.52 0.12 0.00	42.71 0.31 0.00	38.57 0.32 0.00	38.31 0.46 0.00	42.92 0.69 0.00	52.74 1.04 0.00	72.27 2.03 0.00	68.28 1.69 0.00	69.01 1.52 0.00	70.56 1.81 0.00	70.87 2.08 0.00	52.98 1.55 0.00	55.97 1.73 0.00	57.47 1.75 0.00
PLEASANTVLY___LBMP 24000	45.16 1.74 0.00	45.72 1.59 0.00	44.22 1.49 0.00	42.68 1.50 0.00	44.03 1.51 0.00	40.59 1.39 0.00	40.55 1.51 0.00	42.92 1.67 0.00	41.90 1.59 0.00	38.18 1.46 0.00	39.96 1.56 0.00	44.07 1.66 0.00	39.81 1.55 0.00	39.37 1.52 0.00	43.84 1.60 0.00	53.63 1.93 0.00	72.77 2.53 0.00	69.31 2.71 0.00	70.23 2.74 0.00	71.59 2.84 0.00	71.85 3.07 0.00	53.78 2.36 0.00	56.62 2.38 0.00	58.02 2.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.50 2.08 0.00	46.06 1.93 0.00	44.57 1.83 0.00	43.01 1.82 0.00	44.37 1.86 0.00	40.92 1.73 0.00	40.87 1.84 0.00	43.29 2.04 0.00	42.24 1.94 0.00	38.51 1.78 0.00	40.32 1.92 0.00	44.44 2.04 0.00	40.12 1.87 0.00	39.69 1.84 0.00	44.19 1.96 0.00	54.08 2.37 0.00	73.32 3.09 0.00	69.85 3.26 0.00	70.78 3.32 0.00	72.17 3.43 0.00	72.43 3.64 0.00	54.19 2.77 0.00	57.05 2.81 0.00	58.42 2.70 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.50 2.08 0.00	46.06 1.93 0.00	44.57 1.83 0.00	43.01 1.82 0.00	44.37 1.86 0.00	40.92 1.73 0.00	40.87 1.84 0.00	43.29 2.04 0.00	42.24 1.94 0.00	38.51 1.78 0.00	40.32 1.92 0.00	44.44 2.04 0.00	40.12 1.87 0.00	39.69 1.84 0.00	44.19 1.96 0.00	54.08 2.37 0.00	73.32 3.09 0.00	69.85 3.26 0.00	70.78 3.32 0.00	72.17 3.43 0.00	72.43 3.64 0.00	54.19 2.77 0.00	57.05 2.81 0.00	58.42 2.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.56 2.13 0.00	46.11 1.98 0.00	44.59 1.85 0.00	43.03 1.84 0.00	44.39 1.87 0.00	40.93 1.73 0.00	40.91 1.87 0.00	43.31 2.06 0.00	42.29 1.99 0.00	38.51 1.79 0.00	40.29 1.88 0.00	44.45 2.05 0.00	40.13 1.87 0.00	39.69 1.83 0.00	44.23 2.00 0.00	54.18 2.47 0.00	73.62 3.39 0.00	70.13 3.54 0.00	71.10 3.61 0.00	72.45 3.70 0.00	72.64 3.86 0.00	54.34 2.91 0.00	57.18 2.94 0.00	58.54 2.82 0.00
POLETTI____ 23519	45.11 1.69 0.00	45.64 1.51 0.00	44.36 1.63 0.00	42.99 1.81 0.00	44.06 1.54 0.00	40.62 1.42 0.00	40.62 1.58 0.00	43.07 1.82 0.00	41.98 1.68 0.00	38.57 1.85 0.00	40.53 2.12 0.00	44.48 2.08 0.00	40.17 1.91 0.00	39.73 1.88 0.00	44.10 1.87 0.00	53.66 1.95 0.00	72.37 2.13 0.00	69.02 2.43 0.00	70.09 2.61 0.00	71.63 2.89 0.00	71.87 3.09 0.00	53.87 2.45 0.00	56.67 2.44 0.00	57.91 2.19 0.00
POMONA___ESR 323819	45.35 1.92 0.00	45.88 1.75 0.00	44.35 1.61 0.00	42.80 1.62 0.00	44.17 1.65 0.00	40.75 1.55 0.00	40.72 1.69 0.00	43.12 1.87 0.00	42.05 1.75 0.00	38.33 1.61 0.00	40.10 1.70 0.00	44.25 1.85 0.00	39.95 1.69 0.00	39.51 1.65 0.00	43.98 1.75 0.00	53.86 2.15 0.00	73.07 2.83 0.00	69.59 3.00 0.00	70.56 3.08 0.00	71.94 3.20 0.00	72.17 3.39 0.00	53.97 2.55 0.00	56.82 2.58 0.00	58.15 2.43 0.00
PORT_JEFF_3 23555	46.11 2.68 0.00	46.53 2.39 0.00	44.84 2.11 0.00	43.29 2.11 0.00	44.69 2.18 0.00	41.29 2.09 0.00	41.33 2.30 0.00	43.64 2.39 0.00	42.66 1.90 -0.46	40.60 1.87 -2.01	40.58 2.18 0.00	44.62 2.21 0.00	40.12 1.86 0.00	39.81 1.96 0.00	44.37 2.13 0.00	54.66 2.95 0.00	100.68 4.27 -26.17	267.15 4.33 -196.23	114.07 4.49 -42.08	149.54 4.51 -76.29	115.45 4.63 -42.04	113.06 3.52 -58.12	113.06 3.78 -55.04	83.41 3.84 -23.85
PORT_JEFF_4 23616	46.11 2.68 0.00	46.53 2.39 0.00	44.84 2.11 0.00	43.29 2.11 0.00	44.69 2.18 0.00	41.29 2.09 0.00	41.33 2.30 0.00	43.64 2.39 0.00	42.66 1.90 -0.46	40.60 1.87 -2.01	40.58 2.18 0.00	44.62 2.21 0.00	40.12 1.86 0.00	39.81 1.96 0.00	44.37 2.13 0.00	54.66 2.95 0.00	100.68 4.27 -26.17	267.15 4.33 -196.23	114.07 4.49 -42.08	149.54 4.51 -76.29	115.45 4.63 -42.04	113.06 3.52 -58.12	113.06 3.78 -55.04	83.41 3.84 -23.85

PORT_JEFF_IC 23713	46.18 2.75 0.00	46.58 2.45 0.00	44.89 2.15 0.00	43.35 2.17 0.00	44.75 2.23 0.00	41.34 2.14 0.00	41.39 2.36 0.00	43.70 2.45 0.00	42.62 1.94 -0.37	40.30 1.92 -1.65	40.63 2.23 0.00	44.67 2.26 0.00	40.17 1.91 0.00	39.86 2.01 0.00	44.43 2.20 0.00	54.77 3.07 0.00	100.64 4.43 -25.97	276.38 4.54 -205.25	115.00 4.70 -42.82	152.20 4.74 -78.72	116.23 4.84 -42.61	115.58 3.67 -60.49	115.39 3.91 -57.23	84.80 3.95 -25.14
PPL PILGRIM_ST_GT1 24216	46.50 3.08 0.00	46.93 2.80 0.00	45.22 2.48 0.00	43.66 2.48 0.00	45.07 2.56 0.00	41.61 2.42 0.00	41.69 2.65 0.00	43.98 2.73 0.00	42.94 2.24 -0.40	40.77 2.28 -1.76	40.97 2.57 0.00	45.08 2.67 0.00	40.45 2.19 0.00	40.09 2.24 0.00	44.70 2.46 0.00	54.96 3.25 0.00	82.61 4.55 -7.82	94.10 4.32 -23.18	81.16 4.66 -9.01	86.04 4.66 -12.64	83.24 4.88 -9.58	62.86 3.55 -7.89	65.67 3.79 -7.64	61.65 3.73 -2.20
PPL PILGRIM_ST_GT2 24217	46.50 3.08 0.00	46.93 2.80 0.00	45.22 2.48 0.00	43.66 2.48 0.00	45.07 2.56 0.00	41.61 2.42 0.00	41.69 2.65 0.00	43.98 2.73 0.00	42.94 2.24 -0.40	40.77 2.28 -1.76	40.97 2.57 0.00	45.08 2.67 0.00	40.45 2.19 0.00	40.09 2.24 0.00	44.70 2.46 0.00	54.96 3.25 0.00	82.61 4.55 -7.82	94.10 4.32 -23.18	81.16 4.66 -9.01	86.04 4.66 -12.64	83.24 4.88 -9.58	62.86 3.55 -7.89	65.67 3.79 -7.64	61.65 3.73 -2.20
PPL_SHRM_GT3 24213	46.32 2.90 0.00	46.70 2.57 0.00	45.01 2.27 0.00	43.46 2.28 0.00	44.88 2.36 0.00	41.46 2.27 0.00	41.54 2.50 0.00	43.86 2.61 0.00	42.80 2.06 -0.43	40.57 1.94 -1.91	40.64 2.24 0.00	44.65 2.25 0.00	40.22 1.96 0.00	39.99 2.14 0.00	44.62 2.39 0.00	55.15 3.44 0.00	101.08 5.14 -25.70	266.64 5.42 -194.63	114.52 5.51 -41.52	149.84 5.63 -75.47	115.96 5.72 -41.45	113.35 4.34 -57.59	113.36 4.59 -54.53	83.99 4.58 -23.69
PPL_SHRM_GT4 24214	46.32 2.90 0.00	46.70 2.57 0.00	45.01 2.27 0.00	43.46 2.28 0.00	44.88 2.36 0.00	41.46 2.27 0.00	41.54 2.50 0.00	43.86 2.61 0.00	42.80 2.06 -0.43	40.57 1.94 -1.91	40.64 2.24 0.00	44.65 2.25 0.00	40.22 1.96 0.00	39.99 2.14 0.00	44.62 2.39 0.00	55.15 3.44 0.00	101.08 5.14 -25.70	266.64 5.42 -194.63	114.52 5.51 -41.52	149.84 5.63 -75.47	115.96 5.72 -41.45	113.35 4.34 -57.59	113.36 4.59 -54.53	83.99 4.58 -23.69
PROJECT___ORANGE 1 24174	43.01 -0.42 0.00	43.70 -0.43 0.00	42.31 -0.43 0.00	40.75 -0.43 0.00	42.09 -0.42 0.00	38.78 -0.42 0.00	38.57 -0.47 0.00	40.64 -0.61 0.00	39.82 -0.49 0.00	36.33 -0.39 0.00	37.96 -0.44 0.00	41.97 -0.43 0.00	37.83 -0.43 0.00	37.41 -0.44 0.00	41.75 -0.48 0.00	51.11 -0.60 0.00	69.42 -0.82 0.00	65.82 -0.77 0.00	66.70 -0.79 0.00	67.73 -1.02 0.00	67.56 -1.22 0.00	50.44 -0.99 0.00	53.11 -1.13 0.00	54.55 -1.17 0.00
PROJECT___ORANGE 2 24166	43.01 -0.42 0.00	43.70 -0.43 0.00	42.31 -0.43 0.00	40.75 -0.43 0.00	42.09 -0.42 0.00	38.78 -0.42 0.00	38.57 -0.47 0.00	40.64 -0.61 0.00	39.82 -0.49 0.00	36.33 -0.39 0.00	37.96 -0.44 0.00	41.97 -0.43 0.00	37.83 -0.43 0.00	37.41 -0.44 0.00	41.75 -0.48 0.00	51.11 -0.60 0.00	69.42 -0.82 0.00	65.82 -0.77 0.00	66.70 -0.79 0.00	67.73 -1.02 0.00	67.56 -1.22 0.00	50.44 -0.99 0.00	53.11 -1.13 0.00	54.55 -1.17 0.00
PUCKETT___SOLAR 323809	43.44 0.01 0.00	44.13 0.00 0.00	42.73 -0.01 0.00	41.19 0.01 0.00	42.62 0.10 0.00	39.33 0.13 0.00	39.32 0.28 0.00	41.65 0.40 0.00	40.75 0.45 0.00	37.07 0.35 0.00	38.57 0.17 0.00	42.70 0.29 0.00	38.41 0.15 0.00	38.02 0.16 0.00	42.82 0.59 0.00	52.69 0.98 0.00	71.80 1.56 0.00	68.18 1.59 0.00	69.09 1.60 0.00	70.10 1.36 0.00	69.81 1.03 0.00	51.98 0.56 0.00	54.52 0.28 0.00	55.53 -0.19 0.00
PYRITES___HYD 24023	43.87 0.44 0.00	44.91 0.77 0.00	43.52 0.78 0.00	41.90 0.72 0.00	43.29 0.77 0.00	39.76 0.56 0.00	39.67 0.64 0.00	42.26 1.00 0.00	41.04 0.74 0.00	37.06 0.33 0.00	38.77 0.37 0.00	42.60 0.19 0.00	38.33 0.08 0.00	37.93 0.08 0.00	42.38 0.15 0.00	52.39 0.68 0.00	71.75 1.51 0.00	67.68 1.08 0.00	68.38 0.89 0.00	69.94 1.20 0.00	70.08 1.30 0.00	52.52 1.09 0.00	55.79 1.55 0.00	57.38 1.66 0.00
QUAKERRD_115KV_BK1 80622	42.30 -1.13 0.00	43.03 -1.10 0.00	41.76 -0.98 0.00	40.13 -1.05 0.00	41.42 -1.10 0.00	38.31 -0.89 0.00	38.15 -0.89 0.00	40.16 -1.09 0.00	39.57 -0.73 0.00	36.23 -0.49 0.00	37.89 -0.52 0.00	41.95 -0.46 0.00	37.64 -0.62 0.00	37.24 -0.61 0.00	41.53 -0.70 0.00	50.55 -1.16 0.00	68.71 -1.53 0.00	64.92 -1.68 0.00	65.81 -1.68 0.00	66.54 -2.21 0.00	65.86 -2.92 0.00	49.05 -2.38 0.00	51.67 -2.56 0.00	53.21 -2.51 0.00
QUENSBRY_115KV_TB8 356137	46.74 3.32 0.00	47.25 3.12 0.00	45.82 3.09 0.00	44.19 3.01 0.00	45.59 3.08 0.00	41.95 2.75 0.00	42.05 3.02 0.00	44.57 3.32 0.00	43.53 3.22 0.00	39.45 2.73 0.00	41.17 2.77 0.00	45.40 2.99 0.00	41.01 2.75 0.00	40.59 2.74 0.00	45.40 3.17 0.00	55.82 4.12 0.00	76.60 6.36 0.00	72.81 6.21 0.00	73.63 6.14 0.00	74.87 6.13 0.00	75.12 6.34 0.00	56.11 4.69 0.00	59.19 4.96 0.00	60.67 4.95 0.00
RAMAPO___LBMP 323565	45.15 1.72 0.00	45.68 1.55 0.00	44.14 1.41 0.00	42.61 1.43 0.00	43.98 1.46 0.00	40.57 1.37 0.00	40.54 1.51 0.00	42.92 1.66 0.00	41.85 1.55 0.00	38.15 1.43 0.00	39.90 1.50 0.00	44.04 1.63 0.00	39.76 1.50 0.00	39.32 1.46 0.00	43.75 1.52 0.00	53.59 1.88 0.00	72.71 2.47 0.00	69.26 2.66 0.00	70.23 2.74 0.00	71.60 2.85 0.00	71.81 3.03 0.00	53.71 2.29 0.00	56.54 2.30 0.00	57.88 2.16 0.00
RANKINE____ 23646	42.73 -0.70 0.00	43.59 -0.55 0.00	42.41 -0.32 0.00	40.67 -0.51 0.00	42.03 -0.49 0.00	38.92 -0.27 0.00	38.86 -0.17 0.00	40.91 -0.34 0.00	40.60 0.29 0.00	37.31 0.59 0.00	39.10 0.70 0.00	43.45 1.05 0.00	38.76 0.50 0.00	38.29 0.43 0.00	42.65 0.42 0.00	51.69 -0.01 0.00	70.11 -0.13 0.00	65.98 -0.62 0.00	66.91 -0.58 0.00	67.14 -1.61 0.00	65.72 -3.07 0.00	48.77 -2.66 0.00	51.54 -2.70 0.00	53.31 -2.42 0.00
RAVENSWOOD_GT2_1 24244	45.62 2.19 0.00	46.20 2.06 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.04 1.84 0.00	41.04 2.00 0.00	43.48 2.23 0.00	42.42 2.12 0.00	38.71 1.99 0.00	40.54 2.14 0.00	44.67 2.26 0.00	40.33 2.08 0.00	39.89 2.04 0.00	44.39 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.03 3.44 0.00	71.02 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00
RAVENSWOOD_GT2_2 24245	45.62 2.19 0.00	46.20 2.06 0.00	44.69 1.96 0.00	43.16 1.97 0.00	44.49 1.97 0.00	41.04 1.84 0.00	41.04 2.00 0.00	43.48 2.23 0.00	42.42 2.12 0.00	38.71 1.99 0.00	40.54 2.14 0.00	44.67 2.26 0.00	40.33 2.08 0.00	39.89 2.04 0.00	44.39 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.03 3.44 0.00	71.02 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00



RAVENSWOOD_GT2_3 24246	45.65 2.22 0.00	46.22 2.08 0.00	44.70 1.97 0.00	43.16 1.98 0.00	44.50 1.99 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.50 2.25 0.00	42.44 2.14 0.00	38.73 2.01 0.00	40.56 2.15 0.00	44.70 2.29 0.00	40.35 2.09 0.00	39.91 2.06 0.00	44.40 2.17 0.00	54.31 2.60 0.00	73.57 3.33 0.00	70.07 3.47 0.00	71.05 3.56 0.00	72.51 3.76 0.00	72.78 4.00 0.00	54.44 3.01 0.00	57.28 3.05 0.00	58.60 2.88 0.00
RAVENSWOOD_GT2_4 24247	45.65 2.22 0.00	46.22 2.08 0.00	44.70 1.97 0.00	43.16 1.98 0.00	44.50 1.99 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.50 2.25 0.00	42.44 2.14 0.00	38.73 2.01 0.00	40.56 2.15 0.00	44.70 2.29 0.00	40.35 2.09 0.00	39.91 2.06 0.00	44.40 2.17 0.00	54.31 2.60 0.00	73.57 3.33 0.00	70.07 3.47 0.00	71.05 3.56 0.00	72.51 3.76 0.00	72.78 4.00 0.00	54.44 3.01 0.00	57.28 3.05 0.00	58.60 2.88 0.00
RAVENSWOOD_GT3_1 24248	45.62 2.19 0.00	46.20 2.06 0.00	44.69 1.96 0.00	43.16 1.98 0.00	44.49 1.97 0.00	41.04 1.84 0.00	41.04 2.00 0.00	43.48 2.23 0.00	42.42 2.12 0.00	38.71 1.99 0.00	40.54 2.14 0.00	44.67 2.26 0.00	40.33 2.08 0.00	39.89 2.04 0.00	44.39 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.04 3.45 0.00	71.03 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00
RAVENSWOOD_GT3_2 24249	45.62 2.19 0.00	46.20 2.06 0.00	44.69 1.96 0.00	43.16 1.98 0.00	44.49 1.97 0.00	41.04 1.84 0.00	41.04 2.00 0.00	43.48 2.23 0.00	42.42 2.12 0.00	38.71 1.99 0.00	40.54 2.14 0.00	44.67 2.26 0.00	40.33 2.08 0.00	39.89 2.04 0.00	44.39 2.15 0.00	54.29 2.58 0.00	73.54 3.31 0.00	70.04 3.45 0.00	71.03 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00
RAVENSWOOD_GT3_3 24250	45.69 2.26 0.00	46.27 2.13 0.00	44.75 2.02 0.00	43.20 2.02 0.00	44.55 2.03 0.00	41.10 1.91 0.00	41.10 2.07 0.00	43.54 2.29 0.00	42.48 2.18 0.00	38.78 2.05 0.00	40.61 2.21 0.00	44.74 2.34 0.00	40.39 2.13 0.00	39.96 2.10 0.00	44.46 2.22 0.00	54.37 2.66 0.00	73.67 3.43 0.00	70.14 3.55 0.00	71.13 3.64 0.00	72.59 3.84 0.00	72.85 4.07 0.00	54.50 3.08 0.00	57.34 3.10 0.00	58.67 2.95 0.00
RAVENSWOOD_GT3_4 24251	45.69 2.26 0.00	46.27 2.13 0.00	44.75 2.02 0.00	43.20 2.02 0.00	44.55 2.03 0.00	41.10 1.91 0.00	41.10 2.07 0.00	43.54 2.29 0.00	42.48 2.18 0.00	38.78 2.05 0.00	40.61 2.21 0.00	44.74 2.34 0.00	40.39 2.13 0.00	39.96 2.10 0.00	44.46 2.22 0.00	54.37 2.66 0.00	73.67 3.43 0.00	70.14 3.55 0.00	71.13 3.64 0.00	72.59 3.84 0.00	72.85 4.07 0.00	54.50 3.08 0.00	57.34 3.10 0.00	58.67 2.95 0.00
RAVENSWOOD_GT_1 23729	45.79 2.37 0.00	46.36 2.23 0.00	44.86 2.13 0.00	43.31 2.13 0.00	44.64 2.12 0.00	41.20 2.00 0.00	41.21 2.17 0.00	43.65 2.40 0.00	42.58 2.28 0.00	38.88 2.15 0.00	40.73 2.33 0.00	44.86 2.45 0.00	40.49 2.23 0.00	40.04 2.19 0.00	44.54 2.30 0.00	54.46 2.76 0.00	73.70 3.46 0.00	70.18 3.59 0.00	71.19 3.70 0.00	72.73 3.98 0.00	73.00 4.22 0.00	54.61 3.18 0.00	57.45 3.21 0.00	58.77 3.04 0.00
RAVENSWOOD_GT_10 24258	45.62 2.19 0.00	46.19 2.06 0.00	44.68 1.95 0.00	43.15 1.97 0.00	44.48 1.97 0.00	41.04 1.84 0.00	41.03 2.00 0.00	43.48 2.23 0.00	42.41 2.11 0.00	38.70 1.98 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.32 2.06 0.00	39.88 2.03 0.00	44.39 2.15 0.00	54.28 2.58 0.00	73.54 3.31 0.00	70.04 3.45 0.00	71.02 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00
RAVENSWOOD_GT_11 24259	45.62 2.19 0.00	46.19 2.06 0.00	44.68 1.95 0.00	43.15 1.97 0.00	44.48 1.97 0.00	41.04 1.84 0.00	41.03 2.00 0.00	43.48 2.23 0.00	42.41 2.11 0.00	38.70 1.98 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.32 2.06 0.00	39.88 2.03 0.00	44.39 2.15 0.00	54.28 2.58 0.00	73.54 3.31 0.00	70.04 3.45 0.00	71.02 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00
RAVENSWOOD_GT_4 24252	45.64 2.22 0.00	46.22 2.08 0.00	44.71 1.98 0.00	43.17 1.98 0.00	44.51 1.99 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.50 2.25 0.00	42.44 2.14 0.00	38.73 2.01 0.00	40.58 2.17 0.00	44.69 2.29 0.00	40.35 2.10 0.00	39.91 2.06 0.00	44.40 2.17 0.00	54.30 2.59 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.04 3.55 0.00	72.52 3.77 0.00	72.78 4.00 0.00	54.44 3.02 0.00	57.28 3.05 0.00	58.60 2.88 0.00
RAVENSWOOD_GT_5 24254	45.64 2.22 0.00	46.22 2.08 0.00	44.71 1.98 0.00	43.17 1.98 0.00	44.51 1.99 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.50 2.25 0.00	42.44 2.14 0.00	38.73 2.01 0.00	40.58 2.17 0.00	44.69 2.29 0.00	40.35 2.10 0.00	39.91 2.06 0.00	44.40 2.17 0.00	54.30 2.59 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.04 3.55 0.00	72.52 3.77 0.00	72.78 4.00 0.00	54.44 3.02 0.00	57.28 3.05 0.00	58.60 2.88 0.00
RAVENSWOOD_GT_6 24253	45.64 2.22 0.00	46.22 2.08 0.00	44.71 1.98 0.00	43.17 1.98 0.00	44.51 1.99 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.50 2.25 0.00	42.44 2.14 0.00	38.73 2.01 0.00	40.58 2.17 0.00	44.69 2.29 0.00	40.35 2.10 0.00	39.91 2.06 0.00	44.40 2.17 0.00	54.30 2.59 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.04 3.55 0.00	72.52 3.77 0.00	72.78 4.00 0.00	54.44 3.02 0.00	57.28 3.05 0.00	58.60 2.88 0.00
RAVENSWOOD_GT_7 24255	45.64 2.22 0.00	46.22 2.08 0.00	44.71 1.98 0.00	43.17 1.98 0.00	44.51 1.99 0.00	41.07 1.87 0.00	41.06 2.03 0.00	43.50 2.25 0.00	42.44 2.14 0.00	38.73 2.01 0.00	40.58 2.17 0.00	44.69 2.29 0.00	40.35 2.10 0.00	39.91 2.06 0.00	44.40 2.17 0.00	54.30 2.59 0.00	73.54 3.31 0.00	70.05 3.46 0.00	71.04 3.55 0.00	72.52 3.77 0.00	72.78 4.00 0.00	54.44 3.02 0.00	57.28 3.05 0.00	58.60 2.88 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.62 2.19 0.00	46.19 2.06 0.00	44.68 1.95 0.00	43.15 1.97 0.00	44.48 1.97 0.00	41.04 1.84 0.00	41.03 2.00 0.00	43.48 2.23 0.00	42.41 2.11 0.00	38.70 1.98 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.32 2.06 0.00	39.88 2.03 0.00	44.39 2.15 0.00	54.28 2.58 0.00	73.54 3.31 0.00	70.04 3.45 0.00	71.02 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00
RAVENSWOOD_GT_9 24257	45.62 2.19 0.00	46.19 2.06 0.00	44.68 1.95 0.00	43.15 1.97 0.00	44.48 1.97 0.00	41.04 1.84 0.00	41.03 2.00 0.00	43.48 2.23 0.00	42.41 2.11 0.00	38.70 1.98 0.00	40.54 2.14 0.00	44.66 2.25 0.00	40.32 2.06 0.00	39.88 2.03 0.00	44.39 2.15 0.00	54.28 2.58 0.00	73.54 3.31 0.00	70.04 3.45 0.00	71.02 3.54 0.00	72.46 3.71 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.27 3.03 0.00	58.59 2.87 0.00

RAVENSWOOD___1 23533	45.69 2.26 0.00	46.27 2.14 0.00	44.78 2.05 0.00	43.23 2.05 0.00	44.55 2.03 0.00	41.12 1.92 0.00	41.12 2.09 0.00	43.57 2.31 0.00	42.50 2.19 0.00	38.80 2.07 0.00	40.65 2.24 0.00	44.76 2.35 0.00	40.41 2.15 0.00	39.96 2.11 0.00	44.45 2.22 0.00	54.36 2.65 0.00	73.57 3.33 0.00	70.05 3.46 0.00	71.08 3.59 0.00	72.60 3.85 0.00	72.86 4.08 0.00	54.51 3.09 0.00	57.35 3.11 0.00	58.66 2.94 0.00
RAVENSWOOD___2 23534	45.69 2.26 0.00	46.27 2.14 0.00	44.78 2.05 0.00	43.23 2.05 0.00	44.55 2.03 0.00	41.12 1.92 0.00	41.12 2.09 0.00	43.57 2.31 0.00	42.50 2.19 0.00	38.80 2.07 0.00	40.65 2.24 0.00	44.76 2.35 0.00	40.41 2.15 0.00	39.96 2.11 0.00	44.45 2.22 0.00	54.36 2.65 0.00	73.57 3.33 0.00	70.05 3.46 0.00	71.08 3.59 0.00	72.60 3.85 0.00	72.86 4.08 0.00	54.51 3.09 0.00	57.35 3.11 0.00	58.66 2.94 0.00
RAVENSWOOD___3 23535	45.62 2.19 0.00	46.21 2.08 0.00	44.69 1.96 0.00	43.16 1.98 0.00	44.49 1.97 0.00	41.04 1.85 0.00	41.04 2.01 0.00	43.48 2.23 0.00	42.42 2.12 0.00	38.71 1.99 0.00	40.55 2.14 0.00	44.66 2.26 0.00	40.33 2.07 0.00	39.89 2.04 0.00	44.38 2.15 0.00	54.28 2.58 0.00	73.54 3.31 0.00	70.04 3.45 0.00	71.03 3.54 0.00	72.47 3.72 0.00	72.74 3.96 0.00	54.42 3.00 0.00	57.26 3.03 0.00	58.59 2.87 0.00
RAVENSWOOD___4 23820	45.69 2.26 0.00	46.27 2.14 0.00	44.78 2.05 0.00	43.23 2.05 0.00	44.55 2.03 0.00	41.12 1.92 0.00	41.12 2.09 0.00	43.57 2.31 0.00	42.50 2.19 0.00	38.80 2.07 0.00	40.65 2.24 0.00	44.76 2.35 0.00	40.41 2.15 0.00	39.96 2.11 0.00	44.45 2.22 0.00	54.36 2.65 0.00	73.57 3.33 0.00	70.05 3.46 0.00	71.08 3.59 0.00	72.60 3.85 0.00	72.86 4.08 0.00	54.51 3.09 0.00	57.35 3.11 0.00	58.66 2.94 0.00
RCPL_TRUST___DRP 24196	45.60 2.18 0.00	46.21 2.08 0.00	44.69 1.96 0.00	43.16 1.98 0.00	44.50 1.99 0.00	41.06 1.86 0.00	41.06 2.03 0.00	43.50 2.24 0.00	42.43 2.12 0.00	38.71 1.98 0.00	40.52 2.12 0.00	44.65 2.24 0.00	40.29 2.04 0.00	39.85 2.00 0.00	44.35 2.12 0.00	54.25 2.54 0.00	73.51 3.28 0.00	70.00 3.40 0.00	70.97 3.48 0.00	72.41 3.66 0.00	72.67 3.89 0.00	54.37 2.95 0.00	57.21 2.97 0.00	58.54 2.82 0.00
RED___ROCHESTER 323720	43.55 0.12 0.00	44.29 0.16 0.00	42.99 0.25 0.00	41.29 0.10 0.00	42.61 0.09 0.00	39.43 0.23 0.00	39.29 0.26 0.00	41.37 0.12 0.00	40.83 0.53 0.00	37.38 0.65 0.00	39.07 0.67 0.00	43.30 0.89 0.00	38.85 0.59 0.00	38.45 0.60 0.00	42.89 0.66 0.00	52.16 0.45 0.00	70.93 0.69 0.00	66.99 0.40 0.00	67.94 0.45 0.00	68.56 -0.18 0.00	67.72 -1.06 0.00	50.38 -1.05 0.00	53.09 -1.14 0.00	54.67 -1.05 0.00
REGAN___SOLAR 323812	45.19 1.76 0.00	45.93 1.80 0.00	44.45 1.72 0.00	42.82 1.64 0.00	44.22 1.71 0.00	40.83 1.63 0.00	40.78 1.74 0.00	43.14 1.89 0.00	41.98 1.68 0.00	38.00 1.28 0.00	39.21 0.81 0.00	43.44 1.04 0.00	38.96 0.70 0.00	38.72 0.87 0.00	43.57 1.33 0.00	53.87 2.16 0.00	73.89 3.65 0.00	70.23 3.64 0.00	71.19 3.70 0.00	72.43 3.69 0.00	72.31 3.53 0.00	53.93 2.50 0.00	56.82 2.58 0.00	58.20 2.48 0.00
RENSSELAER___COGEN 23796	44.47 1.05 0.00	45.10 0.97 0.00	43.67 0.94 0.00	42.14 0.95 0.00	43.48 0.96 0.00	40.05 0.85 0.00	39.94 0.90 0.00	42.18 0.93 0.00	41.19 0.89 0.00	37.51 0.78 0.00	39.19 0.79 0.00	43.21 0.80 0.00	39.08 0.82 0.00	38.70 0.85 0.00	43.16 0.92 0.00	52.82 1.11 0.00	71.57 1.33 0.00	68.02 1.43 0.00	68.85 1.37 0.00	70.12 1.37 0.00	70.39 1.61 0.00	52.84 1.42 0.00	55.64 1.40 0.00	57.13 1.42 0.00
REPUBLIC_115KV_BARTNBK 55605	48.99 5.56 0.00	49.30 5.17 0.00	47.97 5.24 0.00	46.16 4.98 0.00	47.57 5.06 0.00	43.67 4.47 0.00	44.04 5.00 0.00	46.87 5.62 0.00	45.52 5.22 0.00	41.02 4.29 0.00	42.99 4.59 0.00	47.42 5.01 0.00	42.91 4.65 0.00	42.65 4.79 0.00	47.60 5.37 0.00	58.44 6.74 0.00	81.59 11.35 0.00	77.60 11.00 0.00	78.55 11.06 0.00	79.64 10.90 0.00	79.72 10.94 0.00	59.38 7.96 0.00	62.66 8.42 0.00	64.29 8.58 0.00
REVERE_CPPR_DRP 24186	44.49 1.06 0.00	45.25 1.11 0.00	43.76 1.02 0.00	42.06 0.87 0.00	43.53 1.02 0.00	40.09 0.89 0.00	40.11 1.08 0.00	42.61 1.36 0.00	41.71 1.41 0.00	38.02 1.30 0.00	39.72 1.31 0.00	43.72 1.32 0.00	39.41 1.16 0.00	38.84 0.99 0.00	43.56 1.33 0.00	53.69 1.98 0.00	73.15 2.91 0.00	69.37 2.77 0.00	70.20 2.72 0.00	71.34 2.59 0.00	71.18 2.40 0.00	53.19 1.76 0.00	56.01 1.78 0.00	57.37 1.65 0.00
REYNLDPA_13_KV_LD 356490	43.55 0.12 0.00	44.45 0.32 0.00	43.05 0.32 0.00	41.47 0.29 0.00	42.82 0.31 0.00	39.52 0.32 0.00	39.35 0.32 0.00	41.73 0.48 0.00	40.67 0.37 0.00	36.97 0.24 0.00	38.69 0.28 0.00	42.72 0.31 0.00	38.53 0.27 0.00	38.14 0.29 0.00	42.60 0.36 0.00	52.19 0.48 0.00	71.03 0.80 0.00	67.09 0.49 0.00	68.01 0.53 0.00	69.53 0.78 0.00	69.54 0.76 0.00	51.92 0.49 0.00	54.96 0.72 0.00	56.56 0.84 0.00
REYNOLDS_115KV_TB3 80639	44.65 1.23 0.00	45.29 1.15 0.00	43.86 1.12 0.00	42.32 1.14 0.00	43.67 1.16 0.00	40.20 1.00 0.00	40.09 1.05 0.00	42.31 1.05 0.00	41.34 1.04 0.00	37.63 0.91 0.00	39.34 0.94 0.00	43.36 0.95 0.00	39.24 0.99 0.00	38.86 1.01 0.00	43.35 1.12 0.00	53.04 1.33 0.00	71.94 1.70 0.00	68.37 1.78 0.00	69.18 1.70 0.00	70.47 1.73 0.00	70.78 2.00 0.00	53.09 1.67 0.00	55.92 1.68 0.00	57.44 1.72 0.00
RIVERBAY____ 323610	46.38 2.95 0.00	47.01 2.88 0.00	45.64 2.90 0.00	44.06 2.88 0.00	45.38 2.86 0.00	41.94 2.74 0.00	41.86 2.82 0.00	44.43 3.18 0.00	43.32 3.02 0.00	39.55 2.83 0.00	41.39 2.99 0.00	45.51 3.10 0.00	41.05 2.79 0.00	40.59 2.74 0.00	45.10 2.87 0.00	55.21 3.51 0.00	74.77 4.53 0.00	71.35 4.76 0.00	72.50 5.01 0.00	73.94 5.20 0.00	74.23 5.45 0.00	55.51 4.08 0.00	58.34 4.10 0.00	59.70 3.99 0.00
RIVERSDE_115KV_TB3 55908	44.61 1.18 0.00	45.23 1.10 0.00	43.80 1.07 0.00	42.26 1.08 0.00	43.61 1.10 0.00	40.15 0.96 0.00	40.05 1.02 0.00	42.27 1.02 0.00	41.30 1.00 0.00	37.61 0.89 0.00	39.30 0.90 0.00	43.33 0.92 0.00	39.21 0.96 0.00	38.82 0.97 0.00	43.30 1.07 0.00	53.00 1.29 0.00	71.83 1.59 0.00	68.28 1.68 0.00	69.11 1.62 0.00	70.37 1.63 0.00	70.66 1.88 0.00	53.02 1.59 0.00	55.83 1.59 0.00	57.34 1.62 0.00
ROARING___BROOK_WT_PWR 323790	42.68 -0.75 0.00	43.35 -0.79 0.00	41.99 -0.75 0.00	40.44 -0.74 0.00	41.76 -0.76 0.00	38.51 -0.69 0.00	38.39 -0.65 0.00	40.75 -0.50 0.00	39.79 -0.51 0.00	36.48 -0.24 0.00	38.31 -0.10 0.00	42.28 -0.13 0.00	38.07 -0.18 0.00	37.76 -0.09 0.00	42.17 -0.07 0.00	51.70 -0.01 0.00	70.32 0.08 0.00	66.62 0.03 0.00	67.52 0.03 0.00	68.80 0.06 0.00	68.81 0.02 0.00	51.43 0.01 0.00	54.21 -0.03 0.00	55.64 -0.08 0.00

ROCHESRG_115KV_T4 355643	43.05 -0.38 0.00	43.81 -0.32 0.00	42.53 -0.21 0.00	40.85 -0.34 0.00	42.16 -0.36 0.00	38.99 -0.20 0.00	38.85 -0.19 0.00	40.89 -0.37 0.00	40.34 0.04 0.00	36.95 0.23 0.00	38.64 0.24 0.00	42.81 0.40 0.00	38.39 0.13 0.00	37.96 0.10 0.00	42.32 0.09 0.00	51.45 -0.25 0.00	69.90 -0.33 0.00	65.99 -0.60 0.00	66.93 -0.56 0.00	67.56 -1.19 0.00	66.75 -2.03 0.00	49.69 -1.74 0.00	52.41 -1.83 0.00	54.02 -1.70 0.00
ROCHESTER_9_IC 23652	43.36 -0.07 0.00	44.12 -0.01 0.00	42.82 0.08 0.00	41.13 -0.06 0.00	42.45 -0.07 0.00	39.27 0.07 0.00	39.14 0.10 0.00	41.19 -0.06 0.00	40.65 0.35 0.00	37.22 0.50 0.00	38.91 0.51 0.00	43.13 0.72 0.00	38.67 0.42 0.00	38.26 0.41 0.00	42.68 0.45 0.00	51.89 0.18 0.00	70.54 0.31 0.00	66.61 0.02 0.00	67.54 0.06 0.00	68.17 -0.57 0.00	67.35 -1.44 0.00	50.12 -1.31 0.00	52.83 -1.41 0.00	54.42 -1.30 0.00
ROCKVIEW_13_KV_LD 356306	45.72 2.29 0.00	46.27 2.13 0.00	44.73 2.00 0.00	43.17 1.99 0.00	44.55 2.03 0.00	41.08 1.88 0.00	41.07 2.04 0.00	43.49 2.24 0.00	42.42 2.12 0.00	38.70 1.97 0.00	40.52 2.12 0.00	44.67 2.27 0.00	40.33 2.08 0.00	39.90 2.04 0.00	44.41 2.17 0.00	54.34 2.63 0.00	73.64 3.40 0.00	70.12 3.53 0.00	71.10 3.61 0.00	72.50 3.75 0.00	72.75 3.97 0.00	54.43 3.01 0.00	57.30 3.06 0.00	58.65 2.93 0.00
ROME____115KV_TB2 80656	44.49 1.06 0.00	45.25 1.11 0.00	43.76 1.02 0.00	42.06 0.87 0.00	43.53 1.02 0.00	40.09 0.89 0.00	40.11 1.08 0.00	42.61 1.36 0.00	41.71 1.41 0.00	38.02 1.30 0.00	39.72 1.31 0.00	43.72 1.32 0.00	39.41 1.16 0.00	38.84 0.99 0.00	43.56 1.33 0.00	53.69 1.98 0.00	73.15 2.91 0.00	69.37 2.77 0.00	70.20 2.72 0.00	71.34 2.59 0.00	71.18 2.40 0.00	53.19 1.76 0.00	56.01 1.78 0.00	57.37 1.65 0.00
ROSETON___1 23587	45.11 1.69 0.00	45.67 1.53 0.00	44.16 1.42 0.00	42.62 1.44 0.00	43.97 1.45 0.00	40.55 1.35 0.00	40.51 1.47 0.00	42.88 1.63 0.00	41.84 1.54 0.00	38.14 1.41 0.00	39.90 1.50 0.00	44.04 1.63 0.00	39.76 1.50 0.00	39.31 1.46 0.00	43.77 1.53 0.00	53.56 1.86 0.00	72.67 2.43 0.00	69.19 2.60 0.00	70.12 2.64 0.00	71.49 2.74 0.00	71.73 2.95 0.00	53.67 2.25 0.00	56.51 2.27 0.00	57.90 2.18 0.00
ROSETON___2 23588	45.11 1.69 0.00	45.67 1.53 0.00	44.16 1.42 0.00	42.62 1.44 0.00	43.97 1.45 0.00	40.55 1.35 0.00	40.51 1.47 0.00	42.88 1.63 0.00	41.84 1.54 0.00	38.14 1.41 0.00	39.90 1.50 0.00	44.04 1.63 0.00	39.76 1.50 0.00	39.31 1.46 0.00	43.77 1.53 0.00	53.56 1.86 0.00	72.67 2.43 0.00	69.19 2.60 0.00	70.12 2.64 0.00	71.49 2.74 0.00	71.73 2.95 0.00	53.67 2.25 0.00	56.51 2.27 0.00	57.90 2.18 0.00
ROTRRDAM_115KV_TB3 80664	44.78 1.35 0.00	45.42 1.29 0.00	43.97 1.23 0.00	42.39 1.21 0.00	43.75 1.23 0.00	40.31 1.12 0.00	40.24 1.20 0.00	42.54 1.29 0.00	41.52 1.22 0.00	37.78 1.05 0.00	39.46 1.05 0.00	43.55 1.14 0.00	39.31 1.05 0.00	38.89 1.04 0.00	43.43 1.19 0.00	53.24 1.53 0.00	72.40 2.17 0.00	68.77 2.18 0.00	69.67 2.18 0.00	70.94 2.20 0.00	71.09 2.31 0.00	53.20 1.78 0.00	56.08 1.85 0.00	57.56 1.84 0.00
RUSSELL___1 23602	43.55 0.12 0.00	44.30 0.16 0.00	42.98 0.25 0.00	41.29 0.11 0.00	42.61 0.09 0.00	39.42 0.23 0.00	39.30 0.26 0.00	41.37 0.12 0.00	40.83 0.53 0.00	37.38 0.65 0.00	39.07 0.67 0.00	43.30 0.90 0.00	38.85 0.59 0.00	38.45 0.59 0.00	42.89 0.66 0.00	52.15 0.45 0.00	70.93 0.69 0.00	66.99 0.40 0.00	67.93 0.45 0.00	68.56 -0.18 0.00	67.72 -1.06 0.00	50.39 -1.04 0.00	53.09 -1.15 0.00	54.67 -1.05 0.00
RUSSELL___2 23532	43.55 0.12 0.00	44.30 0.16 0.00	42.98 0.25 0.00	41.29 0.11 0.00	42.61 0.09 0.00	39.42 0.23 0.00	39.30 0.26 0.00	41.37 0.12 0.00	40.83 0.53 0.00	37.38 0.65 0.00	39.07 0.67 0.00	43.30 0.90 0.00	38.85 0.59 0.00	38.45 0.59 0.00	42.89 0.66 0.00	52.15 0.45 0.00	70.93 0.69 0.00	66.99 0.40 0.00	67.93 0.45 0.00	68.56 -0.18 0.00	67.72 -1.06 0.00	50.39 -1.04 0.00	53.09 -1.15 0.00	54.67 -1.05 0.00
RUSSELL___3 23549	43.55 0.12 0.00	44.30 0.16 0.00	42.98 0.25 0.00	41.29 0.11 0.00	42.61 0.09 0.00	39.42 0.23 0.00	39.30 0.26 0.00	41.37 0.12 0.00	40.83 0.53 0.00	37.38 0.65 0.00	39.07 0.67 0.00	43.30 0.90 0.00	38.85 0.59 0.00	38.45 0.59 0.00	42.89 0.66 0.00	52.15 0.45 0.00	70.93 0.69 0.00	66.99 0.40 0.00	67.93 0.45 0.00	68.56 -0.18 0.00	67.72 -1.06 0.00	50.39 -1.04 0.00	53.09 -1.15 0.00	54.67 -1.05 0.00
RUSSELL___4 23556	43.55 0.12 0.00	44.30 0.16 0.00	42.98 0.25 0.00	41.29 0.11 0.00	42.61 0.09 0.00	39.42 0.23 0.00	39.30 0.26 0.00	41.37 0.12 0.00	40.83 0.53 0.00	37.38 0.65 0.00	39.07 0.67 0.00	43.30 0.90 0.00	38.85 0.59 0.00	38.45 0.59 0.00	42.89 0.66 0.00	52.15 0.45 0.00	70.93 0.69 0.00	66.99 0.40 0.00	67.93 0.45 0.00	68.56 -0.18 0.00	67.72 -1.06 0.00	50.39 -1.04 0.00	53.09 -1.15 0.00	54.67 -1.05 0.00
RUSSELL___STATION 23914	43.55 0.12 0.00	44.30 0.16 0.00	42.98 0.25 0.00	41.29 0.11 0.00	42.61 0.09 0.00	39.42 0.23 0.00	39.30 0.26 0.00	41.37 0.12 0.00	40.83 0.53 0.00	37.38 0.65 0.00	39.07 0.67 0.00	43.30 0.90 0.00	38.85 0.59 0.00	38.45 0.59 0.00	42.89 0.66 0.00	52.15 0.45 0.00	70.93 0.69 0.00	66.99 0.40 0.00	67.93 0.45 0.00	68.56 -0.18 0.00	67.72 -1.06 0.00	50.39 -1.04 0.00	53.09 -1.15 0.00	54.67 -1.05 0.00
S SALMON___HYD 24043	42.45 -0.98 0.00	43.13 -1.01 0.00	41.69 -1.05 0.00	40.10 -1.09 0.00	41.39 -1.13 0.00	38.03 -1.17 0.00	37.90 -1.14 0.00	40.24 -1.01 0.00	39.36 -0.94 0.00	35.99 -0.74 0.00	37.63 -0.77 0.00	41.56 -0.85 0.00	37.35 -0.91 0.00	36.82 -1.03 0.00	41.22 -1.01 0.00	50.90 -0.80 0.00	69.43 -0.81 0.00	65.85 -0.74 0.00	66.73 -0.76 0.00	67.73 -1.02 0.00	67.52 -1.26 0.00	50.51 -0.91 0.00	53.20 -1.04 0.00	54.69 -1.04 0.00
S.PERRY__115KV_TB1 80734	44.07 0.65 0.00	44.76 0.63 0.00	43.54 0.81 0.00	41.89 0.70 0.00	43.39 0.87 0.00	40.14 0.95 0.00	40.17 1.13 0.00	42.49 1.24 0.00	42.03 1.72 0.00	38.16 1.43 0.00	39.80 1.40 0.00	44.24 1.83 0.00	39.76 1.51 0.00	39.47 1.62 0.00	44.19 1.96 0.00	53.96 2.26 0.00	73.55 3.31 0.00	69.55 2.96 0.00	70.47 2.98 0.00	70.76 2.01 0.00	69.39 0.61 0.00	51.36 -0.07 0.00	53.79 -0.45 0.00	55.24 -0.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	42.52 -0.91 0.00	43.39 -0.75 0.00	42.21 -0.53 0.00	40.48 -0.70 0.00	41.80 -0.72 0.00	38.72 -0.47 0.00	38.61 -0.43 0.00	40.58 -0.67 0.00	40.27 -0.03 0.00	37.05 0.33 0.00	38.83 0.43 0.00	43.12 0.71 0.00	38.43 0.17 0.00	37.96 0.11 0.00	42.26 0.03 0.00	51.13 -0.58 0.00	69.33 -0.91 0.00	65.19 -1.40 0.00	66.15 -1.34 0.00	66.40 -2.35 0.00	65.04 -3.74 0.00	48.33 -3.09 0.00	51.11 -3.13 0.00	52.89 -2.83 0.00

SAWYER___23_KV_LOAD 55526	42.52 -0.91 0.00	43.39 -0.75 0.00	42.21 -0.53 0.00	40.48 -0.70 0.00	41.80 -0.72 0.00	38.72 -0.47 0.00	38.61 -0.43 0.00	40.58 -0.67 0.00	40.27 -0.03 0.00	37.05 0.33 0.00	38.83 0.43 0.00	43.12 0.71 0.00	38.43 0.17 0.00	37.96 0.11 0.00	42.26 0.03 0.00	51.13 -0.58 0.00	69.33 -0.91 0.00	65.19 -1.40 0.00	66.15 -1.34 0.00	66.40 -2.35 0.00	65.04 -3.74 0.00	48.33 -3.09 0.00	51.11 -3.13 0.00	52.89 -2.83 0.00
SELKIRK___I 23801	44.76 1.33 0.00	45.38 1.25 0.00	43.93 1.20 0.00	42.38 1.20 0.00	43.76 1.24 0.00	40.31 1.11 0.00	40.19 1.16 0.00	42.44 1.19 0.00	41.43 1.13 0.00	37.69 0.97 0.00	39.28 0.88 0.00	43.34 0.93 0.00	39.16 0.90 0.00	38.73 0.88 0.00	43.25 1.01 0.00	53.07 1.36 0.00	71.98 1.74 0.00	68.37 1.77 0.00	69.22 1.73 0.00	70.48 1.74 0.00	70.71 1.93 0.00	53.04 1.61 0.00	55.88 1.64 0.00	57.39 1.67 0.00
SELKIRK___II 23799	44.49 1.06 0.00	45.11 0.98 0.00	43.67 0.94 0.00	42.13 0.95 0.00	43.49 0.97 0.00	40.05 0.86 0.00	39.95 0.91 0.00	42.20 0.95 0.00	41.22 0.92 0.00	37.53 0.81 0.00	39.21 0.82 0.00	43.25 0.84 0.00	39.09 0.83 0.00	38.69 0.84 0.00	43.15 0.92 0.00	52.82 1.11 0.00	71.59 1.35 0.00	68.03 1.44 0.00	68.89 1.40 0.00	70.17 1.43 0.00	70.41 1.63 0.00	52.81 1.39 0.00	55.61 1.37 0.00	57.11 1.39 0.00
SENECA OSWGO___HYD 24041	42.41 -1.01 0.00	43.07 -1.06 0.00	41.71 -1.03 0.00	40.18 -1.01 0.00	41.48 -1.04 0.00	38.22 -0.98 0.00	37.98 -1.06 0.00	40.02 -1.23 0.00	39.18 -1.12 0.00	35.77 -0.95 0.00	37.39 -1.01 0.00	41.30 -1.11 0.00	37.22 -1.03 0.00	36.78 -1.07 0.00	41.10 -1.13 0.00	50.30 -1.40 0.00	68.38 -1.86 0.00	64.84 -1.75 0.00	65.68 -1.80 0.00	66.73 -2.02 0.00	66.58 -2.20 0.00	49.72 -1.70 0.00	52.37 -1.87 0.00	53.82 -1.89 0.00
SENECA___115KV_TB3 355854	42.80 -0.63 0.00	43.65 -0.48 0.00	42.47 -0.26 0.00	40.75 -0.43 0.00	42.10 -0.42 0.00	38.98 -0.22 0.00	38.92 -0.11 0.00	40.98 -0.27 0.00	40.66 0.35 0.00	37.37 0.65 0.00	39.16 0.76 0.00	43.51 1.11 0.00	38.82 0.57 0.00	38.36 0.51 0.00	42.73 0.49 0.00	51.78 0.07 0.00	70.22 -0.02 0.00	66.11 -0.49 0.00	67.04 -0.45 0.00	67.24 -1.50 0.00	65.84 -2.94 0.00	48.84 -2.58 0.00	51.64 -2.60 0.00	53.40 -2.32 0.00
SENECA___ENERGY 23797	43.29 -0.14 0.00	44.03 -0.10 0.00	42.66 -0.07 0.00	41.06 -0.12 0.00	42.38 -0.14 0.00	39.13 -0.07 0.00	38.96 -0.07 0.00	41.05 -0.20 0.00	40.32 0.01 0.00	36.85 0.12 0.00	38.43 0.03 0.00	42.39 -0.02 0.00	38.14 -0.12 0.00	37.80 -0.06 0.00	42.27 0.04 0.00	51.65 -0.05 0.00	70.24 0.00 0.00	66.56 -0.03 0.00	67.43 -0.06 0.00	68.32 -0.43 0.00	67.86 -0.92 0.00	50.53 -0.89 0.00	53.20 -1.04 0.00	54.66 -1.06 0.00
SHOEMAKER___GT 23640	44.93 1.50 0.00	45.49 1.36 0.00	43.99 1.26 0.00	42.44 1.26 0.00	43.81 1.29 0.00	40.40 1.20 0.00	40.35 1.32 0.00	42.71 1.46 0.00	41.64 1.34 0.00	37.88 1.16 0.00	39.56 1.16 0.00	43.78 1.37 0.00	39.50 1.24 0.00	39.02 1.16 0.00	43.45 1.22 0.00	53.29 1.58 0.00	72.47 2.24 0.00	69.00 2.40 0.00	69.91 2.43 0.00	71.26 2.51 0.00	71.45 2.67 0.00	53.45 2.02 0.00	56.24 2.00 0.00	57.61 1.89 0.00
SHOEMAKR_138KV_BK 111 55601	44.91 1.48 0.00	45.47 1.34 0.00	43.97 1.24 0.00	42.43 1.24 0.00	43.78 1.27 0.00	40.38 1.18 0.00	40.34 1.31 0.00	42.69 1.44 0.00	41.64 1.33 0.00	37.89 1.17 0.00	39.59 1.19 0.00	43.80 1.39 0.00	39.53 1.27 0.00	39.05 1.20 0.00	43.47 1.24 0.00	53.29 1.58 0.00	72.42 2.18 0.00	68.95 2.36 0.00	69.89 2.40 0.00	71.22 2.48 0.00	71.39 2.61 0.00	53.41 1.98 0.00	56.23 1.99 0.00	57.58 1.86 0.00
SHOREHAM_IC_1 23715	46.32 2.90 0.00	46.70 2.57 0.00	45.01 2.27 0.00	43.46 2.28 0.00	44.88 2.36 0.00	41.46 2.27 0.00	41.54 2.50 0.00	43.86 2.61 0.00	42.80 2.06 -0.43	40.57 1.94 -1.91	40.64 2.24 0.00	44.65 2.25 0.00	40.22 1.96 0.00	39.99 2.14 0.00	44.62 2.39 0.00	55.15 3.44 0.00	101.08 5.14 -25.70	266.64 5.42 -194.63	114.52 5.51 -41.52	149.84 5.63 -75.47	115.96 5.72 -41.45	113.35 4.34 -57.59	113.36 4.59 -54.53	83.99 4.58 -23.69
SHOREHAM_IC_2 23716	46.32 2.90 0.00	46.70 2.57 0.00	45.01 2.28 0.00	43.46 2.28 0.00	44.88 2.36 0.00	41.47 2.27 0.00	41.54 2.50 0.00	43.86 2.61 0.00	42.80 2.07 -0.43	40.57 1.94 -1.91	40.64 2.24 0.00	44.65 2.25 0.00	40.22 1.96 0.00	39.99 2.14 0.00	44.62 2.39 0.00	55.15 3.44 0.00	101.07 5.13 -25.70	266.64 5.42 -194.63	114.52 5.51 -41.52	149.84 5.63 -75.47	115.96 5.72 -41.45	113.36 4.34 -57.59	113.36 4.59 -54.53	83.99 4.58 -23.69
SISSONVILLE____ 23735	43.07 -0.35 0.00	44.13 0.00 0.00	42.72 -0.01 0.00	41.15 -0.04 0.00	42.48 -0.04 0.00	38.98 -0.22 0.00	38.87 -0.16 0.00	41.40 0.15 0.00	40.32 0.01 0.00	36.58 -0.15 0.00	38.35 -0.06 0.00	42.25 -0.15 0.00	38.03 -0.23 0.00	37.62 -0.23 0.00	42.07 -0.17 0.00	51.80 0.09 0.00	70.43 0.19 0.00	66.32 -0.27 0.00	66.92 -0.57 0.00	68.45 -0.29 0.00	68.72 -0.06 0.00	51.62 0.19 0.00	54.91 0.67 0.00	56.50 0.78 0.00
SITHE_IND_GS1 24169	42.24 -1.19 0.00	42.94 -1.20 0.00	41.58 -1.16 0.00	40.05 -1.13 0.00	41.36 -1.16 0.00	38.10 -1.09 0.00	37.82 -1.22 0.00	39.78 -1.47 0.00	38.95 -1.36 0.00	35.54 -1.18 0.00	37.17 -1.24 0.00	41.04 -1.37 0.00	37.02 -1.24 0.00	36.62 -1.23 0.00	40.84 -1.40 0.00	49.94 -1.77 0.00	67.83 -2.41 0.00	64.30 -2.29 0.00	65.15 -2.34 0.00	66.24 -2.50 0.00	66.12 -2.66 0.00	49.38 -2.04 0.00	52.05 -2.19 0.00	53.52 -2.20 0.00
SITHE_IND_GS2 24170	42.24 -1.19 0.00	42.94 -1.20 0.00	41.58 -1.16 0.00	40.05 -1.13 0.00	41.36 -1.16 0.00	38.10 -1.09 0.00	37.82 -1.22 0.00	39.78 -1.47 0.00	38.95 -1.36 0.00	35.54 -1.18 0.00	37.17 -1.24 0.00	41.04 -1.37 0.00	37.02 -1.24 0.00	36.62 -1.23 0.00	40.84 -1.40 0.00	49.94 -1.77 0.00	67.83 -2.41 0.00	64.30 -2.29 0.00	65.15 -2.34 0.00	66.24 -2.50 0.00	66.12 -2.66 0.00	49.38 -2.04 0.00	52.05 -2.19 0.00	53.52 -2.20 0.00
SITHE_IND_GS3 24171	42.24 -1.19 0.00	42.94 -1.20 0.00	41.58 -1.16 0.00	40.05 -1.13 0.00	41.36 -1.16 0.00	38.10 -1.09 0.00	37.82 -1.22 0.00	39.78 -1.47 0.00	38.95 -1.36 0.00	35.54 -1.18 0.00	37.17 -1.24 0.00	41.04 -1.37 0.00	37.02 -1.24 0.00	36.62 -1.23 0.00	40.84 -1.40 0.00	49.94 -1.77 0.00	67.83 -2.41 0.00	64.30 -2.29 0.00	65.15 -2.34 0.00	66.24 -2.50 0.00	66.12 -2.66 0.00	49.38 -2.04 0.00	52.05 -2.19 0.00	53.52 -2.20 0.00
SITHE_IND_GS4 24172	42.24 -1.19 0.00	42.94 -1.20 0.00	41.58 -1.16 0.00	40.05 -1.13 0.00	41.36 -1.16 0.00	38.10 -1.09 0.00	37.82 -1.22 0.00	39.78 -1.47 0.00	38.95 -1.36 0.00	35.54 -1.18 0.00	37.17 -1.24 0.00	41.04 -1.37 0.00	37.02 -1.24 0.00	36.62 -1.23 0.00	40.84 -1.40 0.00	49.94 -1.77 0.00	67.83 -2.41 0.00	64.30 -2.29 0.00	65.15 -2.34 0.00	66.24 -2.50 0.00	66.12 -2.66 0.00	49.38 -2.04 0.00	52.05 -2.19 0.00	53.52 -2.20 0.00

SITHE___BATAVIA 24024	43.87 0.44 0.00	44.68 0.54 0.00	43.42 0.69 0.00	41.65 0.46 0.00	43.01 0.49 0.00	39.88 0.68 0.00	39.71 0.67 0.00	41.73 0.48 0.00	41.33 1.03 0.00	37.69 0.96 0.00	39.16 0.76 0.00	43.44 1.03 0.00	38.92 0.67 0.00	38.51 0.66 0.00	43.11 0.87 0.00	52.45 0.74 0.00	71.47 1.23 0.00	67.39 0.80 0.00	68.30 0.81 0.00	68.67 -0.08 0.00	67.47 -1.32 0.00	50.14 -1.29 0.00	52.92 -1.33 0.00	54.64 -1.08 0.00
SITHE___INDEPEND 23800	42.24 -1.19 0.00	42.93 -1.20 0.00	41.58 -1.16 0.00	40.05 -1.13 0.00	41.35 -1.16 0.00	38.10 -1.10 0.00	37.82 -1.22 0.00	39.78 -1.47 0.00	38.95 -1.36 0.00	35.54 -1.18 0.00	37.17 -1.24 0.00	41.04 -1.37 0.00	37.02 -1.24 0.00	36.62 -1.23 0.00	40.84 -1.40 0.00	49.94 -1.77 0.00	67.83 -2.40 0.00	64.31 -2.29 0.00	65.16 -2.33 0.00	66.24 -2.51 0.00	66.12 -2.66 0.00	49.39 -2.03 0.00	52.05 -2.19 0.00	53.52 -2.20 0.00
SITHE___MASSENA 23902	43.60 0.17 0.00	44.53 0.40 0.00	43.13 0.40 0.00	41.53 0.34 0.00	42.90 0.38 0.00	39.55 0.35 0.00	39.39 0.36 0.00	41.81 0.56 0.00	40.73 0.43 0.00	37.00 0.28 0.00	38.73 0.33 0.00	42.74 0.33 0.00	38.53 0.27 0.00	38.14 0.29 0.00	42.61 0.37 0.00	52.25 0.55 0.00	71.14 0.90 0.00	67.16 0.57 0.00	68.03 0.54 0.00	69.58 0.83 0.00	69.63 0.84 0.00	52.05 0.63 0.00	55.11 0.87 0.00	56.71 0.99 0.00
SITHE___OGDNSBRG 24021	44.02 0.60 0.00	45.03 0.90 0.00	43.63 0.90 0.00	42.01 0.83 0.00	43.40 0.88 0.00	39.94 0.74 0.00	39.84 0.81 0.00	42.38 1.13 0.00	41.15 0.85 0.00	37.15 0.42 0.00	38.83 0.43 0.00	42.70 0.30 0.00	38.46 0.20 0.00	38.07 0.22 0.00	42.53 0.30 0.00	52.50 0.80 0.00	71.97 1.73 0.00	67.95 1.36 0.00	68.73 1.25 0.00	70.29 1.55 0.00	70.37 1.59 0.00	52.66 1.24 0.00	55.86 1.62 0.00	57.45 1.73 0.00
SITHE___STERLING 23777	44.29 0.87 0.00	45.05 0.91 0.00	43.58 0.84 0.00	41.96 0.77 0.00	43.41 0.89 0.00	40.00 0.81 0.00	39.96 0.93 0.00	42.36 1.11 0.00	41.46 1.16 0.00	37.82 1.10 0.00	39.44 1.04 0.00	43.48 1.07 0.00	39.24 0.98 0.00	38.67 0.82 0.00	43.30 1.07 0.00	53.28 1.57 0.00	72.52 2.28 0.00	68.68 2.09 0.00	69.52 2.04 0.00	70.66 1.91 0.00	70.52 1.74 0.00	52.68 1.25 0.00	55.44 1.20 0.00	56.84 1.12 0.00
SLEIGHT__34_KV_TB1 80719	43.09 -0.34 0.00	43.81 -0.32 0.00	42.47 -0.26 0.00	40.84 -0.34 0.00	42.16 -0.36 0.00	38.96 -0.23 0.00	38.85 -0.19 0.00	40.92 -0.33 0.00	40.28 -0.02 0.00	36.83 0.11 0.00	38.43 0.03 0.00	42.52 0.11 0.00	38.19 -0.07 0.00	37.80 -0.06 0.00	42.22 -0.01 0.00	51.53 -0.18 0.00	70.04 -0.20 0.00	66.29 -0.30 0.00	67.20 -0.29 0.00	67.98 -0.77 0.00	67.37 -1.41 0.00	50.15 -1.28 0.00	52.82 -1.42 0.00	54.29 -1.43 0.00
SMITHTWN_69_KV_BK 1 55830	46.29 2.87 0.00	46.70 2.57 0.00	45.00 2.26 0.00	43.45 2.27 0.00	44.86 2.35 0.00	41.44 2.25 0.00	41.49 2.45 0.00	43.80 2.55 0.00	42.54 2.03 -0.20	39.65 2.02 -0.90	40.74 2.34 0.00	44.80 2.39 0.00	40.26 2.00 0.00	39.95 2.09 0.00	44.53 2.29 0.00	54.87 3.16 0.00	102.81 4.60 -27.96	319.30 4.78 -247.93	121.23 4.93 -48.81	166.20 4.97 -92.48	122.01 5.08 -48.15	127.58 3.82 -72.33	126.60 4.04 -68.31	90.58 4.05 -30.81
SOUTH CAIRO___GT 23612	46.39 2.97 0.00	47.01 2.87 0.00	45.50 2.77 0.00	43.88 2.69 0.00	45.33 2.81 0.00	41.78 2.58 0.00	41.78 2.74 0.00	44.19 2.94 0.00	43.13 2.83 0.00	39.09 2.37 0.00	40.62 2.22 0.00	44.83 2.42 0.00	40.35 2.09 0.00	40.00 2.14 0.00	44.94 2.70 0.00	55.43 3.72 0.00	75.50 5.26 0.00	71.95 5.36 0.00	72.81 5.33 0.00	73.96 5.21 0.00	74.02 5.24 0.00	55.40 3.98 0.00	58.23 3.99 0.00	59.61 3.89 0.00
SOUTH HAMPTN___IC 23720	46.29 2.86 0.00	46.63 2.50 0.00	44.94 2.20 0.00	43.40 2.22 0.00	44.82 2.30 0.00	41.44 2.24 0.00	41.51 2.48 0.00	43.88 2.63 0.00	42.81 2.05 -0.46	40.63 1.89 -2.02	40.57 2.17 0.00	44.71 2.30 0.00	40.34 2.09 0.00	40.12 2.27 0.00	44.86 2.63 0.00	55.68 3.97 0.00	102.20 6.11 -25.85	265.91 6.62 -192.70	115.48 6.53 -41.46	150.52 6.75 -75.03	117.13 6.91 -41.43	113.85 5.32 -57.10	113.99 5.66 -54.09	84.73 5.60 -23.40
SOUTHDOW_115KV_TB1 355954	42.39 -1.04 0.00	43.38 -0.75 0.00	42.17 -0.57 0.00	40.51 -0.67 0.00	42.12 -0.40 0.00	39.02 -0.18 0.00	39.10 0.06 0.00	41.41 0.16 0.00	41.19 0.88 0.00	38.08 1.35 0.00	39.92 1.52 0.00	44.34 1.93 0.00	39.64 1.38 0.00	39.16 1.30 0.00	43.62 1.39 0.00	52.91 1.20 0.00	71.54 1.31 0.00	67.38 0.79 0.00	68.21 0.72 0.00	67.78 -0.97 0.00	65.78 -3.00 0.00	48.66 -2.77 0.00	51.62 -2.62 0.00	53.57 -2.15 0.00
SOUTHOLD_69_KV_BK 2 55809	45.86 2.44 0.00	46.16 2.03 0.00	44.50 1.76 0.00	42.97 1.78 0.00	44.36 1.85 0.00	41.04 1.85 0.00	41.14 2.10 0.00	43.51 2.26 0.00	42.45 1.69 -0.46	40.27 1.52 -2.02	40.19 1.79 0.00	44.45 2.05 0.00	40.20 1.94 0.00	40.02 2.17 0.00	44.82 2.59 0.00	55.87 4.16 0.00	102.76 6.68 -25.84	266.67 7.44 -192.64	116.11 7.18 -41.44	151.22 7.47 -75.01	117.91 7.71 -41.42	114.55 6.04 -57.08	114.78 6.47 -54.07	85.50 6.38 -23.40
SOUTHOLD___IC 23719	45.86 2.43 0.00	46.16 2.03 0.00	44.50 1.76 0.00	42.97 1.78 0.00	44.36 1.84 0.00	41.05 1.85 0.00	41.14 2.10 0.00	43.51 2.26 0.00	42.45 1.69 -0.46	40.27 1.52 -2.02	40.19 1.79 0.00	44.45 2.05 0.00	40.20 1.94 0.00	40.01 2.16 0.00	44.82 2.59 0.00	55.87 4.16 0.00	102.76 6.68 -25.84	266.66 7.43 -192.64	116.11 7.18 -41.44	151.22 7.47 -75.01	117.91 7.71 -41.42	114.55 6.04 -57.08	114.78 6.47 -54.07	85.50 6.38 -23.40
SOUTH_FORK_WT_PWR 323839	45.14 1.71 0.00	45.41 1.28 0.00	43.78 1.05 0.00	42.27 1.09 0.00	43.65 1.13 0.00	40.39 1.19 0.00	40.48 1.45 0.00	42.83 1.58 0.00	41.76 1.00 -0.46	39.62 0.88 -2.02	39.54 1.14 0.00	43.88 1.47 0.00	39.77 1.51 0.00	39.59 1.74 0.00	44.42 2.19 0.00	55.56 3.85 0.00	102.57 6.49 -25.84	266.74 7.48 -192.67	115.99 7.05 -41.45	151.18 7.41 -75.02	117.99 7.78 -41.43	114.73 6.21 -57.09	115.02 6.71 -54.08	85.74 6.62 -23.40
SPIERFLS_115KV_TB 1 80737	46.52 3.09 0.00	47.05 2.92 0.00	45.61 2.87 0.00	43.99 2.80 0.00	45.39 2.87 0.00	41.78 2.58 0.00	41.85 2.81 0.00	44.34 3.09 0.00	43.31 3.01 0.00	39.28 2.55 0.00	40.97 2.57 0.00	45.18 2.78 0.00	40.80 2.55 0.00	40.35 2.49 0.00	45.16 2.93 0.00	55.50 3.80 0.00	76.00 5.77 0.00	72.21 5.62 0.00	73.06 5.57 0.00	74.31 5.56 0.00	74.61 5.83 0.00	55.72 4.30 0.00	58.79 4.55 0.00	60.28 4.56 0.00
ST LAWRENCE____ 23600	43.05 -0.38 0.00	43.92 -0.21 0.00	42.56 -0.17 0.00	40.98 -0.20 0.00	42.32 -0.19 0.00	39.07 -0.13 0.00	38.89 -0.14 0.00	41.24 -0.01 0.00	40.19 -0.11 0.00	36.54 -0.19 0.00	38.23 -0.17 0.00	42.23 -0.18 0.00	38.09 -0.17 0.00	37.73 -0.12 0.00	42.12 -0.11 0.00	51.60 -0.11 0.00	70.24 0.00 0.00	66.36 -0.23 0.00	67.29 -0.20 0.00	68.78 0.03 0.00	68.82 0.04 0.00	51.39 -0.03 0.00	54.38 0.14 0.00	55.93 0.21 0.00

STATE_CA_115KV_115_LB 55624	44.73 1.30 0.00	45.34 1.20 0.00	43.89 1.16 0.00	42.35 1.16 0.00	43.71 1.19 0.00	40.27 1.07 0.00	40.16 1.12 0.00	42.40 1.15 0.00	41.43 1.12 0.00	37.73 1.01 0.00	39.43 1.03 0.00	43.47 1.06 0.00	39.34 1.08 0.00	38.96 1.11 0.00	43.45 1.22 0.00	53.19 1.48 0.00	72.07 1.83 0.00	68.50 1.91 0.00	69.31 1.83 0.00	70.58 1.84 0.00	70.83 2.05 0.00	53.18 1.76 0.00	55.97 1.73 0.00	57.46 1.74 0.00
STATE_ST_34_KV_LOAD 55959	43.63 0.20 0.00	44.34 0.21 0.00	42.92 0.18 0.00	41.36 0.17 0.00	42.59 0.07 0.00	39.36 0.17 0.00	39.23 0.19 0.00	41.36 0.11 0.00	40.54 0.23 0.00	36.96 0.24 0.00	38.54 0.14 0.00	42.47 0.06 0.00	38.21 -0.05 0.00	37.89 0.04 0.00	42.40 0.16 0.00	51.96 0.25 0.00	70.64 0.40 0.00	66.99 0.40 0.00	67.92 0.43 0.00	68.92 0.18 0.00	68.66 -0.12 0.00	51.05 -0.37 0.00	53.88 -0.36 0.00	55.12 -0.60 0.00
STATION_5_MISC_HYD 23604	43.36 -0.07 0.00	44.11 -0.02 0.00	42.82 0.08 0.00	41.13 -0.06 0.00	42.45 -0.07 0.00	39.27 0.07 0.00	39.13 0.10 0.00	41.19 -0.06 0.00	40.65 0.35 0.00	37.22 0.50 0.00	38.91 0.50 0.00	43.13 0.72 0.00	38.67 0.42 0.00	38.26 0.41 0.00	42.67 0.44 0.00	51.89 0.19 0.00	70.55 0.31 0.00	66.62 0.03 0.00	67.54 0.06 0.00	68.17 -0.57 0.00	67.35 -1.43 0.00	50.12 -1.31 0.00	52.83 -1.41 0.00	54.42 -1.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.31 -0.12 0.00	44.04 -0.09 0.00	42.71 -0.03 0.00	41.06 -0.12 0.00	42.40 -0.11 0.00	39.19 -0.01 0.00	39.04 0.01 0.00	41.13 -0.12 0.00	40.50 0.19 0.00	37.02 0.30 0.00	38.66 0.26 0.00	42.76 0.36 0.00	38.38 0.12 0.00	38.00 0.15 0.00	42.44 0.21 0.00	51.73 0.03 0.00	70.36 0.12 0.00	66.55 -0.05 0.00	67.44 -0.05 0.00	68.22 -0.53 0.00	67.60 -1.18 0.00	50.33 -1.10 0.00	53.01 -1.23 0.00	54.52 -1.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.06 -0.36 0.00	43.81 -0.32 0.00	42.52 -0.21 0.00	40.85 -0.33 0.00	42.17 -0.35 0.00	39.00 -0.19 0.00	38.87 -0.17 0.00	40.91 -0.34 0.00	40.35 0.05 0.00	36.94 0.21 0.00	38.63 0.23 0.00	42.80 0.39 0.00	38.39 0.13 0.00	37.99 0.13 0.00	42.37 0.14 0.00	51.53 -0.17 0.00	70.05 -0.19 0.00	66.16 -0.43 0.00	67.08 -0.41 0.00	67.73 -1.02 0.00	66.96 -1.82 0.00	49.84 -1.58 0.00	52.53 -1.71 0.00	54.10 -1.62 0.00
STA_56___34_KV_BUS2 355983	43.06 -0.36 0.00	43.81 -0.32 0.00	42.52 -0.21 0.00	40.85 -0.33 0.00	42.17 -0.35 0.00	39.00 -0.19 0.00	38.87 -0.17 0.00	40.91 -0.34 0.00	40.35 0.05 0.00	36.94 0.21 0.00	38.63 0.23 0.00	42.80 0.39 0.00	38.39 0.13 0.00	37.99 0.13 0.00	42.37 0.14 0.00	51.53 -0.17 0.00	70.05 -0.19 0.00	66.16 -0.43 0.00	67.08 -0.41 0.00	67.73 -1.02 0.00	66.96 -1.82 0.00	49.84 -1.58 0.00	52.53 -1.71 0.00	54.10 -1.62 0.00
STA_67___115KV_BK2 355882	43.28 -0.14 0.00	44.04 -0.10 0.00	42.76 0.02 0.00	41.07 -0.12 0.00	42.39 -0.13 0.00	39.21 0.02 0.00	39.07 0.03 0.00	41.12 -0.13 0.00	40.58 0.27 0.00	37.15 0.43 0.00	38.83 0.43 0.00	43.04 0.63 0.00	38.60 0.34 0.00	38.18 0.33 0.00	42.59 0.36 0.00	51.78 0.07 0.00	70.38 0.14 0.00	66.46 -0.13 0.00	67.39 -0.10 0.00	68.01 -0.73 0.00	67.19 -1.59 0.00	50.01 -1.42 0.00	52.72 -1.51 0.00	54.32 -1.40 0.00
STA_7___115KV_9TRANS 80674	43.55 0.12 0.00	44.30 0.16 0.00	42.98 0.25 0.00	41.29 0.11 0.00	42.61 0.09 0.00	39.42 0.23 0.00	39.30 0.26 0.00	41.37 0.12 0.00	40.83 0.53 0.00	37.38 0.65 0.00	39.07 0.67 0.00	43.30 0.90 0.00	38.85 0.59 0.00	38.45 0.59 0.00	42.89 0.66 0.00	52.15 0.45 0.00	70.93 0.69 0.00	66.99 0.40 0.00	67.93 0.45 0.00	68.56 -0.18 0.00	67.72 -1.06 0.00	50.39 -1.04 0.00	53.09 -1.15 0.00	54.67 -1.05 0.00
STA_82___115KV_TB1 80780	43.25 -0.17 0.00	44.01 -0.12 0.00	42.72 -0.02 0.00	41.04 -0.14 0.00	42.35 -0.16 0.00	39.18 -0.02 0.00	39.04 0.01 0.00	41.09 -0.16 0.00	40.55 0.24 0.00	37.12 0.40 0.00	38.80 0.39 0.00	43.00 0.60 0.00	38.58 0.32 0.00	38.15 0.30 0.00	42.55 0.32 0.00	51.74 0.03 0.00	70.32 0.08 0.00	66.39 -0.20 0.00	67.33 -0.16 0.00	67.95 -0.79 0.00	67.13 -1.65 0.00	49.97 -1.46 0.00	52.68 -1.56 0.00	54.27 -1.45 0.00
STEEL___WIND 323596	42.71 -0.72 0.00	43.57 -0.57 0.00	42.39 -0.35 0.00	40.67 -0.52 0.00	42.01 -0.51 0.00	38.89 -0.31 0.00	38.82 -0.21 0.00	40.91 -0.34 0.00	40.61 0.31 0.00	37.33 0.60 0.00	39.11 0.71 0.00	43.47 1.06 0.00	38.78 0.52 0.00	38.32 0.46 0.00	42.66 0.43 0.00	51.72 0.02 0.00	70.14 -0.10 0.00	66.03 -0.56 0.00	66.97 -0.52 0.00	67.17 -1.58 0.00	65.76 -3.02 0.00	48.76 -2.67 0.00	51.59 -2.65 0.00	53.35 -2.37 0.00
STEPHTWN_115KV_BK_2 55603	44.97 1.54 0.00	45.69 1.55 0.00	44.14 1.40 0.00	42.56 1.37 0.00	43.93 1.41 0.00	40.47 1.27 0.00	40.49 1.46 0.00	42.84 1.58 0.00	41.76 1.46 0.00	37.98 1.25 0.00	39.70 1.30 0.00	43.86 1.45 0.00	39.55 1.30 0.00	39.15 1.30 0.00	43.74 1.50 0.00	53.64 1.93 0.00	72.59 2.36 0.00	69.05 2.46 0.00	69.92 2.43 0.00	71.11 2.37 0.00	71.35 2.57 0.00	53.52 2.09 0.00	56.25 2.01 0.00	57.74 2.02 0.00
STEUBEN_REC_LFGE 323667	42.31 -1.12 0.00	42.97 -1.16 0.00	42.08 -0.66 0.00	40.65 -0.54 0.00	42.09 -0.43 0.00	38.99 -0.21 0.00	39.11 0.07 0.00	41.50 0.25 0.00	41.20 0.90 0.00	37.44 0.71 0.00	38.99 0.59 0.00	43.55 1.15 0.00	39.07 0.81 0.00	38.88 1.03 0.00	43.72 1.49 0.00	53.53 1.83 0.00	72.76 2.52 0.00	68.77 2.17 0.00	69.51 2.03 0.00	69.18 0.43 0.00	67.39 -1.39 0.00	49.44 -1.98 0.00	51.58 -2.66 0.00	52.62 -3.11 0.00
STILLWATER___SOLAR 323814	45.79 2.37 0.00	46.37 2.24 0.00	44.92 2.19 0.00	43.34 2.15 0.00	44.72 2.21 0.00	41.17 1.97 0.00	41.16 2.13 0.00	43.55 2.30 0.00	42.52 2.21 0.00	38.62 1.90 0.00	40.26 1.86 0.00	44.40 2.00 0.00	40.11 1.85 0.00	39.70 1.84 0.00	44.42 2.19 0.00	54.55 2.84 0.00	74.43 4.19 0.00	70.74 4.15 0.00	71.56 4.07 0.00	72.81 4.06 0.00	73.05 4.27 0.00	54.64 3.22 0.00	57.59 3.34 0.00	59.09 3.37 0.00
STONY___BROOK 24151	46.19 2.77 0.00	46.60 2.47 0.00	44.91 2.18 0.00	43.37 2.19 0.00	44.77 2.25 0.00	41.35 2.15 0.00	41.41 2.38 0.00	43.73 2.48 0.00	42.59 1.96 -0.33	40.12 1.94 -1.46	40.65 2.25 0.00	44.69 2.28 0.00	40.18 1.93 0.00	39.87 2.02 0.00	44.45 2.22 0.00	54.79 3.08 0.00	101.04 4.47 -26.33	285.86 4.62 -214.66	116.33 4.77 -44.07	155.25 4.81 -81.69	117.45 4.91 -43.75	118.22 3.71 -63.08	117.84 3.95 -59.66	86.07 3.95 -26.40
STURGEON_POOL_HYD 23609	45.27 1.84 0.00	45.81 1.67 0.00	44.29 1.56 0.00	42.74 1.56 0.00	44.09 1.57 0.00	40.68 1.48 0.00	40.65 1.61 0.00	43.03 1.78 0.00	42.01 1.70 0.00	38.29 1.57 0.00	40.06 1.66 0.00	44.24 1.84 0.00	39.92 1.67 0.00	39.43 1.57 0.00	43.90 1.66 0.00	53.75 2.04 0.00	73.00 2.76 0.00	69.55 2.95 0.00	70.51 3.03 0.00	71.89 3.14 0.00	72.08 3.30 0.00	53.90 2.48 0.00	56.75 2.51 0.00	58.12 2.40 0.00

ST_LAW_115_BK7_LBMP 345037	43.04 -0.38 0.00	43.93 -0.20 0.00	42.56 -0.17 0.00	40.98 -0.20 0.00	42.32 -0.19 0.00	39.08 -0.12 0.00	38.90 -0.13 0.00	41.26 0.01 0.00	40.21 -0.10 0.00	36.53 -0.19 0.00	38.23 -0.17 0.00	42.22 -0.18 0.00	38.07 -0.18 0.00	37.72 -0.14 0.00	42.11 -0.12 0.00	51.60 -0.11 0.00	70.24 0.00 0.00	66.35 -0.24 0.00	67.27 -0.22 0.00	68.77 0.03 0.00	68.81 0.03 0.00	51.39 -0.03 0.00	54.39 0.15 0.00	55.95 0.23 0.00
ST_LAW_115_BK8_LBMP 345038	43.04 -0.38 0.00	43.93 -0.20 0.00	42.56 -0.17 0.00	40.98 -0.20 0.00	42.32 -0.19 0.00	39.08 -0.12 0.00	38.90 -0.13 0.00	41.26 0.01 0.00	40.21 -0.10 0.00	36.53 -0.19 0.00	38.23 -0.17 0.00	42.22 -0.18 0.00	38.07 -0.18 0.00	37.72 -0.14 0.00	42.11 -0.12 0.00	51.60 -0.11 0.00	70.24 0.00 0.00	66.35 -0.24 0.00	67.27 -0.22 0.00	68.77 0.03 0.00	68.81 0.03 0.00	51.39 -0.03 0.00	54.39 0.15 0.00	55.95 0.23 0.00
ST_LAW_230_BK5_LBMP 345035	43.05 -0.38 0.00	43.92 -0.21 0.00	42.56 -0.17 0.00	40.98 -0.20 0.00	42.32 -0.19 0.00	39.07 -0.13 0.00	38.89 -0.14 0.00	41.24 -0.01 0.00	40.19 -0.11 0.00	36.54 -0.19 0.00	38.23 -0.17 0.00	42.23 -0.18 0.00	38.09 -0.17 0.00	37.73 -0.12 0.00	42.12 -0.11 0.00	51.60 -0.11 0.00	70.24 0.00 0.00	66.36 -0.23 0.00	67.29 -0.20 0.00	68.78 0.03 0.00	68.82 0.04 0.00	51.39 -0.03 0.00	54.38 0.14 0.00	55.93 0.21 0.00
ST_LAW_230_BK6_LBMP 345036	43.05 -0.38 0.00	43.92 -0.21 0.00	42.56 -0.17 0.00	40.98 -0.20 0.00	42.32 -0.19 0.00	39.07 -0.13 0.00	38.89 -0.14 0.00	41.24 -0.01 0.00	40.19 -0.11 0.00	36.54 -0.19 0.00	38.23 -0.17 0.00	42.23 -0.18 0.00	38.09 -0.17 0.00	37.73 -0.12 0.00	42.12 -0.11 0.00	51.60 -0.11 0.00	70.24 0.00 0.00	66.36 -0.23 0.00	67.29 -0.20 0.00	68.78 0.03 0.00	68.82 0.04 0.00	51.39 -0.03 0.00	54.38 0.14 0.00	55.93 0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.09 1.66 0.00	45.63 1.50 0.00	44.12 1.39 0.00	42.58 1.39 0.00	43.95 1.43 0.00	40.53 1.33 0.00	40.50 1.46 0.00	42.87 1.62 0.00	41.81 1.51 0.00	38.10 1.37 0.00	39.84 1.43 0.00	44.03 1.62 0.00	39.73 1.48 0.00	39.27 1.42 0.00	43.71 1.48 0.00	53.54 1.83 0.00	72.69 2.45 0.00	69.22 2.63 0.00	70.16 2.67 0.00	71.51 2.76 0.00	71.73 2.95 0.00	53.65 2.22 0.00	56.45 2.21 0.00	57.81 2.09 0.00
SWANROAD_115KV_TB1 355699	42.16 -1.26 0.00	42.99 -1.15 0.00	41.85 -0.88 0.00	40.14 -1.04 0.00	41.40 -1.12 0.00	38.43 -0.77 0.00	38.10 -0.94 0.00	39.88 -1.36 0.00	39.61 -0.70 0.00	36.41 -0.32 0.00	38.13 -0.27 0.00	42.33 -0.08 0.00	37.69 -0.56 0.00	37.23 -0.63 0.00	41.46 -0.78 0.00	50.10 -1.61 0.00	67.99 -2.24 0.00	63.88 -2.71 0.00	64.83 -2.66 0.00	65.10 -3.65 0.00	63.76 -5.02 0.00	47.49 -3.93 0.00	50.20 -4.04 0.00	51.99 -3.73 0.00
SYNERGY___BIOGAS 323694	43.86 0.43 0.00	44.69 0.55 0.00	43.42 0.69 0.00	41.65 0.46 0.00	43.01 0.49 0.00	39.88 0.68 0.00	39.71 0.68 0.00	41.73 0.48 0.00	41.34 1.04 0.00	37.69 0.96 0.00	39.17 0.76 0.00	43.44 1.03 0.00	38.92 0.67 0.00	38.51 0.66 0.00	43.11 0.88 0.00	52.45 0.74 0.00	71.46 1.22 0.00	67.39 0.80 0.00	68.30 0.81 0.00	68.67 -0.08 0.00	67.46 -1.32 0.00	50.14 -1.29 0.00	52.92 -1.33 0.00	54.64 -1.08 0.00
SYRACUSE___ENERGY_ST1 323597	43.21 -0.22 0.00	43.89 -0.25 0.00	42.49 -0.24 0.00	40.92 -0.26 0.00	42.25 -0.27 0.00	38.94 -0.25 0.00	38.74 -0.30 0.00	40.83 -0.42 0.00	39.99 -0.32 0.00	36.48 -0.25 0.00	38.10 -0.30 0.00	42.11 -0.30 0.00	37.94 -0.31 0.00	37.54 -0.31 0.00	41.93 -0.30 0.00	51.33 -0.37 0.00	69.73 -0.51 0.00	66.13 -0.47 0.00	66.99 -0.50 0.00	68.07 -0.68 0.00	67.90 -0.88 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.80 -0.92 0.00
SYRACUSE___ENERGY_ST2 323598	43.21 -0.22 0.00	43.89 -0.25 0.00	42.49 -0.24 0.00	40.92 -0.26 0.00	42.25 -0.27 0.00	38.94 -0.25 0.00	38.74 -0.30 0.00	40.83 -0.42 0.00	39.99 -0.32 0.00	36.48 -0.25 0.00	38.10 -0.30 0.00	42.11 -0.30 0.00	37.94 -0.31 0.00	37.54 -0.31 0.00	41.93 -0.30 0.00	51.33 -0.37 0.00	69.73 -0.51 0.00	66.13 -0.47 0.00	66.99 -0.50 0.00	68.07 -0.68 0.00	67.90 -0.88 0.00	50.68 -0.75 0.00	53.37 -0.87 0.00	54.80 -0.92 0.00
SYRACUSE___POWER 24017	43.17 -0.26 0.00	43.86 -0.28 0.00	42.46 -0.27 0.00	40.90 -0.28 0.00	42.24 -0.27 0.00	38.92 -0.27 0.00	38.73 -0.31 0.00	40.83 -0.43 0.00	39.99 -0.32 0.00	36.48 -0.24 0.00	38.11 -0.29 0.00	42.13 -0.28 0.00	37.95 -0.30 0.00	37.55 -0.30 0.00	41.91 -0.32 0.00	51.34 -0.36 0.00	69.78 -0.46 0.00	66.17 -0.42 0.00	67.05 -0.44 0.00	68.12 -0.63 0.00	67.94 -0.84 0.00	50.71 -0.71 0.00	53.38 -0.86 0.00	54.82 -0.90 0.00
TALLMAN__138KV_BK151 55660	45.28 1.86 0.00	45.80 1.67 0.00	44.27 1.53 0.00	42.72 1.53 0.00	44.10 1.58 0.00	40.68 1.48 0.00	40.67 1.63 0.00	43.05 1.80 0.00	41.98 1.67 0.00	38.27 1.55 0.00	40.03 1.63 0.00	44.18 1.77 0.00	39.88 1.62 0.00	39.45 1.59 0.00	43.90 1.67 0.00	53.76 2.06 0.00	72.93 2.69 0.00	69.47 2.88 0.00	70.43 2.94 0.00	71.82 3.07 0.00	72.06 3.27 0.00	53.88 2.45 0.00	56.72 2.48 0.00	58.04 2.32 0.00
TEALLAVE_115KV_TB7 355573	42.99 -0.43 0.00	43.69 -0.44 0.00	42.30 -0.43 0.00	40.74 -0.44 0.00	42.08 -0.44 0.00	38.77 -0.42 0.00	38.57 -0.47 0.00	40.64 -0.61 0.00	39.81 -0.49 0.00	36.33 -0.39 0.00	37.96 -0.44 0.00	41.97 -0.44 0.00	37.82 -0.43 0.00	37.41 -0.45 0.00	41.75 -0.48 0.00	51.10 -0.61 0.00	69.42 -0.82 0.00	65.81 -0.79 0.00	66.67 -0.81 0.00	67.73 -1.02 0.00	67.56 -1.22 0.00	50.44 -0.99 0.00	53.11 -1.13 0.00	54.55 -1.17 0.00
TELGRAPH_34_KV_EAST 80808	42.97 -0.45 0.00	43.80 -0.33 0.00	42.59 -0.14 0.00	40.86 -0.32 0.00	42.16 -0.36 0.00	39.10 -0.09 0.00	38.88 -0.15 0.00	40.82 -0.43 0.00	40.50 0.20 0.00	37.10 0.37 0.00	38.76 0.36 0.00	43.06 0.65 0.00	38.44 0.18 0.00	38.00 0.14 0.00	42.38 0.14 0.00	51.31 -0.40 0.00	69.74 -0.50 0.00	65.62 -0.98 0.00	66.55 -0.94 0.00	66.87 -1.87 0.00	65.59 -3.19 0.00	48.81 -2.62 0.00	51.55 -2.69 0.00	53.29 -2.44 0.00
TEMPLE___115KV_TB 2 55572	43.01 -0.42 0.00	43.70 -0.43 0.00	42.31 -0.43 0.00	40.75 -0.43 0.00	42.09 -0.42 0.00	38.78 -0.42 0.00	38.57 -0.47 0.00	40.64 -0.61 0.00	39.82 -0.49 0.00	36.33 -0.39 0.00	37.96 -0.44 0.00	41.97 -0.43 0.00	37.83 -0.43 0.00	37.41 -0.44 0.00	41.75 -0.48 0.00	51.11 -0.60 0.00	69.42 -0.82 0.00	65.82 -0.77 0.00	66.70 -0.79 0.00	67.73 -1.02 0.00	67.56 -1.22 0.00	50.44 -0.99 0.00	53.11 -1.13 0.00	54.55 -1.17 0.00
TIANA____69_KV_BK 1 55817	46.37 2.95 0.00	46.73 2.59 0.00	45.04 2.30 0.00	43.49 2.31 0.00	44.90 2.39 0.00	41.51 2.31 0.00	41.59 2.55 0.00	43.95 2.70 0.00	42.89 2.13 -0.46	40.71 1.96 -2.02	40.66 2.25 0.00	44.75 2.35 0.00	40.36 2.10 0.00	40.14 2.28 0.00	44.85 2.62 0.00	55.57 3.86 0.00	101.97 5.89 -25.84	265.55 6.31 -192.64	115.24 6.31 -41.44	150.24 6.48 -75.01	116.82 6.62 -41.42	113.57 5.06 -57.09	113.69 5.37 -54.07	84.44 5.32 -23.40

TILDEN___115KV_TB1 80814	43.17 -0.26 0.00	43.86 -0.28 0.00	42.46 -0.27 0.00	40.90 -0.28 0.00	42.24 -0.27 0.00	38.92 -0.27 0.00	38.73 -0.31 0.00	40.83 -0.43 0.00	39.99 -0.32 0.00	36.48 -0.24 0.00	38.11 -0.29 0.00	42.13 -0.28 0.00	37.95 -0.30 0.00	37.55 -0.30 0.00	41.91 -0.32 0.00	51.34 -0.36 0.00	69.78 -0.46 0.00	66.17 -0.42 0.00	67.05 -0.44 0.00	68.12 -0.63 0.00	67.94 -0.84 0.00	50.71 -0.71 0.00	53.38 -0.86 0.00	54.82 -0.90 0.00
TRIGEN___CC 323695	45.93 2.51 0.00	46.41 2.27 0.00	44.78 2.05 0.00	43.25 2.07 0.00	44.65 2.13 0.00	41.19 2.00 0.00	41.21 2.18 0.00	43.55 2.30 0.00	42.30 2.00 0.00	38.71 1.99 0.00	40.62 2.21 0.00	44.73 2.32 0.00	40.24 1.98 0.00	39.87 2.01 0.00	44.35 2.12 0.00	54.40 2.70 0.00	73.85 3.61 0.00	70.40 3.81 0.00	71.42 3.93 0.00	72.76 4.02 0.00	72.96 4.18 0.00	54.59 3.16 0.00	57.58 3.35 0.00	58.99 3.27 0.00
TRINITY___115KV___4 BK 55933	44.52 1.09 0.00	45.15 1.01 0.00	43.72 0.98 0.00	42.18 1.00 0.00	43.53 1.02 0.00	40.09 0.89 0.00	39.98 0.94 0.00	42.22 0.97 0.00	41.23 0.93 0.00	37.55 0.82 0.00	39.24 0.84 0.00	43.26 0.85 0.00	39.15 0.89 0.00	38.75 0.89 0.00	43.23 0.99 0.00	52.91 1.20 0.00	71.69 1.45 0.00	68.13 1.54 0.00	68.95 1.46 0.00	70.23 1.48 0.00	70.51 1.72 0.00	52.92 1.50 0.00	55.72 1.48 0.00	57.21 1.49 0.00
UNION___PROCESSING_DRP 323587	43.26 -0.16 0.00	44.03 -0.11 0.00	42.73 -0.01 0.00	41.04 -0.14 0.00	42.36 -0.15 0.00	39.19 -0.01 0.00	39.05 0.02 0.00	41.09 -0.16 0.00	40.56 0.25 0.00	37.13 0.41 0.00	38.81 0.40 0.00	43.01 0.60 0.00	38.58 0.32 0.00	38.17 0.31 0.00	42.56 0.33 0.00	51.75 0.04 0.00	70.34 0.10 0.00	66.44 -0.15 0.00	67.35 -0.14 0.00	67.99 -0.76 0.00	67.15 -1.63 0.00	49.99 -1.44 0.00	52.68 -1.56 0.00	54.29 -1.43 0.00
UPPER HUDSON___HYD 24058	46.52 3.09 0.00	47.05 2.92 0.00	45.61 2.87 0.00	43.99 2.81 0.00	45.39 2.87 0.00	41.78 2.58 0.00	41.85 2.81 0.00	44.34 3.09 0.00	43.31 3.01 0.00	39.28 2.55 0.00	40.97 2.57 0.00	45.18 2.77 0.00	40.80 2.55 0.00	40.35 2.50 0.00	45.16 2.93 0.00	55.51 3.80 0.00	76.00 5.77 0.00	72.21 5.62 0.00	73.06 5.57 0.00	74.31 5.56 0.00	74.61 5.83 0.00	55.72 4.30 0.00	58.79 4.55 0.00	60.28 4.56 0.00
UPPER RAQUET___HYD 24056	43.07 -0.35 0.00	44.13 0.00 0.00	42.72 -0.01 0.00	41.15 -0.04 0.00	42.48 -0.03 0.00	38.98 -0.21 0.00	38.87 -0.16 0.00	41.40 0.15 0.00	40.32 0.01 0.00	36.58 -0.15 0.00	38.35 -0.06 0.00	42.25 -0.15 0.00	38.03 -0.22 0.00	37.62 -0.23 0.00	42.07 -0.16 0.00	51.80 0.09 0.00	70.43 0.19 0.00	66.32 -0.27 0.00	66.92 -0.57 0.00	68.46 -0.29 0.00	68.72 -0.06 0.00	51.62 0.19 0.00	54.91 0.67 0.00	56.50 0.78 0.00
VALLEY44_115KV_TB2 355964	42.91 -0.51 0.00	43.70 -0.43 0.00	42.47 -0.27 0.00	40.77 -0.41 0.00	42.08 -0.44 0.00	38.64 -0.55 0.00	38.63 -0.40 0.00	40.79 -0.46 0.00	40.45 0.15 0.00	37.35 0.62 0.00	39.23 0.82 0.00	43.55 1.14 0.00	38.97 0.72 0.00	38.51 0.65 0.00	42.88 0.64 0.00	51.90 0.19 0.00	69.82 -0.42 0.00	65.74 -0.85 0.00	66.63 -0.86 0.00	67.03 -1.71 0.00	65.95 -2.83 0.00	48.91 -2.52 0.00	51.91 -2.33 0.00	53.64 -2.08 0.00
VALLEY___115KV_TB 1-4 80826	44.76 1.33 0.00	45.44 1.31 0.00	43.95 1.22 0.00	42.38 1.20 0.00	43.78 1.27 0.00	40.39 1.19 0.00	40.38 1.35 0.00	42.73 1.48 0.00	41.63 1.32 0.00	37.80 1.08 0.00	39.35 0.94 0.00	43.39 0.98 0.00	39.05 0.79 0.00	38.71 0.86 0.00	43.44 1.20 0.00	53.68 1.97 0.00	73.39 3.15 0.00	69.83 3.24 0.00	70.82 3.33 0.00	72.09 3.35 0.00	72.21 3.42 0.00	53.99 2.57 0.00	56.76 2.52 0.00	58.07 2.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.13 2.70 0.00	46.79 2.66 0.00	45.27 2.54 0.00	43.64 2.46 0.00	45.16 2.64 0.00	41.63 2.43 0.00	41.62 2.58 0.00	44.09 2.84 0.00	43.14 2.83 0.00	39.38 2.66 0.00	41.20 2.80 0.00	45.44 3.03 0.00	40.87 2.61 0.00	40.40 2.55 0.00	45.15 2.92 0.00	55.46 3.75 0.00	75.27 5.03 0.00	71.44 4.84 0.00	72.48 4.99 0.00	73.67 4.93 0.00	73.59 4.80 0.00	54.94 3.51 0.00	57.77 3.53 0.00	59.02 3.30 0.00
VISCHER___FERRY HYD 24020	45.02 1.59 0.00	45.63 1.50 0.00	44.21 1.47 0.00	42.65 1.46 0.00	44.00 1.48 0.00	40.47 1.28 0.00	40.40 1.36 0.00	42.69 1.44 0.00	41.71 1.40 0.00	37.92 1.20 0.00	39.60 1.20 0.00	43.66 1.26 0.00	39.49 1.23 0.00	39.11 1.25 0.00	43.68 1.45 0.00	53.54 1.83 0.00	72.85 2.61 0.00	69.25 2.65 0.00	70.06 2.58 0.00	71.34 2.60 0.00	71.64 2.86 0.00	53.66 2.23 0.00	56.55 2.31 0.00	58.06 2.34 0.00
V_A_10_SYNC_DSASP 323832	42.46 -0.97 0.00	43.28 -0.86 0.00	42.09 -0.64 0.00	40.39 -0.80 0.00	41.66 -0.86 0.00	38.55 -0.64 0.00	38.41 -0.63 0.00	40.35 -0.90 0.00	39.97 -0.34 0.00	36.75 0.02 0.00	38.49 0.09 0.00	42.68 0.28 0.00	38.12 -0.14 0.00	37.66 -0.20 0.00	41.92 -0.31 0.00	50.77 -0.93 0.00	68.82 -1.42 0.00	64.80 -1.79 0.00	65.71 -1.77 0.00	66.17 -2.57 0.00	65.06 -3.72 0.00	48.45 -2.98 0.00	51.20 -3.04 0.00	52.92 -2.80 0.00
V_CMM_10_SYNC_DSASP 323787	43.30 -0.13 0.00	44.19 0.06 0.00	42.82 0.08 0.00	41.22 0.04 0.00	42.58 0.06 0.00	39.30 0.10 0.00	39.13 0.09 0.00	41.50 0.25 0.00	40.44 0.14 0.00	36.75 0.02 0.00	38.46 0.06 0.00	42.47 0.06 0.00	38.30 0.05 0.00	37.93 0.08 0.00	42.36 0.12 0.00	51.90 0.19 0.00	70.65 0.41 0.00	66.72 0.13 0.00	67.63 0.14 0.00	69.16 0.41 0.00	69.17 0.39 0.00	51.66 0.23 0.00	54.67 0.43 0.00	56.25 0.53 0.00
V_CMP_10_SYNC_DSASP 323788	42.97 -0.46 0.00	44.02 -0.11 0.00	42.67 -0.06 0.00	41.15 -0.03 0.00	42.49 -0.03 0.00	39.23 0.03 0.00	39.04 0.00 0.00	41.54 0.29 0.00	40.49 0.19 0.00	36.81 0.09 0.00	38.52 0.12 0.00	42.71 0.31 0.00	38.57 0.32 0.00	38.31 0.46 0.00	42.92 0.69 0.00	52.74 1.04 0.00	72.27 2.03 0.00	68.28 1.69 0.00	69.01 1.52 0.00	70.56 1.81 0.00	70.87 2.08 0.00	52.98 1.55 0.00	55.97 1.73 0.00	57.47 1.75 0.00
V_D_10_SYNC_DSASP 323841	43.60 0.17 0.00	44.52 0.39 0.00	43.13 0.40 0.00	41.52 0.34 0.00	42.88 0.36 0.00	39.55 0.35 0.00	39.39 0.36 0.00	41.80 0.55 0.00	40.73 0.42 0.00	37.00 0.27 0.00	38.73 0.32 0.00	42.73 0.33 0.00	38.52 0.27 0.00	38.15 0.29 0.00	42.61 0.38 0.00	52.25 0.54 0.00	71.13 0.89 0.00	67.16 0.57 0.00	68.03 0.55 0.00	69.57 0.83 0.00	69.62 0.84 0.00	52.03 0.61 0.00	55.10 0.86 0.00	56.70 0.98 0.00
V_E_10_SYNC_DSASP 323830	44.34 0.91 0.00	44.81 0.68 0.00	43.21 0.48 0.00	41.75 0.56 0.00	43.41 0.89 0.00	40.42 1.23 0.00	40.38 1.35 0.00	43.12 1.87 0.00	42.35 2.05 0.00	38.46 1.74 0.00	40.01 1.61 0.00	43.80 1.39 0.00	39.35 1.09 0.00	39.42 1.57 0.00	44.92 2.69 0.00	56.00 4.30 0.00	76.93 6.69 0.00	73.40 6.81 0.00	74.37 6.88 0.00	75.39 6.65 0.00	74.99 6.21 0.00	55.65 4.22 0.00	57.85 3.61 0.00	57.89 2.17 0.00



V_F_30_NSYNC___DSASP 323816	45.84 2.41 0.00	46.42 2.29 0.00	44.97 2.23 0.00	43.37 2.19 0.00	44.77 2.26 0.00	41.23 2.03 0.00	41.22 2.19 0.00	43.59 2.34 0.00	42.57 2.27 0.00	38.67 1.95 0.00	40.33 1.93 0.00	44.49 2.08 0.00	40.18 1.92 0.00	39.78 1.92 0.00	44.49 2.25 0.00	54.63 2.93 0.00	74.51 4.27 0.00	70.80 4.21 0.00	71.63 4.14 0.00	72.88 4.13 0.00	73.10 4.32 0.00	54.67 3.25 0.00	57.61 3.37 0.00	59.11 3.39 0.00
V_F_30_SYNC_DSASP 323786	44.72 1.29 0.00	45.33 1.19 0.00	43.89 1.16 0.00	42.35 1.16 0.00	43.71 1.19 0.00	40.26 1.06 0.00	40.15 1.12 0.00	42.39 1.14 0.00	41.43 1.12 0.00	37.73 1.01 0.00	39.42 1.02 0.00	43.47 1.06 0.00	39.34 1.08 0.00	38.95 1.09 0.00	43.45 1.22 0.00	53.19 1.48 0.00	72.05 1.81 0.00	68.49 1.89 0.00	69.31 1.82 0.00	70.57 1.83 0.00	70.82 2.04 0.00	53.17 1.75 0.00	55.97 1.73 0.00	57.45 1.73 0.00
V_XM_10_SYNC_DSASP 323789	42.97 -0.46 0.00	44.02 -0.11 0.00	42.67 -0.06 0.00	41.15 -0.03 0.00	42.49 -0.03 0.00	39.23 0.03 0.00	39.04 0.00 0.00	41.54 0.29 0.00	40.49 0.19 0.00	36.81 0.09 0.00	38.52 0.12 0.00	42.71 0.31 0.00	38.57 0.32 0.00	38.31 0.46 0.00	42.92 0.69 0.00	52.74 1.04 0.00	72.27 2.03 0.00	68.28 1.69 0.00	69.01 1.52 0.00	70.56 1.81 0.00	70.87 2.08 0.00	52.98 1.55 0.00	55.97 1.73 0.00	57.47 1.75 0.00
W.BABYLN_69_KV_BK1 56697	46.67 3.24 0.00	47.13 2.99 0.00	45.42 2.68 0.00	43.84 2.66 0.00	45.26 2.75 0.00	41.80 2.60 0.00	41.85 2.81 0.00	44.20 2.95 0.00	42.91 2.48 -0.12	39.71 2.45 -0.54	41.12 2.72 0.00	45.23 2.82 0.00	40.63 2.37 0.00	40.30 2.45 0.00	44.89 2.66 0.00	55.22 3.52 0.00	78.61 4.99 -3.38	88.41 4.94 -16.87	77.28 5.20 -4.59	81.38 5.20 -7.43	78.89 5.39 -4.72	60.62 3.96 -5.24	63.45 4.21 -5.01	61.74 4.12 -1.90
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.51 2.09 0.00	46.04 1.91 0.00	44.50 1.76 0.00	42.95 1.76 0.00	44.32 1.80 0.00	40.89 1.69 0.00	40.88 1.84 0.00	43.29 2.03 0.00	42.21 1.91 0.00	38.48 1.76 0.00	40.26 1.85 0.00	44.43 2.02 0.00	40.11 1.85 0.00	39.68 1.83 0.00	44.17 1.94 0.00	54.09 2.38 0.00	73.38 3.14 0.00	69.92 3.33 0.00	70.88 3.40 0.00	72.26 3.51 0.00	72.47 3.69 0.00	54.19 2.76 0.00	57.05 2.81 0.00	58.37 2.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.62 2.20 0.00	46.23 2.09 0.00	44.72 1.99 0.00	43.17 1.99 0.00	44.52 2.00 0.00	41.07 1.88 0.00	41.07 2.03 0.00	43.52 2.27 0.00	42.45 2.14 0.00	38.74 2.02 0.00	40.55 2.15 0.00	44.66 2.26 0.00	40.32 2.06 0.00	39.88 2.03 0.00	44.37 2.14 0.00	54.29 2.58 0.00	73.55 3.31 0.00	70.02 3.43 0.00	70.99 3.51 0.00	72.44 3.70 0.00	72.71 3.93 0.00	54.40 2.97 0.00	57.24 3.00 0.00	58.56 2.84 0.00
W50THST__13_KV_LOAD 356117	45.79 2.37 0.00	46.39 2.25 0.00	44.86 2.13 0.00	43.32 2.14 0.00	44.67 2.16 0.00	41.22 2.03 0.00	41.22 2.18 0.00	43.67 2.42 0.00	42.60 2.30 0.00	38.89 2.16 0.00	40.70 2.31 0.00	44.86 2.45 0.00	40.48 2.22 0.00	40.03 2.18 0.00	44.56 2.33 0.00	54.49 2.79 0.00	73.84 3.60 0.00	70.31 3.72 0.00	71.27 3.78 0.00	72.71 3.96 0.00	72.98 4.20 0.00	54.59 3.16 0.00	57.45 3.21 0.00	58.76 3.04 0.00
WADING RIVER_IC_1 23522	46.33 2.90 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.47 2.29 0.00	44.88 2.36 0.00	41.47 2.28 0.00	41.54 2.51 0.00	43.88 2.63 0.00	42.83 2.07 -0.46	40.71 1.95 -2.04	40.66 2.25 0.00	44.68 2.27 0.00	40.24 1.99 0.00	40.00 2.15 0.00	44.64 2.41 0.00	55.20 3.49 0.00	101.39 5.19 -25.96	265.45 5.48 -193.37	114.67 5.56 -41.62	149.73 5.67 -75.31	116.16 5.78 -41.61	113.10 4.37 -57.31	113.16 4.63 -54.28	83.81 4.60 -23.49
WADING RIVER_IC_2 23547	46.33 2.90 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.47 2.29 0.00	44.88 2.36 0.00	41.47 2.28 0.00	41.54 2.51 0.00	43.88 2.63 0.00	42.83 2.07 -0.46	40.71 1.95 -2.04	40.66 2.25 0.00	44.68 2.27 0.00	40.24 1.99 0.00	40.00 2.15 0.00	44.64 2.41 0.00	55.20 3.49 0.00	101.39 5.19 -25.96	265.45 5.48 -193.37	114.67 5.56 -41.62	149.73 5.67 -75.31	116.16 5.78 -41.61	113.10 4.37 -57.31	113.16 4.63 -54.28	83.81 4.60 -23.49
WADING RIVER_IC_3 23601	46.33 2.90 0.00	46.71 2.57 0.00	45.01 2.28 0.00	43.47 2.29 0.00	44.88 2.36 0.00	41.47 2.28 0.00	41.54 2.51 0.00	43.88 2.63 0.00	42.83 2.07 -0.46	40.71 1.95 -2.04	40.66 2.25 0.00	44.68 2.27 0.00	40.24 1.99 0.00	40.00 2.15 0.00	44.64 2.41 0.00	55.20 3.49 0.00	101.39 5.19 -25.96	265.45 5.48 -193.37	114.67 5.56 -41.62	149.73 5.67 -75.31	116.16 5.78 -41.61	113.10 4.37 -57.31	113.16 4.63 -54.28	83.81 4.60 -23.49
WALDENNY_12_KV_BK2 80841	42.84 -0.59 0.00	43.69 -0.45 0.00	42.50 -0.23 0.00	40.76 -0.42 0.00	42.11 -0.41 0.00	39.02 -0.18 0.00	38.92 -0.11 0.00	40.96 -0.29 0.00	40.65 0.34 0.00	37.35 0.63 0.00	39.14 0.74 0.00	43.50 1.09 0.00	38.79 0.54 0.00	38.32 0.47 0.00	42.69 0.46 0.00	51.72 0.01 0.00	70.15 -0.09 0.00	66.04 -0.55 0.00	66.97 -0.52 0.00	67.20 -1.55 0.00	65.78 -3.00 0.00	48.84 -2.59 0.00	51.59 -2.65 0.00	53.36 -2.36 0.00
WALDEN___HYDRO 24148	45.34 1.91 0.00	45.89 1.76 0.00	44.36 1.63 0.00	42.80 1.62 0.00	44.17 1.65 0.00	40.74 1.54 0.00	40.72 1.69 0.00	43.11 1.86 0.00	42.05 1.75 0.00	38.29 1.57 0.00	40.02 1.62 0.00	44.26 1.85 0.00	39.92 1.67 0.00	39.45 1.60 0.00	43.92 1.68 0.00	53.83 2.13 0.00	73.15 2.91 0.00	69.68 3.09 0.00	70.65 3.16 0.00	72.01 3.27 0.00	72.20 3.42 0.00	53.99 2.57 0.00	56.82 2.59 0.00	58.16 2.45 0.00
WARRENSBURG____ 23737	46.52 3.09 0.00	47.05 2.92 0.00	45.61 2.87 0.00	43.99 2.80 0.00	45.39 2.87 0.00	41.78 2.58 0.00	41.85 2.81 0.00	44.34 3.09 0.00	43.31 3.01 0.00	39.28 2.55 0.00	40.97 2.57 0.00	45.18 2.78 0.00	40.80 2.55 0.00	40.35 2.49 0.00	45.16 2.93 0.00	55.50 3.80 0.00	76.00 5.77 0.00	72.21 5.62 0.00	73.06 5.57 0.00	74.31 5.56 0.00	74.61 5.83 0.00	55.72 4.30 0.00	58.79 4.55 0.00	60.28 4.56 0.00
WATERSIDE___6 8 9 23538	45.69 2.27 0.00	46.27 2.14 0.00	44.78 2.05 0.00	43.23 2.05 0.00	44.55 2.04 0.00	41.12 1.92 0.00	41.13 2.09 0.00	43.57 2.32 0.00	42.50 2.19 0.00	38.80 2.07 0.00	40.65 2.25 0.00	44.76 2.35 0.00	40.41 2.15 0.00	39.97 2.11 0.00	44.45 2.22 0.00	54.36 2.65 0.00	73.57 3.33 0.00	70.06 3.47 0.00	71.08 3.60 0.00	72.60 3.85 0.00	72.87 4.09 0.00	54.51 3.09 0.00	57.35 3.11 0.00	58.66 2.94 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.49 1.07 0.00	45.16 1.02 0.00	43.69 0.95 0.00	42.12 0.94 0.00	43.51 0.99 0.00	40.12 0.92 0.00	40.06 1.03 0.00	42.38 1.13 0.00	41.31 1.01 0.00	37.55 0.83 0.00	39.15 0.75 0.00	43.18 0.78 0.00	38.88 0.62 0.00	38.53 0.68 0.00	43.14 0.91 0.00	53.17 1.47 0.00	72.56 2.33 0.00	69.00 2.40 0.00	69.95 2.46 0.00	71.19 2.45 0.00	71.30 2.52 0.00	53.32 1.89 0.00	56.10 1.86 0.00	57.45 1.73 0.00

WDELAWARE___HYD 323627	44.83 1.40 0.00	45.36 1.23 0.00	43.83 1.10 0.00	42.29 1.11 0.00	43.66 1.14 0.00	40.29 1.09 0.00	40.30 1.27 0.00	42.67 1.42 0.00	41.63 1.33 0.00	37.85 1.12 0.00	39.49 1.09 0.00	43.68 1.28 0.00	39.41 1.16 0.00	38.85 0.99 0.00	43.26 1.03 0.00	53.17 1.46 0.00	72.54 2.30 0.00	69.14 2.55 0.00	70.11 2.62 0.00	71.44 2.70 0.00	71.55 2.77 0.00	53.48 2.06 0.00	56.30 2.06 0.00	57.58 1.86 0.00
WEST BABYLON___IC 23714	46.67 3.24 0.00	47.13 2.99 0.00	45.42 2.68 0.00	43.84 2.66 0.00	45.26 2.75 0.00	41.80 2.60 0.00	41.85 2.81 0.00	44.20 2.95 0.00	42.91 2.48 -0.12	39.71 2.45 -0.54	41.12 2.72 0.00	45.23 2.82 0.00	40.63 2.37 0.00	40.30 2.45 0.00	44.89 2.66 0.00	55.22 3.52 0.00	78.61 4.99 -3.38	88.41 4.94 -16.87	77.28 5.20 -4.59	81.38 5.20 -7.43	78.89 5.39 -4.72	60.62 3.96 -5.24	63.45 4.21 -5.01	61.74 4.12 -1.90
WEST CANADA___HYD 24049	43.61 0.18 0.00	44.28 0.15 0.00	42.86 0.13 0.00	41.30 0.12 0.00	42.65 0.13 0.00	39.32 0.12 0.00	39.15 0.12 0.00	41.37 0.12 0.00	40.44 0.13 0.00	36.87 0.15 0.00	38.56 0.15 0.00	42.56 0.16 0.00	38.40 0.14 0.00	37.99 0.13 0.00	42.40 0.17 0.00	51.94 0.23 0.00	70.52 0.28 0.00	66.90 0.31 0.00	67.79 0.30 0.00	69.03 0.28 0.00	69.06 0.28 0.00	51.68 0.26 0.00	54.50 0.26 0.00	55.97 0.25 0.00
WESTERN_NY_WIND 24143	43.81 0.38 0.00	44.63 0.50 0.00	43.37 0.63 0.00	41.60 0.42 0.00	42.96 0.44 0.00	39.84 0.64 0.00	39.66 0.63 0.00	41.68 0.43 0.00	41.30 0.99 0.00	37.65 0.92 0.00	39.13 0.73 0.00	43.40 1.00 0.00	38.87 0.61 0.00	38.47 0.62 0.00	43.06 0.83 0.00	52.37 0.66 0.00	71.36 1.12 0.00	67.28 0.69 0.00	68.20 0.71 0.00	68.55 0.71 0.00	67.33 -0.20 0.00	50.05 -1.45 0.00	52.82 -1.38 0.00	54.55 -1.42 0.00
WESTOVER___LESR 323668	43.22 -0.21 0.00	43.92 -0.21 0.00	42.54 -0.19 0.00	40.98 -0.20 0.00	42.36 -0.15 0.00	38.96 -0.24 0.00	38.90 -0.14 0.00	41.13 -0.12 0.00	40.31 0.00 0.00	36.79 0.07 0.00	38.39 -0.01 0.00	42.57 0.16 0.00	38.30 0.04 0.00	37.87 0.01 0.00	42.32 0.08 0.00	51.83 0.12 0.00	70.24 0.00 0.00	66.57 -0.03 0.00	67.43 -0.06 0.00	68.45 -0.29 0.00	68.20 -0.58 0.00	50.86 -0.57 0.00	53.59 -0.65 0.00	54.94 -0.78 0.00
WETHRSFD_WT_PWR 323626	41.58 -1.85 0.00	42.34 -1.80 0.00	41.26 -1.48 0.00	39.68 -1.50 0.00	41.13 -1.38 0.00	38.15 -1.05 0.00	38.20 -0.83 0.00	40.40 -0.85 0.00	40.08 -0.22 0.00	36.60 -0.12 0.00	38.25 -0.16 0.00	42.65 0.24 0.00	38.24 -0.02 0.00	37.90 0.05 0.00	42.40 0.16 0.00	51.59 -0.11 0.00	70.01 -0.22 0.00	66.00 -0.60 0.00	66.80 -0.69 0.00	66.85 -1.90 0.00	65.31 -3.47 0.00	48.24 -3.19 0.00	50.63 -3.61 0.00	52.23 -3.48 0.00
WHAVSTOR_138KV_BK127 55557	45.27 1.84 0.00	45.80 1.67 0.00	44.27 1.53 0.00	42.72 1.54 0.00	44.10 1.58 0.00	40.67 1.48 0.00	40.64 1.61 0.00	43.04 1.79 0.00	41.97 1.67 0.00	38.27 1.54 0.00	40.03 1.62 0.00	44.17 1.76 0.00	39.87 1.62 0.00	39.44 1.58 0.00	43.89 1.66 0.00	53.74 2.04 0.00	72.90 2.66 0.00	69.46 2.86 0.00	70.40 2.92 0.00	71.79 3.04 0.00	72.01 3.23 0.00	53.87 2.44 0.00	56.70 2.46 0.00	58.04 2.32 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.27 1.84 0.00	45.80 1.67 0.00	44.27 1.53 0.00	42.72 1.54 0.00	44.10 1.58 0.00	40.67 1.48 0.00	40.64 1.61 0.00	43.04 1.79 0.00	41.97 1.67 0.00	38.27 1.54 0.00	40.03 1.62 0.00	44.17 1.76 0.00	39.87 1.62 0.00	39.44 1.58 0.00	43.89 1.66 0.00	53.74 2.04 0.00	72.90 2.66 0.00	69.46 2.86 0.00	70.40 2.92 0.00	71.79 3.04 0.00	72.01 3.23 0.00	53.87 2.44 0.00	56.70 2.46 0.00	58.04 2.32 0.00
WHITEHAL_115KV_TB1 80871	47.30 3.87 0.00	47.69 3.56 0.00	46.40 3.66 0.00	44.75 3.57 0.00	46.10 3.58 0.00	42.26 3.06 0.00	42.54 3.50 0.00	45.18 3.93 0.00	44.01 3.71 0.00	39.77 3.05 0.00	41.74 3.34 0.00	46.06 3.65 0.00	41.68 3.43 0.00	41.33 3.48 0.00	46.14 3.90 0.00	56.67 4.97 0.00	78.62 8.38 0.00	74.69 8.10 0.00	75.58 8.09 0.00	76.84 8.09 0.00	76.97 8.19 0.00	57.44 6.02 0.00	60.67 6.43 0.00	62.27 6.55 0.00
WHITEPLN_13_KV_LOAD 356215	45.88 2.45 0.00	46.42 2.28 0.00	44.87 2.13 0.00	43.31 2.13 0.00	44.67 2.16 0.00	41.22 2.02 0.00	41.23 2.19 0.00	43.65 2.40 0.00	42.59 2.28 0.00	38.84 2.11 0.00	40.66 2.26 0.00	44.82 2.42 0.00	40.46 2.20 0.00	40.02 2.17 0.00	44.56 2.33 0.00	54.55 2.85 0.00	74.02 3.78 0.00	70.52 3.92 0.00	71.49 4.01 0.00	72.88 4.13 0.00	73.09 4.31 0.00	54.68 3.26 0.00	57.54 3.30 0.00	58.88 3.16 0.00
WM_FLOYD_69_KV_BK2 356380	46.35 2.92 0.00	46.74 2.60 0.00	45.04 2.30 0.00	43.49 2.31 0.00	44.90 2.39 0.00	41.49 2.29 0.00	41.55 2.52 0.00	43.88 2.63 0.00	42.81 2.07 -0.44	40.62 1.96 -1.94	40.66 2.25 0.00	44.67 2.26 0.00	40.21 1.96 0.00	39.97 2.12 0.00	44.60 2.36 0.00	55.09 3.39 0.00	100.61 5.00 -25.37	262.34 5.25 -190.50	113.66 5.35 -40.82	148.22 5.44 -74.03	115.10 5.54 -40.78	112.03 4.19 -56.41	112.11 4.44 -53.43	83.32 4.43 -23.16
WOODARD__115KV_TB2 355635	42.95 -0.48 0.00	43.62 -0.51 0.00	42.24 -0.50 0.00	40.69 -0.50 0.00	42.01 -0.50 0.00	38.71 -0.49 0.00	38.49 -0.54 0.00	40.57 -0.68 0.00	39.74 -0.56 0.00	36.25 -0.47 0.00	37.88 -0.52 0.00	41.88 -0.53 0.00	37.75 -0.51 0.00	37.33 -0.52 0.00	41.67 -0.56 0.00	50.99 -0.72 0.00	69.28 -0.96 0.00	65.69 -0.90 0.00	66.56 -0.93 0.00	67.62 -1.13 0.00	67.46 -1.32 0.00	50.38 -1.05 0.00	53.05 -1.19 0.00	54.50 -1.22 0.00
WOODMERE_69_KV_BK1 55827	46.53 3.10 0.00	46.98 2.85 0.00	45.31 2.58 0.00	43.75 2.56 0.00	45.18 2.65 0.00	41.69 2.49 0.00	41.73 2.69 0.00	44.10 2.85 0.00	42.80 2.50 0.00	39.17 2.45 0.00	41.11 2.71 0.00	45.26 2.85 0.00	40.73 2.48 0.00	40.33 2.47 0.00	44.86 2.62 0.00	55.10 3.39 0.00	74.87 4.63 0.00	71.41 4.81 0.00	72.44 4.96 0.00	73.82 5.07 0.00	73.97 5.19 0.00	55.31 3.89 0.00	58.31 4.08 0.00	59.72 4.00 0.00
YORK___WARBASSE 23770	45.91 2.49 0.00	46.48 2.35 0.00	44.95 2.21 0.00	43.39 2.20 0.00	44.72 2.20 0.00	41.29 2.09 0.00	41.29 2.25 0.00	43.72 2.47 0.00	42.64 2.34 0.00	38.92 2.20 0.00	40.74 2.35 0.00	44.87 2.46 0.00	40.49 2.24 0.00	40.05 2.20 0.00	44.56 2.33 0.00	54.53 2.83 0.00	73.75 3.51 0.00	70.28 3.69 0.00	71.35 3.86 0.00	72.90 4.15 0.00	73.11 4.33 0.00	54.67 3.25 0.00	57.51 3.27 0.00	58.82 3.10 0.00