

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/08/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	45.85	37.99	34.86	36.65	36.82	35.92	39.32	45.30	42.14	41.93	42.55	44.59	46.88	60.02	49.68	56.46	69.45	82.30	70.55	81.63	69.77	60.16	51.76	39.20
24138	1.17	0.94	0.83	0.80	0.83	0.89	1.11	1.45	1.47	1.42	1.66	1.59	1.39	1.61	1.67	1.71	1.75	2.48	1.70	1.28	0.93	0.77	1.18	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	-0.91	-2.00	-1.77	-7.22	-1.59	-0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	45.91	38.05	34.92	36.71	36.90	35.98	39.35	45.33	42.17	41.93	42.54	44.56	46.86	60.00	49.66	56.46	69.52	82.39	70.62	81.82	69.94	60.33	51.86	39.25
24260	1.22	1.00	0.90	0.86	0.91	0.95	1.14	1.49	1.50	1.42	1.66	1.56	1.37	1.59	1.66	1.71	1.82	2.56	1.77	1.47	1.11	0.94	1.28	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	-0.91	-2.00	-1.77	-7.22	-1.59	-0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	45.91	38.05	34.92	36.71	36.90	35.98	39.35	45.33	42.17	41.93	42.54	44.56	46.86	60.00	49.66	56.46	69.52	82.39	70.62	81.82	69.94	60.33	51.86	39.25
24261	1.22	1.00	0.90	0.86	0.91	0.95	1.14	1.49	1.50	1.42	1.66	1.56	1.37	1.59	1.66	1.71	1.82	2.56	1.77	1.47	1.11	0.94	1.28	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.45	-0.91	-2.00	-1.77	-7.22	-1.59	-0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	46.92	38.77	35.75	37.49	37.69	36.75	39.91	45.78	42.25	37.06	40.06	40.00	42.73	45.58	45.95	54.51	69.82	83.11	72.54	84.47	72.46	62.25	52.78	39.79
24011	2.23	1.73	1.72	1.64	1.70	1.72	1.70	1.93	1.58	1.19	0.92	0.79	0.59	0.83	0.95	1.44	2.12	3.29	3.68	4.12	3.62	2.87	2.20	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.19	0.82	1.79	1.59	6.43	1.41	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.37	39.10	36.05	37.73	37.95	37.04	40.19	46.11	42.50	37.23	40.24	40.24	42.99	45.91	46.27	54.93	70.41	83.84	73.15	85.17	73.05	62.76	53.17	40.11
23798	2.68	2.05	2.02	1.88	1.96	2.00	1.98	2.26	1.83	1.33	1.08	1.02	0.83	1.07	1.25	1.84	2.71	4.01	4.30	4.82	4.21	3.38	2.59	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0.81	1.77	1.56	6.34	1.39	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	46.92	38.77	35.75	37.49	37.69	36.75	39.91	45.78	42.25	37.06	40.06	40.00	42.73	45.58	45.95	54.51	69.82	83.11	72.54	84.47	72.46	62.25	52.78	39.79
24028	2.23	1.73	1.72	1.64	1.70	1.72	1.70	1.93	1.58	1.19	0.92	0.79	0.59	0.83	0.95	1.44	2.12	3.29	3.68	4.12	3.62	2.87	2.20	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.19	0.82	1.79	1.59	6.43	1.41	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	45.98	38.24	35.30	37.07	37.29	36.30	39.25	45.04	41.56	33.74	38.53	37.15	39.98	36.66	43.11	52.05	67.34	80.09	69.45	80.63	69.43	59.91	51.10	38.60
23527	1.29	1.20	1.26	1.22	1.30	1.26	1.04	1.20	0.89	0.52	0.37	0.12	-0.24	-0.22	-0.15	-0.05	-0.35	0.26	0.60	0.28	0.59	0.53	0.52	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.84	1.81	3.96	3.51	14.30	3.15	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	44.19	36.70	33.84	35.63	35.81	34.77	37.81	43.42	40.28	35.76	38.65	38.75	41.39	44.80	44.33	52.18	66.21	78.51	67.87	78.89	67.68	58.32	49.75	37.52
24190	-0.50	-0.35	-0.19	-0.23	-0.19	-0.26	-0.40	-0.43	-0.39	-0.52	-0.66	-0.80	-1.05	-1.11	-0.92	-1.04	-1.49	-1.32	-0.98	-1.46	-1.16	-1.06	-0.83	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.66	1.46	1.29	5.27	1.16	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	45.49	37.76	34.59	36.47	36.60	35.64	38.89	44.74	41.57	38.89	40.60	41.73	44.71	52.22	47.19	54.72	68.76	80.33	69.13	80.96	69.53	60.21	51.23	38.63
355683	0.80	0.71	0.56	0.62	0.61	0.61	0.68	0.90	0.90	0.82	0.63	0.73	0.99	1.03	0.77	0.86	1.07	0.50	0.28	0.61	0.69	0.82	0.65	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.25	37.57	34.65	36.48	36.66	35.64	38.71	44.35	40.95	37.02	39.55	39.87	42.52	47.36	45.40	53.25	67.35	79.93	69.37	80.96	69.50	59.91	51.04	38.48
323833	0.56	0.52	0.61	0.63	0.66	0.61	0.50	0.51	0.28	0.11	0.01	-0.19	-0.37	-0.39	-0.26	-0.19	-0.35	0.10	0.51	0.61	0.66	0.53	0.46	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.43	0.94	0.83	3.44	0.76	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	45.24	37.56	34.63	36.48	36.66	35.63	38.70	44.34	40.95	37.02	39.54	39.87	42.51	47.35	45.38	53.24	67.33	79.92	69.35	80.93	69.48	59.88	51.02	38.46
323834	0.55	0.51	0.60	0.63	0.66	0.60	0.49	0.49	0.28	0.10	0.00	-0.19	-0.39	-0.39	-0.27	-0.20	-0.36	0.09	0.50	0.58	0.64	0.49	0.44	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.43	0.94	0.83	3.44	0.76	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	44.19	36.70	33.84	35.63	35.81	34.77	37.81	43.42	40.28	35.76	38.65	38.75	41.39	44.80	44.33	52.18	66.21	78.51	67.87	78.89	67.68	58.32	49.75	37.52
23571	-0.50	-0.35	-0.19	-0.23	-0.19	-0.26	-0.40	-0.43	-0.39	-0.52	-0.66	-0.80	-1.05	-1.11	-0.92	-1.04	-1.49	-1.32	-0.98	-1.46	-1.16	-1.06	-0.83	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.66	1.46	1.29	5.27	1.16	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	44.19 -0.50 0.00	36.70 -0.35 0.00	33.84 -0.19 0.00	35.63 -0.23 0.00	35.81 -0.19 0.00	34.77 -0.26 0.00	37.81 -0.40 0.00	43.42 -0.43 0.00	40.28 -0.39 0.00	35.76 -0.52 1.78	38.65 -0.66 0.66	38.75 -0.80 1.46	41.39 -1.05 1.29	44.80 -1.11 5.27	44.33 -0.92 1.16	52.18 -1.04 0.65	66.21 -1.49 0.00	78.51 -1.32 0.00	67.87 -0.98 0.00	78.89 -1.46 0.00	67.68 -1.16 0.00	58.32 -1.06 0.00	49.75 -0.83 0.00	37.52 -0.57 0.00
ALBANY___3 23573	44.19 -0.50 0.00	36.70 -0.35 0.00	33.84 -0.19 0.00	35.63 -0.23 0.00	35.81 -0.19 0.00	34.77 -0.26 0.00	37.81 -0.40 0.00	43.42 -0.43 0.00	40.28 -0.39 0.00	35.76 -0.52 1.78	38.65 -0.66 0.66	38.75 -0.80 1.46	41.39 -1.05 1.29	44.80 -1.11 5.27	44.33 -0.92 1.16	52.18 -1.04 0.65	66.21 -1.49 0.00	78.51 -1.32 0.00	67.87 -0.98 0.00	78.89 -1.46 0.00	67.68 -1.16 0.00	58.32 -1.06 0.00	49.75 -0.83 0.00	37.52 -0.57 0.00
ALBANY___4 23574	44.19 -0.50 0.00	36.70 -0.35 0.00	33.84 -0.19 0.00	35.63 -0.23 0.00	35.81 -0.19 0.00	34.77 -0.26 0.00	37.81 -0.40 0.00	43.42 -0.43 0.00	40.28 -0.39 0.00	35.76 -0.52 1.78	38.65 -0.66 0.66	38.75 -0.80 1.46	41.39 -1.05 1.29	44.80 -1.11 5.27	44.33 -0.92 1.16	52.18 -1.04 0.65	66.21 -1.49 0.00	78.51 -1.32 0.00	67.87 -0.98 0.00	78.89 -1.46 0.00	67.68 -1.16 0.00	58.32 -1.06 0.00	49.75 -0.83 0.00	37.52 -0.57 0.00
ALBANY___LFGE 323615	44.71 0.02 0.00	37.11 0.06 0.00	34.22 0.19 0.00	36.01 0.16 0.00	36.19 0.19 0.00	35.17 0.14 0.00	38.25 0.04 0.00	43.92 0.08 0.00	40.73 0.06 0.00	36.02 -0.09 1.95	39.06 -0.18 0.73	39.09 -0.31 1.60	41.81 -0.50 1.41	44.96 -0.45 5.77	44.85 -0.29 1.27	52.86 -0.29 0.71	67.17 -0.53 0.00	79.70 -0.13 0.00	68.88 0.03 0.00	80.04 -0.31 0.00	68.65 -0.19 0.00	59.14 -0.24 0.00	50.40 -0.18 0.00	37.98 -0.11 0.00
ALCOA_PA_115KV_PL-6C 55860	45.93 1.25 0.00	38.14 1.09 0.00	34.93 0.90 0.00	36.81 0.96 0.00	36.95 0.96 0.00	35.99 0.95 0.00	39.27 1.06 0.00	45.18 1.34 0.00	41.97 1.30 0.00	39.23 1.16 0.00	40.93 0.96 0.00	42.06 1.06 0.00	45.09 1.37 0.00	52.67 1.48 0.00	47.59 1.18 0.00	55.18 1.32 0.00	69.28 1.59 0.00	80.52 0.69 0.00	69.33 0.48 0.00	81.27 0.92 0.00	69.84 1.01 0.00	60.71 1.33 0.00	51.70 1.12 0.00	38.99 0.90 0.00
ALCOA_RYNLDS___DRP 24188	45.93 1.25 0.00	38.14 1.09 0.00	34.93 0.90 0.00	36.81 0.96 0.00	36.95 0.96 0.00	35.99 0.95 0.00	39.27 1.06 0.00	45.18 1.34 0.00	41.97 1.30 0.00	39.23 1.16 0.00	40.93 0.96 0.00	42.06 1.06 0.00	45.09 1.37 0.00	52.67 1.48 0.00	47.59 1.18 0.00	55.18 1.32 0.00	69.28 1.59 0.00	80.52 0.69 0.00	69.33 0.48 0.00	81.27 0.92 0.00	69.84 1.01 0.00	60.71 1.33 0.00	51.70 1.12 0.00	38.99 0.90 0.00
ALCOA___DSASP 323711	45.93 1.25 0.00	38.14 1.09 0.00	34.93 0.90 0.00	36.81 0.96 0.00	36.95 0.96 0.00	35.99 0.95 0.00	39.27 1.06 0.00	45.18 1.33 0.00	41.97 1.30 0.00	39.23 1.16 0.00	40.93 0.96 0.00	42.06 1.06 0.00	45.09 1.36 0.00	52.67 1.48 0.00	47.59 1.17 0.00	55.18 1.31 0.00	69.28 1.59 0.00	80.52 0.69 0.00	69.33 0.48 0.00	81.27 0.92 0.00	69.84 1.01 0.00	60.71 1.33 0.00	51.70 1.12 0.00	38.99 0.90 0.00
ALLEGHENY___COGEN 23514	47.31 2.63 0.00	38.71 1.67 0.00	35.22 1.19 0.00	37.35 1.50 0.00	37.42 1.43 0.00	36.64 1.60 0.00	40.24 2.03 0.00	45.54 1.69 0.00	41.75 1.08 0.00	39.48 1.42 0.00	42.17 2.20 0.00	43.51 2.52 0.00	46.50 2.78 0.00	53.55 2.36 0.00	47.97 1.55 0.00	55.87 2.02 0.00	70.78 3.09 0.00	83.50 3.67 0.00	72.42 3.57 0.00	85.81 5.45 0.00	73.79 4.95 0.00	63.51 4.13 0.00	53.55 2.96 0.00	41.01 2.92 0.00
ALTAMONT_115KV_TB 2 55880	44.84 0.15 0.00	37.22 0.17 0.00	34.29 0.26 0.00	36.09 0.24 0.00	36.27 0.27 0.00	35.25 0.22 0.00	38.37 0.15 0.00	44.03 0.18 0.00	40.76 0.09 0.00	36.84 -0.12 1.10	39.40 -0.16 0.41	39.81 -0.28 0.90	42.45 -0.48 0.80	47.40 -0.38 3.41	45.42 -0.24 0.76	53.17 -0.27 0.42	67.24 -0.45 0.00	79.64 -0.19 0.00	68.83 -0.02 0.00	80.10 -0.25 0.00	68.71 -0.13 0.00	59.24 -0.14 0.00	50.55 -0.03 0.00	38.12 0.03 0.00
ALTONA_WT_PWR 323606	44.99 0.30 0.00	37.55 0.50 0.00	34.43 0.40 0.00	36.28 0.43 0.00	36.40 0.41 0.00	35.44 0.41 0.00	38.72 0.51 0.00	44.58 0.74 0.00	41.42 0.75 0.00	38.76 0.69 0.00	40.46 0.49 0.00	41.81 0.81 0.00	44.93 1.21 0.00	52.30 1.11 0.00	47.33 0.92 0.00	54.79 0.93 0.00	68.75 1.06 0.00	80.19 0.36 0.00	68.77 -0.08 0.00	80.26 -0.09 0.00	69.11 0.27 0.00	59.72 0.34 0.00	50.77 0.19 0.00	38.38 0.29 0.00
AMERICAN_REF_FUEL 24010	44.67 -0.02 0.00	36.67 -0.37 0.00	33.29 -0.74 0.00	35.50 -0.35 0.00	35.42 -0.57 0.00	34.56 -0.48 0.00	37.90 -0.31 0.00	42.73 -1.12 0.00	40.02 -0.64 0.00	38.69 0.63 0.00	41.82 1.85 0.00	43.21 2.22 0.00	46.62 2.89 0.00	54.13 2.94 0.00	48.43 2.02 0.00	56.48 2.62 0.00	71.46 3.77 0.00	83.03 3.20 0.00	70.78 1.93 0.00	82.75 2.40 0.00	70.04 1.20 0.00	60.70 1.32 0.00	51.58 1.00 0.00	39.12 1.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.88 0.20 0.00	36.78 -0.27 0.00	33.31 -0.72 0.00	35.47 -0.38 0.00	35.20 -0.79 0.00	34.46 -0.57 0.00	38.07 -0.14 0.00	43.24 -0.60 0.00	40.85 0.18 0.00	39.63 1.56 0.00	43.08 3.11 0.00	44.45 3.46 0.00	47.97 4.24 0.00	56.16 4.97 0.00	50.44 4.02 0.00	58.72 4.85 0.00	74.26 6.56 0.00	86.92 7.09 0.00	73.96 5.10 0.00	86.81 6.46 0.00	73.40 4.56 0.00	63.34 3.95 0.00	53.35 2.78 0.00	39.68 1.59 0.00
ARTHUR KILL_GT_1 23520	45.61 0.93 0.00	37.89 0.84 0.00	34.77 0.73 0.00	36.54 0.69 0.00	36.74 0.75 0.00	35.82 0.78 0.00	39.18 0.97 0.00	45.01 1.16 0.00	41.75 1.08 0.00	41.41 0.90 -2.45	41.96 1.07 -0.91	43.96 0.96 -2.00	46.14 0.65 -1.77	58.94 0.69 -7.06	49.11 1.11 -1.59	55.46 0.71 -0.89	68.50 0.81 0.00	81.21 1.38 0.00	69.99 1.14 0.00	81.08 0.73 0.00	69.26 0.42 0.00	59.93 0.55 0.00	51.78 1.20 0.00	39.39 1.31 0.00
ARTHUR_KILL_2 23512	45.47 0.78 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.43 0.58 0.00	36.63 0.64 0.00	35.71 0.67 0.00	39.06 0.85 0.00	44.89 1.04 0.00	41.61 0.94 0.00	41.31 0.80 -2.45	41.84 0.95 -0.91	43.85 0.85 -2.00	46.02 0.52 -1.77	58.77 0.53 -7.05	48.97 0.97 -1.59	55.29 0.54 -0.89	68.28 0.59 0.00	80.92 1.09 0.00	69.74 0.89 0.00	80.78 0.43 0.00	69.00 0.16 0.00	59.72 0.33 0.00	51.62 1.04 0.00	39.26 1.17 0.00
ARTHUR_KILL_3 23513	45.30 0.61 0.00	37.55 0.51 0.00	34.45 0.43 0.00	36.24 0.39 0.00	36.41 0.42 0.00	35.50 0.47 0.00	38.82 0.61 0.00	44.70 0.85 0.00	41.56 0.89 0.00	41.35 0.85 -2.45	41.90 1.02 -0.91	43.92 0.92 -2.00	46.16 0.66 -1.77	59.16 0.75 -7.22	48.92 0.91 -1.59	55.60 0.85 -0.89	68.38 0.68 0.00	81.07 1.24 0.00	69.50 0.65 0.00	80.49 0.14 0.00	68.84 0.00 0.00	59.40 0.02 0.00	51.13 0.55 0.00	38.73 0.64 0.00

ARTHUR_KILL_COGEN 323718	45.62 0.93 0.00	37.89 0.84 0.00	34.77 0.73 0.00	36.54 0.69 0.00	36.74 0.75 0.00	35.82 0.78 0.00	39.18 0.97 0.00	45.02 1.18 0.00	41.74 1.07 0.00	41.42 0.92 -2.45	41.96 1.07 -0.91	43.97 0.97 -2.00	46.14 0.65 -1.77	58.94 0.70 -7.05	49.11 1.11 -1.59	55.46 0.71 -0.89	68.51 0.82 0.00	81.21 1.38 0.00	69.99 1.14 0.00	81.08 0.73 0.00	69.26 0.42 0.00	59.94 0.56 0.00	51.81 1.23 0.00	39.39 1.31 0.00
ASHOKAN____ 23654	45.37 0.69 0.00	37.58 0.53 0.00	34.58 0.55 0.00	36.35 0.50 0.00	36.52 0.53 0.00	35.55 0.51 0.00	38.75 0.54 0.00	44.61 0.76 0.00	41.24 0.57 0.00	38.65 0.59 0.00	40.54 0.57 0.00	41.50 0.50 0.00	44.03 0.30 0.00	51.65 0.46 0.00	47.20 0.78 0.00	54.89 1.03 0.00	68.60 0.91 0.00	81.63 1.80 0.00	70.63 1.77 0.00	82.25 1.90 0.00	70.39 1.55 0.00	60.52 1.14 0.00	51.56 0.98 0.00	38.77 0.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.52 0.83 0.00	37.74 0.70 0.00	34.65 0.62 0.00	36.41 0.56 0.00	36.63 0.64 0.00	35.68 0.64 0.00	39.04 0.83 0.00	44.83 0.99 0.00	41.82 1.15 0.00	41.52 1.01 -2.45	42.02 1.14 -0.91	44.02 1.02 -2.00	46.27 0.77 -1.77	59.31 0.90 -7.22	49.06 1.05 -1.59	55.49 0.74 -0.89	68.39 0.69 0.00	81.16 1.33 0.00	69.55 0.70 0.00	80.63 0.28 0.00	68.91 0.07 0.00	59.65 0.26 0.00	51.51 0.93 0.00	39.15 1.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.52 0.83 0.00	37.74 0.70 0.00	34.65 0.62 0.00	36.41 0.56 0.00	36.63 0.64 0.00	35.68 0.64 0.00	39.04 0.83 0.00	44.83 0.99 0.00	41.82 1.15 0.00	41.52 1.01 -2.45	42.02 1.14 -0.91	44.02 1.02 -2.00	46.27 0.77 -1.77	59.31 0.90 -7.22	49.06 1.05 -1.59	55.49 0.74 -0.89	68.39 0.69 0.00	81.16 1.33 0.00	69.55 0.70 0.00	80.63 0.28 0.00	68.91 0.07 0.00	59.65 0.27 0.00	51.51 0.93 0.00	39.14 1.05 0.00
ASTORIA_GT2_1 24094	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT2_2 24095	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT2_3 24096	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT2_4 24097	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT3_1 24098	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT3_2 24099	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT3_3 24100	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT3_4 24101	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT4_1 24102	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT4_2 24103	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT4_3 24104	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00

ASTORIA_GT4_4 24105	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.40 0.00	69.57 0.72 0.00	80.70 0.34 0.00	68.96 0.12 0.00	59.68 0.30 0.00	51.52 0.95 0.00	39.16 1.07 0.00
ASTORIA_GT_1 23523	45.64 0.95 0.00	37.84 0.79 0.00	34.73 0.69 0.00	36.49 0.64 0.00	36.70 0.71 0.00	35.76 0.72 0.00	39.14 0.94 0.00	44.95 1.10 0.00	41.93 1.26 0.00	41.62 1.11 -2.45	42.14 1.26 -0.91	44.13 1.13 -2.00	46.40 0.91 -1.77	59.47 1.06 -7.22	49.20 1.20 -1.59	55.67 0.92 -0.89	68.60 0.90 0.00	81.43 1.60 0.00	69.75 0.90 0.00	80.89 0.54 0.00	69.11 0.27 0.00	59.82 0.43 0.00	51.65 1.07 0.00	39.23 1.14 0.00
ASTORIA_GT_10 24110	45.53 0.85 0.00	37.76 0.71 0.00	34.67 0.64 0.00	36.42 0.57 0.00	36.62 0.62 0.00	35.70 0.66 0.00	39.06 0.84 0.00	44.92 1.07 0.00	41.84 1.17 0.00	41.57 1.07 -2.45	42.14 1.26 -0.91	44.17 1.17 -2.00	46.43 0.93 -1.77	59.47 1.06 -7.22	49.22 1.21 -1.59	55.74 0.99 -0.89	68.69 1.00 0.00	81.48 1.65 0.00	69.81 0.96 0.00	80.87 0.52 0.00	69.11 0.27 0.00	59.70 0.31 0.00	51.49 0.91 0.00	39.05 0.96 0.00
ASTORIA_GT_11 24225	45.53 0.85 0.00	37.76 0.71 0.00	34.67 0.64 0.00	36.42 0.57 0.00	36.62 0.62 0.00	35.70 0.66 0.00	39.06 0.84 0.00	44.92 1.07 0.00	41.84 1.17 0.00	41.57 1.07 -2.45	42.14 1.26 -0.91	44.17 1.17 -2.00	46.43 0.93 -1.77	59.47 1.06 -7.22	49.22 1.21 -1.59	55.74 0.99 -0.89	68.69 1.00 0.00	81.48 1.65 0.00	69.81 0.96 0.00	80.87 0.52 0.00	69.11 0.27 0.00	59.70 0.31 0.00	51.49 0.91 0.00	39.05 0.96 0.00
ASTORIA_GT_12 24226	45.53 0.85 0.00	37.76 0.71 0.00	34.67 0.64 0.00	36.42 0.57 0.00	36.62 0.62 0.00	35.70 0.66 0.00	39.06 0.84 0.00	44.92 1.07 0.00	41.84 1.17 0.00	41.57 1.07 -2.45	42.14 1.26 -0.91	44.17 1.17 -2.00	46.43 0.93 -1.77	59.47 1.06 -7.22	49.22 1.21 -1.59	55.74 0.99 -0.89	68.69 1.00 0.00	81.48 1.65 0.00	69.81 0.96 0.00	80.87 0.52 0.00	69.11 0.27 0.00	59.70 0.31 0.00	51.49 0.91 0.00	39.05 0.96 0.00
ASTORIA_GT_13 24227	45.53 0.85 0.00	37.76 0.71 0.00	34.67 0.64 0.00	36.42 0.57 0.00	36.62 0.62 0.00	35.70 0.66 0.00	39.06 0.84 0.00	44.92 1.07 0.00	41.84 1.17 0.00	41.57 1.07 -2.45	42.14 1.26 -0.91	44.17 1.17 -2.00	46.43 0.93 -1.77	59.47 1.06 -7.22	49.22 1.21 -1.59	55.74 0.99 -0.89	68.69 1.00 0.00	81.48 1.65 0.00	69.81 0.96 0.00	80.87 0.52 0.00	69.11 0.27 0.00	59.70 0.31 0.00	51.49 0.91 0.00	39.05 0.96 0.00
ASTORIA_GT_5 24106	45.64 0.95 0.00	37.84 0.79 0.00	34.73 0.69 0.00	36.49 0.64 0.00	36.70 0.71 0.00	35.76 0.72 0.00	39.14 0.94 0.00	44.95 1.10 0.00	41.93 1.26 0.00	41.62 1.11 -2.45	42.14 1.26 -0.91	44.13 1.13 -2.00	46.40 0.91 -1.77	59.47 1.06 -7.22	49.20 1.20 -1.59	55.67 0.92 -0.89	68.60 0.90 0.00	81.43 1.60 0.00	69.75 0.90 0.00	80.89 0.54 0.00	69.11 0.27 0.00	59.82 0.43 0.00	51.65 1.07 0.00	39.23 1.14 0.00
ASTORIA_GT_7 24107	45.64 0.95 0.00	37.84 0.79 0.00	34.73 0.69 0.00	36.49 0.64 0.00	36.70 0.71 0.00	35.76 0.72 0.00	39.14 0.94 0.00	44.95 1.10 0.00	41.93 1.26 0.00	41.62 1.11 -2.45	42.14 1.26 -0.91	44.13 1.13 -2.00	46.40 0.91 -1.77	59.47 1.06 -7.22	49.20 1.20 -1.59	55.67 0.92 -0.89	68.60 0.90 0.00	81.43 1.60 0.00	69.75 0.90 0.00	80.89 0.54 0.00	69.11 0.27 0.00	59.82 0.43 0.00	51.65 1.07 0.00	39.23 1.14 0.00
ASTORIA_GT_8 24108	45.64 0.95 0.00	37.84 0.79 0.00	34.73 0.69 0.00	36.49 0.64 0.00	36.70 0.71 0.00	35.76 0.72 0.00	39.14 0.94 0.00	44.95 1.10 0.00	41.93 1.26 0.00	41.62 1.11 -2.45	42.14 1.26 -0.91	44.13 1.13 -2.00	46.40 0.91 -1.77	59.47 1.06 -7.22	49.20 1.20 -1.59	55.67 0.92 -0.89	68.60 0.90 0.00	81.43 1.60 0.00	69.75 0.90 0.00	80.89 0.54 0.00	69.11 0.27 0.00	59.82 0.43 0.00	51.65 1.07 0.00	39.23 1.14 0.00
ASTORIA___2 24149	45.54 0.86 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.87 1.02 0.00	41.83 1.17 0.00	41.54 1.03 -2.45	42.05 1.16 -0.91	44.04 1.04 -2.00	46.29 0.80 -1.77	59.34 0.93 -7.22	49.08 1.07 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.39 0.00	69.58 0.73 0.00	80.70 0.35 0.00	68.96 0.12 0.00	59.69 0.30 0.00	51.55 0.97 0.00	39.16 1.07 0.00
ASTORIA___3 23516	45.54 0.86 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.87 1.02 0.00	41.83 1.17 0.00	41.54 1.03 -2.45	42.05 1.16 -0.91	44.04 1.04 -2.00	46.29 0.80 -1.77	59.34 0.93 -7.22	49.08 1.07 -1.59	55.52 0.76 -0.89	68.41 0.72 0.00	81.21 1.38 0.00	69.58 0.73 0.00	80.70 0.35 0.00	68.95 0.11 0.00	59.69 0.30 0.00	51.55 0.97 0.00	39.15 1.06 0.00
ASTORIA___4 23517	45.54 0.85 0.00	37.76 0.71 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.86 1.01 0.00	41.84 1.17 0.00	41.52 1.01 -2.45	42.05 1.17 -0.91	44.02 1.03 -2.00	46.29 0.80 -1.77	59.33 0.92 -7.22	49.08 1.08 -1.59	55.52 0.77 -0.89	68.41 0.72 0.00	81.22 1.39 0.00	69.57 0.72 0.00	80.69 0.34 0.00	68.95 0.11 0.00	59.68 0.30 0.00	51.52 0.94 0.00	39.15 1.06 0.00
ASTORIA___5 23518	45.53 0.84 0.00	37.76 0.71 0.00	34.67 0.64 0.00	36.42 0.57 0.00	36.62 0.62 0.00	35.70 0.66 0.00	39.06 0.84 0.00	44.93 1.09 0.00	41.83 1.16 0.00	41.59 1.08 -2.45	42.14 1.26 -0.91	44.17 1.17 -2.00	46.43 0.93 -1.77	59.47 1.06 -7.22	49.22 1.21 -1.59	55.72 0.98 -0.89	68.70 1.01 0.00	81.48 1.65 0.00	69.82 0.96 0.00	80.86 0.51 0.00	69.09 0.26 0.00	59.70 0.31 0.00	51.50 0.92 0.00	39.05 0.96 0.00
AST_ENERGY_2_CC3 323677	45.41 0.73 0.00	37.65 0.60 0.00	34.57 0.53 0.00	36.33 0.48 0.00	36.50 0.51 0.00	35.60 0.56 0.00	38.91 0.70 0.00	44.81 0.96 0.00	41.66 0.99 0.00	41.45 0.94 -2.45	42.00 1.12 -0.91	44.01 1.01 -2.00	46.27 0.77 -1.77	59.30 0.89 -7.22	49.02 1.02 -1.59	55.72 0.97 -0.89	68.56 0.87 0.00	81.27 1.45 0.00	69.72 0.87 0.00	80.73 0.38 0.00	69.04 0.19 0.00	59.55 0.17 0.00	51.26 0.68 0.00	38.81 0.72 0.00
AST_ENERGY_2_CC4 323678	45.41 0.73 0.00	37.65 0.60 0.00	34.57 0.53 0.00	36.33 0.48 0.00	36.50 0.51 0.00	35.60 0.56 0.00	38.91 0.70 0.00	44.81 0.96 0.00	41.66 0.99 0.00	41.45 0.94 -2.45	42.00 1.12 -0.91	44.01 1.01 -2.00	46.27 0.77 -1.77	59.30 0.89 -7.22	49.02 1.02 -1.59	55.72 0.97 -0.89	68.56 0.87 0.00	81.27 1.45 0.00	69.72 0.87 0.00	80.73 0.38 0.00	69.04 0.19 0.00	59.55 0.17 0.00	51.26 0.68 0.00	38.81 0.72 0.00

ATHENS_STG_1 23668	44.83 0.14 0.00	37.18 0.14 0.00	34.28 0.25 0.00	36.06 0.21 0.00	36.23 0.24 0.00	35.23 0.20 0.00	38.36 0.15 0.00	44.07 0.22 0.00	40.84 0.17 0.00	39.10 0.04 -1.00	40.41 0.07 -0.37	41.75 -0.07 -0.82	44.16 -0.29 -0.72	53.85 -0.28 -2.94	46.94 -0.13 -0.65	54.02 -0.20 -0.36	67.24 -0.46 0.00	79.61 -0.22 0.00	68.60 -0.25 0.00	79.72 -0.63 0.00	68.38 -0.46 0.00	58.96 -0.42 0.00	50.42 -0.16 0.00	38.06 -0.03 0.00
ATHENS_STG_2 23670	44.83 0.14 0.00	37.18 0.14 0.00	34.28 0.25 0.00	36.06 0.21 0.00	36.23 0.24 0.00	35.23 0.20 0.00	38.36 0.15 0.00	44.07 0.22 0.00	40.84 0.17 0.00	39.10 0.04 -1.00	40.41 0.07 -0.37	41.75 -0.07 -0.82	44.16 -0.29 -0.72	53.85 -0.28 -2.94	46.94 -0.13 -0.65	54.02 -0.20 -0.36	67.24 -0.46 0.00	79.61 -0.22 0.00	68.60 -0.25 0.00	79.72 -0.63 0.00	68.38 -0.46 0.00	58.96 -0.42 0.00	50.42 -0.16 0.00	38.06 -0.03 0.00
ATHENS_STG_3 23677	44.83 0.14 0.00	37.18 0.14 0.00	34.28 0.25 0.00	36.06 0.21 0.00	36.23 0.24 0.00	35.23 0.20 0.00	38.36 0.15 0.00	44.07 0.22 0.00	40.84 0.17 0.00	39.10 0.04 -1.00	40.41 0.07 -0.37	41.75 -0.07 -0.82	44.16 -0.29 -0.72	53.85 -0.28 -2.94	46.94 -0.13 -0.65	54.02 -0.20 -0.36	67.24 -0.46 0.00	79.61 -0.22 0.00	68.60 -0.25 0.00	79.72 -0.63 0.00	68.38 -0.46 0.00	58.96 -0.42 0.00	50.42 -0.16 0.00	38.06 -0.03 0.00
AUBURN___LFGE 323710	45.11 0.42 0.00	37.30 0.25 0.00	34.05 0.02 0.00	35.90 0.06 0.00	36.12 0.12 0.00	35.12 0.09 0.00	38.44 0.23 0.00	43.97 0.12 0.00	40.78 0.11 0.00	38.34 0.28 0.00	40.42 0.45 0.00	41.57 0.57 0.00	44.48 0.75 0.00	52.19 0.90 -0.10	47.28 0.86 0.00	54.85 0.84 -0.15	71.13 1.54 -1.89	85.70 1.84 -4.03	74.23 2.06 -3.33	83.13 2.78 0.00	70.70 1.86 0.00	60.88 1.50 0.00	51.66 1.08 0.00	38.66 0.57 0.00
BABYLON_RES_REC 323704	44.43 0.10 0.35	37.62 0.57 0.00	34.56 0.53 0.00	36.39 0.53 0.00	36.54 0.54 0.00	35.67 0.63 0.00	38.89 0.68 0.00	44.77 0.92 0.00	41.61 0.94 0.00	41.40 0.89 -2.45	42.11 1.22 -0.91	43.48 0.48 -2.00	43.79 -0.21 -0.27	44.40 -0.39 6.40	42.83 -0.12 3.47	37.26 -0.33 16.27	34.65 -0.68 32.36	78.24 -0.31 1.29	68.16 -0.70 0.00	78.13 -1.36 0.86	67.85 -0.99 0.00	51.83 -0.81 6.75	45.55 0.05 5.09	36.49 0.37 1.98
BALL_HILL_WT_PWR 323825	45.40 0.71 0.00	37.24 0.19 0.00	33.77 -0.26 0.00	35.98 0.12 0.00	35.83 -0.16 0.00	35.03 0.00 0.00	38.51 0.30 0.00	43.58 -0.26 0.00	40.91 0.24 0.00	39.50 1.44 0.00	42.75 2.78 0.00	44.10 3.10 0.00	47.53 3.80 0.00	55.45 4.26 0.00	49.76 3.34 0.00	57.98 4.11 0.00	73.32 5.63 0.00	85.71 5.88 0.00	72.84 3.98 0.00	85.25 4.90 0.00	72.12 3.28 0.00	62.29 2.90 0.00	52.70 2.13 0.00	39.57 1.48 0.00
BARON_WINDS___WT_PWR 323822	44.67 -0.02 0.00	36.65 -0.39 0.00	33.39 -0.65 0.00	35.46 -0.39 0.00	35.46 -0.54 0.00	34.73 -0.30 0.00	38.08 -0.13 0.00	43.17 -0.68 0.00	40.10 -0.57 0.00	38.17 0.10 0.00	40.80 0.83 0.00	42.04 1.04 0.00	45.22 1.49 0.00	52.76 1.54 -0.03	47.55 1.13 0.00	55.42 1.51 -0.04	70.44 2.23 -0.52	83.69 2.75 -1.10	71.79 2.02 -0.91	83.46 3.11 0.00	70.95 2.11 0.00	60.87 1.49 0.00	51.34 0.76 0.00	38.53 0.44 0.00
BARRETT_IC_1 23704	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_10 23701	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_11 23702	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_12 23703	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_2 23705	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_3 23706	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_4 23707	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_5 23708	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21

BARRETT_IC_6 23709	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_7 23710	44.76 0.07 -0.01	37.44 0.39 0.00	34.36 0.34 0.00	36.15 0.29 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.59 0.00	41.34 0.67 0.00	41.11 0.60 -2.45	41.89 1.01 -0.91	43.43 0.43 -2.00	45.55 0.12 -1.70	58.05 0.07 -6.80	48.12 0.32 -1.38	54.07 0.10 -0.12	66.10 -0.15 1.44	80.27 0.44 0.00	68.82 -0.03 0.00	79.64 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.82 -0.21 -0.45	38.47 0.17 -0.21
BARRETT_IC_8 23711	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT_IC_9 23700	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT___1 23545	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BARRETT___2 23546	44.76 0.07 -0.01	37.44 0.39 0.00	34.37 0.34 0.00	36.15 0.30 0.00	36.29 0.30 0.00	35.41 0.38 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.33 0.67 0.00	41.13 0.62 -2.45	41.89 1.01 -0.91	43.42 0.42 -2.00	45.55 0.12 -1.70	58.04 0.05 -6.80	48.12 0.32 -1.38	54.06 0.09 -0.12	66.11 -0.15 1.44	80.27 0.44 0.00	68.84 -0.01 0.00	79.65 -0.67 0.03	68.15 -0.69 0.00	58.50 -0.70 0.17	50.78 -0.25 -0.45	38.47 0.17 -0.21
BATAVIA__115KV_TB1 55881	46.60 1.91 0.00	38.23 1.18 0.00	34.73 0.70 0.00	36.91 1.06 0.00	36.88 0.88 0.00	36.01 0.98 0.00	39.51 1.30 0.00	44.81 0.96 0.00	41.73 1.06 0.00	39.75 1.69 0.00	42.28 2.31 0.00	43.61 2.61 0.00	47.01 3.29 0.00	54.88 3.69 0.00	49.31 2.89 0.00	57.67 3.81 0.00	73.21 5.51 0.00	85.68 5.84 0.00	73.32 4.47 0.00	86.09 5.74 0.00	72.91 4.08 0.00	63.11 3.73 0.00	54.10 3.52 0.00	40.77 2.68 0.00
BAYONEEC___CTG1 323682	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG10 323750	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG2 323683	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG3 323684	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG4 323685	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG5 323686	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG6 323687	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG7 323688	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00

BAYONEEC___CTG8 323689	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BAYONEEC___CTG9 323749	45.52 0.84 0.00	37.73 0.69 0.00	34.63 0.60 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.67 0.63 0.00	38.99 0.78 0.00	44.91 1.07 0.00	41.74 1.08 0.00	41.53 1.02 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.38 0.88 -1.77	59.41 1.00 -7.22	49.13 1.12 -1.59	55.85 1.09 -0.89	68.72 1.02 0.00	81.46 1.63 0.00	69.86 1.01 0.00	80.90 0.55 0.00	69.19 0.35 0.00	59.69 0.31 0.00	51.38 0.80 0.00	38.91 0.82 0.00
BEACON___LESR 323632	44.85 0.16 0.00	37.16 0.12 0.00	34.22 0.19 0.00	36.07 0.22 0.00	36.30 0.31 0.00	35.30 0.27 0.00	38.40 0.19 0.00	44.16 0.32 0.00	40.82 0.15 0.00	36.23 0.06 1.89	39.19 -0.07 0.71	39.25 -0.20 1.55	41.93 -0.43 1.37	45.29 -0.29 5.61	44.95 -0.23 1.24	53.03 -0.14 0.69	67.46 -0.23 0.00	80.04 0.22 0.00	69.24 0.39 0.00	80.51 0.16 0.00	68.94 0.10 0.00	59.27 -0.11 0.00	50.48 -0.10 0.00	38.11 0.02 0.00
BEAVER RIVER___HYD 24048	46.72 2.03 0.00	39.00 1.95 0.00	35.73 1.70 0.00	37.19 1.34 0.00	37.45 1.46 0.00	36.55 1.52 0.00	40.11 1.90 0.00	46.03 2.18 0.00	42.67 2.00 0.00	40.01 1.95 0.00	41.80 1.83 0.00	42.67 1.68 0.00	45.32 1.59 0.00	53.23 1.99 -0.05	48.15 1.74 0.00	55.98 2.03 -0.08	71.44 2.72 -1.03	85.04 3.02 -2.19	73.97 3.31 -1.81	85.18 4.83 0.00	73.61 4.78 0.00	63.60 4.22 0.00	53.88 3.31 0.00	39.94 1.85 0.00
BEEBEE_GT_13 23619	45.45 0.76 0.00	37.43 0.38 0.00	34.14 0.11 0.00	36.15 0.30 0.00	36.20 0.21 0.00	35.31 0.27 0.00	38.67 0.46 0.00	44.06 0.21 0.00	41.02 0.35 0.00	39.04 0.98 0.00	41.64 1.67 0.00	43.00 2.00 0.00	46.16 2.44 0.00	54.01 2.83 0.00	48.74 2.33 0.00	56.77 2.91 0.00	71.99 4.29 0.00	84.43 4.60 0.00	72.54 3.68 0.00	84.78 4.43 0.00	71.94 3.10 0.00	62.00 2.62 0.00	52.56 1.98 0.00	39.56 1.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	45.94 1.25 0.00	38.10 1.06 0.00	34.95 0.92 0.00	36.73 0.88 0.00	36.92 0.92 0.00	35.99 0.95 0.00	39.39 1.18 0.00	45.29 1.44 0.00	42.17 1.50 0.00	41.88 1.37 -2.45	42.49 1.61 -0.91	44.54 1.54 -2.00	46.82 1.32 -1.77	59.92 1.51 -7.22	49.66 1.66 -1.59	56.23 1.48 -0.89	69.37 1.67 0.00	82.25 2.42 0.00	70.54 1.69 0.00	81.76 1.41 0.00	69.86 1.02 0.00	60.38 1.00 0.00	52.11 1.53 0.00	39.52 1.43 0.00
BETHLEHEM___GRP 23843	44.19 -0.50 0.00	36.70 -0.35 0.00	33.84 -0.19 0.00	35.63 -0.23 0.00	35.81 -0.19 0.00	34.77 -0.26 0.00	37.81 -0.40 0.00	43.42 -0.43 0.00	40.28 -0.39 0.00	35.76 -0.52 1.78	38.65 -0.66 0.66	38.75 -0.80 1.46	41.39 -1.05 1.29	44.80 -1.11 5.27	44.33 -0.92 1.16	52.18 -1.04 0.65	66.21 -1.49 0.00	78.51 -1.32 0.00	67.87 -0.98 0.00	78.89 -1.46 0.00	67.68 -1.16 0.00	58.32 -1.06 0.00	49.75 -0.83 0.00	37.52 -0.57 0.00
BETHLEHEM___GS1 323560	44.19 -0.50 0.00	36.70 -0.35 0.00	33.84 -0.19 0.00	35.63 -0.22 0.00	35.81 -0.18 0.00	34.78 -0.26 0.00	37.81 -0.40 0.00	43.43 -0.42 0.00	40.27 -0.39 0.00	35.77 -0.52 1.78	38.65 -0.66 0.66	38.74 -0.80 1.46	41.39 -1.05 1.29	44.79 -1.12 5.27	44.34 -0.92 1.16	52.18 -1.04 0.65	66.21 -1.49 0.00	78.50 -1.33 0.00	67.86 -0.99 0.00	78.89 -1.47 0.00	67.68 -1.16 0.00	58.33 -1.06 0.00	49.74 -0.84 0.00	37.52 -0.57 0.00
BETHLEHEM___GS2 323561	44.19 -0.50 0.00	36.70 -0.35 0.00	33.84 -0.19 0.00	35.63 -0.22 0.00	35.81 -0.18 0.00	34.78 -0.26 0.00	37.81 -0.40 0.00	43.43 -0.42 0.00	40.27 -0.39 0.00	35.77 -0.52 1.78	38.65 -0.66 0.66	38.74 -0.80 1.46	41.39 -1.05 1.29	44.79 -1.12 5.27	44.34 -0.92 1.16	52.18 -1.04 0.65	66.21 -1.49 0.00	78.50 -1.33 0.00	67.86 -0.99 0.00	78.89 -1.47 0.00	67.68 -1.16 0.00	58.33 -1.06 0.00	49.74 -0.84 0.00	37.52 -0.57 0.00
BETHLEHEM___GS3 323562	44.19 -0.50 0.00	36.70 -0.35 0.00	33.84 -0.19 0.00	35.63 -0.22 0.00	35.81 -0.18 0.00	34.78 -0.26 0.00	37.81 -0.40 0.00	43.43 -0.42 0.00	40.27 -0.39 0.00	35.77 -0.52 1.78	38.65 -0.66 0.66	38.74 -0.80 1.46	41.39 -1.05 1.29	44.79 -1.12 5.27	44.34 -0.92 1.16	52.18 -1.04 0.65	66.21 -1.49 0.00	78.50 -1.33 0.00	67.86 -0.99 0.00	78.89 -1.47 0.00	67.68 -1.16 0.00	58.33 -1.06 0.00	49.74 -0.84 0.00	37.52 -0.57 0.00
BETHLEHEM___STEEL 23779	45.90 1.21 0.00	37.64 0.59 0.00	34.15 0.11 0.00	36.36 0.51 0.00	36.24 0.24 0.00	35.39 0.36 0.00	38.85 0.63 0.00	43.96 0.12 0.00	41.16 0.49 0.00	39.85 1.79 0.00	43.06 3.10 0.00	44.54 3.54 0.00	48.02 4.29 0.00	55.94 4.76 0.00	50.21 3.80 0.00	58.49 4.63 0.00	74.04 6.35 0.00	86.31 6.48 0.00	73.20 4.35 0.00	85.30 4.95 0.00	72.14 3.30 0.00	62.32 2.94 0.00	52.79 2.21 0.00	39.79 1.70 0.00
BETHLHEM_115KV_TB1 79974	44.32 -0.37 0.00	36.79 -0.26 0.00	33.94 -0.10 0.00	35.73 -0.12 0.00	35.90 -0.09 0.00	34.87 -0.17 0.00	37.92 -0.29 0.00	43.55 -0.29 0.00	40.37 -0.30 0.00	35.96 -0.42 1.67	38.82 -0.52 0.63	38.95 -0.67 1.37	41.61 -0.90 1.21	45.27 -0.94 4.97	44.55 -0.77 1.10	52.38 -0.87 0.61	66.43 -1.27 0.00	78.75 -1.08 0.00	68.05 -0.81 0.00	79.12 -1.23 0.00	67.89 -0.95 0.00	58.50 -0.88 0.00	49.91 -0.67 0.00	37.64 -0.45 0.00
BETHPAGE_CC_5 323564	44.38 0.02 0.32	37.48 0.43 0.00	34.41 0.38 0.00	36.21 0.36 0.00	36.37 0.37 0.00	35.49 0.46 0.00	38.71 0.49 0.00	44.56 0.71 0.00	41.44 0.77 0.00	41.26 0.75 -2.45	42.03 1.15 -0.91	43.51 0.51 -2.00	44.28 0.16 -0.40	46.12 0.21 5.28	43.80 0.44 3.05	39.17 0.18 14.87	37.81 -0.18 29.71	79.16 0.41 1.08	68.78 -0.07 0.00	78.86 -0.69 0.79	68.16 -0.68 0.00	52.68 -0.50 6.19	45.88 -0.06 4.64	36.57 0.28 1.80
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.11 1.43 0.00	37.80 0.75 0.00	34.29 0.26 0.00	36.50 0.65 0.00	36.38 0.38 0.00	35.52 0.49 0.00	39.01 0.79 0.00	44.16 0.31 0.00	41.35 0.69 0.00	40.04 1.97 0.00	43.29 3.32 0.00	44.78 3.78 0.00	48.31 4.58 0.00	56.30 5.12 0.00	50.55 4.13 0.00	58.91 5.05 0.00	74.57 6.87 0.00	86.91 7.08 0.00	73.57 4.72 0.00	85.55 5.20 0.00	72.32 3.48 0.00	62.45 3.07 0.00	52.88 2.30 0.00	39.83 1.74 0.00
BINGHAMTON___COGEN 23790	44.85 0.16 0.00	37.05 0.00 0.00	33.95 -0.09 0.00	35.86 0.01 0.00	35.94 -0.05 0.00	35.07 0.04 0.00	38.36 0.15 0.00	43.88 0.03 0.00	40.69 0.03 0.00	38.30 0.24 0.00	40.52 0.55 0.00	41.55 0.55 0.00	44.45 0.73 0.00	52.07 0.84 -0.05	47.14 0.73 0.00	54.86 0.93 -0.07	69.82 1.21 -0.92	83.42 1.64 -1.95	71.77 1.31 -1.61	82.14 1.79 0.00	70.04 1.20 0.00	60.30 0.91 0.00	51.18 0.60 0.00	38.44 0.35 0.00

BIXINCNT_115KV_LOAD 355685	45.82 1.13 0.00	37.56 0.52 0.00	34.11 0.08 0.00	36.27 0.42 0.00	36.22 0.23 0.00	35.33 0.30 0.00	38.87 0.66 0.00	44.01 0.17 0.00	41.03 0.36 0.00	39.75 1.68 0.00	42.91 2.94 0.00	44.27 3.27 0.00	47.76 4.03 0.00	55.78 4.59 0.00	50.09 3.68 0.00	58.08 4.22 0.00	73.28 5.59 0.00	85.49 5.66 0.00	72.88 4.03 0.00	85.19 4.84 0.00	72.06 3.22 0.00	62.04 2.65 0.00	52.47 1.90 0.00	39.46 1.37 0.00
BLACK RIVER___HYD 24047	47.20 2.51 0.00	39.36 2.31 0.00	36.01 1.98 0.00	37.40 1.55 0.00	37.73 1.73 0.00	36.86 1.82 0.00	40.57 2.36 0.00	46.48 2.63 0.00	43.08 2.42 0.00	40.43 2.37 0.00	42.18 2.21 0.00	43.05 2.06 0.00	45.62 1.89 0.00	53.59 2.31 -0.09	48.42 2.01 0.00	56.33 2.33 -0.14	72.76 3.33 -1.73	87.70 4.18 -3.69	76.54 4.64 -3.05	87.16 6.81 0.00	75.48 6.64 0.00	64.95 5.57 0.00	54.92 4.34 0.00	40.47 2.39 0.00
BLACKRVR_115KV_TB2 79977	47.21 2.52 0.00	39.35 2.31 0.00	36.01 1.98 0.00	37.40 1.55 0.00	37.73 1.73 0.00	36.86 1.82 0.00	40.57 2.36 0.00	46.48 2.64 0.00	43.08 2.41 0.00	40.43 2.37 0.00	42.18 2.21 0.00	43.06 2.06 0.00	45.62 1.89 0.00	53.59 2.31 -0.09	48.43 2.01 0.00	56.33 2.33 -0.14	72.76 3.33 -1.73	87.71 4.18 -3.69	76.53 4.64 -3.05	87.17 6.82 0.00	75.48 6.64 0.00	64.95 5.57 0.00	54.92 4.34 0.00	40.47 2.38 0.00
BLDWN_LI_69_KV_BK4 356085	44.90 0.40 0.19	37.71 0.66 0.00	34.60 0.57 0.00	36.39 0.54 0.00	36.54 0.55 0.00	35.67 0.63 0.00	38.90 0.69 0.00	44.79 0.94 0.00	41.66 0.99 0.00	41.42 0.91 -2.45	42.20 1.32 -0.91	43.75 0.75 -2.00	45.14 0.48 -0.93	51.43 0.58 0.33	45.98 0.79 1.23	45.85 0.70 8.70	50.30 0.66 18.05	81.06 1.23 0.00	69.51 0.66 0.00	80.04 0.17 0.48	68.95 0.11 0.00	55.70 0.05 3.73	48.35 0.39 2.62	37.66 0.57 1.00
BLISS_WT_PWR 323608	45.81 1.13 0.00	37.56 0.52 0.00	34.11 0.08 0.00	36.27 0.42 0.00	36.22 0.23 0.00	35.33 0.30 0.00	38.87 0.66 0.00	43.97 0.12 0.00	41.05 0.38 0.00	39.72 1.65 0.00	42.91 2.94 0.00	44.25 3.25 0.00	47.74 4.02 0.00	55.79 4.61 0.00	50.07 3.65 0.00	58.09 4.23 0.00	73.29 5.59 0.00	85.52 5.69 0.00	72.84 3.98 0.00	85.11 4.76 0.00	71.97 3.13 0.00	61.91 2.53 0.00	52.33 1.75 0.00	39.33 1.24 0.00
BLUESTONE___WT_PWR 323821	46.78 2.09 0.00	38.63 1.58 0.00	35.40 1.37 0.00	37.37 1.52 0.00	37.50 1.51 0.00	36.63 1.60 0.00	40.09 1.88 0.00	45.72 1.87 0.00	42.47 1.80 0.00	39.96 1.90 0.00	42.02 2.05 0.00	42.99 2.00 0.00	46.10 2.38 0.00	53.96 2.73 -0.04	48.81 2.40 0.00	56.76 2.84 -0.06	72.28 3.79 -0.79	86.40 4.88 -1.69	74.96 4.71 -1.39	86.13 5.78 0.00	73.65 4.82 0.00	62.63 3.25 0.00	53.09 2.52 0.00	39.81 1.72 0.00
BLUE_CIRC_CHEM_DRP 24182	44.90 0.21 0.00	37.29 0.24 0.00	34.40 0.36 0.00	36.22 0.37 0.00	36.40 0.41 0.00	35.38 0.34 0.00	38.43 0.22 0.00	44.07 0.22 0.00	40.77 0.11 0.00	36.88 -0.04 1.15	39.43 -0.11 0.43	39.78 -0.27 0.94	42.43 -0.46 0.83	47.25 -0.48 3.45	45.28 -0.37 0.76	53.07 -0.37 0.43	67.09 -0.61 0.00	79.50 -0.34 0.00	68.82 -0.03 0.00	80.16 -0.19 0.00	68.82 -0.02 0.00	59.34 -0.04 0.00	50.59 0.02 0.00	38.16 0.07 0.00
BOC_GAS_DRP 24189	44.61 -0.08 0.00	37.03 -0.01 0.00	34.15 0.12 0.00	35.94 0.09 0.00	36.11 0.12 0.00	35.10 0.06 0.00	38.19 -0.02 0.00	43.84 -0.01 0.00	40.63 -0.03 0.00	36.82 -0.15 1.10	39.39 -0.17 0.41	39.81 -0.29 0.90	42.44 -0.49 0.80	47.37 -0.51 3.30	45.30 -0.38 0.73	53.00 -0.45 0.41	66.94 -0.75 0.00	79.24 -0.59 0.00	68.41 -0.44 0.00	79.55 -0.80 0.00	68.25 -0.59 0.00	58.86 -0.53 0.00	50.26 -0.32 0.00	37.90 -0.19 0.00
BOONVILLE_115KV_TB1 79983	46.20 1.51 0.00	38.42 1.38 0.00	35.23 1.20 0.00	36.90 1.05 0.00	37.07 1.08 0.00	36.15 1.12 0.00	39.57 1.36 0.00	45.38 1.54 0.00	42.11 1.44 0.00	39.48 1.42 0.00	41.44 1.47 0.00	42.25 1.25 0.00	44.95 1.22 0.00	52.79 1.58 -0.03	47.90 1.48 0.00	55.71 1.81 -0.04	70.67 2.48 -0.50	83.92 3.02 -1.07	72.85 3.12 -0.88	84.36 4.01 0.00	72.47 3.63 0.00	62.43 3.04 0.00	52.94 2.36 0.00	39.48 1.39 0.00
BORALEX_4TH_BRANCH 23824	45.98 1.29 0.00	38.24 1.20 0.00	35.30 1.27 0.00	37.07 1.22 0.00	37.29 1.30 0.00	36.30 1.26 0.00	39.25 1.04 0.00	45.04 1.19 0.00	41.55 0.89 0.00	33.74 0.51 4.84	38.53 0.37 1.81	37.16 0.12 3.96	39.98 -0.24 3.51	36.66 -0.23 14.30	43.11 -0.15 3.15	52.05 -0.05 1.76	67.35 -0.35 0.00	80.08 0.25 0.00	69.45 0.60 0.00	80.63 0.28 0.00	69.43 0.59 0.00	59.91 0.53 0.00	51.10 0.52 0.00	38.60 0.51 0.00
BOWLINE___1 23526	45.36 0.68 0.00	37.59 0.54 0.00	34.50 0.47 0.00	36.31 0.46 0.00	36.49 0.50 0.00	35.55 0.52 0.00	38.83 0.62 0.00	44.69 0.84 0.00	41.43 0.76 0.00	41.00 0.64 -2.30	41.55 0.73 -0.86	43.50 0.63 -1.88	45.78 0.39 -1.66	58.53 0.56 -6.78	48.60 0.69 -1.49	55.38 0.68 -0.84	68.29 0.60 0.00	80.98 1.15 0.00	69.54 0.68 0.00	80.65 0.30 0.00	68.99 0.15 0.00	59.50 0.11 0.00	51.07 0.49 0.00	38.59 0.49 0.00
BOWLINE___2 23595	45.35 0.66 0.00	37.57 0.53 0.00	34.49 0.46 0.00	36.30 0.44 0.00	36.47 0.48 0.00	35.55 0.52 0.00	38.82 0.61 0.00	44.68 0.83 0.00	41.43 0.76 0.00	41.01 0.66 -2.30	41.61 0.78 -0.86	43.56 0.69 -1.88	45.84 0.45 -1.66	58.60 0.64 -6.78	48.65 0.74 -1.49	55.47 0.77 -0.84	68.39 0.70 0.00	81.10 1.27 0.00	69.64 0.78 0.00	80.77 0.42 0.00	69.09 0.25 0.00	59.59 0.21 0.00	51.14 0.56 0.00	38.65 0.56 0.00
BRADY___115KV_TB2 356060	46.76 2.07 0.00	38.81 1.76 0.00	35.52 1.49 0.00	37.44 1.59 0.00	37.59 1.59 0.00	36.62 1.59 0.00	39.99 1.78 0.00	45.93 2.08 0.00	42.54 1.87 0.00	39.58 1.52 0.00	41.13 1.16 0.00	42.24 1.24 0.00	45.34 1.62 0.00	52.98 1.80 0.00	47.81 1.40 0.00	55.46 1.60 0.00	69.60 1.90 0.00	80.76 0.93 0.00	69.85 1.00 0.00	82.45 2.10 0.00	71.09 2.25 0.00	61.86 2.47 0.00	52.67 2.09 0.00	39.70 1.61 0.00
BRANSCOMB___SOLAR 323811	46.31 1.62 0.00	38.34 1.29 0.00	35.35 1.32 0.00	37.12 1.26 0.00	37.32 1.33 0.00	36.35 1.31 0.00	39.48 1.27 0.00	45.28 1.43 0.00	41.78 1.11 0.00	36.40 0.78 2.44	39.61 0.56 0.91	39.38 0.38 2.00	42.11 0.16 1.77	44.39 0.38 7.18	45.27 0.43 1.58	53.71 0.73 0.89	68.76 1.06 0.00	81.83 2.00 0.00	71.25 2.40 0.00	83.00 2.64 0.00	71.22 2.38 0.00	61.27 1.89 0.00	52.10 1.52 0.00	39.25 1.16 0.00
BRDGHMPT_69_KV_BK1 55812	45.35 1.06 0.40	38.56 1.51 0.00	35.60 1.57 0.00	37.62 1.77 0.00	37.77 1.78 0.00	36.90 1.87 0.00	40.26 2.05 0.00	46.37 2.52 0.00	42.94 2.27 0.00	42.99 2.48 -2.45	43.48 2.59 -0.91	44.94 1.93 -2.00	45.31 1.50 -0.08	45.04 2.01 8.15	44.56 2.26 4.11	38.07 2.67 18.47	33.60 2.46 36.55	88.14 4.80 -3.52	72.45 3.59 0.00	82.77 3.39 0.97	71.63 2.79 0.00	53.70 1.93 7.62	46.60 1.80 5.78	37.29 1.45 2.25

BRENTWOD_69_KV_W. BRTWOOD 56703	44.43 0.13 0.39	37.76 0.71 0.00	34.72 0.69 0.00	36.58 0.73 0.00	36.72 0.73 0.00	35.85 0.81 0.00	39.08 0.87 0.00	44.94 1.09 0.00	41.78 1.11 0.00	41.57 1.06 -2.45	42.28 1.40 -0.91	43.59 0.59 -2.00	43.95 0.11 -0.11	43.53 0.21 7.87	42.85 0.44 4.01	36.06 0.32 18.11	31.96 0.18 35.91	77.96 1.12 2.99	68.96 0.11 0.00	79.01 -0.38 0.95	68.50 -0.34 0.00	51.63 -0.27 7.48	45.06 0.15 5.67	36.31 0.42 2.20
BRISTLHL_115KV_TB1 79998	43.97 -0.72 0.00	36.39 -0.66 0.00	33.39 -0.64 0.00	35.17 -0.68 0.00	35.30 -0.69 0.00	34.39 -0.64 0.00	37.58 -0.63 0.00	43.05 -0.80 0.00	39.90 -0.77 0.00	37.44 -0.62 0.00	39.44 -0.54 0.00	40.52 -0.47 0.00	43.27 -0.45 0.00	50.92 -0.49 -0.22	45.94 -0.47 0.00	53.73 -0.46 -0.33	71.27 -0.52 -4.10	88.19 -0.38 -8.74	75.81 -0.25 -7.21	80.21 -0.15 0.00	68.57 -0.27 0.00	59.05 -0.33 0.00	50.20 -0.38 0.00	37.71 -0.38 0.00
BROOKHAVEN___DRP 24191	44.06 -0.22 0.40	37.52 0.47 0.00	34.64 0.61 0.00	36.58 0.73 0.00	36.72 0.73 0.00	35.87 0.83 0.00	39.10 0.89 0.00	44.98 1.13 0.00	41.65 0.98 0.00	41.62 1.11 -2.45	42.05 1.17 -0.91	43.39 0.39 -2.00	43.63 -0.18 -0.08	43.01 -0.01 8.16	42.57 0.27 4.11	35.65 0.26 18.48	30.81 -0.32 36.57	84.57 1.20 -3.53	69.38 0.53 0.00	79.32 -0.05 0.97	68.85 0.02 0.00	51.43 -0.33 7.63	44.83 0.04 5.78	36.07 0.23 2.25
BROOKLYN_NAVY_YARD 23515	45.50 0.82 0.00	37.71 0.66 0.00	34.61 0.58 0.00	36.39 0.54 0.00	36.55 0.56 0.00	35.65 0.61 0.00	38.98 0.77 0.00	44.89 1.04 0.00	41.72 1.06 0.00	41.50 1.00 -2.45	42.03 1.15 -0.91	44.05 1.05 -2.00	46.32 0.82 -1.77	59.34 0.93 -7.22	49.07 1.06 -1.59	55.76 1.01 -0.89	68.60 0.91 0.00	81.31 1.48 0.00	69.74 0.89 0.00	80.76 0.41 0.00	69.07 0.23 0.00	59.61 0.22 0.00	51.34 0.76 0.00	38.89 0.80 0.00
BROOKLYN___ARMY_DRP 323595	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.04 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
BROOME_2_LFGE 323671	44.85 0.16 0.00	37.05 0.00 0.00	33.95 -0.09 0.00	35.87 0.01 0.00	35.94 -0.05 0.00	35.07 0.03 0.00	38.36 0.15 0.00	43.87 0.02 0.00	40.70 0.03 0.00	38.30 0.24 0.00	40.52 0.54 0.00	41.56 0.56 0.00	44.45 0.73 0.00	52.07 0.84 -0.05	47.13 0.72 0.00	54.87 0.94 -0.07	69.82 1.21 -0.92	83.42 1.63 -1.95	71.77 1.31 -1.61	82.14 1.79 0.00	70.04 1.20 0.00	60.29 0.91 0.00	51.18 0.60 0.00	38.44 0.35 0.00
BROOME___LFGE 323600	44.85 0.16 0.00	37.05 0.00 0.00	33.95 -0.09 0.00	35.87 0.01 0.00	35.94 -0.05 0.00	35.07 0.03 0.00	38.36 0.15 0.00	43.87 0.02 0.00	40.70 0.03 0.00	38.30 0.24 0.00	40.52 0.54 0.00	41.56 0.56 0.00	44.45 0.73 0.00	52.07 0.84 -0.05	47.13 0.72 0.00	54.87 0.94 -0.07	69.82 1.21 -0.92	83.42 1.63 -1.95	71.77 1.31 -1.61	82.14 1.79 0.00	70.04 1.20 0.00	60.29 0.91 0.00	51.18 0.60 0.00	38.44 0.35 0.00
BROWNFLS_115KV_TB 3_5 80003	46.60 1.92 0.00	38.82 1.77 0.00	35.54 1.51 0.00	37.19 1.34 0.00	37.41 1.41 0.00	36.48 1.45 0.00	39.95 1.74 0.00	45.90 2.05 0.00	42.55 1.88 0.00	39.81 1.75 0.00	41.54 1.57 0.00	42.50 1.50 0.00	45.33 1.61 0.00	53.13 1.91 -0.04	48.01 1.60 0.00	55.77 1.86 -0.05	70.66 2.26 -0.70	83.01 1.69 -1.49	71.91 1.83 -1.23	83.30 2.95 0.00	71.90 3.06 0.00	62.34 2.95 0.00	53.05 2.47 0.00	39.66 1.57 0.00
BROWNSV1_27_KV_LOAD 356125	45.99 1.30 0.00	38.10 1.05 0.00	34.96 0.93 0.00	36.75 0.90 0.00	36.92 0.93 0.00	36.01 0.98 0.00	39.38 1.17 0.00	45.35 1.50 0.00	42.19 1.52 0.00	41.94 1.44 -2.45	42.56 1.68 -0.91	44.60 1.60 -2.00	46.91 1.42 -1.77	60.06 1.65 -7.22	49.71 1.70 -1.59	56.52 1.77 -0.89	69.60 1.91 0.00	82.50 2.67 0.00	70.70 1.85 0.00	81.93 1.58 0.00	70.07 1.23 0.00	60.44 1.06 0.00	51.97 1.39 0.00	39.33 1.24 0.00
BURROWS___LYONSDAL 23803	46.27 1.59 0.00	38.55 1.50 0.00	35.34 1.31 0.00	36.93 1.08 0.00	37.13 1.14 0.00	36.21 1.18 0.00	39.65 1.44 0.00	45.51 1.66 0.00	42.21 1.54 0.00	39.59 1.52 0.00	41.52 1.54 0.00	42.33 1.33 0.00	45.01 1.28 0.00	52.87 1.65 -0.03	47.93 1.51 0.00	55.75 1.84 -0.05	70.83 2.53 -0.61	84.15 3.03 -1.29	73.10 3.18 -1.06	84.55 4.20 0.00	72.75 3.92 0.00	62.70 3.32 0.00	53.15 2.57 0.00	39.55 1.46 0.00
CAITHNESS_CC_1 323624	43.98 -0.31 0.40	37.45 0.40 0.00	34.54 0.51 0.00	36.44 0.59 0.00	36.59 0.60 0.00	35.73 0.70 0.00	38.96 0.75 0.00	44.83 0.98 0.00	41.53 0.86 0.00	41.51 1.00 -2.45	41.96 1.08 -0.91	43.29 0.29 -2.00	43.55 -0.25 -0.08	42.87 -0.15 8.17	42.44 0.14 4.12	35.46 0.09 18.48	30.66 -0.45 36.58	84.26 0.88 -3.55	69.09 0.23 0.00	78.99 -0.39 0.97	68.52 -0.32 0.00	51.21 -0.54 7.63	44.62 -0.17 5.79	35.99 0.15 2.25
CALPINE BETH_PAGE_GT4 24209	44.45 0.05 0.29	37.49 0.44 0.00	34.42 0.39 0.00	36.21 0.36 0.00	36.37 0.37 0.00	35.49 0.46 0.00	38.71 0.49 0.00	44.55 0.70 0.00	41.45 0.79 0.00	41.23 0.72 -2.45	42.01 1.13 -0.91	43.52 0.52 -2.00	44.44 0.18 -0.53	47.45 0.26 4.00	44.31 0.48 2.58	40.75 0.16 13.27	40.90 -0.14 26.66	80.33 0.41 -0.08	68.78 -0.07 0.00	78.94 -0.70 0.71	68.17 -0.67 0.00	53.38 -0.45 5.56	46.47 0.03 4.13	36.79 0.30 1.60
CALPINE_BETH_PAGE_GT_4 323586	44.45 0.05 0.29	37.49 0.45 0.00	34.42 0.39 0.00	36.21 0.36 0.00	36.37 0.37 0.00	35.49 0.46 0.00	38.71 0.49 0.00	44.56 0.71 0.00	41.44 0.78 0.00	41.26 0.75 -2.45	42.01 1.13 -0.91	43.51 0.51 -2.00	44.43 0.17 -0.53	47.43 0.25 4.00	44.30 0.46 2.58	40.74 0.15 13.27	40.89 -0.15 26.66	80.33 0.42 -0.08	68.79 -0.06 0.00	78.94 -0.70 0.71	68.17 -0.67 0.00	53.38 -0.44 5.56	46.44 -0.01 4.13	36.78 0.29 1.60
CALPINE_BP_GT1 23823	44.45 0.05 0.29	37.49 0.45 0.00	34.42 0.39 0.00	36.21 0.36 0.00	36.37 0.37 0.00	35.49 0.46 0.00	38.71 0.49 0.00	44.56 0.71 0.00	41.44 0.78 0.00	41.26 0.75 -2.45	42.01 1.13 -0.91	43.51 0.51 -2.00	44.43 0.17 -0.53	47.43 0.25 4.00	44.30 0.46 2.58	40.74 0.15 13.27	40.89 -0.15 26.66	80.33 0.42 -0.08	68.79 -0.06 0.00	78.94 -0.70 0.71	68.17 -0.67 0.00	53.38 -0.44 5.56	46.44 -0.01 4.13	36.78 0.29 1.60
CALSPAN___DRP 24200	45.90 1.21 0.00	37.64 0.59 0.00	34.15 0.11 0.00	36.36 0.51 0.00	36.24 0.24 0.00	35.39 0.36 0.00	38.85 0.63 0.00	43.96 0.12 0.00	41.16 0.49 0.00	39.85 1.79 0.00	43.06 3.10 0.00	44.54 3.54 0.00	48.02 4.29 0.00	55.94 5.01 0.00	50.21 3.80 0.00	58.49 4.63 0.00	74.04 6.35 0.00	86.31 6.48 0.00	73.20 4.35 0.00	85.30 4.95 0.00	72.14 3.30 0.00	62.32 2.94 0.00	52.79 2.21 0.00	39.79 1.70 0.00

CALVERTON___SOLAR 323806	44.20 -0.08 0.40	37.65 0.60 0.00	34.77 0.73 0.00	36.72 0.87 0.00	36.87 0.88 0.00	36.02 0.98 0.00	39.28 1.07 0.00	45.20 1.36 0.00	41.80 1.14 0.00	41.83 1.33 -2.45	42.20 1.32 -0.91	43.54 0.54 -2.00	43.78 -0.02 -0.08	43.20 0.17 8.16	42.77 0.47 4.11	35.91 0.52 18.47	31.08 -0.05 36.56	85.05 1.69 -3.53	69.81 0.96 0.00	79.84 0.46 0.97	69.27 0.44 0.00	51.74 -0.02 7.62	45.03 0.23 5.78	36.20 0.36 2.25
CANDIGU_WT_PWR 323617	44.67 -0.02 0.00	36.65 -0.39 0.00	33.39 -0.65 0.00	35.46 -0.39 0.00	35.46 -0.54 0.00	34.73 -0.30 0.00	38.08 -0.13 0.00	43.17 -0.68 0.00	40.10 -0.57 0.00	38.17 0.10 0.00	40.80 0.83 0.00	42.04 1.04 0.00	45.22 1.49 0.00	52.76 1.54 -0.03	47.55 1.13 0.00	55.42 1.51 -0.04	70.44 2.23 -0.52	83.69 2.75 -1.10	71.79 2.02 -0.91	83.46 3.11 0.00	70.95 2.11 0.00	60.87 1.49 0.00	51.34 0.76 0.00	38.53 0.44 0.00
CARR STREET_E_SYR 24060	44.05 -0.64 0.00	36.42 -0.62 0.00	33.41 -0.62 0.00	35.22 -0.63 0.00	35.34 -0.66 0.00	34.43 -0.61 0.00	37.62 -0.59 0.00	43.09 -0.75 0.00	39.98 -0.69 0.00	37.54 -0.53 0.00	39.59 -0.38 0.00	40.69 -0.31 0.00	43.46 -0.27 0.00	51.01 -0.25 -0.06	46.20 -0.21 0.00	53.78 -0.18 -0.10	68.87 -0.06 -1.24	82.58 0.11 -2.64	71.12 0.09 -2.18	80.55 0.20 0.00	68.78 -0.06 0.00	59.20 -0.18 0.00	50.28 -0.30 0.00	37.75 -0.34 0.00
CARTHAGE___PAPER 23857	47.25 2.56 0.00	39.41 2.36 0.00	36.08 2.05 0.00	37.52 1.67 0.00	37.81 1.82 0.00	36.93 1.89 0.00	40.58 2.37 0.00	46.53 2.68 0.00	43.12 2.45 0.00	40.41 2.35 0.00	42.13 2.16 0.00	42.99 1.99 0.00	45.61 1.88 0.00	53.58 2.31 -0.08	48.45 2.04 0.00	56.35 2.38 -0.12	72.48 3.32 -1.46	86.82 3.88 -3.11	75.70 4.29 -2.57	86.59 6.24 0.00	74.94 6.10 0.00	64.65 5.26 0.00	54.70 4.12 0.00	40.43 2.34 0.00
CASSADAGA_WT_PWR 323784	44.90 0.22 0.00	36.77 -0.27 0.00	33.32 -0.71 0.00	35.47 -0.38 0.00	35.22 -0.77 0.00	34.50 -0.54 0.00	38.21 0.00 0.00	43.40 -0.45 0.00	40.99 0.32 0.00	39.83 1.77 0.00	43.37 3.40 0.00	44.78 3.78 0.00	48.26 4.53 0.00	56.61 5.42 0.00	50.81 4.40 0.00	59.05 5.18 0.00	74.53 6.84 0.00	87.20 7.37 0.00	74.33 5.47 0.00	87.33 6.98 0.00	73.90 5.06 0.00	63.71 4.33 0.00	53.65 3.07 0.00	39.84 1.75 0.00
CE_DUNWOOD___DRP 24194	45.48 0.79 0.00	37.70 0.66 0.00	34.62 0.59 0.00	36.42 0.56 0.00	36.59 0.60 0.00	35.66 0.63 0.00	38.95 0.75 0.00	44.83 0.98 0.00	41.63 0.96 0.00	41.37 0.86 -2.44	41.92 1.04 -0.91	43.93 0.93 -2.00	46.19 0.70 -1.77	59.27 0.88 -7.20	48.98 0.98 -1.59	55.74 1.00 -0.89	68.66 0.97 0.00	81.41 1.58 0.00	69.90 1.05 0.00	81.04 0.69 0.00	69.32 0.48 0.00	59.77 0.39 0.00	51.31 0.73 0.00	38.80 0.71 0.00
CE_MILLWOOD___DRP 24193	45.42 0.74 0.00	37.65 0.60 0.00	34.58 0.55 0.00	36.37 0.52 0.00	36.54 0.55 0.00	35.62 0.59 0.00	38.89 0.68 0.00	44.75 0.91 0.00	41.55 0.88 0.00	41.26 0.77 -2.42	41.82 0.94 -0.90	43.81 0.83 -1.98	46.08 0.60 -1.75	59.12 0.78 -7.16	48.87 0.89 -1.58	55.63 0.89 -0.88	68.55 0.86 0.00	81.28 1.45 0.00	69.79 0.94 0.00	80.93 0.58 0.00	69.24 0.40 0.00	59.71 0.32 0.00	51.24 0.66 0.00	38.74 0.65 0.00
CE_NYC2_DRP 24202	45.57 0.88 0.00	37.79 0.74 0.00	34.69 0.66 0.00	36.45 0.60 0.00	36.64 0.65 0.00	35.73 0.70 0.00	39.09 0.88 0.00	44.96 1.12 0.00	41.88 1.21 0.00	41.61 1.10 -2.45	42.18 1.30 -0.91	44.21 1.21 -2.00	46.47 0.97 -1.77	59.52 1.11 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.79 1.09 0.00	81.56 1.74 0.00	69.91 1.06 0.00	80.96 0.61 0.00	69.19 0.35 0.00	59.77 0.39 0.00	51.54 0.96 0.00	39.08 0.99 0.00
CE_NYC_DRP 24195	45.62 0.94 0.00	37.81 0.76 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.70 0.00	39.07 0.86 0.00	44.98 1.14 0.00	41.83 1.17 0.00	41.62 1.11 -2.45	42.19 1.31 -0.91	44.22 1.22 -2.00	46.49 0.99 -1.77	59.56 1.15 -7.22	49.26 1.26 -1.59	56.01 1.26 -0.89	68.93 1.23 0.00	81.70 1.87 0.00	70.07 1.22 0.00	81.15 0.79 0.00	69.39 0.56 0.00	59.87 0.49 0.00	51.50 0.92 0.00	38.98 0.90 0.00
CHAFFEE___LFGE 323603	45.80 1.11 0.00	37.55 0.51 0.00	34.08 0.05 0.00	36.29 0.44 0.00	36.16 0.16 0.00	35.32 0.29 0.00	38.77 0.56 0.00	43.85 0.00 0.00	41.13 0.47 0.00	39.73 1.67 0.00	42.93 2.97 0.00	44.38 3.38 0.00	47.92 4.20 0.00	55.76 4.58 0.00	50.13 3.71 0.00	58.43 4.57 0.00	73.96 6.26 0.00	86.21 6.38 0.00	73.25 4.39 0.00	85.57 5.22 0.00	72.35 3.52 0.00	62.48 3.09 0.00	52.90 2.31 0.00	39.84 1.74 0.00
CHATEAUG_35_KV_LOAD 355732	45.21 0.52 0.00	37.68 0.63 0.00	34.53 0.49 0.00	36.37 0.52 0.00	36.50 0.51 0.00	35.52 0.49 0.00	38.80 0.59 0.00	44.65 0.80 0.00	41.44 0.77 0.00	38.78 0.71 0.00	40.49 0.52 0.00	41.73 0.73 0.00	44.78 1.06 0.00	52.20 1.01 0.00	47.22 0.80 0.00	54.68 0.82 0.00	68.65 0.95 0.00	79.85 0.02 0.00	68.63 -0.22 0.00	80.41 0.06 0.00	69.26 0.42 0.00	59.82 0.43 0.00	50.85 0.27 0.00	38.35 0.25 0.00
CHATEAUG_WT_PWR 323614	45.04 0.35 0.00	37.55 0.50 0.00	34.42 0.39 0.00	36.27 0.42 0.00	36.39 0.40 0.00	35.43 0.40 0.00	38.69 0.47 0.00	44.54 0.69 0.00	41.39 0.72 0.00	38.72 0.66 0.00	40.44 0.47 0.00	41.70 0.70 0.00	44.76 1.04 0.00	52.17 0.98 0.00	47.20 0.78 0.00	54.64 0.78 0.00	68.59 0.89 0.00	79.86 0.03 0.00	68.53 -0.32 0.00	80.16 -0.19 0.00	69.04 0.21 0.00	59.63 0.25 0.00	50.69 0.12 0.00	38.29 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	45.21 0.52 0.00	37.68 0.63 0.00	34.53 0.49 0.00	36.37 0.52 0.00	36.50 0.51 0.00	35.52 0.49 0.00	38.80 0.59 0.00	44.65 0.80 0.00	41.44 0.77 0.00	38.78 0.71 0.00	40.49 0.52 0.00	41.73 0.73 0.00	44.78 1.06 0.00	52.20 1.01 0.00	47.22 0.80 0.00	54.68 0.82 0.00	68.65 0.95 0.00	79.85 0.02 0.00	68.63 -0.22 0.00	80.41 0.06 0.00	69.26 0.42 0.00	59.82 0.43 0.00	50.85 0.27 0.00	38.35 0.25 0.00
CHAUTAUQUA___LFGE 323629	45.32 0.63 0.00	37.15 0.10 0.00	33.66 -0.37 0.00	35.86 0.00 0.00	35.67 -0.32 0.00	34.89 -0.15 0.00	38.44 0.23 0.00	43.56 -0.28 0.00	40.96 0.29 0.00	39.58 1.52 0.00	42.88 2.92 0.00	44.17 3.17 0.00	47.63 3.91 0.00	55.66 4.48 0.00	50.00 3.58 0.00	58.23 4.37 0.00	73.66 5.96 0.00	86.36 6.53 0.00	73.43 4.58 0.00	86.19 5.84 0.00	72.89 4.05 0.00	62.92 3.54 0.00	53.12 2.54 0.00	39.69 1.61 0.00
CHERRYST_13_KV_LD 356241	45.74 1.06 0.00	37.91 0.86 0.00	34.79 0.76 0.00	36.57 0.72 0.00	36.75 0.76 0.00	35.84 0.80 0.00	39.19 0.98 0.00	45.13 1.28 0.00	41.99 1.32 0.00	41.77 1.26 -2.45	42.37 1.49 -0.91	44.40 1.40 -2.00	46.70 1.20 -1.77	59.79 1.39 -7.22	49.48 1.47 -1.59	56.25 1.49 -0.89	69.23 1.54 0.00	82.05 2.22 0.00	70.31 1.46 0.00	81.45 1.10 0.00	69.65 0.81 0.00	60.08 0.70 0.00	51.66 1.08 0.00	39.10 1.01 0.00

CHESTROR_138KV_BK263 355645	45.27 0.58 0.00	37.50 0.45 0.00	34.45 0.42 0.00	36.26 0.41 0.00	36.43 0.43 0.00	35.49 0.45 0.00	38.72 0.51 0.00	44.53 0.68 0.00	41.28 0.62 0.00	40.66 0.51 -2.08	41.38 0.64 -0.78	43.25 0.55 -1.70	45.60 0.36 -1.51	57.85 0.51 -6.16	48.40 0.63 -1.35	55.26 0.65 -0.76	68.33 0.64 0.00	81.03 1.20 0.00	69.69 0.84 0.00	80.95 0.60 0.00	69.28 0.44 0.00	59.71 0.32 0.00	51.15 0.57 0.00	38.62 0.53 0.00
CH_MIDHUDSON___DRP 24192	45.50 0.81 0.00	37.71 0.66 0.00	34.65 0.62 0.00	36.43 0.58 0.00	36.61 0.62 0.00	35.66 0.63 0.00	38.90 0.69 0.00	44.78 0.94 0.00	41.55 0.88 0.00	40.59 0.75 -1.78	41.52 0.88 -0.66	43.23 0.78 -1.46	45.60 0.59 -1.29	57.21 0.77 -5.25	48.42 0.85 -1.15	55.39 0.89 -0.64	68.67 0.98 0.00	81.47 1.64 0.00	70.03 1.18 0.00	81.26 0.91 0.00	69.51 0.67 0.00	59.89 0.51 0.00	51.29 0.71 0.00	38.72 0.62 0.00
CH_MISC_IPPS 23765	45.78 1.09 0.00	37.91 0.87 0.00	34.83 0.79 0.00	36.63 0.78 0.00	36.80 0.81 0.00	35.86 0.83 0.00	39.14 0.93 0.00	45.06 1.21 0.00	41.79 1.12 0.00	41.00 1.00 -1.94	41.85 1.16 -0.72	43.66 1.08 -1.58	46.05 0.93 -1.40	58.09 1.19 -5.72	48.95 1.28 -1.26	55.98 1.41 -0.70	69.36 1.67 0.00	82.32 2.49 0.00	70.75 1.90 0.00	82.10 1.75 0.00	70.18 1.35 0.00	60.45 1.07 0.00	51.74 1.16 0.00	39.04 0.95 0.00
CH_RES_BVR_FALLS 23983	44.70 0.01 0.00	37.12 0.07 0.00	34.08 0.04 0.00	35.89 0.04 0.00	36.03 0.04 0.00	35.07 0.04 0.00	38.25 0.04 0.00	43.95 0.10 0.00	40.81 0.14 0.00	38.23 0.16 0.00	40.07 0.10 0.00	41.14 0.14 0.00	43.93 0.21 0.00	51.37 0.19 0.00	46.53 0.11 0.00	53.99 0.13 0.00	67.88 0.18 0.00	79.78 -0.05 0.00	68.74 -0.11 0.00	80.34 -0.01 0.00	68.89 0.05 0.00	59.43 0.04 0.00	50.55 -0.03 0.00	38.04 -0.06 0.00
CH_RES_NIAGARA 23895	44.66 -0.03 0.00	36.67 -0.38 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.34 0.00	42.77 -1.08 0.00	40.03 -0.64 0.00	38.77 0.71 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.61 2.89 0.00	54.14 2.96 0.00	48.37 1.95 0.00	56.10 2.24 0.00	70.94 3.25 0.00	82.36 2.53 0.00	70.31 1.46 0.00	82.24 1.89 0.00	69.58 0.74 0.00	60.50 1.12 0.00	51.51 0.93 0.00	38.97 0.88 0.00
CH_RES_SYRACUSE 23985	44.52 -0.17 0.00	36.82 -0.22 0.00	33.75 -0.28 0.00	35.58 -0.27 0.00	35.72 -0.27 0.00	34.79 -0.24 0.00	38.04 -0.17 0.00	43.57 -0.28 0.00	40.37 -0.29 0.00	37.89 -0.18 0.00	39.95 -0.02 0.00	41.07 0.07 0.00	43.88 0.15 0.00	51.59 0.28 -0.12	46.69 0.28 0.00	54.38 0.34 -0.18	70.55 0.61 -2.25	85.53 0.90 -4.80	73.72 0.91 -3.96	81.53 1.18 0.00	69.60 0.76 0.00	59.89 0.51 0.00	50.87 0.28 0.00	38.17 0.08 0.00
CLINTON_WT_PWR 323605	45.04 0.35 0.00	37.55 0.50 0.00	34.42 0.39 0.00	36.27 0.42 0.00	36.39 0.40 0.00	35.43 0.40 0.00	38.69 0.47 0.00	44.54 0.69 0.00	41.39 0.72 0.00	38.72 0.66 0.00	40.44 0.47 0.00	41.70 0.70 0.00	44.76 1.04 0.00	52.17 0.98 0.00	47.20 0.78 0.00	54.64 0.78 0.00	68.59 0.89 0.00	79.86 0.03 0.00	68.53 -0.32 0.00	80.16 -0.19 0.00	69.04 0.21 0.00	59.63 0.25 0.00	50.69 0.12 0.00	38.29 0.20 0.00
CLINTON___LFGE 323618	45.23 0.54 0.00	37.76 0.71 0.00	34.60 0.57 0.00	36.46 0.61 0.00	36.58 0.59 0.00	35.62 0.59 0.00	38.92 0.71 0.00	44.83 0.98 0.00	41.60 0.93 0.00	38.89 0.83 0.00	40.60 0.63 0.00	41.99 1.00 0.00	45.14 1.41 0.00	52.49 1.31 0.00	47.55 1.13 0.00	55.06 1.20 0.00	69.27 1.58 0.00	80.89 1.06 0.00	69.32 0.47 0.00	81.02 0.67 0.00	69.78 0.94 0.00	60.27 0.89 0.00	51.16 0.58 0.00	38.69 0.60 0.00
COBBLENY_34_KV_TB1 80064	45.80 1.12 0.00	37.55 0.50 0.00	34.08 0.05 0.00	36.29 0.44 0.00	36.16 0.16 0.00	35.32 0.29 0.00	38.77 0.56 0.00	43.90 0.05 0.00	41.11 0.45 0.00	39.77 1.70 0.00	42.93 2.97 0.00	44.38 3.38 0.00	47.91 4.18 0.00	55.76 4.57 0.00	50.13 3.72 0.00	58.44 4.57 0.00	73.95 6.26 0.00	86.20 6.37 0.00	73.26 4.41 0.00	85.57 5.22 0.00	72.35 3.52 0.00	62.48 3.09 0.00	52.90 2.32 0.00	39.83 1.74 0.00
COFFEEN___115KV_TB3 355620	47.61 2.92 0.00	39.63 2.58 0.00	36.26 2.23 0.00	37.68 1.83 0.00	38.03 2.03 0.00	37.13 2.10 0.00	40.90 2.69 0.00	46.83 2.99 0.00	43.39 2.72 0.00	40.69 2.63 0.00	42.40 2.44 0.00	43.27 2.27 0.00	45.77 2.05 0.00	53.76 2.47 -0.09	48.59 2.18 0.00	56.50 2.50 -0.14	73.08 3.60 -1.78	88.22 4.60 -3.80	77.06 5.08 -3.13	87.92 7.57 0.00	76.27 7.43 0.00	65.66 6.28 0.00	55.49 4.91 0.00	40.87 2.78 0.00
COLDSPRG_115KV_BK1 355956	45.67 0.98 0.00	37.41 0.36 0.00	33.94 -0.10 0.00	36.11 0.26 0.00	36.01 0.02 0.00	35.26 0.22 0.00	39.06 0.85 0.00	44.38 0.53 0.00	41.56 0.89 0.00	40.26 2.20 0.00	43.60 3.63 0.00	44.92 3.92 0.00	48.25 4.53 0.00	56.54 5.36 0.00	50.70 4.29 0.00	58.68 4.82 0.00	73.75 6.06 0.00	85.96 6.13 0.00	73.74 4.89 0.00	86.85 6.50 0.00	73.64 4.80 0.00	63.47 4.08 0.00	53.62 3.04 0.00	40.21 2.13 0.00
COLONIE_LFGE___ 323577	45.52 0.83 0.00	37.76 0.71 0.00	34.82 0.79 0.00	36.60 0.74 0.00	36.80 0.80 0.00	35.79 0.76 0.00	38.88 0.67 0.00	44.62 0.77 0.00	41.25 0.59 0.00	35.55 0.35 2.87	39.15 0.25 1.07	38.74 0.09 2.35	41.49 -0.16 2.08	42.66 -0.06 8.46	44.57 0.02 1.86	52.93 0.11 1.04	67.75 0.06 0.00	80.41 0.58 0.00	69.69 0.84 0.00	80.99 0.64 0.00	69.57 0.73 0.00	59.94 0.55 0.00	51.08 0.50 0.00	38.52 0.43 0.00
COOPERNY_115KV_TB1 80082	45.08 0.40 0.00	37.35 0.30 0.00	34.32 0.29 0.00	36.13 0.28 0.00	36.29 0.29 0.00	35.34 0.31 0.00	38.56 0.35 0.00	44.29 0.45 0.00	41.08 0.41 0.00	39.86 0.36 -1.44	40.97 0.46 -0.54	42.58 0.40 -1.18	45.06 0.29 -1.04	55.83 0.40 -4.24	47.83 0.49 -0.94	54.89 0.51 -0.52	68.20 0.51 0.00	80.78 0.95 0.00	69.54 0.69 0.00	80.93 0.58 0.00	69.26 0.42 0.00	59.66 0.27 0.00	51.01 0.43 0.00	38.47 0.38 0.00
COPENHAGEN_WT_PWR 323753	46.66 1.97 0.00	38.97 1.92 0.00	35.65 1.62 0.00	36.95 1.10 0.00	37.31 1.31 0.00	36.45 1.41 0.00	40.13 1.92 0.00	45.99 2.14 0.00	42.67 2.01 0.00	40.10 2.03 0.00	41.89 1.92 0.00	42.79 1.79 0.00	45.36 1.64 0.00	53.26 1.97 -0.10	48.10 1.68 0.00	55.98 1.97 -0.15	72.43 2.86 -1.87	87.43 3.63 -3.98	76.21 4.08 -3.28	86.38 6.03 0.00	74.73 5.89 0.00	64.21 4.82 0.00	54.30 3.72 0.00	39.94 1.85 0.00
CORNELL_____ 23752	45.52 0.83 0.00	37.61 0.56 0.00	34.43 0.41 0.00	36.33 0.48 0.00	36.45 0.46 0.00	35.55 0.51 0.00	38.92 0.71 0.00	44.50 0.65 0.00	41.14 0.47 0.00	38.64 0.57 0.00	40.59 0.62 0.00	41.56 0.56 0.00	44.45 0.73 0.00	52.20 0.95 -0.07	47.28 0.87 0.00	55.00 1.04 -0.10	70.58 1.64 -1.24	84.73 2.25 -2.65	73.43 2.40 -2.18	83.75 3.40 0.00	71.54 2.71 0.00	61.48 2.10 0.00	52.12 1.53 0.00	39.06 0.97 0.00

CORONA V_69_KV_TB1 355595	45.22 0.56 0.02	37.79 0.74 0.00	34.68 0.65 0.00	36.47 0.61 0.00	36.62 0.63 0.00	35.73 0.69 0.00	38.98 0.77 0.00	44.85 1.00 0.00	41.73 1.06 0.00	41.48 0.97 -2.45	42.25 1.37 -0.91	43.89 0.89 -2.00	45.98 0.65 -1.60	57.78 0.75 -5.84	48.40 0.94 -1.04	53.74 0.91 1.02	65.03 0.93 3.59	81.55 1.72 0.00	69.96 1.11 0.00	80.92 0.66 0.09	69.25 0.42 0.00	58.95 0.23 0.66	51.04 0.53 0.07	38.77 0.68 0.00
CORTLAND_115KV_TB3 80093	45.08 0.39 0.00	37.27 0.22 0.00	34.17 0.14 0.00	36.04 0.19 0.00	36.15 0.16 0.00	35.25 0.22 0.00	38.55 0.34 0.00	44.15 0.31 0.00	40.89 0.22 0.00	38.37 0.31 0.00	40.42 0.45 0.00	41.38 0.38 0.00	44.22 0.49 0.00	51.97 0.72 -0.07	47.03 0.62 0.00	54.75 0.79 -0.10	70.17 1.18 -1.29	84.22 1.63 -2.76	72.71 1.59 -2.27	82.55 2.20 0.00	70.54 1.71 0.00	60.68 1.30 0.00	51.48 0.91 0.00	38.63 0.54 0.00
COXSACKIE__GT 23611	46.44 1.76 0.00	38.46 1.41 0.00	35.44 1.41 0.00	37.29 1.44 0.00	37.45 1.46 0.00	36.42 1.38 0.00	39.67 1.45 0.00	45.54 1.69 0.00	41.82 1.15 0.00	37.96 0.70 0.80	40.24 0.57 0.30	40.76 0.41 0.65	43.45 0.30 0.58	49.34 0.54 2.38	46.20 0.31 0.52	54.52 0.96 0.29	68.80 1.11 0.00	82.37 2.54 0.00	71.98 3.13 0.00	84.48 4.13 0.00	72.61 3.77 0.00	62.41 3.03 0.00	52.89 2.31 0.00	39.68 1.59 0.00
CPV_VALLEY__CC1 323721	44.96 0.27 0.00	37.26 0.21 0.00	34.24 0.21 0.00	36.04 0.19 0.00	36.21 0.22 0.00	35.27 0.24 0.00	38.48 0.26 0.00	44.23 0.39 0.00	41.02 0.35 0.00	40.20 0.28 -1.86	41.05 0.39 -0.69	42.82 0.30 -1.52	45.17 0.10 -1.35	56.86 0.19 -5.49	47.95 0.33 -1.21	54.84 0.30 -0.67	67.87 0.17 0.00	80.45 0.62 0.00	69.18 0.32 0.00	80.35 0.00 0.00	68.79 -0.05 0.00	59.29 -0.10 0.00	50.79 0.21 0.00	38.34 0.25 0.00
CPV_VALLEY__CC2 323722	44.96 0.27 0.00	37.26 0.21 0.00	34.24 0.21 0.00	36.04 0.19 0.00	36.21 0.22 0.00	35.27 0.24 0.00	38.48 0.26 0.00	44.23 0.39 0.00	41.02 0.35 0.00	40.20 0.28 -1.86	41.05 0.39 -0.69	42.82 0.30 -1.52	45.17 0.10 -1.35	56.86 0.19 -5.49	47.95 0.33 -1.21	54.84 0.30 -0.67	67.87 0.17 0.00	80.45 0.62 0.00	69.18 0.32 0.00	80.35 0.00 0.00	68.79 -0.05 0.00	59.29 -0.10 0.00	50.79 0.21 0.00	38.34 0.25 0.00
CRESCENT__HYD 24018	45.52 0.83 0.00	37.76 0.71 0.00	34.82 0.79 0.00	36.60 0.74 0.00	36.80 0.80 0.00	35.79 0.76 0.00	38.88 0.67 0.00	44.62 0.77 0.00	41.25 0.59 2.87	35.55 0.35 1.07	39.15 0.25 2.35	38.74 0.09 2.08	41.49 -0.16 2.86	42.66 -0.06 1.86	44.57 0.02 1.04	52.93 0.11 0.00	67.75 0.06 0.00	80.41 0.58 0.00	69.69 0.84 0.00	80.99 0.64 0.00	69.57 0.73 0.00	59.94 0.55 0.00	51.08 0.50 0.00	38.52 0.43 0.00
CRICKET__VALLEY_CC1 323756	44.79 0.11 0.00	37.17 0.12 0.00	34.18 0.15 0.00	35.91 0.06 0.00	36.10 0.11 0.00	35.17 0.13 0.00	38.31 0.10 0.00	44.12 0.27 0.00	40.89 0.22 0.00	6.99 0.07 31.14	28.46 0.14 11.64	15.51 -0.01 25.48	20.90 -0.28 22.55	-41.14 -0.28 92.04	26.05 -0.09 20.27	42.32 -0.20 11.34	67.29 -0.40 0.00	79.88 0.05 0.00	68.67 -0.18 0.00	79.69 -0.66 0.00	68.23 -0.61 0.00	58.81 -0.57 0.00	50.37 -0.21 0.00	38.05 -0.05 0.00
CRICKET__VALLEY_CC2 323757	44.79 0.11 0.00	37.17 0.12 0.00	34.18 0.15 0.00	35.91 0.06 0.00	36.10 0.11 0.00	35.17 0.13 0.00	38.31 0.10 0.00	44.12 0.27 0.00	40.89 0.22 0.00	6.99 0.07 31.14	28.46 0.14 11.64	15.51 -0.01 25.48	20.90 -0.28 22.55	-41.14 -0.28 92.04	26.05 -0.09 20.27	42.32 -0.20 11.34	67.29 -0.40 0.00	79.88 0.05 0.00	68.67 -0.18 0.00	79.69 -0.66 0.00	68.23 -0.61 0.00	58.81 -0.57 0.00	50.37 -0.21 0.00	38.05 -0.05 0.00
CRICKET__VALLEY_CC3 323758	44.79 0.11 0.00	37.17 0.12 0.00	34.18 0.15 0.00	35.91 0.06 0.00	36.10 0.11 0.00	35.17 0.13 0.00	38.31 0.10 0.00	44.12 0.27 0.00	40.89 0.22 0.00	6.99 0.07 31.14	28.46 0.14 11.64	15.51 -0.01 25.48	20.90 -0.28 22.55	-41.14 -0.28 92.04	26.05 -0.09 20.27	42.32 -0.20 11.34	67.29 -0.40 0.00	79.88 0.05 0.00	68.67 -0.18 0.00	79.69 -0.66 0.00	68.23 -0.61 0.00	58.81 -0.57 0.00	50.37 -0.21 0.00	38.05 -0.05 0.00
CRUCIBLE_METL_DRP 24180	44.52 -0.17 0.00	36.82 -0.22 0.00	33.75 -0.28 0.00	35.58 -0.27 0.00	35.72 -0.27 0.00	34.79 -0.24 0.00	38.04 -0.17 0.00	43.57 -0.28 0.00	40.37 -0.30 0.00	37.90 -0.17 0.00	39.95 -0.02 0.00	41.07 0.07 0.00	43.88 0.16 0.00	51.58 0.28 -0.12	46.69 0.27 0.00	54.38 0.34 -0.18	70.56 0.61 -2.25	85.52 0.90 -4.80	73.72 0.91 -3.96	81.53 1.18 0.00	69.59 0.75 0.00	59.89 0.51 0.00	50.86 0.28 0.00	38.17 0.08 0.00
DAHOWA__HYDRO 323763	46.57 1.88 0.00	38.56 1.51 0.00	35.55 1.51 0.00	37.31 1.46 0.00	37.51 1.52 0.00	36.55 1.52 0.00	39.71 1.50 0.00	45.53 1.68 0.00	42.01 1.34 0.00	36.70 0.98 2.35	39.84 0.75 0.88	39.64 0.56 1.92	42.38 0.35 1.70	44.88 0.59 6.90	45.56 0.66 1.52	54.04 1.02 0.85	69.19 1.50 0.00	82.38 2.55 0.00	71.79 2.94 0.00	83.63 3.28 0.00	71.74 2.91 0.00	61.69 2.31 0.00	52.41 1.83 0.00	39.49 1.40 0.00
DANC__LFGE 323619	45.66 0.97 0.00	38.01 0.96 0.00	34.81 0.78 0.00	36.30 0.45 0.00	36.56 0.57 0.00	35.69 0.65 0.00	39.19 0.98 0.00	44.89 1.05 0.00	41.63 0.97 0.00	39.09 1.03 0.00	40.93 0.96 0.00	41.89 0.90 0.00	44.52 0.80 0.00	52.29 0.98 -0.12	47.18 0.77 0.00	54.94 0.89 -0.18	71.46 1.42 -2.34	86.74 1.93 -4.98	75.27 2.30 -4.11	83.90 3.55 0.00	72.31 3.48 0.00	62.20 2.81 0.00	52.79 2.21 0.00	39.12 1.03 0.00
DANSKAMMER__1 23586	45.78 1.09 0.00	37.91 0.87 0.00	34.83 0.79 0.00	36.63 0.78 0.00	36.80 0.81 0.00	35.86 0.83 0.00	39.14 0.93 0.00	45.06 1.21 0.00	41.79 1.12 0.00	41.00 1.00 -1.94	41.85 1.16 -0.72	43.66 1.08 -1.58	46.05 0.93 -1.40	58.09 1.19 -5.72	48.95 1.28 -1.26	55.98 1.41 -0.70	69.36 1.67 0.00	82.32 2.49 0.00	70.75 1.90 0.00	82.10 1.75 0.00	70.18 1.35 0.00	60.45 1.07 0.00	51.74 1.16 0.00	39.04 0.95 0.00
DANSKAMMER__2 23589	45.78 1.09 0.00	37.91 0.87 0.00	34.83 0.79 0.00	36.63 0.78 0.00	36.80 0.81 0.00	35.86 0.83 0.00	39.14 0.93 0.00	45.06 1.21 0.00	41.79 1.12 0.00	41.00 1.00 -1.94	41.85 1.16 -0.72	43.66 1.08 -1.58	46.05 0.93 -1.40	58.09 1.19 -5.72	48.95 1.28 -1.26	55.98 1.41 -0.70	69.36 1.67 0.00	82.32 2.49 0.00	70.75 1.90 0.00	82.10 1.75 0.00	70.18 1.35 0.00	60.45 1.07 0.00	51.74 1.16 0.00	39.04 0.95 0.00
DANSKAMMER__3 23590	45.78 1.09 0.00	37.91 0.87 0.00	34.83 0.79 0.00	36.63 0.78 0.00	36.80 0.81 0.00	35.86 0.83 0.00	39.14 0.93 0.00	45.06 1.21 0.00	41.79 1.12 0.00	41.00 1.00 -1.94	41.85 1.16 -0.72	43.66 1.08 -1.58	46.05 0.93 -1.40	58.09 1.19 -5.72	48.95 1.28 -1.26	55.98 1.41 -0.70	69.36 1.67 0.00	82.32 2.49 0.00	70.75 1.90 0.00	82.10 1.75 0.00	70.18 1.35 0.00	60.45 1.07 0.00	51.74 1.16 0.00	39.04 0.95 0.00

DANSKAMMER___4 23591	45.78 1.09 0.00	37.91 0.87 0.00	34.83 0.79 0.00	36.63 0.78 0.00	36.80 0.81 0.00	35.86 0.83 0.00	39.14 0.93 0.00	45.06 1.21 0.00	41.79 1.12 0.00	41.00 1.00 -1.94	41.85 1.16 -0.72	43.66 1.08 -1.58	46.05 0.93 -1.40	58.09 1.19 -5.72	48.95 1.28 -1.26	55.98 1.41 -0.70	69.36 1.67 0.00	82.32 2.49 0.00	70.75 1.90 0.00	82.10 1.75 0.00	70.18 1.35 0.00	60.45 1.07 0.00	51.74 1.16 0.00	39.04 0.95 0.00
DANSKAMMER___DIESEL 23592	45.77 1.09 0.00	37.91 0.87 0.00	34.83 0.80 0.00	36.63 0.78 0.00	36.81 0.81 0.00	35.87 0.83 0.00	39.14 0.93 0.00	45.05 1.21 0.00	41.80 1.13 0.00	40.99 0.99 -1.94	41.85 1.16 -0.72	43.66 1.08 -1.58	46.06 0.93 -1.40	58.09 1.19 -5.72	48.95 1.28 -1.26	55.98 1.41 -0.70	69.36 1.67 0.00	82.31 2.48 0.00	70.75 1.90 0.00	82.11 1.76 0.00	70.19 1.35 0.00	60.45 1.06 0.00	51.74 1.16 0.00	39.04 0.95 0.00
DARBY___SOLAR 323810	46.31 1.63 0.00	38.34 1.29 0.00	35.35 1.32 0.00	37.11 1.26 0.00	37.31 1.32 0.00	36.35 1.31 0.00	39.48 1.27 0.00	45.28 1.44 0.00	41.78 1.11 0.00	36.41 0.78 2.44	39.61 0.56 0.91	39.39 0.38 2.00	42.12 0.16 1.77	44.40 0.38 7.17	45.28 0.45 1.58	53.74 0.76 0.88	68.82 1.13 0.00	81.90 2.07 0.00	71.28 2.43 0.00	83.05 2.70 0.00	71.26 2.42 0.00	61.29 1.91 0.00	52.11 1.53 0.00	39.28 1.19 0.00
DASHVILLE___HYD 23610	45.19 0.50 0.00	37.44 0.40 0.00	34.43 0.40 0.00	36.21 0.36 0.00	36.39 0.39 0.00	35.43 0.39 0.00	38.65 0.44 0.00	44.46 0.62 0.00	41.24 0.57 0.00	39.74 0.51 -1.16	41.03 0.63 -0.43	42.47 0.52 -0.95	44.88 0.31 -0.84	55.04 0.43 -3.43	47.83 0.66 -0.76	54.94 0.65 -0.43	68.22 0.52 0.00	80.92 1.09 0.00	69.60 0.74 0.00	80.79 0.44 0.00	69.16 0.33 0.00	59.60 0.21 0.00	51.03 0.45 0.00	38.51 0.42 0.00
DELAWARE___LFGE 323621	45.36 0.67 0.00	37.56 0.51 0.00	34.56 0.53 0.00	36.42 0.57 0.00	36.55 0.55 0.00	35.59 0.55 0.00	38.83 0.62 0.00	44.53 0.68 0.00	41.30 0.63 0.00	38.71 0.65 0.00	40.76 0.79 0.00	41.76 0.77 0.00	44.51 0.78 0.00	52.18 0.97 -0.02	47.35 0.93 0.00	54.94 1.05 -0.04	69.38 1.25 -0.44	82.42 1.65 -0.94	71.03 1.41 -0.78	81.90 1.55 0.00	70.11 1.27 0.00	60.39 1.01 0.00	51.48 0.90 0.00	38.74 0.65 0.00
DERFIELD_115KV_TB7 355931	44.65 -0.04 0.00	37.02 -0.03 0.00	34.03 0.00 0.00	35.84 -0.01 0.00	35.99 0.00 0.00	35.03 0.00 0.00	38.18 -0.03 0.00	43.80 -0.04 0.00	40.61 -0.06 0.00	37.98 -0.09 0.00	39.89 -0.08 0.00	40.87 -0.13 0.00	43.54 -0.19 0.00	50.98 -0.20 0.00	46.27 -0.14 0.00	53.72 -0.14 0.00	67.51 -0.19 0.00	79.78 -0.04 0.00	68.89 0.04 0.00	80.36 0.01 0.00	68.84 0.00 0.00	59.32 -0.06 0.00	50.53 -0.05 0.00	38.05 -0.05 0.00
DOGLEVILLE___HYD 23807	45.50 0.82 0.00	37.66 0.61 0.00	34.76 0.73 0.00	36.56 0.71 0.00	36.75 0.76 0.00	35.77 0.74 0.00	38.86 0.65 0.00	44.32 0.48 0.00	40.62 -0.05 0.00	37.44 -0.62 0.00	39.06 -0.91 0.00	39.94 -1.06 0.00	42.19 -1.53 0.00	49.65 -1.53 0.00	45.24 -1.17 0.00	52.72 -1.14 0.00	66.39 -1.30 0.00	79.90 0.07 0.00	69.93 1.08 0.00	81.99 1.64 0.00	70.37 1.53 0.00	60.49 1.11 0.00	51.42 0.84 0.00	38.65 0.56 0.00
DUNKIRK___115KV_TB_200 55889	45.35 0.66 0.00	37.18 0.13 0.00	33.69 -0.34 0.00	35.90 0.05 0.00	35.71 -0.28 0.00	34.94 -0.10 0.00	38.46 0.25 0.00	43.62 -0.23 0.00	40.91 0.24 0.00	39.57 1.50 0.00	42.81 2.85 0.00	44.08 3.09 0.00	47.53 3.80 0.00	55.52 4.33 0.00	49.88 3.47 0.00	58.11 4.25 0.00	73.50 5.80 0.00	86.19 6.36 0.00	73.30 4.45 0.00	85.99 5.64 0.00	72.70 3.86 0.00	62.77 3.39 0.00	53.03 2.45 0.00	39.66 1.57 0.00
DUNKIRK___1 23563	45.35 0.66 0.00	37.18 0.13 0.00	33.69 -0.34 0.00	35.90 0.05 0.00	35.71 -0.28 0.00	34.94 -0.10 0.00	38.46 0.25 0.00	43.62 -0.23 0.00	40.91 0.24 0.00	39.57 1.50 0.00	42.81 2.85 0.00	44.08 3.09 0.00	47.53 3.80 0.00	55.52 4.33 0.00	49.88 3.47 0.00	58.11 4.25 0.00	73.50 5.80 0.00	86.19 6.36 0.00	73.30 4.45 0.00	85.99 5.64 0.00	72.70 3.86 0.00	62.77 3.39 0.00	53.03 2.45 0.00	39.66 1.57 0.00
DUNKIRK___2 23564	45.35 0.66 0.00	37.18 0.13 0.00	33.69 -0.34 0.00	35.90 0.05 0.00	35.71 -0.28 0.00	34.94 -0.10 0.00	38.46 0.25 0.00	43.62 -0.23 0.00	40.91 0.24 0.00	39.57 1.50 0.00	42.81 2.85 0.00	44.08 3.09 0.00	47.53 3.80 0.00	55.52 4.33 0.00	49.88 3.47 0.00	58.11 4.25 0.00	73.50 5.80 0.00	86.19 6.36 0.00	73.30 4.45 0.00	85.99 5.64 0.00	72.70 3.86 0.00	62.77 3.39 0.00	53.03 2.45 0.00	39.66 1.57 0.00
DUNKIRK___3 23565	45.40 0.71 0.00	37.23 0.18 0.00	33.75 -0.28 0.00	35.96 0.11 0.00	35.80 -0.19 0.00	35.01 -0.02 0.00	38.51 0.30 0.00	43.64 -0.20 0.00	40.90 0.23 0.00	39.53 1.47 0.00	42.74 2.77 0.00	44.04 3.04 0.00	47.46 3.73 0.00	55.38 4.19 0.00	49.74 3.32 0.00	57.93 4.06 0.00	73.22 5.52 0.00	85.71 5.88 0.00	72.87 4.02 0.00	85.36 5.01 0.00	72.19 3.35 0.00	62.35 2.97 0.00	52.74 2.16 0.00	39.56 1.47 0.00
DUNKIRK___4 23566	45.40 0.71 0.00	37.23 0.18 0.00	33.75 -0.28 0.00	35.96 0.11 0.00	35.80 -0.19 0.00	35.01 -0.02 0.00	38.51 0.30 0.00	43.64 -0.20 0.00	40.90 0.23 0.00	39.53 1.47 0.00	42.74 2.77 0.00	44.04 3.04 0.00	47.46 3.73 0.00	55.38 4.19 0.00	49.74 3.32 0.00	57.93 4.06 0.00	73.22 5.52 0.00	85.71 5.88 0.00	72.87 4.02 0.00	85.36 5.01 0.00	72.19 3.35 0.00	62.35 2.97 0.00	52.74 2.16 0.00	39.56 1.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.54 0.86 0.00	37.77 0.72 0.00	34.68 0.65 0.00	36.46 0.61 0.00	36.64 0.65 0.00	35.71 0.68 0.00	39.01 0.80 0.00	44.91 1.06 0.00	41.71 1.05 0.00	41.47 0.96 -2.45	42.03 1.15 -0.91	44.03 1.04 -2.00	46.30 0.80 -1.77	59.39 0.98 -7.22	49.08 1.08 -1.59	55.84 1.09 -0.89	68.76 1.07 0.00	81.51 1.69 0.00	69.97 1.12 0.00	81.12 0.76 0.00	69.39 0.55 0.00	59.84 0.46 0.00	51.39 0.81 0.00	38.88 0.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.49 0.81 0.00	37.68 0.63 0.00	34.62 0.59 0.00	36.41 0.56 0.00	36.58 0.59 0.00	35.64 0.61 0.00	38.90 0.69 0.00	44.76 0.91 0.00	41.51 0.84 0.00	40.71 0.72 -1.93	41.55 0.86 -0.72	43.34 0.76 -1.58	45.70 0.58 -1.40	57.65 0.77 -5.69	48.55 0.89 -1.25	55.52 0.96 -0.70	68.75 1.06 0.00	81.58 1.75 0.00	70.16 1.31 0.00	81.46 1.11 0.00	69.69 0.85 0.00	60.04 0.66 0.00	51.42 0.84 0.00	38.81 0.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.56 0.87 0.00	37.76 0.72 0.00	34.66 0.63 0.00	36.43 0.58 0.00	36.65 0.65 0.00	35.70 0.67 0.00	39.08 0.87 0.00	44.89 1.05 0.00	41.84 1.17 0.00	41.54 1.03 -2.45	42.08 1.20 -0.91	44.08 1.09 -2.00	46.35 0.85 -1.77	59.41 1.00 -7.22	49.15 1.15 -1.59	55.66 0.91 -0.89	68.67 0.98 0.00	81.51 1.68 0.00	69.82 0.97 0.00	80.94 0.59 0.00	69.15 0.32 0.00	59.82 0.43 0.00	51.55 0.97 0.00	39.09 1.00 0.00

E179THST_13_KV_LOAD 356214	45.81 1.13 0.00	37.97 0.92 0.00	34.84 0.81 0.00	36.61 0.76 0.00	36.82 0.83 0.00	35.88 0.84 0.00	39.28 1.07 0.00	45.13 1.29 0.00	42.08 1.41 0.00	41.76 1.25 -2.45	42.34 1.46 -0.91	44.34 1.34 -2.00	46.63 1.14 -1.77	59.74 1.33 -7.22	49.44 1.44 -1.59	56.03 1.27 -0.89	69.11 1.42 0.00	82.03 2.20 0.00	70.28 1.42 0.00	81.43 1.08 0.00	69.59 0.75 0.00	60.18 0.79 0.00	51.85 1.27 0.00	39.31 1.23 0.00
EAST HAMPTON___GT 23717	46.08 1.79 0.40	39.14 2.09 0.00	36.13 2.10 0.00	38.18 2.33 0.00	38.33 2.34 0.00	37.46 2.42 0.00	40.88 2.67 0.00	47.12 3.28 0.00	43.63 2.97 0.00	43.67 3.16 -2.45	44.20 3.31 -0.91	45.70 2.70 -2.00	46.15 2.34 -0.08	46.01 2.98 8.15	45.52 3.22 4.11	39.19 3.79 18.47	34.73 3.59 36.55	89.45 6.10 -3.52	73.57 4.71 0.00	84.01 4.63 0.97	72.64 3.80 0.00	54.70 2.94 7.62	47.39 2.59 5.78	37.92 2.07 2.25
EAST RIVER___6 23660	45.70 1.01 0.00	37.87 0.82 0.00	34.72 0.69 0.00	36.50 0.65 0.00	36.66 0.67 0.00	35.72 0.68 0.00	39.07 0.86 0.00	45.00 1.15 0.00	41.85 1.18 0.00	41.66 1.15 -2.45	42.24 1.35 -0.91	44.26 1.26 -2.00	46.55 1.06 -1.77	59.64 1.24 -7.22	49.34 1.34 -1.59	56.11 1.35 -0.89	69.03 1.33 0.00	81.79 1.96 0.00	70.10 1.25 0.00	81.22 0.87 0.00	69.50 0.66 0.00	60.01 0.62 0.00	51.56 0.98 0.00	39.04 0.95 0.00
EAST RIVER___7 23524	45.70 1.01 0.00	37.87 0.82 0.00	34.72 0.69 0.00	36.50 0.65 0.00	36.66 0.67 0.00	35.72 0.68 0.00	39.07 0.86 0.00	45.00 1.15 0.00	41.85 1.18 0.00	41.66 1.15 -2.45	42.24 1.35 -0.91	44.26 1.26 -2.00	46.55 1.06 -1.77	59.64 1.24 -7.22	49.34 1.34 -1.59	56.11 1.35 -0.89	69.03 1.33 0.00	81.79 1.96 0.00	70.10 1.25 0.00	81.22 0.87 0.00	69.50 0.66 0.00	60.01 0.62 0.00	51.56 0.98 0.00	39.04 0.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.48 0.79 0.00	37.70 0.66 0.00	34.62 0.59 0.00	36.42 0.56 0.00	36.59 0.60 0.00	35.66 0.63 0.00	38.95 0.75 0.00	44.83 0.98 0.00	41.63 0.96 0.00	41.37 0.86 -2.44	41.92 1.04 -0.91	43.93 0.93 -2.00	46.19 0.70 -1.77	59.27 0.88 -7.20	48.98 0.98 -1.59	55.74 1.00 -0.89	68.66 0.97 0.00	81.41 1.58 0.00	69.90 1.05 0.00	81.04 0.69 0.00	69.32 0.48 0.00	59.77 0.39 0.00	51.31 0.73 0.00	38.80 0.71 0.00
EAST_HAMPTON___DIESEL 23722	46.09 1.80 0.40	39.15 2.10 0.00	36.14 2.11 0.00	38.19 2.34 0.00	38.35 2.36 0.00	37.47 2.44 0.00	40.89 2.68 0.00	47.14 3.30 0.00	43.65 2.98 0.00	43.68 3.17 -2.45	44.21 3.32 -0.91	45.71 2.71 -2.00	46.16 2.35 -0.08	46.02 2.99 8.15	45.53 3.23 4.11	39.20 3.80 18.47	34.76 3.61 36.55	89.49 6.14 -3.52	73.61 4.76 0.00	84.07 4.69 0.97	72.67 3.83 0.00	54.71 2.95 7.62	47.41 2.61 5.78	37.92 2.08 2.25
EAST_POINT___SOLAR 323840	47.32 2.63 0.00	39.07 2.03 0.00	35.82 1.79 0.00	37.69 1.84 0.00	37.82 1.83 0.00	36.94 1.91 0.00	40.43 2.22 0.00	45.69 1.84 0.00	41.36 0.69 0.00	36.76 0.11 1.41	39.42 -0.02 0.53	40.56 0.71 1.15	43.08 0.37 1.02	47.54 0.46 4.10	45.83 0.32 0.90	53.50 0.14 0.50	68.63 0.93 0.00	82.96 3.13 0.00	72.18 3.33 0.00	85.78 5.43 0.00	74.14 5.30 0.00	63.83 4.44 0.00	54.17 3.59 0.00	40.63 2.54 0.00
EAST_PULASKI___ESR 323781	44.66 -0.03 0.00	37.08 0.03 0.00	33.99 -0.04 0.00	35.66 -0.19 0.00	35.84 -0.15 0.00	34.95 -0.08 0.00	38.26 0.05 0.00	43.82 -0.03 0.00	40.61 -0.06 0.00	38.08 0.02 0.00	40.00 0.03 0.00	41.04 0.04 0.00	43.73 0.00 0.00	51.39 0.03 -0.18	46.29 -0.12 0.00	54.00 -0.14 -0.27	71.14 0.00 -3.45	87.41 0.24 -7.34	75.47 0.57 -6.05	81.47 1.12 0.00	69.90 1.06 0.00	60.26 0.88 0.00	51.33 0.75 0.00	38.33 0.24 0.00
EAST_RIVER___1 323558	45.62 0.93 0.00	37.81 0.77 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.70 0.00	39.07 0.86 0.00	45.00 1.15 0.00	41.83 1.16 0.00	41.63 1.12 -2.45	42.20 1.31 -0.91	44.22 1.22 -2.00	46.49 1.00 -1.77	59.57 1.16 -7.22	49.26 1.25 -1.59	56.01 1.26 -0.89	68.93 1.23 0.00	81.70 1.87 0.00	70.06 1.21 0.00	81.14 0.79 0.00	69.39 0.56 0.00	59.87 0.49 0.00	51.50 0.92 0.00	38.98 0.90 0.00
EAST_RIVER___2 323559	45.70 1.01 0.00	37.87 0.82 0.00	34.72 0.69 0.00	36.50 0.65 0.00	36.66 0.67 0.00	35.72 0.68 0.00	39.07 0.86 0.00	45.00 1.15 0.00	41.85 1.18 0.00	41.66 1.15 -2.45	42.24 1.35 -0.91	44.26 1.26 -2.00	46.55 1.06 -1.77	59.64 1.24 -7.22	49.34 1.34 -1.59	56.11 1.35 -0.89	69.03 1.33 0.00	81.79 1.96 0.00	70.10 1.25 0.00	81.22 0.87 0.00	69.50 0.66 0.00	60.01 0.62 0.00	51.56 0.98 0.00	39.04 0.95 0.00
EAST___DELAWARE_HYD 23607	44.89 0.20 0.00	37.14 0.09 0.00	34.11 0.07 0.00	35.85 0.00 0.00	35.99 0.00 0.00	35.08 0.05 0.00	38.29 0.08 0.00	44.06 0.21 0.00	40.85 0.18 0.00	39.70 0.10 -1.54	40.66 0.12 -0.57	42.27 0.01 -1.26	44.70 -0.14 -1.11	55.46 -0.26 -4.54	46.31 -1.11 -1.00	53.13 -1.29 -0.56	66.16 -1.54 0.00	78.77 -1.06 0.00	67.98 -0.87 0.00	79.29 -1.07 0.00	69.44 0.60 0.00	59.64 0.26 0.00	50.95 0.37 0.00	38.36 0.27 0.00
EIGHT_POINT___WT_PWR 323820	44.97 0.28 0.00	36.72 -0.33 0.00	33.40 -0.64 0.00	35.55 -0.30 0.00	35.65 -0.34 0.00	35.02 -0.02 0.00	38.40 0.19 0.00	43.34 -0.51 0.00	40.22 -0.45 0.00	38.43 0.36 0.00	41.08 1.11 0.00	42.40 1.41 0.00	45.62 1.89 0.00	53.20 1.99 -0.03	47.99 1.57 0.00	55.92 2.02 -0.04	71.18 2.96 -0.52	84.59 3.65 -1.11	72.89 3.14 -0.90	84.88 4.53 0.00	72.23 3.39 0.00	61.79 2.40 0.00	51.81 1.23 0.00	38.80 0.71 0.00
ELBRIDGE_115KV_TB2 80188	44.36 -0.33 0.00	36.68 -0.36 0.00	33.60 -0.43 0.00	35.43 -0.42 0.00	35.58 -0.41 0.00	34.64 -0.40 0.00	37.88 -0.33 0.00	43.35 -0.49 0.00	40.20 -0.46 0.00	37.76 -0.31 0.00	39.81 -0.16 0.00	40.93 -0.07 0.00	43.73 0.00 0.00	51.37 0.06 -0.12	46.50 0.09 0.00	54.10 0.05 -0.19	70.37 0.30 -2.38	85.34 0.44 -5.07	73.58 0.54 -4.18	81.16 0.81 0.00	69.21 0.38 0.00	59.62 0.24 0.00	50.64 0.06 0.00	38.01 -0.08 0.00
ELEC_TRO_TEK 24086	44.86 0.26 0.08	37.57 0.53 0.00	34.49 0.46 0.00	36.27 0.42 0.00	36.43 0.44 0.00	35.54 0.51 0.00	38.77 0.56 0.00	44.63 0.78 0.00	41.51 0.85 0.00	41.28 0.78 -2.45	42.01 1.13 -0.91	43.62 0.62 -2.00	45.45 0.35 -1.37	55.34 0.41 -3.73	47.31 0.62 -0.27	50.73 0.51 3.64	59.55 0.38 8.52	80.86 1.03 0.00	69.34 0.49 0.00	80.06 -0.06 0.23	68.67 -0.16 0.00	57.44 -0.23 1.71	49.80 0.18 0.96	38.15 0.42 0.35
ELLENBURG_WT_PWR 323604	45.04 0.35 0.00	37.55 0.50 0.00	34.42 0.39 0.00	36.27 0.42 0.00	36.39 0.40 0.00	35.43 0.40 0.00	38.69 0.47 0.00	44.54 0.69 0.00	41.39 0.72 0.00	38.72 0.66 0.00	40.44 0.47 0.00	41.70 0.70 0.00	44.76 1.04 0.00	52.17 0.98 0.00	47.20 0.78 0.00	54.64 0.78 0.00	68.59 0.89 0.00	79.86 0.03 -0.32	68.53 -0.32 0.00	80.16 -0.19 0.00	69.04 0.21 0.00	59.63 0.25 0.00	50.69 0.12 0.00	38.29 0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.57 0.89 0.00	37.38 0.33 0.00	33.93 -0.10 0.00	36.15 0.30 0.00	36.04 0.05 0.00	35.19 0.15 0.00	38.62 0.41 0.00	43.69 -0.15 0.00	40.91 0.24 0.00	39.59 1.52 0.00	42.77 2.81 0.00	44.22 3.22 0.00	47.64 3.92 0.00	55.46 4.28 0.00	49.74 3.32 0.00	57.92 4.06 0.00	73.27 5.57 0.00	85.37 5.54 0.00	72.58 3.73 0.00	84.75 4.40 0.00	71.68 2.84 0.00	61.97 2.59 0.00	52.54 1.96 0.00	39.62 1.54 0.00
EMPIRE_CC_1 323656	44.54 -0.15 0.00	37.01 -0.04 0.00	34.19 0.16 0.00	35.98 0.13 0.00	36.16 0.17 0.00	35.14 0.10 0.00	38.14 -0.07 0.00	43.75 -0.10 0.00	40.47 -0.19 0.00	34.07 -0.31 3.69	38.13 -0.46 1.38	37.33 -0.65 3.02	40.09 -0.96 2.67	39.24 -1.03 10.91	43.13 -0.88 2.40	51.47 -1.05 1.35	66.13 -1.57 0.00	78.44 -1.39 0.00	67.86 -0.99 0.00	78.82 -1.54 0.00	67.72 -1.12 0.00	58.41 -0.98 0.00	49.87 -0.71 0.00	37.67 -0.42 0.00
EMPIRE_CC_2 323658	44.54 -0.15 0.00	37.01 -0.04 0.00	34.19 0.16 0.00	35.98 0.13 0.00	36.16 0.17 0.00	35.14 0.10 0.00	38.14 -0.07 0.00	43.75 -0.10 0.00	40.47 -0.19 0.00	34.07 -0.31 3.69	38.13 -0.46 1.38	37.33 -0.65 3.02	40.09 -0.96 2.67	39.24 -1.03 10.91	43.13 -0.88 2.40	51.47 -1.05 1.35	66.13 -1.57 0.00	78.44 -1.39 0.00	67.86 -0.99 0.00	78.82 -1.54 0.00	67.72 -1.12 0.00	58.41 -0.98 0.00	49.87 -0.71 0.00	37.67 -0.42 0.00
ENORWICH_115KV_TB1 80156	47.39 2.70 0.00	39.15 2.11 0.00	35.86 1.83 0.00	37.89 2.04 0.00	38.03 2.04 0.00	37.21 2.18 0.00	40.82 2.61 0.00	46.63 2.78 0.00	43.18 2.51 0.00	40.56 2.50 0.00	42.46 2.50 0.00	43.39 2.39 0.00	46.55 2.83 0.00	54.58 3.34 -0.05	49.52 3.11 0.00	57.63 3.69 -0.07	73.52 4.88 -0.95	88.21 6.37 -2.01	76.73 6.21 -1.66	88.21 7.85 0.00	75.37 6.53 0.00	64.44 5.05 0.00	54.34 3.76 0.00	40.58 2.49 0.00
ERIE_ST__34_KV_TB1-2 80199	46.54 1.85 0.00	38.10 1.05 0.00	34.53 0.50 0.00	36.77 0.92 0.00	36.64 0.65 0.00	35.78 0.74 0.00	39.31 1.10 0.00	44.51 0.66 0.00	41.73 1.06 0.00	40.44 2.37 0.00	43.77 3.80 0.00	45.31 4.31 0.00	48.92 5.20 0.00	57.09 5.90 0.00	51.28 4.86 0.00	59.85 5.98 0.00	75.81 8.12 0.00	88.37 8.54 0.00	74.28 5.42 0.00	85.92 5.57 0.00	72.61 3.78 0.00	62.63 3.25 0.00	52.98 2.40 0.00	39.92 1.83 0.00
ERIE_WT_PWR 323693	45.93 1.24 0.00	37.65 0.60 0.00	34.16 0.13 0.00	36.38 0.53 0.00	36.23 0.24 0.00	35.40 0.37 0.00	38.86 0.66 0.00	43.93 0.09 0.00	41.19 0.52 0.00	39.82 1.76 0.00	43.09 3.12 0.00	44.57 3.57 0.00	48.02 4.30 0.00	55.99 4.80 0.00	50.22 3.80 0.00	58.54 4.68 0.00	74.09 6.40 0.00	86.38 6.55 0.00	73.25 4.40 0.00	85.37 5.02 0.00	72.21 3.37 0.00	62.41 3.02 0.00	52.83 2.25 0.00	39.81 1.72 0.00
ESPRGFLD_115KV_TB1 80157	46.55 1.87 0.00	38.46 1.41 0.00	35.23 1.20 0.00	37.12 1.27 0.00	37.24 1.25 0.00	36.35 1.31 0.00	39.85 1.64 0.00	45.64 1.79 0.00	42.21 1.54 0.00	38.82 1.60 0.85	41.47 1.82 0.32	42.25 1.95 0.70	45.34 2.23 0.62	51.35 2.64 2.48	48.26 2.40 0.54	56.19 2.63 0.31	71.18 3.48 0.00	84.05 4.22 0.00	72.55 3.70 0.00	85.10 4.74 0.00	72.85 4.02 0.00	62.70 3.32 0.00	53.28 2.70 0.00	40.01 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.43 0.74 0.00	37.54 0.49 0.00	34.38 0.34 0.00	36.26 0.41 0.00	36.39 0.40 0.00	35.49 0.45 0.00	38.84 0.63 0.00	44.42 0.57 0.00	41.09 0.42 0.00	38.57 0.50 0.00	40.55 0.58 0.00	41.52 0.52 0.00	44.40 0.68 0.00	52.14 0.89 -0.07	47.23 0.82 0.00	54.94 0.98 -0.10	70.51 1.53 -1.29	84.69 2.13 -2.74	73.34 2.23 -2.25	83.49 3.14 0.00	71.33 2.49 0.00	61.31 1.92 0.00	51.99 1.41 0.00	38.96 0.87 0.00
ETNA____115KV_TB2 80207	45.43 0.74 0.00	37.54 0.49 0.00	34.38 0.34 0.00	36.26 0.41 0.00	36.39 0.40 0.00	35.49 0.45 0.00	38.84 0.63 0.00	44.42 0.57 0.00	41.09 0.42 0.00	38.57 0.50 0.00	40.55 0.58 0.00	41.52 0.52 0.00	44.40 0.68 0.00	52.14 0.89 -0.07	47.23 0.82 0.00	54.94 0.98 -0.10	70.51 1.53 -1.29	84.69 2.13 -2.74	73.34 2.23 -2.25	83.49 3.14 0.00	71.33 2.49 0.00	61.31 1.92 0.00	51.99 1.41 0.00	38.96 0.87 0.00
EUCLID___115KV_TB2 356179	43.99 -0.69 0.00	36.39 -0.65 0.00	33.39 -0.64 0.00	35.19 -0.66 0.00	35.31 -0.68 0.00	34.40 -0.64 0.00	37.59 -0.63 0.00	43.05 -0.80 0.00	39.93 -0.74 0.00	37.50 -0.57 0.00	39.52 -0.45 0.00	40.62 -0.38 0.00	43.37 -0.36 0.00	50.87 -0.37 -0.06	46.09 -0.33 0.00	53.62 -0.32 0.00	68.49 -0.26 -1.05	81.94 -0.13 -2.24	70.59 -0.11 -1.85	80.32 -0.03 0.00	68.61 -0.23 0.00	59.07 -0.31 0.00	50.19 -0.39 0.00	37.71 -0.38 0.00
E_CANADA_CAP_HY 24051	46.88 2.19 0.00	38.74 1.69 0.00	35.48 1.45 0.00	37.35 1.50 0.00	37.48 1.48 0.00	36.58 1.54 0.00	40.10 1.89 0.00	45.81 1.96 0.00	42.11 1.44 0.00	38.07 1.28 1.27	40.82 1.33 0.47	41.49 1.53 1.04	44.48 1.68 0.92	49.50 2.01 3.70	47.38 1.78 0.81	55.32 1.91 0.45	70.44 2.75 0.00	83.50 3.67 0.00	72.33 3.47 0.00	85.25 4.90 0.00	73.24 4.41 0.00	63.09 3.71 0.00	53.61 3.03 0.00	40.28 2.19 0.00
E_CANADA_MHWK_HY 24050	45.50 0.82 0.00	37.66 0.61 0.00	34.76 0.73 0.00	36.56 0.71 0.00	36.75 0.76 0.00	35.77 0.73 0.00	38.86 0.65 0.00	44.32 0.48 0.00	40.62 -0.05 0.00	37.44 -0.62 0.00	39.06 -0.91 0.00	39.94 -1.06 0.00	42.19 -1.53 0.00	49.65 -1.54 0.00	45.24 -1.17 0.00	52.72 -1.14 0.00	66.39 -1.30 0.00	79.90 0.07 0.00	69.93 1.08 0.00	81.99 1.64 0.00	70.37 1.53 0.00	60.49 1.11 0.00	51.42 0.84 0.00	38.64 0.56 0.00
E_FISHKILL___LBMP 23776	45.20 0.51 0.00	37.48 0.43 0.00	34.45 0.42 0.00	36.23 0.38 0.00	36.40 0.41 0.00	35.46 0.43 0.00	38.69 0.48 0.00	44.52 0.67 0.00	41.31 0.64 0.00	41.09 0.52 -2.51	41.55 0.64 -0.94	43.57 0.52 -2.05	45.84 0.29 -1.82	58.96 0.37 -7.40	48.58 0.53 -1.63	55.27 0.50 -0.91	68.08 0.38 0.00	80.72 0.89 0.00	69.37 0.51 0.00	80.49 0.14 0.00	68.91 0.07 0.00	59.41 0.03 0.00	50.94 0.36 0.00	38.50 0.41 0.00
FALCON___SEABRD_CC1 323796	44.81 0.13 0.00	37.50 0.45 0.00	34.38 0.35 0.00	36.24 0.39 0.00	36.37 0.37 0.00	35.40 0.37 0.00	38.67 0.45 0.00	44.54 0.70 0.00	41.39 0.72 0.00	38.72 0.66 0.00	40.43 0.45 0.00	41.83 0.83 0.00	44.99 1.27 0.00	52.23 1.05 0.00	47.31 0.89 0.00	54.74 0.88 0.00	68.68 0.98 0.00	80.21 0.38 0.00	68.78 -0.08 0.00	80.17 -0.18 0.00	69.07 0.23 0.00	59.68 0.30 0.00	50.70 0.12 0.00	38.43 0.34 0.00
FALCON___SEABRD_CC2 323797	44.81 0.13 0.00	37.50 0.45 0.00	34.38 0.35 0.00	36.24 0.39 0.00	36.37 0.37 0.00	35.40 0.37 0.00	38.67 0.45 0.00	44.54 0.70 0.00	41.39 0.72 0.00	38.72 0.66 0.00	40.43 0.45 0.00	41.83 0.83 0.00	44.99 1.27 0.00	52.23 1.05 0.00	47.31 0.89 0.00	54.74 0.88 0.00	68.68 0.98 0.00	80.21 0.38 0.00	68.78 -0.08 0.00	80.17 -0.18 0.00	69.07 0.23 0.00	59.68 0.30 0.00	50.70 0.12 0.00	38.43 0.34 0.00

FAR ROCKAWAY___4 23548	45.56 0.90 0.03	38.07 1.02 0.00	34.92 0.89 0.00	36.72 0.87 0.00	36.87 0.88 0.00	35.99 0.95 0.00	39.27 1.05 0.00	45.19 1.34 0.00	42.07 1.40 0.00	41.83 1.32 -2.45	42.65 1.76 -0.91	44.29 1.29 -2.00	46.44 1.12 -1.59	58.25 1.28 -5.78	48.87 1.45 -1.02	54.24 1.49 1.12	65.63 1.71 3.77	82.51 2.68 0.00	70.77 1.92 0.00	81.85 1.59 0.10	69.98 1.15 0.00	59.51 0.81 0.69	51.53 1.02 0.07	39.10 1.01 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.64 0.95 0.00	37.82 0.77 0.00	34.71 0.68 0.00	36.49 0.64 0.00	36.66 0.67 0.00	35.75 0.72 0.00	39.09 0.88 0.00	45.00 1.16 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.51 1.02 -1.77	59.58 1.17 -7.22	49.28 1.27 -1.59	56.03 1.27 -0.89	68.94 1.24 0.00	81.73 1.90 0.00	70.07 1.22 0.00	81.18 0.83 0.00	69.41 0.57 0.00	59.87 0.48 0.00	51.51 0.93 0.00	39.00 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.64 0.95 0.00	37.83 0.78 0.00	34.72 0.69 0.00	36.50 0.65 0.00	36.67 0.67 0.00	35.76 0.72 0.00	39.10 0.89 0.00	45.00 1.16 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.51 1.01 -1.77	59.58 1.17 -7.22	49.28 1.27 -1.59	56.02 1.27 -0.89	68.94 1.24 0.00	81.73 1.90 0.00	70.07 1.22 0.00	81.19 0.84 0.00	69.44 0.60 0.00	59.90 0.51 0.00	51.53 0.95 0.00	39.00 0.92 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.59 0.90 0.00	37.79 0.74 0.00	34.69 0.65 0.00	36.46 0.61 0.00	36.64 0.65 0.00	35.73 0.70 0.00	39.07 0.86 0.00	44.98 1.14 0.00	41.83 1.16 0.00	41.60 1.09 -2.45	42.18 1.30 -0.91	44.20 1.20 -2.00	46.47 0.98 -1.77	59.54 1.13 -7.22	49.25 1.24 -1.59	55.98 1.23 -0.89	68.89 1.19 0.00	81.67 1.84 0.00	70.01 1.16 0.00	81.11 0.76 0.00	69.35 0.51 0.00	59.82 0.44 0.00	51.47 0.89 0.00	38.97 0.88 0.00
FARRAGUT___LBMP 323566	45.56 0.87 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.44 0.59 0.00	36.62 0.62 0.00	35.70 0.67 0.00	39.03 0.82 0.00	44.94 1.10 0.00	41.79 1.12 0.00	41.55 1.05 -2.45	42.14 1.26 -0.91	44.16 1.16 -2.00	46.43 0.93 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.91 1.16 -0.89	68.80 1.11 0.00	81.56 1.74 0.00	69.94 1.09 0.00	81.03 0.68 0.00	69.30 0.46 0.00	59.78 0.40 0.00	51.43 0.85 0.00	38.94 0.84 0.00
FENNER___WINDPWR 24204	45.60 0.91 0.00	37.75 0.70 0.00	34.61 0.58 0.00	36.45 0.60 0.00	36.58 0.59 0.00	35.67 0.64 0.00	39.02 0.80 0.00	44.69 0.84 0.00	41.47 0.80 0.00	38.84 0.78 0.00	40.87 0.90 0.00	41.74 0.74 0.00	44.54 0.81 0.00	52.37 1.13 -0.05	47.46 1.05 0.00	55.24 1.30 -0.08	70.56 1.87 -0.99	84.33 2.40 -2.11	72.99 2.40 -1.74	83.39 3.04 0.00	71.36 2.52 0.00	61.36 1.98 0.00	52.01 1.43 0.00	38.97 0.88 0.00
FIBERTEK___ENERGY 23856	44.52 -0.17 0.00	36.82 -0.22 0.00	33.75 -0.28 0.00	35.58 -0.27 0.00	35.72 -0.27 0.00	34.79 -0.24 0.00	38.04 -0.17 0.00	43.57 -0.28 0.00	40.37 -0.30 0.00	37.90 -0.17 0.00	39.95 -0.02 0.00	41.07 0.07 0.00	43.88 0.16 0.00	51.58 0.28 -0.12	46.69 0.27 0.00	54.38 0.34 -0.18	70.56 0.61 -2.25	85.52 0.90 -4.80	73.72 0.91 -3.96	81.53 1.18 0.00	69.59 0.75 0.00	59.89 0.51 0.00	50.86 0.28 0.00	38.17 0.08 0.00
FITZPATRICK___ 23598	43.36 -1.33 0.00	35.90 -1.14 0.00	32.94 -1.09 0.00	34.71 -1.14 0.00	34.84 -1.15 0.00	33.93 -1.10 0.00	37.05 -1.16 0.00	42.44 -1.41 0.00	39.37 -1.30 0.00	36.91 -1.15 0.00	38.89 -1.09 0.00	39.95 -1.05 0.00	42.65 -1.08 0.00	49.25 -1.26 0.67	45.26 -1.15 0.00	51.55 -1.31 1.01	53.49 -1.53 12.67	51.11 -1.74 26.98	45.13 -1.46 22.25	78.73 -1.62 0.00	67.32 -1.52 0.00	58.02 -1.37 0.00	49.34 -1.24 0.00	37.12 -0.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.86 1.17 0.00	37.98 0.93 0.00	34.89 0.86 0.00	36.69 0.84 0.00	36.86 0.87 0.00	35.92 0.89 0.00	39.21 1.00 0.00	45.14 1.29 0.00	41.88 1.21 0.00	41.12 1.08 -1.98	41.96 1.25 -0.74	43.79 1.17 -1.62	46.19 1.03 -1.43	58.35 1.31 -5.85	49.10 1.40 -1.28	56.14 1.56 -0.72	69.55 1.86 0.00	82.53 2.70 0.00	70.94 2.09 0.00	82.30 1.95 0.00	70.34 1.50 0.00	60.57 1.19 0.00	51.84 1.26 0.00	39.11 1.02 0.00
FORT ORANGE___ 23900	44.69 0.01 0.00	37.11 0.06 0.00	34.22 0.18 0.00	36.00 0.16 0.00	36.19 0.19 0.00	35.16 0.13 0.00	38.23 0.02 0.00	43.89 0.04 0.00	40.61 -0.05 0.00	36.07 -0.23 1.77	38.96 -0.35 0.66	39.04 -0.51 1.45	41.71 -0.73 1.28	45.18 -0.74 5.26	44.68 -0.58 1.16	52.60 -0.62 0.65	66.75 -0.94 0.00	79.25 -0.59 0.00	68.64 -0.21 0.00	79.96 -0.39 0.00	68.65 -0.19 0.00	59.15 -0.24 0.00	50.40 -0.18 0.00	37.98 -0.11 0.00
FORT_DRUM_COGEN 23780	47.20 2.52 0.00	39.35 2.30 0.00	36.00 1.97 0.00	37.40 1.55 0.00	37.72 1.72 0.00	36.85 1.81 0.00	40.54 2.34 0.00	46.45 2.60 0.00	43.06 2.39 0.00	40.41 2.35 0.00	42.15 2.19 0.00	43.02 2.03 0.00	45.61 1.88 0.00	53.57 2.29 -0.09	48.42 2.00 0.00	56.32 2.32 -0.13	72.68 3.30 -1.68	87.54 4.12 -3.58	76.36 4.55 -2.95	87.05 6.70 0.00	75.37 6.53 0.00	64.89 5.50 0.00	54.86 4.28 0.00	40.45 2.36 0.00
FOX_HILLS___ESR 323835	45.55 0.87 0.00	37.82 0.78 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.67 0.67 0.00	35.75 0.71 0.00	39.11 0.90 0.00	44.95 1.11 0.00	41.77 1.10 0.00	41.46 0.95 -2.45	42.02 1.14 -0.91	44.04 1.04 -2.00	46.25 0.75 -1.77	59.26 0.85 -7.22	49.13 1.13 -1.59	55.55 0.80 -0.89	68.55 0.85 0.00	81.26 1.43 0.00	69.85 1.00 0.00	80.93 0.58 0.00	69.15 0.31 0.00	59.82 0.43 0.00	51.67 1.09 0.00	39.25 1.16 0.00
FPL_FAR_ROCK_GT1 24212	45.56 0.90 0.03	38.07 1.02 0.00	34.92 0.89 0.00	36.72 0.87 0.00	36.87 0.88 0.00	35.99 0.95 0.00	39.27 1.05 0.00	45.20 1.36 0.00	42.07 1.40 0.00	41.85 1.34 -2.45	42.65 1.76 -0.91	44.28 1.28 -2.00	46.43 1.11 -1.59	58.24 1.28 -5.78	48.87 1.44 -1.02	54.23 1.49 1.12	65.62 1.69 3.77	82.51 2.68 0.00	70.77 1.92 0.00	81.85 1.59 0.10	69.98 1.14 0.00	59.51 0.81 0.69	51.50 0.99 0.07	39.10 1.01 0.00
FPL_FAR_ROCK_GT2 23815	45.56 0.90 0.03	38.07 1.02 0.00	34.92 0.89 0.00	36.72 0.87 0.00	36.87 0.88 0.00	35.99 0.95 0.00	39.27 1.05 0.00	45.20 1.36 0.00	42.07 1.40 0.00	41.85 1.34 -2.45	42.65 1.76 -0.91	44.28 1.28 -2.00	46.43 1.11 -1.59	58.24 1.28 -5.78	48.87 1.44 -1.02	54.23 1.49 1.12	65.62 1.69 3.77	82.51 2.68 0.00	70.77 1.92 0.00	81.85 1.59 0.10	69.98 1.14 0.00	59.51 0.81 0.69	51.50 0.99 0.07	39.10 1.01 0.00
FRANKLIN_FALL_HYD 24054	46.02 1.33 0.00	38.28 1.24 0.00	35.05 1.02 0.00	36.91 1.06 0.00	37.05 1.06 0.00	36.07 1.04 0.00	39.44 1.23 0.00	45.46 1.62 0.00	42.22 1.56 0.00	39.50 1.44 0.00	41.20 1.23 0.00	42.39 1.40 0.00	45.46 1.73 0.00	53.05 1.86 0.00	48.00 1.58 0.00	55.65 1.79 0.00	69.89 2.20 0.00	81.06 1.23 0.00	69.73 0.87 0.00	81.66 1.31 0.00	70.38 1.54 0.00	60.89 1.51 0.00	51.78 1.20 0.00	39.05 0.96 0.00

FREEPORT_EQUS_GT1 23764	44.86 0.39 0.21	37.71 0.66 0.00	34.61 0.58 0.00	36.40 0.55 0.00	36.55 0.56 0.00	35.68 0.65 0.00	38.91 0.70 0.00	44.82 0.97 0.00	41.67 1.00 0.00	41.47 0.96 -2.45	42.22 1.34 -0.91	43.78 0.78 -2.00	45.06 0.49 -0.84	50.59 0.61 1.21	45.68 0.82 1.55	44.79 0.72 9.79	48.27 0.68 20.10	81.03 1.20 0.00	69.48 0.63 0.00	79.95 0.14 0.53	68.93 0.09 0.00	55.29 0.07 4.17	47.96 0.38 3.00	37.51 0.57 1.15
FREEPORT___CT2 23818	44.86 0.39 0.21	37.71 0.66 0.00	34.61 0.58 0.00	36.40 0.55 0.00	36.55 0.56 0.00	35.68 0.65 0.00	38.91 0.70 0.00	44.82 0.97 0.00	41.67 1.00 0.00	41.47 0.96 -2.45	42.22 1.34 -0.91	43.78 0.78 -2.00	45.06 0.49 -0.84	50.59 0.61 1.21	45.68 0.82 1.55	44.79 0.72 9.79	48.27 0.68 20.10	81.03 1.20 0.00	69.48 0.63 0.00	79.95 0.14 0.53	68.93 0.09 0.00	55.29 0.07 4.17	47.96 0.38 3.00	37.51 0.57 1.15
FRESHKLS_33_KV_LOAD 356253	45.61 0.93 0.00	37.89 0.84 0.00	34.77 0.73 0.00	36.54 0.69 0.00	36.74 0.75 0.00	35.82 0.78 0.00	39.18 0.97 0.00	45.01 1.16 0.00	41.75 1.08 0.00	41.41 0.90 -2.45	41.96 1.07 -0.91	43.96 0.96 -2.00	46.14 0.65 -1.77	58.94 0.69 -7.06	49.11 1.11 -1.59	55.46 0.71 -0.89	68.50 0.81 0.00	81.21 1.38 0.00	69.99 1.14 0.00	81.08 0.73 0.00	69.26 0.42 0.00	59.93 0.55 0.00	51.78 1.20 0.00	39.39 1.31 0.00
FULTON COGEN____ 23766	43.97 -0.72 0.00	36.39 -0.66 0.00	33.39 -0.64 0.00	35.17 -0.68 0.00	35.30 -0.69 0.00	34.39 -0.64 0.00	37.58 -0.63 0.00	43.05 -0.80 0.00	39.90 -0.77 0.00	37.44 -0.62 0.00	39.44 -0.54 0.00	40.52 -0.47 0.00	43.27 -0.45 0.00	50.92 -0.49 -0.22	45.94 -0.47 0.00	53.73 -0.46 -0.33	71.27 -0.52 -4.10	88.19 -0.38 -8.74	75.81 -0.25 -7.21	80.21 -0.15 0.00	68.57 -0.27 0.00	59.05 -0.33 0.00	50.20 -0.38 0.00	37.71 -0.38 0.00
FULTON___LFGE 323630	46.98 2.29 0.00	38.83 1.78 0.00	35.62 1.59 0.00	37.47 1.62 0.00	37.63 1.63 0.00	36.70 1.67 0.00	40.14 1.93 0.00	45.80 1.96 0.00	41.79 1.13 0.00	37.24 0.62 1.44	39.81 0.38 0.54	40.22 0.40 1.18	43.06 0.37 1.04	47.55 0.57 4.20	46.17 0.67 0.92	54.04 0.70 0.52	68.86 1.16 0.00	82.33 2.50 0.00	71.99 3.13 0.00	85.23 4.87 0.00	73.38 4.54 0.00	63.15 3.76 0.00	53.63 3.06 0.00	40.27 2.18 0.00
G.F.CEMENT___DRP 24184	46.92 2.23 0.00	38.77 1.73 0.00	35.75 1.72 0.00	37.49 1.64 0.00	37.69 1.70 0.00	36.75 1.72 0.00	39.91 1.70 0.00	45.78 1.93 0.00	42.25 1.58 0.00	37.06 1.19 2.19	40.06 0.92 0.82	40.00 0.79 1.79	42.73 0.59 1.59	45.58 0.83 6.43	45.95 0.95 1.41	54.51 1.44 0.79	69.82 2.12 0.00	83.11 3.29 0.00	72.54 3.68 0.00	84.47 4.12 0.00	72.46 3.62 0.00	62.25 2.87 0.00	52.78 2.20 0.00	39.79 1.70 0.00
GARDENVILLE___LBMP 24039	45.67 0.98 0.00	37.45 0.41 0.00	33.98 -0.05 0.00	36.20 0.35 0.00	36.07 0.08 0.00	35.23 0.20 0.00	38.69 0.47 0.00	43.77 -0.08 0.00	40.97 0.30 0.00	39.64 1.58 0.00	42.84 2.87 0.00	44.28 3.28 0.00	47.73 4.00 0.00	55.60 4.42 0.00	49.89 3.47 0.00	58.11 4.25 0.00	73.52 5.82 0.00	85.71 5.88 0.00	72.83 3.98 0.00	84.97 4.62 0.00	71.88 3.04 0.00	62.11 2.72 0.00	52.62 2.05 0.00	39.66 1.57 0.00
GARDNVLA_35_KV_LD 355827	46.03 1.34 0.00	37.73 0.68 0.00	34.23 0.19 0.00	36.45 0.60 0.00	36.32 0.33 0.00	35.46 0.43 0.00	38.93 0.72 0.00	44.07 0.22 0.00	41.28 0.61 0.00	39.97 1.91 0.00	43.23 3.25 0.00	44.72 3.72 0.00	48.21 4.49 0.00	56.19 5.00 0.00	50.44 4.02 0.00	58.79 4.93 0.00	74.40 6.70 0.00	86.72 6.90 0.00	73.52 4.66 0.00	85.60 5.24 0.00	72.35 3.52 0.00	62.50 3.11 0.00	52.92 2.34 0.00	39.87 1.77 0.00
GELCKHM___115KV_LOAD 80723	44.20 -0.49 0.00	36.56 -0.49 0.00	33.53 -0.50 0.00	35.34 -0.51 0.00	35.47 -0.52 0.00	34.56 -0.47 0.00	37.77 -0.44 0.00	43.25 -0.60 0.00	40.09 -0.58 0.00	37.64 -0.42 0.00	39.68 -0.29 0.00	40.78 -0.21 0.00	43.56 -0.16 0.00	51.13 -0.13 -0.08	46.32 -0.10 0.00	53.92 -0.06 -0.12	69.25 0.07 -1.48	83.19 0.21 -3.15	71.74 0.29 -2.60	80.79 0.43 0.00	68.99 0.15 0.00	59.39 0.01 0.00	50.45 -0.13 0.00	37.89 -0.20 0.00
GENERAL___MILLS 23808	45.90 1.21 0.00	37.64 0.59 0.00	34.15 0.11 0.00	36.36 0.51 0.00	36.24 0.24 0.00	35.39 0.36 0.00	38.85 0.63 0.00	43.96 0.12 0.00	41.16 0.49 0.00	39.85 1.79 0.00	43.06 3.10 0.00	44.54 3.54 0.00	48.02 4.29 0.00	55.94 4.76 0.00	50.21 3.80 0.00	58.49 4.63 0.00	74.04 6.35 0.00	86.31 6.48 0.00	73.20 4.35 0.00	85.30 4.95 0.00	72.14 3.30 0.00	62.32 2.94 0.00	52.79 2.21 0.00	39.79 1.70 0.00
GE_PLASTICS___DRP 24183	44.53 -0.16 0.00	37.04 -0.01 0.00	34.15 0.12 0.00	35.94 0.10 0.00	36.12 0.13 0.00	35.10 0.07 0.00	38.19 -0.03 0.00	43.84 -0.01 0.00	40.62 -0.05 0.00	36.51 -0.18 1.37	39.22 -0.24 0.51	39.51 -0.37 1.12	42.17 -0.57 0.99	46.52 -0.59 4.08	45.06 -0.46 0.90	52.84 -0.52 0.50	66.88 -0.81 0.00	79.24 -0.59 0.00	68.45 -0.40 0.00	79.62 -0.73 0.00	68.31 -0.53 0.00	58.90 -0.49 0.00	50.26 -0.32 0.00	37.90 -0.19 0.00
GILBOA___1 23756	44.86 0.17 0.00	37.22 0.18 0.00	34.46 0.43 0.00	36.28 0.43 0.00	36.43 0.44 0.00	35.34 0.30 0.00	38.44 0.23 0.00	44.06 0.22 0.00	40.84 0.17 0.00	38.55 0.09 -0.40	40.24 0.12 -0.15	41.34 0.02 -0.32	43.88 -0.13 -0.29	52.24 -0.11 -1.17	46.66 -0.01 -0.26	53.97 -0.04 -0.14	67.38 -0.32 0.00	79.52 -0.31 0.00	68.64 -0.21 0.00	79.80 -0.55 0.00	68.56 -0.27 0.00	59.19 -0.19 0.00	50.59 0.01 0.00	38.15 0.06 0.00
GILBOA___2 23757	44.86 0.17 0.00	37.22 0.18 0.00	34.46 0.43 0.00	36.28 0.43 0.00	36.43 0.44 0.00	35.34 0.30 0.00	38.44 0.23 0.00	44.06 0.22 0.00	40.84 0.17 0.00	38.55 0.09 -0.40	40.24 0.12 -0.15	41.34 0.02 -0.32	43.88 -0.13 -0.29	52.24 -0.11 -1.17	46.66 -0.01 -0.26	53.97 -0.04 -0.14	67.38 -0.32 0.00	79.52 -0.31 0.00	68.64 -0.21 0.00	79.80 -0.55 0.00	68.56 -0.27 0.00	59.19 -0.19 0.00	50.59 0.01 0.00	38.15 0.06 0.00
GILBOA___3 23758	44.86 0.17 0.00	37.22 0.18 0.00	34.46 0.43 0.00	36.28 0.43 0.00	36.43 0.44 0.00	35.34 0.30 0.00	38.44 0.23 0.00	44.06 0.22 0.00	40.84 0.17 0.00	38.55 0.09 -0.40	40.24 0.12 -0.15	41.34 0.02 -0.32	43.88 -0.13 -0.29	52.24 -0.11 -1.17	46.66 -0.01 -0.26	53.97 -0.04 -0.14	67.38 -0.32 0.00	79.52 -0.31 0.00	68.64 -0.21 0.00	79.80 -0.55 0.00	68.56 -0.27 0.00	59.19 -0.19 0.00	50.59 0.01 0.00	38.15 0.06 0.00
GILBOA___4 23759	44.86 0.17 0.00	37.22 0.18 0.00	34.46 0.43 0.00	36.28 0.43 0.00	36.43 0.44 0.00	35.34 0.30 0.00	38.44 0.23 0.00	44.06 0.22 0.00	40.84 0.17 0.00	38.55 0.09 -0.40	40.24 0.12 -0.15	41.34 0.02 -0.32	43.88 -0.13 -0.29	52.24 -0.11 -1.17	46.66 -0.01 -0.26	53.97 -0.04 -0.14	67.38 -0.32 0.00	79.52 -0.31 0.00	68.64 -0.21 0.00	79.80 -0.55 0.00	68.56 -0.27 0.00	59.19 -0.19 0.00	50.59 0.01 0.00	38.15 0.06 0.00

GILBOA____ 23599	44.86 0.17 0.00	37.22 0.18 0.00	34.46 0.43 0.00	36.28 0.43 0.00	36.43 0.44 0.00	35.34 0.30 0.00	38.44 0.22 0.00	44.06 0.21 0.00	40.84 0.17 0.00	38.55 0.09 -0.40	40.24 0.12 -0.15	41.34 0.02 -0.32	43.88 -0.13 -0.29	52.24 -0.11 -1.17	46.66 -0.01 -0.26	53.97 -0.04 -0.14	67.38 -0.32 0.00	79.52 -0.31 0.00	68.63 -0.22 0.00	79.80 -0.56 0.00	68.56 -0.28 0.00	59.19 -0.19 0.00	50.59 0.01 0.00	38.15 0.06 0.00
GINNA____ 23603	43.23 -1.46 0.00	35.61 -1.44 0.00	32.51 -1.52 0.00	34.37 -1.48 0.00	34.45 -1.54 0.00	33.59 -1.44 0.00	36.78 -1.43 0.00	41.96 -1.88 0.00	39.03 -1.64 0.00	37.03 -1.04 0.00	39.44 -0.53 0.00	40.69 -0.30 0.00	43.68 -0.05 0.00	51.14 -0.05 0.00	46.24 -0.18 0.00	53.93 0.07 0.00	68.42 0.72 0.00	80.34 0.51 0.00	69.09 0.24 0.00	80.69 0.34 0.00	68.51 -0.33 0.00	58.97 -0.41 0.00	49.94 -0.63 0.00	37.56 -0.53 0.00
GLEN PARK____ 23778	47.51 2.83 0.00	39.55 2.50 0.00	36.19 2.16 0.00	37.60 1.76 0.00	37.94 1.95 0.00	37.06 2.03 0.00	40.82 2.61 0.00	46.74 2.89 0.00	43.31 2.64 0.00	40.62 2.56 0.00	42.34 2.38 0.00	43.22 2.22 0.00	45.73 2.01 0.00	53.71 2.43 -0.09	48.54 2.13 0.00	56.46 2.45 -0.14	73.00 3.54 -1.77	88.08 4.49 -3.77	76.92 4.97 -3.11	87.72 7.37 0.00	76.07 7.23 0.00	65.49 6.10 0.00	55.34 4.76 0.00	40.76 2.68 0.00
GLENDALE_27_KV_LOAD 356172	45.80 1.11 0.00	37.98 0.93 0.00	34.85 0.82 0.00	36.62 0.76 0.00	36.81 0.82 0.00	35.89 0.85 0.00	39.29 1.08 0.00	45.19 1.34 0.00	42.08 1.42 0.00	41.83 1.32 -2.45	42.42 1.53 -0.91	44.45 1.45 -2.00	46.74 1.24 -1.77	59.85 1.44 -7.22	49.54 1.54 -1.59	56.14 1.39 -0.89	69.22 1.52 0.00	82.06 2.23 0.00	70.33 1.48 0.00	81.45 1.10 0.00	69.60 0.76 0.00	60.13 0.74 0.00	51.84 1.26 0.00	39.29 1.20 0.00
GLENWOOD_IC_1_G5 23712	45.24 0.69 0.13	37.80 0.75 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.71 0.00	39.02 0.81 0.00	44.91 1.07 0.00	41.78 1.11 0.00	41.55 1.04 -2.45	42.28 1.40 -0.91	44.07 1.08 -2.00	45.78 0.85 -1.21	54.40 1.03 -2.18	47.32 1.19 0.29	49.56 1.19 5.50	56.67 1.01 12.03	81.24 1.41 0.00	69.67 0.82 0.00	80.36 0.33 0.32	68.96 0.13 0.00	56.94 0.05 2.50	49.47 0.68 1.79	38.14 0.74 0.69
GLENWOOD_IC_2_G1 23688	45.34 0.65 0.00	37.71 0.66 0.00	34.63 0.60 0.00	36.43 0.58 0.00	36.59 0.60 0.00	35.67 0.64 0.00	38.95 0.74 0.00	44.84 0.99 0.00	41.67 1.00 0.00	41.45 0.94 -2.45	42.10 1.22 -0.91	43.94 0.94 -2.00	46.20 0.71 -1.77	59.22 0.86 -7.18	48.99 1.00 -1.57	55.67 0.98 -0.83	68.52 0.94 0.12	81.40 1.56 0.00	69.85 1.00 0.00	80.92 0.57 0.00	69.21 0.37 0.00	59.62 0.26 0.02	51.19 0.61 0.00	38.77 0.68 0.00
GLENWOOD_IC_3_G1 23689	45.34 0.65 0.00	37.71 0.66 0.00	34.63 0.60 0.00	36.43 0.58 0.00	36.59 0.60 0.00	35.67 0.64 0.00	38.95 0.74 0.00	44.84 0.99 0.00	41.67 1.00 0.00	41.45 0.94 -2.45	42.10 1.22 -0.91	43.94 0.94 -2.00	46.20 0.71 -1.77	59.22 0.86 -7.18	48.99 1.00 -1.57	55.67 0.98 -0.83	68.52 0.94 0.12	81.40 1.56 0.00	69.85 1.00 0.00	80.92 0.57 0.00	69.21 0.37 0.00	59.62 0.26 0.02	51.19 0.61 0.00	38.77 0.68 0.00
GLENWOOD____4 23550	45.24 0.69 0.13	37.80 0.75 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.71 0.00	39.02 0.81 0.00	44.91 1.07 0.00	41.78 1.11 0.00	41.55 1.04 -2.45	42.28 1.40 -0.91	44.07 1.08 -2.00	45.78 0.85 -1.21	54.40 1.03 -2.18	47.32 1.19 0.29	49.56 1.19 5.50	56.76 1.09 12.03	81.44 1.61 0.00	69.85 1.00 0.00	80.56 0.53 0.32	69.15 0.31 0.00	57.08 0.19 2.50	49.47 0.68 1.79	38.14 0.74 0.69
GLENWOOD____5 23614	45.24 0.69 0.13	37.80 0.75 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.71 0.00	39.02 0.81 0.00	44.91 1.07 0.00	41.78 1.11 0.00	41.55 1.04 -2.45	42.28 1.40 -0.91	44.07 1.08 -2.00	45.78 0.85 -1.21	54.40 1.03 -2.18	47.32 1.19 0.29	49.56 1.19 5.50	56.76 1.09 12.03	81.44 1.61 0.00	69.85 1.00 0.00	80.56 0.53 0.32	69.15 0.31 0.00	57.08 0.19 2.50	49.47 0.68 1.79	38.14 0.74 0.69
GLOBAL GREEN_PORT_GT1 23814	45.88 1.60 0.40	38.96 1.92 0.00	35.97 1.94 0.00	38.00 2.15 0.00	38.17 2.18 0.00	37.29 2.26 0.00	40.70 2.49 0.00	46.91 3.06 0.00	43.45 2.78 0.00	43.50 2.99 -2.45	44.01 3.12 -0.91	45.49 2.49 -2.00	45.94 2.13 -0.08	45.77 2.74 8.15	45.29 2.98 4.11	38.92 3.53 18.47	34.61 3.46 36.55	89.32 5.97 -3.52	73.45 4.60 0.00	83.89 4.50 0.97	72.51 3.67 0.00	54.49 2.73 7.62	47.21 2.41 5.78	37.77 1.92 2.25
GLOBE____DSASP 323697	44.56 -0.13 0.00	36.60 -0.45 0.00	33.24 -0.79 0.00	35.43 -0.42 0.00	35.36 -0.63 0.00	34.48 -0.55 0.00	37.78 -0.43 0.00	42.68 -1.17 0.00	39.93 -0.73 0.00	38.67 0.61 0.00	41.78 1.81 0.00	43.18 2.18 0.00	46.49 2.76 0.00	53.99 2.81 0.00	48.23 1.81 0.00	55.91 2.05 0.00	70.71 3.01 0.00	82.10 2.28 0.00	70.10 1.25 0.00	81.97 1.62 0.00	69.38 0.54 0.00	60.34 0.96 0.00	51.39 0.81 0.00	38.88 0.79 0.00
GOETHSLN____LBMP 323567	45.30 0.61 0.00	37.55 0.50 0.00	34.45 0.42 0.00	36.23 0.38 0.00	36.40 0.41 0.00	35.49 0.46 0.00	38.81 0.60 0.00	44.66 0.81 0.00	41.55 0.88 0.00	41.33 0.82 -2.45	41.89 1.01 -0.91	43.91 0.91 -2.00	46.15 0.66 -1.77	59.15 0.74 -7.22	48.90 0.90 -1.59	55.60 0.84 -0.89	68.39 0.69 0.00	81.06 1.23 0.00	69.50 0.64 0.00	80.49 0.14 0.00	68.84 0.00 0.00	59.40 0.02 0.00	51.13 0.55 0.00	38.72 0.63 0.00
GOLAH____69_KV_TB 1_2 80279	46.11 1.43 0.00	37.90 0.85 0.00	34.50 0.47 0.00	36.53 0.68 0.00	36.56 0.57 0.00	35.73 0.69 0.00	39.15 0.94 0.00	44.53 0.68 0.00	41.31 0.64 0.00	39.27 1.20 0.00	41.90 1.93 0.00	43.29 2.29 0.00	46.52 2.80 0.00	54.37 3.18 0.00	49.02 2.60 0.00	57.03 3.17 0.00	72.46 4.77 0.00	85.06 5.23 0.00	72.92 4.07 0.00	85.36 5.00 0.00	72.58 3.75 0.00	62.50 3.11 0.00	53.11 2.53 0.00	40.03 1.94 0.00
GOODYEAR_LAKE_HYD 323669	45.94 1.26 0.00	37.98 0.94 0.00	34.89 0.86 0.00	36.77 0.92 0.00	36.90 0.91 0.00	35.97 0.93 0.00	39.33 1.12 0.00	45.09 1.24 0.00	41.81 1.14 0.00	39.25 1.19 0.00	41.36 1.39 0.00	42.41 1.41 0.00	45.28 1.56 0.00	53.08 1.88 -0.02	48.18 1.77 0.00	55.84 1.95 -0.03	70.53 2.49 -0.35	83.69 3.12 -0.74	72.17 2.71 -0.61	83.55 3.20 0.00	71.48 2.64 0.00	61.52 2.14 0.00	52.35 1.77 0.00	39.34 1.25 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.84 0.15 0.00	37.04 -0.01 0.00	33.93 -0.10 0.00	35.86 0.01 0.00	35.93 -0.06 0.00	35.05 0.02 0.00	38.35 0.14 0.00	43.87 0.02 0.00	40.69 0.02 0.00	38.30 0.23 0.00	40.52 0.55 0.00	41.56 0.56 0.00	44.47 0.75 0.00	52.08 0.85 -0.05	47.14 0.73 0.00	54.87 0.93 -0.07	69.81 1.20 -0.91	83.39 1.62 -1.94	71.73 1.29 -1.60	82.16 1.81 0.00	70.03 1.20 0.00	60.30 0.92 0.00	51.19 0.60 0.00	38.44 0.35 0.00

GOUDEY___7 23579	44.84 0.15 0.00	37.04 -0.01 0.00	33.93 -0.10 0.00	35.86 0.01 0.00	35.93 -0.06 0.00	35.05 0.02 0.00	38.35 0.14 0.00	43.87 0.02 0.00	40.69 0.02 0.00	38.30 0.23 0.00	40.52 0.55 0.00	41.56 0.56 0.00	44.47 0.75 0.00	52.08 0.85 -0.05	47.14 0.73 0.00	54.87 0.93 -0.07	69.81 1.20 -0.91	83.39 1.62 -1.94	71.73 1.29 -1.60	82.16 1.81 0.00	70.03 1.20 0.00	60.30 0.92 0.00	51.19 0.60 0.00	38.44 0.35 0.00
GOUDEY___8 23580	44.84 0.15 0.00	37.04 -0.01 0.00	33.93 -0.10 0.00	35.86 0.01 0.00	35.93 -0.06 0.00	35.05 0.02 0.00	38.35 0.14 0.00	43.87 0.02 0.00	40.69 0.02 0.00	38.30 0.23 0.00	40.52 0.55 0.00	41.56 0.56 0.00	44.47 0.75 0.00	52.08 0.85 -0.05	47.14 0.73 0.00	54.87 0.93 -0.07	69.81 1.20 -0.91	83.39 1.62 -1.94	71.73 1.29 -1.60	82.16 1.81 0.00	70.03 1.20 0.00	60.30 0.92 0.00	51.19 0.60 0.00	38.44 0.35 0.00
GOWANUS_GT1_1 24077	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.03 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.32 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT1_2 24078	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.03 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.32 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT1_3 24079	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.03 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.32 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT1_4 24080	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.03 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.32 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT1_5 24084	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.03 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.32 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT1_6 24111	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.03 1.19 																

GOWANUS_GT2_6 24119	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
GOWANUS_GT2_7 24120	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
GOWANUS_GT2_8 24121	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
GOWANUS_GT3_1 24122	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.20 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.32 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
GOWANUS_GT3_2 24123	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.20 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.32 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
GOWANUS_GT3_3 24124	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.20 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.32 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
GOWANUS_GT3_4 24125	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.20 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.32 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
GOWANUS_GT3_5 24126	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.20																

GOWANUS_GT4_5 24134	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.04 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT4_6 24135	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.04 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT4_7 24136	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.04 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GOWANUS_GT4_8 24137	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.04 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GREATVR_69_KV_BK1 356245	44.80 0.50 0.39	38.00 0.95 0.00	34.96 0.93 0.00	36.83 0.98 0.00	36.97 0.98 0.00	36.11 1.08 0.00	39.36 1.15 0.00	45.29 1.45 0.00	42.10 1.43 0.00	41.95 1.44 -2.45	42.65 1.77 -0.91	44.04 1.05 -2.00	44.49 0.63 -0.14	44.35 0.83 7.66	43.54 1.06 3.93	37.12 1.11 17.86	33.41 1.12 35.41	82.67 2.40 -0.45	70.24 1.39 0.00	80.43 1.03 0.94	69.62 0.78 0.00	52.52 0.51 7.38	45.73 0.74 5.59	36.75 0.83 2.17
GREENBSH_115KV_TB3 55895	44.40 -0.29 0.00	36.88 -0.17 0.00	34.01 -0.02 0.00	35.80 -0.05 0.00	35.98 -0.01 0.00	34.96 -0.07 0.00	38.00 -0.21 0.00	43.64 -0.20 0.00	40.45 -0.21 0.00	35.82 -0.35 1.89	38.79 -0.48 0.71	38.82 -0.63 1.55	41.49 -0.86 1.37	44.68 -0.89 5.61	44.45 -0.72 1.24	52.36 -0.81 0.69	66.50 -1.20 0.00	78.85 -0.98 0.00	68.17 -0.68 0.00	79.27 -1.08 0.00	68.02 -0.81 0.00	58.62 -0.77 0.00	49.99 -0.59 0.00	37.71 -0.38 0.00
GREENDGE_115KV_TB5 80291	45.15 0.46 0.00	37.34 0.30 0.00	34.09 0.06 0.00	36.09 0.23 0.00	36.15 0.15 0.00	35.32 0.29 0.00	38.76 0.55 0.00	44.18 0.34 0.00	40.91 0.24 0.00	38.64 0.58 0.00	40.96 0.99 0.00	42.12 1.12 0.00	45.10 1.37 0.00	52.53 1.30 -0.04	47.57 1.16 0.00	55.38 1.45 -0.06	70.86 2.40 -0.76	84.36 2.91 -1.62	73.03 2.84 -1.34	83.92 3.57 0.00	71.64 2.80 0.00	61.53 2.15 0.00	51.95 1.37 0.00	39.19 1.11 0.00
GREENIDGE___3 23582	45.15 0.46 0.00	37.34 0.30 0.00	34.09 0.06 0.00	36.09 0.23 0.00	36.15 0.15 0.00	35.32 0.29 0.00	38.76 0.55 0.00	44.18 0.34 0.00	40.91 0.24 0.00	38.64 0.58 0.00	40.96 0.99 0.00	42.12 1.12 0.00	45.10 1.37 0.00	52.53 1.30 -0.04	47.57 1.16 0.00	55.38 1.45 -0.06	70.86 2.40 -0.76	84.36 2.91 -1.62	73.03 2.84 -1.34	83.92 3.57 0.00	71.64 2.80 0.00	61.53 2.15 0.00	51.95 1.37 0.00	39.19 1.11 0.00
GREENIDGE___4 23583	45.15 0.46 0.00	37.34 0.30 0.00	34.09 0.06 0.00	36.09 0.24 0.00	36.15 0.15 0.00	35.32 0.29 0.00	38.76 0.55 0.00	44.16 0.31 0.00	40.92 0.25 0.00	38.63 0.56 0.00	40.96 0.98 0.00	42.12 1.12 0.00	45.10 1.37 0.00	52.54 1.31 -0.04	47.57 1.16 0.00	55.37 1.45 -0.06	70.84 2.38 -0.76	84.36 2.91 -1.62	73.01 2.82 -1.34	83.92 3.57 0.00	71.65 2.81 0.00	61.53 2.14 0.00	51.96 1.38 0.00	39.20 1.11 0.00
GREENLWN_69_KV_BK 3 55738	43.84 -0.46 0.39	37.29 0.24 0.00	34.29 0.25 0.00	36.10 0.25 0.00	36.25 0.25 0.00	35.36 0.33 0.00	38.54 0.33 0.00	44.28 0.44 0.00	41.20 0.53 0.00	41.00 0.49 -2.45	41.79 0.91 -0.91	43.04 0.04 -2.00	43.35 -0.49 -0.12	42.83 -0.57 7.79	42.15 -0.29 3.98	35.24 -0.59 18.03	30.83 -0.94 35.92	68.05 -0.53 11.25	68.05 -0.80 0.95	77.76 -1.65 0.00	67.29 -1.54 0.00	50.45 -1.50 7.44	44.15 -0.79 5.64	35.71 -0.19 2.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.04 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00
GRISSOM___SOLAR 323813	46.86 2.17 0.00	38.76 1.71 0.00	35.57 1.54 0.00	37.41 1.56 0.00	37.56 1.57 0.00	36.62 1.59 0.00	40.03 1.82 0.00	45.66 1.82 0.00	41.58 0.91 0.00	36.91 0.31 1.47	39.40 -0.02 0.55	39.71 -0.08 1.21	42.50 -0.16 1.07	46.84 -0.05 4.29	45.68 0.21 0.94	53.51 0.18 0.53	68.12 0.42 0.00	81.54 1.71 0.00	71.50 2.65 0.00	84.74 4.38 0.00	73.01 4.17 0.00	62.83 3.45 0.00	53.38 2.80 0.00	40.10 2.00 0.00
GROVEVILLE___HYD 323602	45.86 1.17 0.00	37.98 0.93 0.00	34.89 0.86 0.00	36.69 0.84 0.00	36.86 0.87 0.00	35.92 0.89 0.00	39.21 1.00 0.00	45.14 1.29 0.00	41.88 1.21 0.00	41.12 1.08 -1.98	41.96 1.25 -0.74	43.79 1.17 -1.62	46.19 1.03 -1.43	58.35 1.31 -5.85	49.10 1.40 -1.28	56.14 1.56 -0.72	69.55 1.86 0.00	82.53 2.70 0.00	70.94 2.09 0.00	82.30 1.95 0.00	70.34 1.50 0.00	60.57 1.19 0.00	51.84 1.26 0.00	39.11 1.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.52 -0.17 0.00	36.82 -0.22 0.00	33.75 -0.28 0.00	35.58 -0.27 0.00	35.72 -0.27 0.00	34.79 -0.24 0.00	38.04 -0.17 0.00	43.57 -0.28 0.00	40.37 -0.30 0.00	37.90 -0.17 0.00	39.95 -0.02 0.00	41.07 0.07 0.00	43.88 0.16 0.00	51.58 0.28 -0.12	46.69 0.27 0.00	54.38 0.34 -0.18	70.56 0.61 -2.25	85.52 0.90 -4.80	73.72 0.91 -3.96	81.53 1.18 0.00	69.59 0.75 0.00	59.89 0.51 0.00	50.86 0.28 0.00	38.17 0.08 0.00
HAMLTNNY_34_KV_TB 80303	45.00 0.32 0.00	37.16 0.11 0.00	33.99 -0.04 0.00	35.86 0.01 0.00	36.02 0.03 0.00	35.09 0.06 0.00	38.39 0.18 0.00	43.91 0.07 0.00	40.67 0.01 0.00	38.29 0.23 0.00	40.49 0.52 0.00	41.70 0.70 0.00	44.62 0.90 0.00	52.39 1.09 -0.11	47.52 1.11 0.00	55.14 1.11 -0.17	71.50 1.65 -2.15	86.36 1.94 -4.58	74.44 1.81 -3.78	82.66 2.31 0.00	70.45 1.61 0.00	60.64 1.26 0.00	51.46 0.88 0.00	38.65 0.56 0.00

HAMPSHIRE___PAPER_HYD 323593	46.60 1.92 0.00	38.82 1.77 0.00	35.54 1.51 0.00	37.19 1.34 0.00	37.41 1.41 0.00	36.48 1.45 0.00	39.94 1.73 0.00	45.89 2.05 0.00	42.55 1.88 0.00	39.81 1.75 0.00	41.54 1.57 0.00	42.50 1.50 0.00	45.33 1.61 0.00	53.13 1.91 -0.04	48.01 1.60 0.00	55.77 1.85 -0.05	70.66 2.26 -0.70	83.01 1.69 -1.49	71.91 1.82 -1.23	83.30 2.95 0.00	71.90 3.06 0.00	62.34 2.95 0.00	53.05 2.47 0.00	39.66 1.57 0.00
HARDSCRABBLE_WT_PWR 323673	45.42 0.73 0.00	37.60 0.55 0.00	34.69 0.65 0.00	36.48 0.63 0.00	36.66 0.67 0.00	35.69 0.65 0.00	38.81 0.60 0.00	44.33 0.48 0.00	40.73 0.06 0.00	37.68 -0.38 0.00	39.38 -0.59 0.00	40.28 -0.72 0.00	42.65 -1.08 0.00	50.13 -1.06 0.00	45.65 -0.76 0.00	53.14 -0.73 0.00	66.89 -0.80 0.00	80.16 0.33 0.00	69.94 1.09 0.00	81.85 1.50 0.00	70.19 1.36 0.00	60.38 0.99 0.00	51.33 0.75 0.00	38.62 0.53 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.69 1.00 0.00	37.82 0.77 0.00	34.72 0.69 0.00	36.54 0.69 0.00	36.70 0.71 0.00	35.77 0.73 0.00	39.05 0.84 0.00	44.92 1.08 0.00	41.68 1.02 0.00	41.13 0.93 -2.14	41.89 1.12 -0.80	43.83 1.09 -1.75	46.21 0.94 -1.55	58.74 1.24 -6.31	49.14 1.34 -1.39	56.13 1.49 -0.78	69.40 1.71 0.00	82.33 2.50 0.00	70.72 1.87 0.00	82.04 1.69 0.00	70.13 1.30 0.00	60.38 1.00 0.00	51.72 1.14 0.00	39.02 0.93 0.00
HARSNRAD_115KV_TB1 81005	45.26 0.58 0.00	37.13 0.08 0.00	33.70 -0.33 0.00	35.92 0.07 0.00	35.84 -0.15 0.00	34.97 -0.06 0.00	38.36 0.15 0.00	43.34 -0.51 0.00	40.53 -0.14 0.00	39.18 1.12 0.00	42.28 2.31 0.00	43.70 2.70 0.00	47.12 3.39 0.00	54.79 3.61 0.00	49.07 2.65 0.00	57.18 3.32 0.00	72.35 4.66 0.00	84.20 4.38 0.00	71.82 2.97 0.00	84.01 3.66 0.00	71.09 2.25 0.00	61.55 2.16 0.00	52.31 1.73 0.00	39.57 1.48 0.00
HARZA MOOSE___RIVER 24016	46.27 1.59 0.00	38.55 1.50 0.00	35.34 1.31 0.00	36.93 1.08 0.00	37.13 1.14 0.00	36.21 1.18 0.00	39.65 1.44 0.00	45.51 1.66 0.00	42.21 1.54 0.00	39.59 1.52 0.00	41.52 1.54 0.00	42.33 1.33 0.00	45.01 1.28 0.00	52.87 1.65 -0.03	47.93 1.51 0.00	55.75 1.84 -0.05	70.83 2.53 -0.61	84.15 3.03 -1.29	73.10 3.18 -1.06	84.55 4.20 0.00	72.75 3.92 0.00	62.70 3.32 0.00	53.15 2.57 0.00	39.55 1.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.15 -0.54 0.00	36.51 -0.54 0.00	33.49 -0.54 0.00	35.30 -0.55 0.00	35.42 -0.58 0.00	34.52 -0.51 0.00	37.73 -0.48 0.00	43.20 -0.65 0.00	40.07 -0.60 0.00	37.63 -0.43 0.00	39.69 -0.29 0.00	40.79 -0.21 0.00	43.57 -0.15 0.00	51.12 -0.13 -0.06	46.32 -0.10 0.00	53.92 -0.04 -0.10	69.02 0.09 -1.24	82.74 0.28 -2.63	71.29 0.27 -2.17	80.76 0.40 0.00	68.96 0.12 0.00	59.34 -0.04 0.00	50.40 -0.18 0.00	37.86 -0.23 0.00
HELLGATE_13_KV_LD 55870	45.87 1.18 0.00	38.03 0.99 0.00	34.90 0.87 0.00	36.67 0.82 0.00	36.86 0.87 0.00	35.95 0.91 0.00	39.34 1.13 0.00	45.27 1.42 0.00	42.18 1.51 0.00	41.90 1.39 -2.45	42.50 1.62 -0.91	44.54 1.54 -2.00	46.82 1.32 -1.77	59.94 1.53 -7.22	49.63 1.63 -1.59	56.23 1.47 -0.89	69.32 1.63 0.00	82.22 2.39 0.00	70.43 1.58 0.00	81.59 1.24 0.00	69.69 0.85 0.00	60.21 0.82 0.00	51.92 1.34 0.00	39.36 1.27 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.87 1.18 0.00	38.03 0.99 0.00	34.90 0.87 0.00	36.67 0.82 0.00	36.86 0.87 0.00	35.95 0.91 0.00	39.34 1.13 0.00	45.27 1.42 0.00	42.18 1.51 0.00	41.90 1.39 -2.45	42.50 1.62 -0.91	44.54 1.54 -2.00	46.82 1.32 -1.77	59.94 1.53 -7.22	49.63 1.63 -1.59	56.23 1.47 -0.89	69.32 1.63 0.00	82.22 2.39 0.00	70.43 1.58 0.00	81.59 1.24 0.00	69.69 0.85 0.00	60.21 0.82 0.00	51.92 1.34 0.00	39.36 1.27 0.00
HEMPSTEAD___ 23647	44.70 0.20 0.19	37.51 0.47 0.00	34.44 0.41 0.00	36.22 0.37 0.00	36.38 0.39 0.00	35.50 0.46 0.00	38.72 0.51 0.00	44.59 0.74 0.00	41.47 0.80 0.00	41.29 0.78 -2.45	41.99 1.11 -0.91	43.61 0.61 -2.00	44.98 0.33 -0.93	51.21 0.41 0.39	45.79 0.62 1.24	45.62 0.50 8.74	49.89 0.33 18.13	80.69 0.86 0.00	69.19 0.34 0.00	79.64 -0.23 0.48	68.54 -0.30 0.00	55.30 -0.32 3.76	47.98 0.13 2.72	37.41 0.37 1.05
HICKLING___1 23621	44.99 0.31 0.00	37.03 -0.02 0.00	33.77 -0.26 0.00	35.82 -0.03 0.00	35.83 -0.16 0.00	35.07 0.04 0.00	38.49 0.28 0.00	43.86 0.01 0.00	40.64 -0.02 0.00	38.51 0.45 0.00	41.04 1.07 0.00	42.19 1.19 0.00	45.33 1.60 0.00	52.92 1.70 -0.04	47.86 1.44 0.00	55.82 1.90 -0.06	71.00 2.54 -0.76	84.73 3.27 -1.62	72.78 2.59 -1.34	83.98 3.63 0.00	71.31 2.47 0.00	61.27 1.88 0.00	51.74 1.16 0.00	38.79 0.70 0.00
HICKLING___2 23622	44.99 0.31 0.00	37.03 -0.02 0.00	33.77 -0.26 0.00	35.82 -0.03 0.00	35.83 -0.16 0.00	35.07 0.04 0.00	38.49 0.28 0.00	43.86 0.01 0.00	40.64 -0.02 0.00	38.51 0.45 0.00	41.04 1.07 0.00	42.19 1.19 0.00	45.33 1.60 0.00	52.92 1.70 -0.04	47.86 1.44 0.00	55.82 1.90 -0.06	71.00 2.54 -0.76	84.73 3.27 -1.62	72.78 2.59 -1.34	83.98 3.63 0.00	71.31 2.47 0.00	61.27 1.88 0.00	51.74 1.16 0.00	38.79 0.70 0.00
HIGH FALLS___HY 23754	45.87 1.19 0.00	37.94 0.89 0.00	34.83 0.80 0.00	36.62 0.76 0.00	36.77 0.78 0.00	35.82 0.79 0.00	39.15 0.94 0.00	45.06 1.21 0.00	41.80 1.14 0.00	40.36 0.98 -1.32	41.55 1.09 -0.49	43.05 0.97 -1.08	45.50 0.82 -0.95	56.09 1.02 -3.89	48.23 0.96 -0.86	55.43 1.09 -0.48	69.15 1.45 0.00	82.27 2.44 0.00	70.86 2.01 0.00	82.41 2.05 0.00	70.78 1.94 0.00	60.85 1.47 0.00	52.04 1.46 0.00	39.22 1.13 0.00
HIGH_RIVER___SOLAR 323847	45.96 1.27 0.00	38.05 1.00 0.00	34.98 0.95 0.00	36.81 0.96 0.00	36.97 0.98 0.00	36.00 0.97 0.00	39.26 1.05 0.00	44.86 1.02 0.00	41.18 0.51 0.00	36.59 0.12 1.59	39.14 -0.24 0.59	39.37 -0.32 1.30	42.13 -0.45 1.15	46.19 -0.37 4.63	45.14 -0.26 1.02	52.98 -0.31 0.57	67.65 -0.04 0.00	80.59 0.76 0.00	70.30 1.45 0.00	82.62 2.27 0.00	71.05 2.21 0.00	61.19 1.81 0.00	52.09 1.51 0.00	39.20 1.10 0.00
HILLBURN___GT 23639	45.52 0.83 0.00	37.70 0.65 0.00	34.60 0.56 0.00	36.40 0.55 0.00	36.59 0.60 0.00	35.66 0.62 0.00	38.96 0.75 0.00	44.85 1.00 0.00	41.59 0.92 0.00	41.10 0.84 -2.21	41.80 1.00 -0.82	43.74 0.93 -1.80	46.05 0.73 -1.60	58.68 0.98 -6.52	48.92 1.07 -1.44	55.81 1.15 -0.80	68.89 1.19 0.00	81.66 1.83 0.00	70.10 1.25 0.00	81.28 0.93 0.00	69.50 0.67 0.00	59.92 0.54 0.00	51.43 0.85 0.00	38.85 0.76 0.00
HILLSIDE_115KV_TB1 80332	44.32 -0.36 0.00	36.55 -0.50 0.00	33.36 -0.67 0.00	35.37 -0.48 0.00	35.37 -0.62 0.00	34.59 -0.45 0.00	37.95 -0.27 0.00	43.32 -0.52 0.00	40.18 -0.49 0.00	37.97 -0.09 0.00	40.39 0.42 0.00	41.46 0.46 0.00	44.51 0.78 0.00	52.00 0.77 -0.04	47.02 0.61 0.00	54.82 0.89 -0.06	69.70 1.21 -0.79	83.17 1.65 -1.69	71.34 1.10 -1.39	82.26 1.91 0.00	69.85 1.01 0.00	60.12 0.73 0.00	50.85 0.28 0.00	38.15 0.06 0.00

HISHELDN_WT_PWR 323625	45.13 0.44 0.00	37.00 -0.05 0.00	33.60 -0.44 0.00	35.75 -0.11 0.00	35.64 -0.35 0.00	34.81 -0.22 0.00	38.20 -0.01 0.00	43.23 -0.62 0.00	40.37 -0.30 0.00	38.85 0.79 0.00	41.89 1.92 0.00	43.32 2.32 0.00	46.69 2.97 0.00	54.41 3.22 0.00	48.83 2.42 0.00	56.88 3.02 0.00	72.00 4.30 0.00	84.29 4.46 0.00	71.88 3.03 0.00	84.26 3.91 0.00	71.37 2.54 0.00	61.53 2.15 0.00	52.05 1.47 0.00	39.14 1.05 0.00
HOLTSVILLE_IC_1 23690	44.05 -0.24 0.40	37.47 0.42 0.00	34.51 0.48 0.00	36.39 0.54 0.00	36.54 0.54 0.00	35.67 0.64 0.00	38.89 0.68 0.00	44.74 0.89 0.00	41.51 0.84 0.00	41.43 0.92 -2.45	41.98 1.10 -0.91	43.30 0.30 -2.00	43.61 -0.20 -0.08	42.89 -0.12 8.18	42.45 0.16 4.12	35.42 0.06 18.50	30.74 -0.35 36.61	84.13 0.72 -3.58	68.94 0.08 0.00	78.82 -0.56 0.97	68.33 -0.51 0.00	51.12 -0.63 7.63	44.57 -0.22 5.79	36.02 0.18 2.25
HOLTSVILLE_IC_10 23699	44.26 -0.03 0.40	37.64 0.59 0.00	34.68 0.65 0.00	36.58 0.72 0.00	36.72 0.72 0.00	35.85 0.81 0.00	39.09 0.88 0.00	44.99 1.14 0.00	41.72 1.05 0.00	41.68 1.17 -2.45	42.22 1.34 -0.91	43.56 0.56 -2.00	43.90 0.08 -0.09	43.37 0.24 8.06	42.85 0.51 4.08	36.03 0.51 18.35	31.56 0.21 36.35	84.54 1.46 -3.25	69.53 0.68 0.00	79.49 0.10 0.96	68.89 0.05 0.00	51.63 -0.19 7.57	44.95 0.12 5.74	36.25 0.39 2.23
HOLTSVILLE_IC_2 23691	44.05 -0.24 0.40	37.47 0.42 0.00	34.51 0.48 0.00	36.39 0.54 0.00	36.54 0.54 0.00	35.67 0.64 0.00	38.89 0.68 0.00	44.74 0.89 0.00	41.51 0.84 0.00	41.43 0.92 -2.45	41.98 1.10 -0.91	43.30 0.30 -2.00	43.61 -0.20 -0.08	42.89 -0.12 8.18	42.45 0.16 4.12	35.42 0.06 18.50	30.74 -0.35 36.61	84.13 0.72 -3.58	68.94 0.08 0.00	78.82 -0.56 0.97	68.33 -0.51 0.00	51.12 -0.63 7.63	44.57 -0.22 5.79	36.02 0.18 2.25
HOLTSVILLE_IC_3 23692	44.05 -0.24 0.40	37.47 0.42 0.00	34.51 0.48 0.00	36.39 0.54 0.00	36.54 0.54 0.00	35.67 0.64 0.00	38.89 0.68 0.00	44.74 0.89 0.00	41.51 0.84 0.00	41.43 0.92 -2.45	41.98 1.10 -0.91	43.30 0.30 -2.00	43.61 -0.20 -0.08	42.89 -0.12 8.18	42.45 0.16 4.12	35.42 0.06 18.50	30.74 -0.35 36.61	84.13 0.72 -3.58	68.94 0.08 0.00	78.82 -0.56 0.97	68.33 -0.51 0.00	51.12 -0.63 7.63	44.57 -0.22 5.79	36.02 0.18 2.25
HOLTSVILLE_IC_4 23693	44.05 -0.24 0.40	37.47 0.42 0.00	34.51 0.48 0.00	36.39 0.54 0.00	36.54 0.54 0.00	35.67 0.64 0.00	38.89 0.68 0.00	44.74 0.89 0.00	41.51 0.84 0.00	41.43 0.92 -2.45	41.98 1.10 -0.91	43.30 0.30 -2.00	43.61 -0.20 -0.08	42.89 -0.12 8.18	42.45 0.16 4.12	35.42 0.06 18.50	30.74 -0.35 36.61	84.13 0.72 -3.58	68.94 0.08 0.00	78.82 -0.56 0.97	68.33 -0.51 0.00	51.12 -0.63 7.63	44.57 -0.22 5.79	36.02 0.18 2.25
HOLTSVILLE_IC_5 23694	44.05 -0.24 0.40	37.47 0.42 0.00	34.51 0.48 0.00	36.39 0.54 0.00	36.54 0.54 0.00	35.67 0.64 0.00	38.89 0.68 0.00	44.74 0.89 0.00	41.51 0.84 0.00	41.43 0.92 -2.45	41.98 1.10 -0.91	43.30 0.30 -2.00	43.61 -0.20 -0.08	42.89 -0.12 8.18	42.45 0.16 4.12	35.42 0.06 18.50	30.74 -0.35 36.61	84.13 0.72 -3.58	68.94 0.08 0.00	78.82 -0.56 0.97	68.33 -0.51 0.00	51.12 -0.63 7.63	44.57 -0.22 5.79	36.02 0.18 2.25
HOLTSVILLE_IC_6 23695	44.26 -0.03 0.40	37.64 0.59 0.00	34.68 0.65 0.00	36.58 0.72 0.00	36.72 0.72 0.00	35.85 0.81 0.00	39.09 0.88 0.00	44.99 1.14 0.00	41.72 1.05 0.00	41.68 1.17 -2.45	42.22 1.34 -0.91	43.56 0.56 -2.00	43.90 0.08 -0.09	43.37 0.24 8.06	42.85 0.51 4.08	36.03 0.51 18.35	31.56 0.21 36.35	84.54 1.46 -3.25	69.53 0.68 0.00	79.49 0.10 0.96	68.89 0.05 0.00	51.63 -0.19 7.57	44.95 0.12 5.74	36.25 0.39 2.23
HOLTSVILLE_IC_7 23696	44.26 -0.03 0.40	37.64 0.59 0.00	34.68 0.65 0.00	36.58 0.72 0.00	36.72 0.72 0.00	35.85 0.81 0.00	39.09 0.88 0.00	44.99 1.14 0.00	41.72 1.05 0.00	41.68 1.17 -2.45	42.22 1.34 -0.91	43.56 0.56 -2.00	43.90 0.08 -0.09	43.37 0.24 8.06	42.85 0.51 4.08	36.03 0.51 18.35	31.56 0.21 36.35	84.54 1.46 -3.25	69.53 0.68 0.00	79.49 0.10 0.96	68.89 0.05 0.00	51.63 -0.19 7.57	44.95 0.12 5.74	36.25 0.39 2.23
HOLTSVILLE_IC_8 23697	44.26 -0.03 0.40	37.64 0.59 0.00	34.68 0.65 0.00	36.58 0.72 0.00	36.72 0.72 0.00	35.85 0.81 0.00	39.09 0.88 0.00	44.99 1.14 0.00	41.72 1.05 0.00	41.68 1.17 -2.45	42.22 1.34 -0.91	43.56 0.56 -2.00	43.90 0.08 -0.09	43.37 0.24 8.06	42.85 0.51 4.08	36.03 0.51 18.35	31.56 0.21 36.35	84.54 1.46 -3.25	69.53 0.68 0.00	79.49 0.10 0.96	68.89 0.05 0.00	51.63 -0.19 7.57	44.95 0.12 5.74	36.25 0.39 2.23
HOLTSVILLE_IC_9 23698	44.26 -0.03 0.40	37.64 0.59 0.00	34.68 0.65 0.00	36.58 0.72 0.00	36.72 0.72 0.00	35.85 0.81 0.00	39.09 0.88 0.00	44.99 1.14 0.00	41.72 1.05 0.00	41.68 1.17 -2.45	42.22 1.34 -0.91	43.56 0.56 -2.00	43.90 0.08 -0.09	43.37 0.24 8.06	42.85 0.51 4.08	36.03 0.51 18.35	31.56 0.21 36.35	84.54 1.46 -3.25	69.53 0.68 0.00	79.49 0.10 0.96	68.89 0.05 0.00	51.63 -0.19 7.57	44.95 0.12 5.74	36.25 0.39 2.23
HOMER_HL_115KV_TB2 355744	44.57 -0.12 0.00	36.54 -0.51 0.00	33.24 -0.80 0.00	35.40 -0.45 0.00	35.42 -0.57 0.00	34.64 -0.39 0.00	38.18 -0.03 0.00	43.29 -0.56 0.00	40.21 -0.46 0.00	38.80 0.74 0.00	41.86 1.89 0.00	43.00 2.00 0.00	46.01 2.28 0.00	53.74 2.56 0.00	48.05 1.63 0.00	55.41 1.55 0.00	69.33 1.63 0.00	80.73 0.90 0.00	69.83 0.97 0.00	82.75 2.40 0.00	70.51 1.67 0.00	60.77 1.39 0.00	51.62 1.04 0.00	39.17 1.08 0.00
HOWARD_WT_PWR 323690	45.01 0.32 0.00	36.74 -0.31 0.00	33.43 -0.60 0.00	35.58 -0.27 0.00	35.68 -0.31 0.00	35.05 0.02 0.00	38.45 0.25 0.00	43.38 -0.47 0.00	40.26 -0.40 0.00	38.50 0.43 0.00	41.17 1.20 0.00	42.49 1.50 0.00	45.70 1.98 0.00	53.31 2.09 -0.03	48.08 1.67 0.00	56.02 2.11 -0.05	71.34 3.09 -0.55	84.79 3.78 -1.18	73.09 3.27 -0.97	85.02 4.67 0.00	72.32 3.49 0.00	61.87 2.48 0.00	51.87 1.29 0.00	38.84 0.75 0.00
HQ_GEN_CEDARS 23644	46.12 1.44 0.00	38.30 1.25 0.00	35.07 1.04 0.00	36.96 1.11 0.00	37.10 1.10 0.00	36.14 1.10 0.00	39.44 1.23 0.00	45.37 1.53 0.00	42.13 1.46 0.00	39.39 1.32 0.00	41.08 1.11 0.00	42.21 1.21 0.00	45.26 1.53 0.00	52.87 1.68 0.00	47.74 1.33 0.00	55.36 1.50 0.00	69.49 1.79 0.00	80.47 0.64 0.00	69.29 0.44 0.00	81.27 0.91 0.00	69.86 1.02 0.00	60.90 1.52 0.00	51.88 1.30 0.00	39.13 1.04 0.00
HQ_GEN_CEDARS_PROXY 323590	46.12 1.44 0.00	38.30 1.25 0.00	35.07 1.04 0.00	36.96 1.11 0.00	37.10 1.10 0.00	36.14 1.10 0.00	39.44 1.23 0.00	45.37 1.53 0.00	42.13 1.46 0.00	39.39 1.32 0.00	41.08 1.11 0.00	42.21 1.21 0.00	45.26 1.53 0.00	52.87 1.68 0.00	47.74 1.33 0.00	55.36 1.50 0.00	69.49 1.79 0.00	80.47 0.64 0.00	69.29 0.44 0.00	81.26 0.91 0.00	69.86 1.03 0.00	60.90 1.52 0.00	51.88 1.30 0.00	37.24 1.04 1.89

HQ_GEN_IMPORT 323601	45.14 0.45 0.00	37.46 0.41 0.00	34.36 0.32 0.00	36.21 0.36 0.00	36.35 0.35 0.00	35.37 0.34 0.00	38.60 0.39 0.00	44.35 0.50 0.00	41.17 0.50 0.00	38.53 0.46 0.00	40.34 0.37 0.00	41.43 0.43 0.00	44.36 0.58 -0.06	51.79 0.61 0.00	46.88 0.46 0.00	54.38 0.52 0.00	68.33 0.64 0.00	80.20 0.37 0.00	69.07 0.22 0.00	80.75 0.40 0.00	69.26 0.42 0.00	59.87 0.48 0.00	52.25 0.39 -1.28	38.41 0.31 0.00
HQ_GEN_WHEEL 23651	45.14 0.45 0.00	37.46 0.41 0.00	34.36 0.32 0.00	36.21 0.36 0.00	36.35 0.35 0.00	35.37 0.34 0.00	38.60 0.39 0.00	44.35 0.50 0.00	41.17 0.50 0.00	38.53 0.46 0.00	40.34 0.37 0.00	41.43 0.43 0.00	44.36 0.58 -0.06	51.79 0.61 0.00	46.88 0.46 0.00	54.38 0.52 0.00	68.33 0.64 0.00	80.20 0.37 0.00	69.07 0.22 0.00	80.75 0.40 0.00	69.26 0.42 0.00	59.87 0.48 0.00	52.25 0.39 -1.28	38.41 0.31 0.00
HUDSON AVE_GT_3 23810	45.65 0.97 0.00	37.83 0.79 0.00	34.72 0.69 0.00	36.50 0.65 0.00	36.68 0.69 0.00	35.77 0.74 0.00	39.11 0.90 0.00	45.04 1.19 0.00	41.88 1.21 0.00	41.66 1.15 -2.45	42.23 1.35 -0.91	44.26 1.26 -2.00	46.53 1.04 -1.77	59.61 1.21 -7.22	49.30 1.30 -1.59	56.06 1.31 -0.89	69.00 1.30 0.00	81.78 1.95 0.00	70.13 1.28 0.00	81.22 0.87 0.00	69.45 0.61 0.00	59.91 0.53 0.00	51.54 0.96 0.00	39.02 0.93 0.00
HUDSON AVE_GT_4 23540	45.65 0.97 0.00	37.83 0.79 0.00	34.72 0.69 0.00	36.50 0.65 0.00	36.68 0.69 0.00	35.77 0.74 0.00	39.11 0.90 0.00	45.04 1.19 0.00	41.88 1.21 0.00	41.66 1.15 -2.45	42.23 1.35 -0.91	44.26 1.26 -2.00	46.53 1.04 -1.77	59.61 1.21 -7.22	49.30 1.30 -1.59	56.06 1.31 -0.89	69.00 1.30 0.00	81.78 1.95 0.00	70.13 1.28 0.00	81.22 0.87 0.00	69.45 0.61 0.00	59.91 0.53 0.00	51.54 0.96 0.00	39.02 0.93 0.00
HUDSON AVE_GT_5 23657	45.65 0.97 0.00	37.83 0.79 0.00	34.72 0.69 0.00	36.50 0.65 0.00	36.68 0.69 0.00	35.77 0.74 0.00	39.11 0.90 0.00	45.04 1.19 0.00	41.88 1.21 0.00	41.66 1.15 -2.45	42.23 1.35 -0.91	44.26 1.26 -2.00	46.53 1.04 -1.77	59.61 1.21 -7.22	49.30 1.30 -1.59	56.06 1.31 -0.89	69.00 1.30 0.00	81.78 1.95 0.00	70.13 1.28 0.00	81.22 0.87 0.00	69.45 0.61 0.00	59.91 0.53 0.00	51.54 0.96 0.00	39.02 0.93 0.00
HUDSON_AVE_10 24168	45.50 0.82 0.00	37.71 0.66 0.00	34.61 0.58 0.00	36.39 0.54 0.00	36.55 0.56 0.00	35.65 0.62 0.00	38.98 0.77 0.00	44.87 1.03 0.00	41.73 1.06 0.00	41.50 0.99 -2.45	42.03 1.15 -0.91	44.05 1.06 -2.00	46.32 0.82 -1.77	59.34 0.93 -7.22	49.06 1.06 -1.59	55.76 1.01 -0.89	68.61 0.91 0.00	81.31 1.48 0.00	69.73 0.88 0.00	80.76 0.41 0.00	69.07 0.23 0.00	59.61 0.23 0.00	51.33 0.75 0.00	38.89 0.80 0.00
HUDSON___115KV_TB 4 355613	45.42 0.73 0.00	37.68 0.64 0.00	34.74 0.70 0.00	36.55 0.70 0.00	36.73 0.74 0.00	35.70 0.67 0.00	38.83 0.62 0.00	44.54 0.69 0.00	41.08 0.41 0.00	36.93 0.14 1.28	39.50 0.01 0.48	39.82 -0.14 1.05	42.49 -0.31 0.92	47.15 -0.24 3.80	45.43 -0.14 0.84	53.40 0.00 0.47	67.58 -0.12 0.00	80.40 0.57 0.00	69.94 1.09 0.00	81.80 1.45 0.00	70.28 1.44 0.00	60.48 1.10 0.00	51.43 0.85 0.00	38.70 0.60 0.00
HUNTER MOUNT___DRP 323613	45.61 0.93 0.00	37.83 0.78 0.00	34.88 0.85 0.00	36.70 0.85 0.00	36.87 0.88 0.00	35.85 0.81 0.00	39.00 0.79 0.00	44.75 0.90 0.00	41.24 0.57 0.00	37.57 0.30 0.80	39.85 0.18 0.30	40.38 0.03 0.65	43.03 -0.12 0.58	48.82 0.01 2.38	45.96 0.06 0.52	53.92 0.35 0.29	68.01 0.31 0.00	80.98 1.15 0.00	70.49 1.64 0.00	82.45 2.10 0.00	70.79 1.96 0.00	60.91 1.52 0.00	51.73 1.15 0.00	38.89 0.80 0.00
HUNTINGTON_RES_REC 323705	43.98 -0.31 0.40	37.42 0.37 0.00	34.43 0.39 0.00	36.27 0.43 0.00	36.42 0.43 0.00	35.56 0.52 0.00	38.75 0.54 0.00	44.57 0.72 0.00	41.42 0.75 0.00	41.29 0.78 -2.45	41.98 1.10 -0.91	43.23 0.23 -2.00	43.56 -0.26 -0.10	42.95 -0.23 8.01	42.44 0.08 4.06	35.50 -0.05 18.31	30.85 -0.31 36.53	86.23 0.46 -5.94	68.76 -0.09 0.00	78.55 -0.84 0.96	67.98 -0.86 0.00	50.92 -0.91 7.55	44.40 -0.46 5.73	35.91 0.04 2.23
HUNTLEY___63 23557	45.84 1.15 0.00	37.56 0.52 0.00	34.08 0.05 0.00	36.30 0.46 0.00	36.21 0.21 0.00	35.33 0.30 0.00	38.77 0.56 0.00	43.85 0.00 0.00	41.03 0.37 0.00	39.76 1.69 0.00	42.98 3.01 0.00	44.46 3.47 0.00	47.95 4.22 0.00	55.79 4.60 0.00	50.00 3.58 0.00	58.07 4.21 0.00	73.38 5.69 0.00	85.36 5.53 0.00	72.69 3.84 0.00	84.84 4.49 0.00	71.72 2.88 0.00	62.13 2.75 0.00	52.88 2.30 0.00	39.96 1.87 0.00
HUNTLEY___64 23558	45.84 1.15 0.00	37.56 0.52 0.00	34.08 0.05 0.00	36.30 0.46 0.00	36.21 0.21 0.00	35.33 0.30 0.00	38.77 0.56 0.00	43.85 0.00 0.00	41.03 0.37 0.00	39.76 1.69 0.00	42.98 3.01 0.00	44.46 3.47 0.00	47.95 4.22 0.00	55.79 4.60 0.00	50.00 3.58 0.00	58.07 4.21 0.00	73.38 5.69 0.00	85.36 5.53 0.00	72.69 3.84 0.00	84.84 4.49 0.00	71.72 2.88 0.00	62.13 2.75 0.00	52.88 2.30 0.00	39.96 1.87 0.00
HUNTLEY___65 23559	45.84 1.15 0.00	37.56 0.52 0.00	34.08 0.05 0.00	36.30 0.46 0.00	36.21 0.21 0.00	35.33 0.30 0.00	38.77 0.56 0.00	43.85 0.00 0.00	41.03 0.37 0.00	39.76 1.69 0.00	42.98 3.01 0.00	44.46 3.47 0.00	47.95 4.22 0.00	55.79 4.60 0.00	50.00 3.58 0.00	58.07 4.21 0.00	73.38 5.69 0.00	85.36 5.53 0.00	72.69 3.84 0.00	84.84 4.49 0.00	71.72 2.88 0.00	62.13 2.75 0.00	52.88 2.30 0.00	39.96 1.87 0.00
HUNTLEY___66 23560	45.84 1.15 0.00	37.56 0.52 0.00	34.08 0.05 0.00	36.30 0.46 0.00	36.21 0.21 0.00	35.33 0.30 0.00	38.77 0.56 0.00	43.85 0.00 0.00	41.03 0.37 0.00	39.76 1.69 0.00	42.98 3.01 0.00	44.46 3.47 0.00	47.95 4.22 0.00	55.79 4.60 0.00	50.00 3.58 0.00	58.07 4.21 0.00	73.38 5.69 0.00	85.36 5.53 0.00	72.69 3.84 0.00	84.84 4.49 0.00	71.72 2.88 0.00	62.13 2.75 0.00	52.88 2.30 0.00	39.96 1.87 0.00
HUNTLEY___67 23561	45.28 0.59 0.00	37.16 0.12 0.00	33.74 -0.29 0.00	35.95 0.10 0.00	35.85 -0.14 0.00	34.99 -0.04 0.00	38.39 0.18 0.00	43.42 -0.43 0.00	40.62 -0.05 0.00	39.32 1.25 0.00	42.47 2.50 0.00	43.89 2.89 0.00	47.28 3.55 0.00	55.01 3.82 0.00	49.30 2.88 0.00	57.38 3.52 0.00	72.58 4.88 0.00	84.50 4.67 0.00	71.95 3.10 0.00	84.11 3.75 0.00	71.14 2.31 0.00	61.55 2.16 0.00	52.21 1.63 0.00	39.42 1.33 0.00
HUNTLEY___68 23562	45.28 0.59 0.00	37.16 0.12 0.00	33.74 -0.29 0.00	35.95 0.10 0.00	35.85 -0.14 0.00	34.99 -0.04 0.00	38.39 0.18 0.00	43.42 -0.43 0.00	40.62 -0.05 0.00	39.32 1.25 0.00	42.47 2.50 0.00	43.89 2.89 0.00	47.28 3.55 0.00	55.01 3.82 0.00	49.30 2.88 0.00	57.38 3.52 0.00	72.58 4.88 0.00	84.50 4.67 0.00	71.95 3.10 0.00	84.11 3.75 0.00	71.14 2.31 0.00	61.55 2.16 0.00	52.21 1.63 0.00	39.42 1.33 0.00

HYLAND___LFGE 323620	47.56 2.87 0.00	38.90 1.85 0.00	35.38 1.35 0.00	37.51 1.65 0.00	37.58 1.58 0.00	36.81 1.78 0.00	40.43 2.22 0.00	45.73 1.89 0.00	41.80 1.13 0.00	39.48 1.42 0.00	42.17 2.20 0.00	43.51 2.52 0.00	46.50 2.78 0.00	53.55 2.36 0.00	47.97 1.55 0.00	55.87 2.02 0.00	70.78 3.09 0.00	83.50 3.67 0.00	72.55 3.70 0.00	86.15 5.79 0.00	74.25 5.42 0.00	63.96 4.57 0.00	53.88 3.30 0.00	41.26 3.17 0.00
INDECK___CORINTH 23802	46.23 1.54 0.00	38.22 1.17 0.00	35.28 1.25 0.00	36.99 1.14 0.00	37.19 1.20 0.00	36.25 1.22 0.00	39.34 1.13 0.00	45.14 1.29 0.00	41.70 1.03 0.00	36.69 0.74 2.11	39.56 0.38 0.79	39.51 0.24 1.73	42.18 -0.02 1.53	45.11 0.10 6.18	45.35 0.30 1.36	53.78 0.68 0.76	68.84 1.14 0.00	81.94 2.11 0.00	71.59 2.73 0.00	83.35 3.00 0.00	71.51 2.67 0.00	61.43 2.04 0.00	52.07 1.49 0.00	39.26 1.17 0.00
INDECK___ILION 23567	45.08 0.39 0.00	37.34 0.29 0.00	34.39 0.36 0.00	36.19 0.34 0.00	36.36 0.36 0.00	35.38 0.35 0.00	38.53 0.32 0.00	44.10 0.25 0.00	40.70 0.03 0.00	37.85 -0.21 0.00	39.67 -0.30 0.00	40.61 -0.38 0.00	43.13 -0.59 0.00	50.61 -0.58 0.00	46.01 -0.40 0.00	53.49 -0.37 0.00	67.27 -0.43 0.00	80.08 0.25 0.00	69.51 0.66 0.00	81.23 0.88 0.00	69.64 0.80 0.00	59.94 0.55 0.00	51.01 0.43 0.00	38.37 0.28 0.00
INDECK___OLEAN 23982	44.57 -0.12 0.00	36.54 -0.51 0.00	33.23 -0.80 0.00	35.40 -0.45 0.00	35.42 -0.57 0.00	34.64 -0.39 0.00	38.18 -0.03 0.00	43.25 -0.60 0.00	40.23 -0.44 0.00	38.77 0.71 0.00	41.86 1.89 0.00	43.00 2.00 0.00	46.01 2.28 0.00	53.81 2.62 0.00	48.03 1.62 0.00	55.43 1.57 0.00	69.33 1.64 0.00	80.72 0.89 0.00	69.81 0.95 0.00	82.75 2.40 0.00	70.50 1.66 0.00	60.77 1.39 0.00	51.62 1.04 0.00	39.17 1.07 0.00
INDECK___OSWEGO 23783	43.63 -1.06 0.00	36.23 -0.82 0.00	33.25 -0.78 0.00	34.99 -0.86 0.00	35.13 -0.86 0.00	34.23 -0.80 0.00	37.40 -0.81 0.00	42.83 -1.02 0.00	39.70 -0.97 0.00	37.23 -0.84 0.00	39.19 -0.78 0.00	40.25 -0.75 0.00	42.95 -0.78 0.00	50.53 -0.94 -0.28	45.33 -1.09 0.00	52.94 -1.35 -0.43	71.47 -1.62 -5.39	89.59 -1.72 -11.49	76.97 -1.35 -9.47	78.93 -1.42 0.00	67.56 -1.27 0.00	58.39 -0.99 0.00	49.92 -0.66 0.00	37.46 -0.63 0.00
INDECK___YERKES 23781	45.91 1.22 0.00	37.61 0.56 0.00	34.12 0.09 0.00	36.35 0.50 0.00	36.25 0.25 0.00	35.38 0.35 0.00	38.82 0.61 0.00	43.85 0.01 0.00	41.12 0.45 0.00	39.77 1.71 0.00	43.04 3.07 0.00	44.53 3.53 0.00	48.02 4.30 0.00	55.89 4.71 0.00	50.06 3.64 0.00	58.13 4.26 0.00	73.42 5.72 0.00	85.39 5.56 0.00	72.67 3.82 0.00	84.85 4.50 0.00	71.73 2.90 0.00	62.15 2.76 0.00	52.93 2.35 0.00	40.01 1.92 0.00
INDIAN POINT_GT_1 24139	45.40 0.71 0.00	37.62 0.57 0.00	34.56 0.52 0.00	36.35 0.50 0.00	36.52 0.53 0.00	35.60 0.56 0.00	38.88 0.67 0.00	44.74 0.89 0.00	41.52 0.85 0.00	41.21 0.75 -2.40	41.78 0.91 -0.90	43.77 0.80 -1.97	46.03 0.57 -1.74	59.01 0.73 -7.09	48.85 0.87 -1.56	55.62 0.88 -0.87	68.54 0.84 0.00	81.27 1.44 0.00	69.78 0.93 0.00	80.92 0.57 0.00	69.23 0.39 0.00	59.69 0.31 0.00	51.24 0.66 0.00	38.74 0.65 0.00
INDIAN POINT_GT_2 23659	45.40 0.71 0.00	37.62 0.57 0.00	34.56 0.52 0.00	36.35 0.50 0.00	36.52 0.53 0.00	35.60 0.56 0.00	38.88 0.67 0.00	44.74 0.89 0.00	41.52 0.85 0.00	41.21 0.75 -2.40	41.78 0.91 -0.90	43.77 0.80 -1.97	46.03 0.57 -1.74	59.01 0.73 -7.09	48.85 0.87 -1.56	55.62 0.88 -0.87	68.54 0.84 0.00	81.27 1.44 0.00	69.78 0.93 0.00	80.92 0.57 0.00	69.23 0.39 0.00	59.69 0.31 0.00	51.24 0.66 0.00	38.74 0.65 0.00
INDIAN POINT_GT_3 24019	45.40 0.71 0.00	37.62 0.57 0.00	34.56 0.52 0.00	36.35 0.50 0.00	36.52 0.53 0.00	35.60 0.56 0.00	38.88 0.67 0.00	44.74 0.89 0.00	41.52 0.85 0.00	41.21 0.75 -2.40	41.78 0.91 -0.90	43.77 0.80 -1.97	46.03 0.57 -1.74	59.01 0.73 -7.09	48.85 0.87 -1.56	55.62 0.88 -0.87	68.54 0.84 0.00	81.27 1.44 0.00	69.78 0.93 0.00	80.92 0.57 0.00	69.23 0.39 0.00	59.69 0.31 0.00	51.24 0.66 0.00	38.74 0.65 0.00
INDIAN POINT___2 23530	45.39 0.70 0.00	37.61 0.56 0.00	34.52 0.49 0.00	36.33 0.48 0.00	36.51 0.51 0.00	35.58 0.55 0.00	38.86 0.65 0.00	44.72 0.87 0.00	41.49 0.82 0.00	41.12 0.73 -2.32	41.73 0.90 -0.87	43.69 0.79 -1.90	45.97 0.56 -1.68	58.79 0.73 -6.87	48.78 0.85 -1.51	55.57 0.86 -0.84	68.51 0.82 0.00	81.22 1.39 0.00	69.74 0.89 0.00	80.88 0.53 0.00	69.19 0.35 0.00	59.67 0.29 0.00	51.22 0.64 0.00	38.72 0.63 0.00
INDIAN POINT___3 23531	45.39 0.70 0.00	37.61 0.56 0.00	34.54 0.51 0.00	36.33 0.48 0.00	36.51 0.52 0.00	35.58 0.55 0.00	38.85 0.64 0.00	44.71 0.86 0.00	41.50 0.83 0.00	41.18 0.72 -2.40	41.73 0.86 -0.90	43.72 0.76 -1.97	45.99 0.53 -1.74	58.97 0.68 -7.10	48.80 0.82 -1.56	55.56 0.82 -0.87	68.45 0.76 0.00	81.16 1.33 0.00	69.70 0.85 0.00	80.83 0.48 0.00	69.16 0.32 0.00	59.62 0.24 0.00	51.18 0.60 0.00	38.69 0.60 0.00
INGHAM_C_115KV_TB7 356103	45.50 0.82 0.00	37.66 0.61 0.00	34.76 0.73 0.00	36.56 0.71 0.00	36.75 0.76 0.00	35.77 0.74 0.00	38.86 0.65 0.00	44.32 0.48 0.00	40.62 -0.05 0.00	37.44 -0.62 0.00	39.06 -0.91 0.00	39.94 -1.06 0.00	42.19 -1.53 0.00	49.65 -1.53 0.00	45.24 -1.17 0.00	52.72 -1.14 0.00	66.39 -1.30 0.00	79.90 0.07 0.00	69.93 1.08 0.00	81.99 1.64 0.00	70.37 1.53 0.00	60.49 1.11 0.00	51.42 0.84 0.00	38.65 0.56 0.00
IP CORINTH___1 23988	46.49 1.80 0.00	38.44 1.39 0.00	35.46 1.43 0.00	37.18 1.33 0.00	37.38 1.39 0.00	36.43 1.40 0.00	39.56 1.35 0.00	45.40 1.55 0.00	41.93 1.26 0.00	36.88 0.93 2.11	39.78 0.60 0.79	39.74 0.47 1.73	42.44 0.24 1.53	45.42 0.42 6.18	45.62 0.57 1.36	54.10 1.00 0.76	69.25 1.55 0.00	82.42 2.59 0.00	72.00 3.15 0.00	83.83 3.48 0.00	71.92 3.09 0.00	61.79 2.40 0.00	52.37 1.79 0.00	39.48 1.39 0.00
IP___TICONDEROGA 23804	49.79 5.10 0.00	40.97 3.92 0.00	37.74 3.71 0.00	39.30 3.45 0.00	39.57 3.58 0.00	38.76 3.73 0.00	41.98 3.77 0.00	48.16 4.31 0.00	44.14 3.48 0.00	38.52 2.61 2.16	41.70 2.54 0.81	41.98 2.75 1.77	44.86 2.70 1.56	47.93 3.09 6.34	48.45 3.43 1.39	57.75 4.67 0.78	74.21 6.51 0.00	88.11 8.28 0.00	76.42 7.57 0.00	89.44 9.09 0.00	76.74 7.90 0.00	66.00 6.62 0.00	55.74 5.16 0.00	42.05 3.96 0.00
ISLIP_RES_REC 323679	44.47 0.18 0.40	37.78 0.74 0.00	34.80 0.77 0.00	36.69 0.83 0.00	36.84 0.85 0.00	35.98 0.95 0.00	39.25 1.03 0.00	45.16 1.32 0.00	41.91 1.25 0.00	41.87 1.36 -2.45	42.43 1.54 -0.91	43.79 0.79 -2.00	44.18 0.36 -0.10	43.78 0.57 7.98	43.18 0.81 4.04	36.49 0.87 18.24	32.23 0.69 36.15	84.54 2.04 -2.67	70.01 1.15 0.00	80.05 0.66 0.96	69.31 0.47 0.00	52.00 0.15 7.53	45.24 0.37 5.71	36.43 0.56 2.22

JAMAICA__27_KV_LOAD 355505	45.87 1.19 0.00	38.00 0.95 0.00	34.86 0.83 0.00	36.65 0.80 0.00	36.82 0.82 0.00	35.92 0.88 0.00	39.29 1.08 0.00	45.21 1.36 0.00	42.03 1.36 0.00	41.78 1.27 -2.45	42.24 1.35 -0.91	44.27 1.27 -2.00	46.55 1.05 -1.77	59.60 1.19 -7.22	49.30 1.29 -1.59	56.05 1.29 -0.89	68.87 1.17 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.04 0.69 0.00	69.32 0.48 0.00	59.89 0.51 0.00	51.72 1.14 0.00	39.22 1.13 0.00
JANIS__SOLAR 323808	46.52 1.83 0.00	38.41 1.36 0.00	35.16 1.13 0.00	37.13 1.28 0.00	37.25 1.25 0.00	36.40 1.36 0.00	39.90 1.69 0.00	45.54 1.69 0.00	41.97 1.30 0.00	39.29 1.23 0.00	41.15 1.18 0.00	42.04 1.04 0.00	45.03 1.30 0.00	52.83 1.59 -0.06	47.92 1.50 0.00	55.79 1.84 -0.09	71.44 2.64 -1.10	85.90 3.73 -2.34	74.76 3.98 -1.93	86.02 5.67 0.00	73.64 4.80 0.00	63.11 3.73 0.00	53.34 2.77 0.00	39.90 1.81 0.00
JARVIS____ 23743	44.65 -0.04 0.00	37.02 -0.03 0.00	34.03 0.00 0.00	35.84 -0.01 0.00	35.99 0.00 0.00	35.03 0.00 0.00	38.18 -0.03 0.00	43.81 -0.04 0.00	40.61 -0.06 0.00	37.98 -0.09 0.00	39.89 -0.08 0.00	40.87 -0.13 0.00	43.54 -0.19 0.00	50.99 -0.20 0.00	46.27 -0.14 0.00	53.72 -0.14 0.00	67.51 -0.19 0.00	79.78 -0.04 0.00	68.89 0.04 0.00	80.36 0.01 0.00	68.84 0.00 0.00	59.32 -0.06 0.00	50.53 -0.05 0.00	38.05 -0.05 0.00
JENNISON____1 23625	46.55 1.87 0.00	38.46 1.41 0.00	35.25 1.22 0.00	37.22 1.37 0.00	37.33 1.34 0.00	36.47 1.44 0.00	39.92 1.71 0.00	45.60 1.75 0.00	42.31 1.64 0.00	39.75 1.69 0.00	41.80 1.83 0.00	42.75 1.75 0.00	45.81 2.08 0.00	53.63 2.40 -0.04	48.59 2.18 0.00	56.50 2.57 -0.06	71.90 3.42 -0.79	86.01 4.48 -1.69	74.54 4.30 -1.39	85.68 5.33 0.00	73.21 4.37 0.00	62.55 3.17 0.00	53.01 2.43 0.00	39.74 1.65 0.00
JENNISON____2 23626	46.55 1.87 0.00	38.46 1.41 0.00	35.25 1.22 0.00	37.22 1.37 0.00	37.33 1.34 0.00	36.47 1.44 0.00	39.92 1.71 0.00	45.60 1.75 0.00	42.31 1.64 0.00	39.75 1.69 0.00	41.80 1.83 0.00	42.75 1.75 0.00	45.81 2.08 0.00	53.63 2.40 -0.04	48.59 2.18 0.00	56.50 2.57 -0.06	71.90 3.42 -0.79	86.01 4.48 -1.69	74.54 4.30 -1.39	85.68 5.33 0.00	73.21 4.37 0.00	62.55 3.17 0.00	53.01 2.43 0.00	39.74 1.65 0.00
JERICOHO_RISE_WT_PWR 323719	45.11 0.42 0.00	37.59 0.55 0.00	34.44 0.41 0.00	36.29 0.44 0.00	36.42 0.43 0.00	35.44 0.41 0.00	38.72 0.51 0.00	44.59 0.74 0.00	41.43 0.76 0.00	38.77 0.71 0.00	40.48 0.51 0.00	41.72 0.72 0.00	44.78 1.05 0.00	52.19 1.01 0.00	47.21 0.80 0.00	54.67 0.81 0.00	68.63 0.93 0.00	79.82 -0.01 0.00	68.49 -0.36 0.00	80.17 -0.18 0.00	69.08 0.25 0.00	59.64 0.25 0.00	50.69 0.12 0.00	38.25 0.16 0.00
KATONAH__115KV_46KV_TB4 355592	45.58 0.89 0.00	37.77 0.72 0.00	34.69 0.66 0.00	36.48 0.63 0.00	36.66 0.67 0.00	35.73 0.70 0.00	39.02 0.81 0.00	44.92 1.07 0.00	41.73 1.06 0.00	41.46 0.95 -2.45	42.02 1.13 -0.92	44.05 1.05 -2.01	46.36 0.86 -1.78	59.51 1.08 -7.24	49.21 1.20 -1.59	56.03 1.27 -0.89	69.06 1.37 0.00	81.87 2.04 0.00	70.32 1.47 0.00	81.52 1.17 0.00	69.69 0.85 0.00	60.04 0.66 0.00	51.48 0.90 0.00	38.90 0.81 0.00
KCE_NY_1 323755	46.34 1.65 0.00	38.32 1.27 0.00	35.32 1.29 0.00	37.11 1.26 0.00	37.31 1.32 0.00	36.35 1.31 0.00	39.52 1.31 0.00	45.37 1.52 0.00	41.92 1.25 0.00	36.78 0.95 2.23	39.93 0.80 0.84	39.88 0.70 1.83	42.62 0.52 1.62	45.44 0.80 6.55	45.80 0.82 1.44	54.22 1.17 0.81	69.30 1.60 0.00	82.37 2.54 0.00	71.57 2.72 0.00	83.40 3.05 0.00	71.41 2.57 0.00	61.38 2.00 0.00	52.27 1.69 0.00	39.33 1.24 0.00
KCE_NY_6_ESR 323823	45.93 1.24 0.00	37.65 0.60 0.00	34.16 0.13 0.00	36.38 0.53 0.00	36.23 0.24 0.00	35.40 0.37 0.00	38.86 0.66 0.00	43.93 0.09 0.00	41.19 0.52 0.00	39.82 1.76 0.00	43.09 3.12 0.00	44.57 3.57 0.00	48.02 4.30 0.00	55.99 4.80 0.00	50.22 3.80 0.00	58.54 4.68 0.00	74.09 6.40 0.00	86.38 6.55 0.00	73.25 4.40 0.00	85.37 5.02 0.00	72.21 3.37 0.00	62.41 3.02 0.00	52.83 2.25 0.00	39.81 1.72 0.00
KEDC_PORT_JEFF_GT2 24210	44.19 -0.10 0.40	37.58 0.53 0.00	34.61 0.58 0.00	36.51 0.66 0.00	36.65 0.65 0.00	35.80 0.77 0.00	39.02 0.81 0.00	44.90 1.06 0.00	41.66 0.99 0.00	41.59 1.08 -2.45	42.15 1.27 -0.91	43.48 0.48 -2.00	43.82 0.00 -0.09	43.24 0.15 8.10	42.74 0.42 4.09	35.88 0.42 18.40	31.33 0.11 36.47	84.51 1.01 -3.67	69.00 0.15 0.00	78.85 -0.54 0.97	68.46 -0.38 0.00	51.47 -0.32 7.59	44.82 0.00 5.76	36.16 0.31 2.24
KEDC_PORT_JEFF_GT3 24211	44.19 -0.10 0.40	37.58 0.53 0.00	34.61 0.58 0.00	36.51 0.66 0.00	36.65 0.65 0.00	35.80 0.77 0.00	39.02 0.81 0.00	44.90 1.06 0.00	41.66 0.99 0.00	41.59 1.08 -2.45	42.15 1.27 -0.91	43.48 0.48 -2.00	43.82 0.00 -0.09	43.24 0.15 8.10	42.74 0.42 4.09	35.88 0.42 18.40	31.33 0.11 36.47	84.51 1.01 -3.67	69.00 0.15 0.00	78.85 -0.54 0.97	68.46 -0.38 0.00	51.47 -0.32 7.59	44.82 0.00 5.76	36.16 0.31 2.24
KEDC_GLWD_GT4 24219	45.24 0.68 0.13	37.80 0.75 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.70 0.00	39.02 0.81 0.00	44.93 1.08 0.00	41.77 1.11 0.00	41.57 1.06 -2.45	42.28 1.40 -0.91	44.07 1.07 -2.00	45.78 0.85 -1.21	54.39 1.02 -2.18	47.30 1.17 0.29	49.55 1.19 5.50	56.67 1.01 12.03	81.23 1.40 0.00	69.67 0.82 0.00	80.36 0.33 0.32	68.97 0.13 0.00	56.93 0.04 2.50	49.46 0.67 1.79	38.13 0.73 0.69
KEDC_GLWD_GT5 24220	45.24 0.68 0.13	37.80 0.75 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.70 0.00	39.02 0.81 0.00	44.93 1.08 0.00	41.77 1.11 0.00	41.57 1.06 -2.45	42.28 1.40 -0.91	44.07 1.07 -2.00	45.78 0.85 -1.21	54.39 1.02 -2.18	47.30 1.17 0.29	49.55 1.19 5.50	56.67 1.01 12.03	81.23 1.40 0.00	69.67 0.82 0.00	80.36 0.33 0.32	68.97 0.13 0.00	56.93 0.04 2.50	49.46 0.67 1.79	38.13 0.73 0.69
KENSICO____ 23655	45.48 0.79 0.00	37.70 0.66 0.00	34.62 0.59 0.00	36.42 0.56 0.00	36.59 0.60 0.00	35.66 0.63 0.00	38.95 0.75 0.00	44.83 0.98 0.00	41.63 0.96 0.00	41.37 0.86 -2.44	41.92 1.04 -0.91	43.93 0.93 -2.00	46.19 0.70 -1.77	59.27 0.88 -7.20	48.98 0.98 -1.59	55.74 1.00 -0.89	68.66 0.97 0.00	81.41 1.58 0.00	69.90 1.05 0.00	81.04 0.69 0.00	69.32 0.48 0.00	59.77 0.39 0.00	51.31 0.73 0.00	38.80 0.71 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.86 1.17 0.00	37.93 0.88 0.00	34.83 0.80 0.00	36.62 0.76 0.00	36.77 0.78 0.00	35.82 0.79 0.00	39.13 0.92 0.00	45.02 1.17 0.00	41.74 1.08 0.00	40.47 0.93 -1.48	41.54 1.02 -0.55	43.11 0.90 -1.21	45.55 0.75 -1.07	56.49 0.94 -4.36	48.16 0.79 -0.96	55.32 0.92 -0.54	68.92 1.22 0.00	82.03 2.20 0.00	70.73 1.87 0.00	82.33 1.98 0.00	70.82 1.98 0.00	60.88 1.49 0.00	52.04 1.46 0.00	39.20 1.11 0.00

KIAC_JFK_GT1 23816	45.60 0.91 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.44 0.58 0.00	36.61 0.62 0.00	35.71 0.68 0.00	39.06 0.85 0.00	44.94 1.10 0.00	41.78 1.11 0.00	41.50 0.99 -2.45	41.83 0.94 -0.91	43.86 0.85 -2.00	46.10 0.60 -1.77	59.06 0.65 -7.22	48.81 0.81 -1.59	55.46 0.71 -0.89	68.13 0.43 0.00	80.74 0.91 0.00	69.25 0.40 0.00	80.15 -0.20 0.00	68.56 -0.28 0.00	59.23 -0.15 0.00	51.18 0.60 0.00	38.97 0.88 0.00
KIAC_JFK_GT2 23817	45.60 0.91 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.44 0.58 0.00	36.61 0.62 0.00	35.71 0.68 0.00	39.06 0.85 0.00	44.94 1.10 0.00	41.78 1.11 0.00	41.50 0.99 -2.45	41.83 0.94 -0.91	43.86 0.85 -2.00	46.10 0.60 -1.77	59.06 0.65 -7.22	48.81 0.81 -1.59	55.46 0.71 -0.89	68.13 0.43 0.00	80.74 0.91 0.00	69.25 0.40 0.00	80.15 -0.20 0.00	68.56 -0.28 0.00	59.23 -0.15 0.00	51.18 0.60 0.00	38.97 0.88 0.00
KIAC_JFK____ 323774	45.59 0.90 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.43 0.58 0.00	36.61 0.62 0.00	35.71 0.68 0.00	39.06 0.85 0.00	44.95 1.11 0.00	41.78 1.11 0.00	41.51 1.01 -2.45	41.83 0.94 -0.91	43.86 0.86 -2.00	46.10 0.60 -1.77	59.05 0.64 -7.22	48.81 0.81 -1.59	55.46 0.71 -0.89	68.13 0.43 0.00	80.74 0.91 0.00	69.25 0.40 0.00	80.15 -0.19 0.00	68.56 -0.28 0.00	59.23 -0.15 0.00	51.18 0.60 0.00	38.97 0.88 0.00
KINTIGH__24_KV_GSU 356498	45.03 0.34 0.00	37.00 -0.05 0.00	33.65 -0.38 0.00	35.82 -0.03 0.00	35.80 -0.20 0.00	34.91 -0.12 0.00	38.26 0.05 0.00	43.29 -0.56 0.00	40.49 -0.18 0.00	38.97 0.90 0.00	41.97 2.00 0.00	43.35 2.35 0.00	46.58 2.85 0.00	54.23 3.04 0.00	48.57 2.15 0.00	56.55 2.69 0.00	71.40 3.71 0.00	83.29 3.46 0.00	71.29 2.44 0.00	83.51 3.16 0.00	70.79 1.95 0.00	61.18 1.80 0.00	51.94 1.36 0.00	39.24 1.15 0.00
KINTIGH____ 23543	44.98 0.30 0.00	36.97 -0.08 0.00	33.62 -0.41 0.00	35.79 -0.06 0.00	35.77 -0.22 0.00	34.88 -0.15 0.00	38.24 0.03 0.00	43.30 -0.55 0.00	40.43 -0.23 0.00	38.96 0.90 0.00	41.94 1.97 0.00	43.30 2.31 0.00	46.53 2.81 0.00	54.17 2.99 0.00	48.55 2.13 0.00	56.50 2.64 0.00	71.33 3.63 0.00	83.21 3.38 0.00	71.24 2.39 0.00	83.46 3.11 0.00	70.74 1.90 0.00	61.14 1.76 0.00	51.91 1.33 0.00	39.22 1.13 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.23 0.54 0.00	37.76 0.71 0.00	34.60 0.57 0.00	36.46 0.61 0.00	36.59 0.59 0.00	35.62 0.59 0.00	38.92 0.71 0.00	44.83 0.98 0.00	41.60 0.93 0.00	38.89 0.83 0.00	40.60 0.63 0.00	41.99 1.00 0.00	45.14 1.41 0.00	52.49 1.31 0.00	47.55 1.13 0.00	55.06 1.20 0.00	69.28 1.58 0.00	80.89 1.06 0.00	69.32 0.47 0.00	81.02 0.67 0.00	69.78 0.94 0.00	60.27 0.89 0.00	51.16 0.58 0.00	38.69 0.60 0.00
LACHUTE____HYDRO 323717	49.79 5.10 0.00	40.97 3.92 0.00	37.74 3.71 0.00	39.30 3.45 0.00	39.57 3.58 0.00	38.76 3.72 0.00	41.98 3.77 0.00	48.16 4.31 0.00	44.14 3.48 0.00	38.52 2.61 2.16	41.70 2.54 0.81	41.98 2.75 1.77	44.86 2.70 1.56	47.93 3.09 6.34	48.46 3.43 1.39	57.75 4.67 0.78	74.21 6.51 0.00	88.11 8.28 0.00	76.42 7.57 0.00	89.44 9.08 0.00	76.74 7.90 0.00	66.00 6.61 0.00	55.74 5.16 0.00	42.05 3.96 0.00
LAWRNCALV_115KV_TB1 80681	46.48 1.79 0.00	38.61 1.56 0.00	35.34 1.31 0.00	37.20 1.35 0.00	37.36 1.37 0.00	36.39 1.36 0.00	39.76 1.55 0.00	45.75 1.90 0.00	42.44 1.78 0.00	39.62 1.55 0.00	41.25 1.28 0.00	42.36 1.37 0.00	45.41 1.69 0.00	53.08 1.89 0.00	47.92 1.50 0.00	55.56 1.70 0.00	69.56 1.86 0.00	80.20 0.37 0.00	69.10 0.25 0.00	81.23 0.88 0.00	69.99 1.15 0.00	60.98 1.60 0.00	52.11 1.53 0.00	39.35 1.26 0.00
LEDERLE____ 23769	45.72 1.03 0.00	37.86 0.81 0.00	34.74 0.71 0.00	36.56 0.71 0.00	36.74 0.74 0.00	35.81 0.77 0.00	39.12 0.91 0.00	45.02 1.18 0.00	41.78 1.12 0.00	41.34 1.00 -2.27	42.00 1.18 -0.85	43.97 1.11 -1.86	46.30 0.93 -1.65	59.13 1.22 -6.72	49.19 1.29 -1.48	56.10 1.41 -0.83	69.23 1.54 0.00	82.07 2.24 0.00	70.45 1.60 0.00	81.66 1.31 0.00	69.82 0.99 0.00	60.18 0.80 0.00	51.63 1.05 0.00	38.98 0.89 0.00
LIGHTHSE_115KV_TB6 355974	44.93 0.24 0.00	37.30 0.25 0.00	34.18 0.15 0.00	35.83 -0.02 0.00	36.03 0.03 0.00	35.13 0.10 0.00	38.49 0.28 0.00	44.08 0.24 0.00	40.85 0.18 0.00	38.33 0.27 0.00	40.23 0.26 0.00	41.26 0.26 0.00	43.94 0.21 0.00	51.60 0.27 -0.14	46.54 0.13 0.00	54.21 0.13 -0.21	70.80 0.40 -2.71	86.32 0.72 -5.77	74.63 1.02 -4.76	82.08 1.73 0.00	70.49 1.66 0.00	60.71 1.33 0.00	51.68 1.11 0.00	38.53 0.44 0.00
LINDEN COGEN____ 23786	45.28 0.59 0.00	37.52 0.48 0.00	34.44 0.41 0.00	36.21 0.36 0.00	36.39 0.40 0.00	35.47 0.44 0.00	38.79 0.58 0.00	44.66 0.81 0.00	41.52 0.86 0.00	41.32 0.82 -2.45	41.86 0.98 -0.91	43.88 0.88 -2.00	46.12 0.62 -1.77	59.12 0.72 -7.22	48.87 0.87 -1.59	55.55 0.80 -0.89	68.33 0.63 0.00	81.03 1.21 0.00	69.45 0.59 0.00	80.45 0.10 0.00	68.80 -0.03 0.00	59.38 0.00 0.00	51.11 0.54 0.00	38.71 0.61 0.00
LINDHRST_69_KV_BK1 356055	44.73 0.38 0.34	37.83 0.78 0.00	34.76 0.73 0.00	36.59 0.74 0.00	36.73 0.74 0.00	35.87 0.84 0.00	39.10 0.89 0.00	45.00 1.15 0.00	41.89 1.22 0.00	41.64 1.14 -2.45	42.39 1.50 -0.91	43.81 0.82 -2.00	44.45 0.41 -0.32	45.72 0.53 6.00	43.86 0.77 3.32	38.80 0.71 15.77	36.91 0.63 31.41	80.26 1.49 1.06	69.64 0.79 0.00	79.87 0.35 0.83	69.05 0.21 0.00	52.97 0.14 6.55	46.16 0.50 4.92	36.83 0.65 1.91
LIPA_MISC_IPP 23656	44.06 -0.22 0.40	37.52 0.47 0.00	34.64 0.61 0.00	36.58 0.73 0.00	36.72 0.73 0.00	35.87 0.83 0.00	39.10 0.89 0.00	44.98 1.13 0.00	41.65 0.98 0.00	41.62 1.11 -2.45	42.05 1.17 -0.91	43.39 0.39 -2.00	43.63 -0.18 -0.08	43.01 -0.01 8.16	42.57 0.27 4.11	35.65 0.26 18.48	30.81 -0.32 36.57	84.57 1.20 -3.53	69.38 0.53 0.00	79.32 -0.05 0.97	68.85 0.02 0.00	51.43 -0.33 7.63	44.83 0.04 5.78	36.07 0.23 2.25
LISF____SOLAR 323691	44.15 -0.13 0.40	37.60 0.55 0.00	34.71 0.68 0.00	36.65 0.80 0.00	36.79 0.80 0.00	35.94 0.91 0.00	39.19 0.98 0.00	45.09 1.25 0.00	41.73 1.06 0.00	41.72 1.21 -2.45	42.10 1.22 -0.91	43.43 0.43 -2.00	43.68 -0.13 -0.08	43.07 0.03 8.14	42.63 0.32 4.10	35.76 0.34 18.45	30.97 -0.20 36.52	84.76 1.45 -3.48	69.60 0.75 0.00	79.60 0.22 0.97	69.06 0.22 0.00	51.62 -0.15 7.61	44.92 0.11 5.78	36.16 0.32 2.25
LITTLE FALLS____HYD 24013	45.50 0.82 0.00	37.66 0.61 0.00	34.76 0.73 0.00	36.56 0.71 0.00	36.75 0.76 0.00	35.77 0.74 0.00	38.86 0.65 0.00	44.32 0.48 0.00	40.62 -0.05 0.00	37.44 -0.62 0.00	39.06 -0.91 0.00	39.94 -1.06 0.00	42.19 -1.53 0.00	49.65 -1.53 0.00	45.24 -1.17 0.00	52.72 -1.14 0.00	66.39 -1.30 0.00	79.90 0.07 0.00	69.93 1.08 0.00	81.99 1.64 0.00	70.37 1.53 0.00	60.49 1.11 0.00	51.42 0.84 0.00	38.65 0.56 0.00

LITTLRIV_115KV_TB1 356100	47.25 2.57 0.00	39.23 2.18 0.00	35.90 1.87 0.00	37.81 1.96 0.00	37.97 1.98 0.00	37.00 1.96 0.00	40.44 2.23 0.00	46.45 2.60 0.00	42.97 2.31 0.00	39.91 1.85 0.00	41.39 1.42 0.00	42.49 1.49 0.00	45.62 1.89 0.00	53.34 2.15 0.00	48.09 1.68 0.00	55.80 1.94 0.00	69.89 2.20 0.00	80.75 0.92 0.00	70.01 1.16 0.00	82.72 2.37 0.00	71.43 2.60 0.00	62.22 2.84 0.00	53.10 2.52 0.00	40.05 1.96 0.00
LI_NEWBRDGE___DRP 323616	44.17 -0.09 0.43	37.37 0.32 0.00	34.33 0.30 0.00	36.13 0.27 0.00	36.27 0.28 0.00	35.39 0.36 0.00	38.59 0.38 0.00	44.39 0.54 0.00	41.31 0.64 0.00	41.08 0.57 -2.45	41.79 0.90 -0.91	43.29 0.29 -2.00	43.62 -0.05 0.05	41.77 -0.06 9.36	42.05 0.19 4.55	33.92 0.01 19.96	28.19 -0.25 39.25	80.17 0.34 0.00	68.73 -0.12 0.00	78.54 -0.76 1.04	68.10 -0.74 0.00	50.41 -0.76 8.22	44.10 -0.22 6.26	35.80 0.14 2.43
LOCKPORT_115KV_TB60_63_64 80432	45.30 0.61 0.00	37.15 0.10 0.00	33.72 -0.31 0.00	35.94 0.09 0.00	35.86 -0.14 0.00	35.00 -0.03 0.00	38.39 0.18 0.00	43.38 -0.47 0.00	40.54 -0.13 0.00	39.19 1.13 0.00	42.27 2.30 0.00	43.69 2.69 0.00	47.14 3.41 0.00	54.80 3.61 0.00	49.08 2.67 0.00	57.23 3.37 0.00	72.42 4.72 0.00	84.28 4.45 0.00	71.90 3.05 0.00	84.08 3.73 0.00	71.15 2.31 0.00	61.62 2.23 0.00	52.39 1.81 0.00	39.64 1.55 0.00
LOCKPORT___CC1 323769	45.26 0.58 0.00	37.13 0.08 0.00	33.70 -0.33 0.00	35.92 0.07 0.00	35.85 -0.15 0.00	34.97 -0.06 0.00	38.36 0.15 0.00	43.29 -0.55 0.00	40.55 -0.12 0.00	39.15 1.08 0.00	42.28 2.31 0.00	43.69 2.70 0.00	47.13 3.40 0.00	54.80 3.62 0.00	49.06 2.65 0.00	57.19 3.33 0.00	72.36 4.66 0.00	84.21 4.38 0.00	71.80 2.95 0.00	84.02 3.67 0.00	71.10 2.26 0.00	61.56 2.17 0.00	52.31 1.73 0.00	39.58 1.49 0.00
LOCKPORT___CC2 323770	45.26 0.58 0.00	37.13 0.08 0.00	33.70 -0.33 0.00	35.92 0.07 0.00	35.85 -0.15 0.00	34.97 -0.06 0.00	38.36 0.15 0.00	43.29 -0.55 0.00	40.55 -0.12 0.00	39.15 1.08 0.00	42.28 2.31 0.00	43.69 2.70 0.00	47.13 3.40 0.00	54.80 3.62 0.00	49.06 2.65 0.00	57.19 3.33 0.00	72.36 4.66 0.00	84.21 4.38 0.00	71.80 2.95 0.00	84.02 3.67 0.00	71.10 2.26 0.00	61.56 2.17 0.00	52.31 1.73 0.00	39.58 1.49 0.00
LOCKPORT___CC3 323771	45.26 0.58 0.00	37.13 0.08 0.00	33.70 -0.33 0.00	35.92 0.07 0.00	35.85 -0.15 0.00	34.97 -0.06 0.00	38.36 0.15 0.00	43.29 -0.55 0.00	40.55 -0.12 0.00	39.15 1.08 0.00	42.28 2.31 0.00	43.69 2.70 0.00	47.13 3.40 0.00	54.80 3.62 0.00	49.06 2.65 0.00	57.19 3.33 0.00	72.36 4.66 0.00	84.21 4.38 0.00	71.80 2.95 0.00	84.02 3.67 0.00	71.10 2.26 0.00	61.56 2.17 0.00	52.31 1.73 0.00	39.58 1.49 0.00
LOCUSVLY_69_KV_BK2 55797	45.02 0.53 0.20	37.79 0.75 0.00	34.69 0.66 0.00	36.48 0.63 0.00	36.65 0.66 0.00	35.74 0.71 0.00	39.00 0.79 0.00	44.89 1.04 0.00	41.76 1.09 0.00	41.55 1.04 -2.45	42.34 1.45 -0.91	43.96 0.96 -2.00	45.37 0.73 -0.92	51.58 0.92 0.52	46.21 1.08 1.29	46.04 1.07 8.89	50.33 1.05 18.42	81.46 1.63 0.00	69.77 0.92 0.00	80.30 0.43 0.49	69.05 0.22 0.00	55.62 0.07 3.84	48.27 0.52 2.83	37.67 0.67 1.10
LONG_LAKE_PHOENIX 24014	43.97 -0.72 0.00	36.39 -0.66 0.00	33.39 -0.64 0.00	35.17 -0.68 0.00	35.30 -0.69 0.00	34.39 -0.64 0.00	37.58 -0.63 0.00	43.05 -0.80 0.00	39.90 -0.77 0.00	37.44 -0.62 0.00	39.44 -0.54 0.00	40.52 -0.47 0.00	43.27 -0.45 0.00	50.92 -0.49 -0.22	45.94 -0.47 0.00	53.73 -0.46 -0.33	71.27 -0.52 -4.10	88.19 -0.38 -8.74	75.81 -0.25 -7.21	80.21 -0.15 0.00	68.57 -0.27 0.00	59.05 -0.33 0.00	50.20 -0.38 0.00	37.71 -0.38 0.00
LOVETT___3 23632	45.40 0.71 0.00	37.62 0.57 0.00	34.54 0.51 0.00	36.34 0.49 0.00	36.52 0.52 0.00	35.58 0.55 0.00	38.87 0.66 0.00	44.73 0.88 0.00	41.50 0.83 0.00	41.08 0.71 -2.31	41.68 0.85 -0.86	43.63 0.75 -1.89	45.91 0.51 -1.67	58.69 0.68 -6.82	48.73 0.82 -1.50	55.53 0.83 -0.84	68.46 0.76 0.00	81.16 1.33 0.00	69.69 0.84 0.00	80.80 0.45 0.00	69.12 0.28 0.00	59.61 0.23 0.00	51.17 0.59 0.00	38.67 0.58 0.00
LOVETT___4 23642	45.40 0.71 0.00	37.62 0.57 0.00	34.54 0.51 0.00	36.34 0.49 0.00	36.52 0.52 0.00	35.58 0.55 0.00	38.87 0.66 0.00	44.73 0.88 0.00	41.50 0.83 0.00	41.08 0.71 -2.31	41.68 0.85 -0.86	43.63 0.75 -1.89	45.91 0.51 -1.67	58.69 0.68 -6.82	48.73 0.82 -1.50	55.53 0.83 -0.84	68.46 0.76 0.00	81.16 1.33 0.00	69.69 0.84 0.00	80.80 0.45 0.00	69.12 0.28 0.00	59.61 0.23 0.00	51.17 0.59 0.00	38.67 0.58 0.00
LOVETT___5 23593	45.40 0.71 0.00	37.62 0.57 0.00	34.54 0.51 0.00	36.34 0.49 0.00	36.52 0.52 0.00	35.58 0.55 0.00	38.87 0.66 0.00	44.73 0.88 0.00	41.50 0.83 0.00	41.08 0.71 -2.31	41.68 0.85 -0.86	43.63 0.75 -1.89	45.91 0.51 -1.67	58.69 0.68 -6.82	48.73 0.82 -1.50	55.53 0.83 -0.84	68.46 0.76 0.00	81.16 1.33 0.00	69.69 0.84 0.00	80.80 0.45 0.00	69.12 0.28 0.00	59.61 0.23 0.00	51.17 0.59 0.00	38.67 0.58 0.00
LOWER RAQUET___HYD 24057	46.58 1.90 0.00	38.71 1.67 0.00	35.43 1.40 0.00	37.28 1.43 0.00	37.44 1.44 0.00	36.48 1.45 0.00	39.87 1.66 0.00	45.87 2.02 0.00	42.53 1.86 0.00	39.69 1.63 0.00	41.32 1.34 0.00	42.41 1.41 0.00	45.46 1.73 0.00	53.15 1.95 -0.02	47.98 1.56 0.00	55.65 1.76 -0.03	69.94 1.89 -0.35	80.85 0.27 -0.74	69.67 0.20 -0.62	81.22 0.87 0.00	70.02 1.18 0.00	61.00 1.62 0.00	52.17 1.59 0.00	39.42 1.33 0.00
LOWER___HUDSON 24059	45.52 0.83 0.00	37.76 0.71 0.00	34.82 0.79 0.00	36.60 0.74 0.00	36.80 0.80 0.00	35.79 0.76 0.00	38.88 0.67 0.00	44.62 0.77 0.00	41.25 0.59 0.00	35.55 0.35 2.87	39.15 0.25 1.07	38.74 0.09 2.35	41.49 -0.16 2.08	42.66 -0.06 8.46	44.57 0.02 1.86	52.93 0.11 1.04	67.75 0.06 0.00	80.41 0.58 0.00	69.69 0.84 0.00	80.99 0.64 0.00	69.57 0.73 0.00	59.94 0.55 0.00	51.08 0.50 0.00	38.52 0.43 0.00
LOWVILLE_115KV_TB2 356335	46.51 1.82 0.00	38.88 1.83 0.00	35.64 1.60 0.00	37.07 1.23 0.00	37.32 1.33 0.00	36.42 1.38 0.00	39.93 1.72 0.00	45.84 1.99 0.00	42.48 1.81 0.00	39.90 1.84 0.00	41.78 1.81 0.00	42.57 1.58 0.00	45.20 1.48 0.00	53.13 1.90 -0.04	48.10 1.69 0.00	55.94 2.02 -0.06	71.26 2.75 -0.82	84.79 3.21 -1.75	73.76 3.46 -1.44	85.16 4.81 0.00	73.50 4.66 0.00	63.42 4.04 0.00	53.71 3.13 0.00	39.78 1.69 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.32 1.64 0.00	38.34 1.30 0.00	35.33 1.30 0.00	37.12 1.27 0.00	37.31 1.31 0.00	36.34 1.31 0.00	39.52 1.30 0.00	45.33 1.48 0.00	41.87 1.20 0.00	36.76 0.93 2.23	39.91 0.78 0.84	39.83 0.66 1.83	42.60 0.49 1.62	45.38 0.75 6.55	45.75 0.78 1.44	54.16 1.11 0.81	69.22 1.53 0.00	82.26 2.44 0.00	71.46 2.61 0.00	83.23 2.88 0.00	71.36 2.52 0.00	61.37 1.99 0.00	52.21 1.64 0.00	39.32 1.23 0.00

LUTHERNY_35_KV_BK2 355980	46.34 1.65 0.00	38.32 1.27 0.00	35.32 1.30 0.00	37.11 1.26 0.00	37.31 1.32 0.00	36.35 1.31 0.00	39.52 1.31 0.00	45.37 1.52 0.00	41.91 1.25 0.00	36.78 0.95 2.23	39.93 0.80 0.84	39.88 0.71 1.83	42.62 0.51 1.62	45.44 0.80 6.55	45.80 0.82 1.44	54.22 1.17 0.81	69.29 1.59 0.00	82.37 2.54 0.00	71.57 2.72 0.00	83.40 3.05 0.00	71.42 2.58 0.00	61.38 2.00 0.00	52.28 1.70 0.00	39.33 1.24 0.00
LWR___OSWEGATCHIE_HYD 23850	46.60 1.92 0.00	38.82 1.77 0.00	35.54 1.51 0.00	37.19 1.34 0.00	37.41 1.41 0.00	36.48 1.45 0.00	39.95 1.74 0.00	45.90 2.05 0.00	42.55 1.88 0.00	39.81 1.75 0.00	41.54 1.57 0.00	42.50 1.50 0.00	45.33 1.61 0.00	53.13 1.91 -0.04	48.01 1.60 0.00	55.77 1.86 -0.05	70.66 2.26 -0.70	83.01 1.69 -1.49	71.91 1.83 -1.23	83.30 2.95 0.00	71.90 3.06 0.00	62.34 2.95 0.00	53.05 2.47 0.00	39.66 1.57 0.00
LYONS_FALL_HYD 23570	46.27 1.59 0.00	38.55 1.50 0.00	35.34 1.31 0.00	36.93 1.08 0.00	37.13 1.14 0.00	36.21 1.18 0.00	39.65 1.44 0.00	45.51 1.66 0.00	42.21 1.54 0.00	39.59 1.53 0.00	41.52 1.54 0.00	42.33 1.33 0.00	45.01 1.28 0.00	52.87 1.65 -0.03	47.93 1.51 0.00	55.75 1.84 -0.05	70.82 2.52 -0.61	84.15 3.03 -1.29	73.10 3.18 -1.06	84.55 4.20 0.00	72.75 3.92 0.00	62.70 3.32 0.00	53.15 2.57 0.00	39.55 1.46 0.00
MADISON___COUNTY_LFGE 323628	46.01 1.32 0.00	38.12 1.07 0.00	34.95 0.92 0.00	36.78 0.93 0.00	36.89 0.90 0.00	35.99 0.96 0.00	39.37 1.16 0.00	45.08 1.23 0.00	41.83 1.16 0.00	39.15 1.08 0.00	41.18 1.21 0.00	41.98 0.98 0.00	44.77 1.04 0.00	52.65 1.43 -0.04	47.79 1.38 0.00	55.59 1.67 -0.05	70.78 2.41 -0.68	84.30 3.03 -1.44	73.12 3.08 -1.19	84.18 3.83 0.00	72.05 3.21 0.00	61.95 2.57 0.00	52.52 1.94 0.00	39.33 1.24 0.00
MALONE___115KV_TB1 356076	46.02 1.33 0.00	38.28 1.24 0.00	35.05 1.02 0.00	36.91 1.06 0.00	37.05 1.06 0.00	36.07 1.04 0.00	39.44 1.23 0.00	45.46 1.62 0.00	42.22 1.56 0.00	39.50 1.44 0.00	41.20 1.23 0.00	42.39 1.40 0.00	45.46 1.73 0.00	53.05 1.86 0.00	48.00 1.58 0.00	55.65 1.79 0.00	69.89 2.20 0.00	81.06 1.23 0.00	69.73 0.87 0.00	81.66 1.31 0.00	70.38 1.54 0.00	60.89 1.51 0.00	51.78 1.20 0.00	39.05 0.96 0.00
MAPLEWOD_115KV_TB3 80458	45.11 0.42 0.00	37.44 0.39 0.00	34.51 0.48 0.00	36.31 0.46 0.00	36.48 0.49 0.00	35.48 0.44 0.00	38.56 0.35 0.00	44.26 0.42 0.00	41.01 0.34 0.00	36.10 0.17 2.13	39.25 0.08 0.80	39.19 -0.06 1.75	41.95 -0.23 1.55	44.74 -0.14 6.30	44.99 -0.04 1.39	53.12 0.04 0.78	67.60 -0.10 0.00	80.24 0.41 0.00	69.42 0.57 0.00	80.70 0.35 0.00	69.22 0.38 0.00	59.63 0.24 0.00	50.82 0.24 0.00	38.29 0.20 0.00
MAPLE_RIDGE_WT_1 323574	44.51 -0.18 0.00	37.00 -0.04 0.00	33.97 -0.06 0.00	35.75 -0.10 0.00	35.92 -0.07 0.00	34.95 -0.08 0.00	38.12 -0.09 0.00	43.79 -0.06 0.00	40.67 0.00 0.00	38.13 0.07 0.00	40.02 0.05 0.00	41.07 0.07 0.00	43.83 0.10 0.00	51.26 0.08 0.00	46.45 0.03 0.00	53.92 0.05 0.00	67.77 0.08 0.00	79.77 -0.06 0.00	68.77 -0.08 0.00	80.32 -0.03 0.00	68.85 0.01 0.00	59.33 -0.05 0.00	50.40 -0.18 0.00	37.90 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	44.51 -0.18 0.00	37.00 -0.04 0.00	33.97 -0.06 0.00	35.75 -0.10 0.00	35.92 -0.07 0.00	34.95 -0.08 0.00	38.12 -0.09 0.00	43.79 -0.06 0.00	40.67 0.00 0.00	38.13 0.07 0.00	40.02 0.05 0.00	41.07 0.07 0.00	43.83 0.10 0.00	51.26 0.08 0.00	46.45 0.03 0.00	53.92 0.05 0.00	67.77 0.08 0.00	79.77 -0.06 0.00	68.77 -0.08 0.00	80.32 -0.03 0.00	68.85 0.01 0.00	59.33 -0.05 0.00	50.40 -0.18 0.00	37.90 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	45.03 0.35 0.00	37.54 0.49 0.00	34.42 0.39 0.00	36.27 0.42 0.00	36.40 0.41 0.00	35.44 0.40 0.00	38.69 0.48 0.00	44.55 0.71 0.00	41.40 0.73 0.00	38.73 0.67 0.00	40.45 0.48 0.00	41.71 0.71 0.00	44.78 1.06 0.00	52.18 0.99 0.00	47.21 0.80 0.00	54.64 0.78 0.00	68.59 0.90 0.00	79.90 0.07 0.00	68.56 -0.30 0.00	80.12 -0.23 0.00	69.04 0.20 0.00	59.65 0.27 0.00	50.69 0.11 0.00	38.28 0.20 0.00
MARSHVLE_115KV_TB1 80742	46.96 2.27 0.00	38.80 1.75 0.00	35.55 1.52 0.00	37.42 1.57 0.00	37.55 1.56 0.00	36.65 1.61 0.00	40.16 1.95 0.00	45.83 1.98 0.00	42.03 1.37 0.00	37.87 1.12 1.31	40.61 1.13 0.49	41.28 1.36 1.07	44.22 1.45 0.95	49.10 1.74 3.82	47.13 1.56 0.84	55.05 1.66 0.47	70.16 2.47 0.00	83.40 3.57 0.00	72.35 3.50 0.00	85.37 5.02 0.00	73.42 4.58 0.00	63.23 3.84 0.00	53.70 3.12 0.00	40.33 2.24 0.00
MARSH_HILL_WT_PWR 323713	44.97 0.28 0.00	36.72 -0.33 0.00	33.40 -0.64 0.00	35.55 -0.30 0.00	35.65 -0.34 0.00	35.02 -0.02 0.00	38.40 0.19 0.00	43.34 -0.51 0.00	40.22 -0.45 0.00	38.43 0.36 0.00	41.08 1.11 0.00	42.40 1.41 0.00	45.62 1.89 0.00	53.20 1.99 -0.03	47.99 1.57 0.00	55.93 2.02 -0.04	71.18 2.96 -0.52	84.59 3.65 -1.11	72.89 3.14 -0.90	84.88 4.53 0.00	72.23 3.39 0.00	61.79 2.40 0.00	51.81 1.23 0.00	38.80 0.71 0.00
MCINTYRE_115KV_TB2 80467	47.47 2.78 0.00	39.39 2.34 0.00	36.04 2.01 0.00	37.98 2.13 0.00	38.13 2.14 0.00	37.16 2.13 0.00	40.60 2.39 0.00	46.61 2.76 0.00	43.08 2.41 0.00	39.91 1.84 0.00	41.34 1.37 0.00	42.43 1.43 0.00	45.59 1.87 0.00	53.31 2.13 0.00	48.04 1.63 0.00	55.76 1.90 0.00	69.91 2.21 0.00	81.03 1.20 0.00	70.35 1.50 0.00	83.41 3.06 0.00	72.09 3.25 0.00	62.78 3.40 0.00	53.46 2.88 0.00	40.29 2.20 0.00
MECO_____69_KV_BK1 80468	47.38 2.69 0.00	39.15 2.10 0.00	35.93 1.90 0.00	37.79 1.94 0.00	37.96 1.97 0.00	37.03 2.00 0.00	40.51 2.30 0.00	46.22 2.37 0.00	42.20 1.53 0.00	37.51 0.90 1.45	40.03 0.61 0.54	40.34 0.53 1.18	43.24 0.56 1.05	47.85 0.88 4.22	46.34 0.86 0.93	54.44 1.09 0.52	69.37 1.68 0.00	83.21 3.38 0.00	72.93 4.08 0.00	86.41 6.06 0.00	74.41 5.57 0.00	63.99 4.61 0.00	54.28 3.70 0.00	40.71 2.62 0.00
MENANDS___115KV_TB5 355628	44.74 0.05 0.00	37.15 0.10 0.00	34.26 0.23 0.00	36.06 0.21 0.00	36.24 0.25 0.00	35.23 0.19 0.00	38.27 0.06 0.00	43.94 0.10 0.00	40.73 0.06 0.00	35.85 -0.09 2.13	38.99 -0.18 0.80	38.93 -0.33 1.74	41.62 -0.56 1.54	44.38 -0.53 6.28	44.64 -0.39 1.38	52.69 -0.40 0.77	67.01 -0.69 0.00	79.48 -0.36 0.00	68.72 -0.13 0.00	79.86 -0.49 0.00	68.51 -0.33 0.00	59.03 -0.35 0.00	50.33 -0.25 0.00	37.96 -0.13 0.00
MG INDUSTRY___DRP 24185	44.90 0.21 0.00	37.29 0.24 0.00	34.40 0.36 0.00	36.22 0.37 0.00	36.40 0.41 0.00	35.38 0.34 0.00	38.43 0.22 0.00	44.07 0.22 0.00	40.77 0.11 0.00	36.88 -0.04 1.15	39.43 -0.11 0.43	39.78 -0.27 0.94	42.43 -0.46 0.83	47.25 -0.48 3.45	45.28 -0.37 0.76	53.07 -0.37 0.43	67.09 -0.61 0.00	79.50 -0.34 0.00	68.82 -0.03 0.00	80.16 -0.19 0.00	68.82 -0.02 0.00	59.34 -0.04 0.00	50.59 0.02 0.00	38.16 0.07 0.00

MID___OSWEGATCHIE_HYD 23849	46.60 1.92 0.00	38.82 1.77 0.00	35.54 1.51 0.00	37.19 1.34 0.00	37.41 1.41 0.00	36.48 1.45 0.00	39.95 1.74 0.00	45.90 2.05 0.00	42.55 1.88 0.00	39.81 1.75 0.00	41.54 1.57 0.00	42.50 1.50 0.00	45.33 1.61 0.00	53.13 1.91 -0.04	48.01 1.60 0.00	55.77 1.86 -0.05	70.66 2.26 -0.70	83.01 1.69 -1.49	71.91 1.83 -1.23	83.30 2.95 0.00	71.90 3.06 0.00	62.34 2.95 0.00	53.05 2.47 0.00	39.66 1.57 0.00
MID___RAQUETTE_HYD 23851	46.58 1.89 0.00	38.71 1.66 0.00	35.43 1.40 0.00	37.28 1.43 0.00	37.44 1.44 0.00	36.48 1.45 0.00	39.87 1.66 0.00	45.87 2.02 0.00	42.53 1.86 0.00	39.69 1.63 0.00	41.31 1.34 0.00	42.41 1.41 0.00	45.46 1.73 0.00	53.15 1.95 -0.02	47.98 1.56 0.00	55.65 1.76 -0.03	69.94 1.89 -0.35	80.85 0.27 -0.74	69.66 0.20 -0.62	81.22 0.87 0.00	70.02 1.18 0.00	61.00 1.62 0.00	52.17 1.59 0.00	39.42 1.33 0.00
MILLIKEN___1 23584	45.47 0.78 0.00	37.58 0.53 0.00	34.38 0.35 0.00	36.27 0.42 0.00	36.42 0.42 0.00	35.49 0.46 0.00	38.85 0.63 0.00	44.43 0.58 0.00	41.11 0.44 0.00	38.61 0.54 0.00	40.61 0.64 0.00	41.60 0.60 0.00	44.49 0.77 0.00	52.24 0.98 -0.08	47.33 0.91 0.00	55.02 1.04 -0.11	70.81 1.67 -1.44	85.14 2.24 -3.07	73.74 2.35 -2.53	83.61 3.26 0.00	71.39 2.56 0.00	61.41 2.02 0.00	52.06 1.48 0.00	39.00 0.91 0.00
MILLIKEN___2 23585	45.47 0.78 0.00	37.58 0.53 0.00	34.38 0.35 0.00	36.27 0.42 0.00	36.42 0.42 0.00	35.49 0.46 0.00	38.85 0.63 0.00	44.43 0.58 0.00	41.11 0.44 0.00	38.61 0.54 0.00	40.61 0.64 0.00	41.60 0.60 0.00	44.49 0.77 0.00	52.24 0.98 -0.08	47.33 0.91 0.00	55.02 1.04 -0.11	70.81 1.67 -1.44	85.14 2.24 -3.07	73.74 2.35 -2.53	83.61 3.26 0.00	71.39 2.56 0.00	61.41 2.02 0.00	52.06 1.48 0.00	39.00 0.91 0.00
MILLIKEN___DIESEL 23629	45.47 0.78 0.00	37.58 0.53 0.00	34.38 0.35 0.00	36.27 0.42 0.00	36.42 0.42 0.00	35.49 0.46 0.00	38.85 0.63 0.00	44.43 0.58 0.00	41.11 0.44 0.00	38.61 0.54 0.00	40.61 0.64 0.00	41.60 0.60 0.00	44.49 0.77 0.00	52.24 0.98 -0.08	47.33 0.91 0.00	55.02 1.04 -0.11	70.81 1.67 -1.44	85.14 2.24 -3.07	73.74 2.35 -2.53	83.61 3.26 0.00	71.39 2.56 0.00	61.41 2.02 0.00	52.06 1.48 0.00	39.00 0.91 0.00
MILLSEAT___LFGE 323607	46.21 1.53 0.00	37.91 0.86 0.00	34.43 0.40 0.00	36.62 0.77 0.00	36.57 0.58 0.00	35.70 0.67 0.00	39.19 0.98 0.00	44.34 0.94 0.00	41.40 0.73 0.00	39.57 1.51 0.00	42.30 2.33 0.00	43.67 2.67 0.00	47.09 3.37 0.00	54.93 3.74 0.00	49.27 2.86 0.00	57.61 3.75 0.00	73.04 5.34 0.00	85.34 5.51 0.00	72.91 4.06 0.00	85.59 5.24 0.00	72.47 3.64 0.00	62.74 3.35 0.00	53.60 3.02 0.00	40.45 2.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.42 0.74 0.00	37.65 0.60 0.00	34.58 0.55 0.00	36.37 0.52 0.00	36.54 0.55 0.00	35.62 0.59 0.00	38.89 0.68 0.00	44.75 0.91 0.00	41.55 0.88 0.00	41.26 0.77 -2.42	41.82 0.94 -0.90	43.81 0.83 -1.98	46.08 0.60 -1.75	59.12 0.78 -7.16	48.87 0.89 -1.58	55.63 0.89 -0.88	68.55 0.86 0.00	81.28 1.45 0.00	69.79 0.94 0.00	80.93 0.58 0.00	69.24 0.40 0.00	59.71 0.32 0.00	51.24 0.66 0.00	38.74 0.65 0.00
MILLWOOD_13_KV_LOAD 356217	45.48 0.80 0.00	37.70 0.66 0.00	34.62 0.59 0.00	36.42 0.57 0.00	36.60 0.60 0.00	35.67 0.63 0.00	38.96 0.75 0.00	44.83 0.98 0.00	41.62 0.95 0.00	41.33 0.84 -2.42	41.89 1.02 -0.90	43.89 0.91 -1.98	46.16 0.68 -1.75	59.21 0.87 -7.16	48.97 0.98 -1.58	55.74 1.00 -0.88	68.71 1.01 0.00	81.47 1.64 0.00	69.95 1.10 0.00	81.12 0.76 0.00	69.39 0.55 0.00	59.83 0.45 0.00	51.34 0.76 0.00	38.81 0.72 0.00
MODEL_CITY_ENERGY 24167	44.83 0.14 0.00	36.79 -0.26 0.00	33.40 -0.63 0.00	35.61 -0.24 0.00	35.53 -0.46 0.00	34.66 -0.37 0.00	38.03 -0.18 0.00	42.88 -0.96 0.00	40.15 -0.51 0.00	38.80 0.74 0.00	41.91 1.94 0.00	43.30 2.30 0.00	46.72 3.00 0.00	54.28 3.10 0.00	48.57 2.16 0.00	56.66 2.80 0.00	71.70 4.00 0.00	83.35 3.52 0.00	71.06 2.21 0.00	83.11 2.75 0.00	70.33 1.49 0.00	60.95 1.57 0.00	51.80 1.22 0.00	39.26 1.17 0.00
MODERN_LFGE___ 323580	44.83 0.14 0.00	36.79 -0.26 0.00	33.40 -0.63 0.00	35.61 -0.24 0.00	35.53 -0.46 0.00	34.66 -0.37 0.00	38.03 -0.18 0.00	42.88 -0.96 0.00	40.15 -0.51 0.00	38.80 0.74 0.00	41.91 1.94 0.00	43.30 2.30 0.00	46.72 3.00 0.00	54.28 3.10 0.00	48.57 2.16 0.00	56.66 2.80 0.00	71.70 4.00 0.00	83.35 3.52 0.00	71.06 2.21 0.00	83.11 2.75 0.00	70.33 1.49 0.00	60.95 1.57 0.00	51.80 1.22 0.00	39.26 1.17 0.00
MOHAWK_PAPER___DRP 24187	45.11 0.42 0.00	37.44 0.39 0.00	34.51 0.48 0.00	36.31 0.46 0.00	36.48 0.49 0.00	35.48 0.44 0.00	38.56 0.35 0.00	44.26 0.42 0.00	41.01 0.34 0.00	36.10 0.17 2.13	39.25 0.08 0.80	39.19 -0.06 1.75	41.95 -0.23 1.55	44.74 -0.14 6.30	44.99 -0.04 1.39	53.12 0.04 0.78	67.60 -0.10 0.00	80.24 0.41 0.00	69.42 0.57 0.00	80.70 0.35 0.00	69.22 0.38 0.00	59.63 0.24 0.00	50.82 0.24 0.00	38.29 0.20 0.00
MOHICAN___35_KV_115KV_LD 80490	46.92 2.23 0.00	38.77 1.73 0.00	35.75 1.72 0.00	37.49 1.64 0.00	37.69 1.70 0.00	36.75 1.72 0.00	39.91 1.70 0.00	45.78 1.93 0.00	42.25 1.58 0.00	37.06 1.19 2.19	40.06 0.92 0.82	40.00 0.79 1.79	42.73 0.59 1.59	45.58 0.83 6.43	45.95 0.95 1.41	54.51 1.44 0.79	69.82 2.12 0.00	83.11 3.29 0.00	72.54 3.68 0.00	84.47 4.12 0.00	72.46 3.62 0.00	62.25 2.87 0.00	52.78 2.20 0.00	39.79 1.70 0.00
MONGAUP___HYD 23641	45.85 1.16 0.00	37.94 0.89 0.00	34.83 0.80 0.00	36.64 0.79 0.00	36.80 0.80 0.00	35.85 0.82 0.00	39.29 1.08 0.00	44.99 1.14 0.00	41.51 0.85 0.00	40.56 0.47 -2.03	41.21 0.48 -0.76	43.02 0.37 -1.66	45.38 0.19 -1.47	57.47 0.29 -5.99	48.17 0.43 -1.32	55.05 0.45 -0.74	68.34 0.64 0.00	81.45 1.62 0.00	70.54 1.69 0.00	82.42 2.06 0.00	70.65 1.81 0.00	60.86 1.47 0.00	51.99 1.41 0.00	39.16 1.07 0.00
MONTAUK___DIESEL 23721	46.08 1.79 0.40	39.14 2.09 0.00	36.13 2.10 0.00	38.18 2.33 0.00	38.34 2.34 0.00	37.46 2.42 0.00	40.88 2.67 0.00	47.11 3.27 0.00	43.64 2.97 0.00	43.64 3.13 -2.45	44.20 3.31 -0.91	45.72 2.72 -2.00	46.17 2.36 -0.08	46.03 3.00 8.15	45.53 3.23 4.11	39.19 3.79 18.47	34.74 3.60 36.55	89.44 6.10 -3.52	73.57 4.72 0.00	84.02 4.64 0.97	72.65 3.81 0.00	54.71 2.95 7.62	47.44 2.65 5.78	37.93 2.09 2.25
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.91 0.22 0.00	36.77 -0.27 0.00	33.32 -0.71 0.00	35.47 -0.38 0.00	35.22 -0.77 0.00	34.50 -0.54 0.00	38.22 0.01 0.00	43.44 -0.41 0.00	40.97 0.30 0.00	39.87 1.80 0.00	43.37 3.40 0.00	44.78 3.78 0.00	48.26 4.53 0.00	56.58 5.39 0.00	50.83 4.42 0.00	59.04 5.18 0.00	74.53 6.84 0.00	87.20 7.37 0.00	74.35 5.50 0.00	87.33 6.98 0.00	73.89 5.05 0.00	63.72 4.34 0.00	53.67 3.09 0.00	39.84 1.75 0.00

MORRIS_RIDGE___SOLAR 323848	44.90 0.21 0.00	36.81 -0.24 0.00	33.48 -0.55 0.00	35.59 -0.26 0.00	35.54 -0.46 0.00	34.78 -0.26 0.00	38.14 -0.07 0.00	43.13 -0.72 0.00	40.03 -0.64 0.00	38.20 0.14 0.00	40.94 0.97 0.00	42.25 1.25 0.00	45.52 1.79 0.00	53.08 1.88 -0.02	47.72 1.31 0.00	55.64 1.75 -0.03	70.78 2.70 -0.38	83.80 3.18 -0.80	71.81 2.29 -0.66	83.88 3.53 0.00	71.26 2.42 0.00	61.23 1.85 0.00	51.68 1.10 0.00	38.81 0.72 0.00
MORTIMER_115KV_TB3 55949	45.37 0.68 0.00	37.36 0.31 0.00	34.08 0.05 0.00	36.09 0.24 0.00	36.14 0.15 0.00	35.25 0.21 0.00	38.60 0.39 0.00	43.98 0.13 0.00	40.93 0.26 0.00	38.94 0.87 0.00	41.53 1.56 0.00	42.86 1.86 0.00	46.01 2.28 0.00	53.82 2.64 0.00	48.58 2.16 0.00	56.56 2.70 0.00	71.72 4.02 0.00	84.11 4.28 0.00	72.27 3.42 0.00	84.51 4.16 0.00	71.71 2.88 0.00	61.82 2.44 0.00	52.42 1.84 0.00	39.47 1.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.57 0.89 0.00	37.78 0.73 0.00	34.69 0.65 0.00	36.46 0.61 0.00	36.64 0.65 0.00	35.72 0.69 0.00	39.05 0.84 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.11 1.23 -0.91	44.12 1.13 -2.00	46.39 0.90 -1.77	59.48 1.07 -7.22	49.17 1.16 -1.59	55.91 1.16 -0.89	68.83 1.14 0.00	81.59 1.77 0.00	70.00 1.15 0.00	81.11 0.76 0.00	69.37 0.53 0.00	59.84 0.45 0.00	51.44 0.86 0.00	38.94 0.84 0.00
MUNSVILLE_WIND_PWR 323609	47.62 2.93 0.00	39.34 2.29 0.00	36.04 2.02 0.00	38.08 2.24 0.00	38.24 2.25 0.00	37.43 2.39 0.00	41.08 2.87 0.00	46.92 3.08 0.00	43.49 2.82 0.00	40.85 2.79 0.00	42.76 2.79 0.00	43.70 2.70 0.00	46.90 3.17 0.00	54.98 3.75 -0.05	49.89 3.48 0.00	58.08 4.14 -0.07	74.06 5.43 -0.95	88.90 7.05 -2.01	77.34 6.83 -1.66	88.90 8.55 0.00	75.94 7.10 0.00	64.88 5.50 0.00	54.64 4.07 0.00	40.78 2.69 0.00
N SALMON___HYD 24042	46.02 1.33 0.00	38.28 1.24 0.00	35.05 1.02 0.00	36.91 1.06 0.00	37.05 1.06 0.00	36.07 1.04 0.00	39.44 1.23 0.00	45.46 1.62 0.00	42.22 1.55 0.00	39.50 1.44 0.00	41.20 1.23 0.00	42.39 1.40 0.00	45.46 1.74 0.00	53.04 1.86 0.00	48.00 1.58 0.00	55.65 1.79 0.00	69.89 2.20 0.00	81.06 1.23 0.00	69.73 0.87 0.00	81.66 1.31 0.00	70.38 1.54 0.00	60.89 1.51 0.00	51.78 1.20 0.00	39.05 0.96 0.00
N.AKRON__115KV_KNAPP 355671	45.95 1.27 0.00	37.69 0.65 0.00	34.22 0.19 0.00	36.44 0.59 0.00	36.36 0.37 0.00	35.50 0.47 0.00	38.96 0.75 0.00	44.08 0.23 0.00	41.15 0.49 0.00	39.56 1.50 0.00	42.44 2.47 0.00	43.83 2.84 0.00	47.29 3.56 0.00	55.07 3.88 0.00	49.38 2.96 0.00	57.68 3.82 0.00	73.06 5.37 0.00	85.21 5.38 0.00	72.80 3.95 0.00	85.28 4.93 0.00	72.19 3.36 0.00	62.49 3.10 0.00	53.24 2.66 0.00	40.22 2.13 0.00
N.E_GEN_SANDY PD 24062	44.94 0.39 0.14	37.41 0.39 0.03	34.51 0.48 0.00	36.04 0.40 0.22	36.46 0.47 0.00	35.49 0.45 0.00	38.55 0.34 0.00	44.31 0.46 0.00	40.99 0.32 0.00	21.79 0.11 16.39	34.12 0.09 5.94	27.93 -0.08 12.99	31.89 -0.40 11.44	3.86 -0.40 46.93	35.80 -0.28 10.34	47.74 -0.34 5.78	67.04 -0.65 0.00	79.57 -0.26 0.00	68.71 -0.14 0.00	79.72 -0.63 0.00	68.46 -0.38 0.00	59.01 -0.37 0.00	51.73 -0.13 -1.28	38.12 0.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.52 0.83 0.00	37.70 0.65 0.00	34.60 0.57 0.00	36.41 0.55 0.00	36.58 0.59 0.00	35.65 0.62 0.00	38.94 0.73 0.00	44.82 0.97 0.00	41.58 0.91 0.00	41.14 0.79 -2.29	41.77 0.94 -0.85	43.74 0.87 -1.87	46.04 0.66 -1.66	58.83 0.88 -6.76	48.89 0.99 -1.49	55.75 1.06 -0.83	68.78 1.08 0.00	81.54 1.71 0.00	69.98 1.13 0.00	81.16 0.81 0.00	69.40 0.56 0.00	59.83 0.44 0.00	51.34 0.76 0.00	38.78 0.69 0.00
N.QUEENS_27_KV_LOAD 356247	45.64 0.95 0.00	37.84 0.79 0.00	34.73 0.69 0.00	36.49 0.64 0.00	36.70 0.71 0.00	35.76 0.72 0.00	39.14 0.94 0.00	44.95 1.10 0.00	41.93 1.26 0.00	41.62 1.11 -2.45	42.14 1.26 -0.91	44.13 1.13 -2.00	46.40 0.91 -1.77	59.47 1.06 -7.22	49.20 1.20 -1.59	55.67 0.92 -0.89	68.60 0.90 0.00	81.43 1.60 0.00	69.75 0.90 0.00	80.89 0.54 0.00	69.11 0.27 0.00	59.82 0.43 0.00	51.65 1.07 0.00	39.23 1.14 0.00
N.TROY___115KV_TB1 355778	45.52 0.83 0.00	37.76 0.71 0.00	34.82 0.79 0.00	36.60 0.74 0.00	36.80 0.80 0.00	35.80 0.76 0.00	38.88 0.67 0.00	44.62 0.77 0.00	41.26 0.59 0.00	35.54 0.35 2.87	39.15 0.25 1.07	38.74 0.09 2.35	41.49 -0.16 2.08	42.66 -0.06 8.46	44.56 0.01 1.86	52.93 0.11 1.04	67.75 0.06 0.00	80.41 0.58 0.00	69.69 0.84 0.00	80.99 0.64 0.00	69.57 0.73 0.00	59.94 0.55 0.00	51.08 0.50 0.00	38.53 0.43 0.00
NARROWS_GT1_1 24228	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT1_2 24229	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT1_3 24230	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT1_4 24231	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT1_5 24232	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00

NARROWS_GT1_6 24233	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT1_7 24234	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT1_8 24235	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_1 24236	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_2 24237	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_3 24238	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_4 24239	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_5 24240	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_6 24241	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_7 24242	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NARROWS_GT2_8 24243	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.83 1.13 0.00	81.62 1.79 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.94 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.61 0.93 0.00	37.83 0.78 0.00	34.88 0.85 0.00	36.70 0.85 0.00	36.87 0.88 0.00	35.85 0.81 0.00	39.00 0.79 0.00	44.75 0.90 0.00	41.24 0.57 0.00	37.57 0.30 0.80	39.85 0.18 0.30	40.38 0.03 0.65	43.03 -0.12 0.58	48.82 0.01 2.38	45.96 0.06 0.52	53.92 0.35 0.29	68.01 0.31 0.00	80.98 1.15 0.00	70.49 1.64 0.00	82.45 2.10 0.00	70.79 1.96 0.00	60.91 1.52 0.00	51.73 1.15 0.00	38.89 0.80 0.00
NCHELSEA_115KV_TR2 355582	45.80 1.12 0.00	37.93 0.88 0.00	34.84 0.81 0.00	36.64 0.79 0.00	36.81 0.82 0.00	35.88 0.84 0.00	39.16 0.95 0.00	45.07 1.22 0.00	41.82 1.15 0.00	41.02 1.02 -1.94	41.87 1.17 -0.73	43.69 1.10 -1.59	46.08 0.95 -1.41	58.13 1.21 -5.74	48.98 1.30 -1.26	56.00 1.43 -0.70	69.39 1.70 0.00	82.35 2.52 0.00	70.79 1.93 0.00	82.14 1.79 0.00	70.20 1.37 0.00	60.46 1.07 0.00	51.75 1.17 0.00	39.04 0.95 0.00
NEG CAPITAL___MECHNVIL 23645	46.36 1.68 0.00	38.39 1.34 0.00	35.37 1.34 0.00	37.17 1.32 0.00	37.35 1.36 0.00	36.36 1.32 0.00	39.55 1.34 0.00	45.38 1.53 0.00	41.94 1.27 0.00	36.60 1.00 2.47	39.93 0.89 0.92	39.75 0.77 2.02	42.55 0.61 1.79	44.84 0.91 7.25	45.77 0.95 1.60	54.25 1.28 0.89	69.47 1.78 0.00	82.51 2.68 0.00	71.64 2.79 0.00	83.37 3.02 0.00	71.49 2.65 0.00	61.47 2.09 0.00	52.29 1.71 0.00	39.37 1.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.40 -0.29 0.00	36.59 -0.46 0.00	33.42 -0.61 0.00	35.33 -0.52 0.00	35.41 -0.59 0.00	34.52 -0.51 0.00	37.81 -0.40 0.00	43.12 -0.73 0.00	40.11 -0.56 0.00	38.03 -0.04 0.00	40.49 0.52 0.00	41.77 0.77 0.00	44.81 1.09 0.00	52.45 1.27 0.00	47.41 1.00 0.00	55.29 1.43 0.00	70.09 2.40 0.00	82.34 2.52 0.00	70.87 2.02 0.00	82.82 2.47 0.00	70.30 1.46 0.00	60.48 1.10 0.00	51.25 0.67 0.00	38.53 0.44 0.00

NEG CENTRAL___DRP 24199	45.12 0.44 0.00	37.27 0.22 0.00	34.06 0.03 0.00	35.98 0.13 0.00	36.09 0.10 0.00	35.21 0.18 0.00	38.58 0.37 0.00	44.07 0.22 0.00	40.80 0.13 0.00	38.45 0.38 0.00	40.68 0.71 0.00	41.85 0.85 0.00	44.76 1.04 0.00	52.46 1.20 -0.08	47.54 1.13 0.00	55.31 1.34 -0.11	71.26 2.13 -1.44	85.54 2.65 -3.06	73.92 2.54 -2.53	83.60 3.25 0.00	71.25 2.41 0.00	61.24 1.86 0.00	51.83 1.25 0.00	38.94 0.85 0.00
NEG CENTRAL___INDECK 23768	46.84 2.16 0.00	38.37 1.33 0.00	34.93 0.89 0.00	37.04 1.19 0.00	37.10 1.11 0.00	36.31 1.27 0.00	39.88 1.67 0.00	45.18 1.34 0.00	41.65 0.98 0.00	39.47 1.41 0.00	42.18 2.21 0.00	43.52 2.52 0.00	46.50 2.78 0.00	53.55 2.36 0.00	47.97 1.55 0.00	55.87 2.02 0.00	70.78 3.09 0.00	83.50 3.67 0.00	72.16 3.31 0.00	85.20 4.84 0.00	72.90 4.06 0.00	62.68 3.30 0.00	52.90 2.32 0.00	40.57 2.48 0.00
NEG CENTRAL___SENECA 23627	45.34 0.65 0.00	37.44 0.39 0.00	34.18 0.15 0.00	36.17 0.32 0.00	36.24 0.25 0.00	35.40 0.37 0.00	38.83 0.61 0.00	44.30 0.45 0.00	41.02 0.35 0.00	38.73 0.67 0.00	41.06 1.09 0.00	42.24 1.24 0.00	45.23 1.51 0.00	52.88 1.65 -0.04	47.92 1.50 0.00	55.75 1.82 -0.06	71.29 2.80 -0.79	84.99 3.47 -1.69	73.46 3.21 -1.40	84.38 4.03 0.00	71.92 3.08 0.00	61.78 2.40 0.00	52.21 1.63 0.00	39.29 1.19 0.00
NEG CENTRAL___STATE_STREET 24147	45.11 0.42 0.00	37.30 0.25 0.00	34.05 0.02 0.00	35.90 0.06 0.00	36.12 0.12 0.00	35.12 0.09 0.00	38.44 0.23 0.00	43.97 0.12 0.00	40.78 0.11 0.00	38.34 0.28 0.00	40.42 0.45 0.00	41.57 0.57 0.00	44.48 0.75 0.00	52.19 0.90 -0.10	47.28 0.86 0.00	54.85 0.84 -0.15	71.13 1.54 -1.89	85.70 1.84 -4.03	74.23 2.06 -3.33	83.13 2.78 0.00	70.70 1.86 0.00	60.88 1.50 0.00	51.66 1.08 0.00	38.66 0.57 0.00
NEG MILLWOOD___DRP 24198	45.81 1.12 0.00	37.94 0.90 0.00	34.86 0.82 0.00	36.65 0.80 0.00	36.83 0.83 0.00	35.89 0.86 0.00	39.20 0.99 0.00	45.13 1.28 0.00	41.91 1.24 0.00	41.34 1.12 -2.17	42.09 1.31 -0.81	44.01 1.24 -1.77	46.38 1.09 -1.57	58.94 1.37 -6.39	49.28 1.46 -1.41	56.25 1.61 -0.79	69.55 1.85 0.00	82.53 2.70 0.00	70.91 2.05 0.00	82.23 1.88 0.00	70.25 1.41 0.00	60.49 1.10 0.00	51.80 1.22 0.00	39.09 1.00 0.00
NEG NORTH_FLCN_SEA 23793	44.81 0.12 0.00	37.50 0.45 0.00	34.38 0.35 0.00	36.24 0.39 0.00	36.37 0.37 0.00	35.40 0.37 0.00	38.67 0.45 0.00	44.54 0.70 0.00	41.39 0.72 0.00	38.72 0.66 0.00	40.42 0.45 0.00	41.83 0.84 0.00	45.00 1.27 0.00	52.23 1.05 0.00	47.31 0.89 0.00	54.74 0.88 0.00	68.68 0.98 0.00	80.21 0.38 0.00	68.77 -0.08 0.00	80.17 -0.18 0.00	69.07 0.23 0.00	59.68 0.29 0.00	50.70 0.12 0.00	38.43 0.34 0.00
NEG NORTH_KES_CHATEGAY 23792	45.21 0.52 0.00	37.68 0.63 0.00	34.53 0.49 0.00	36.37 0.52 0.00	36.50 0.51 0.00	35.52 0.49 0.00	38.80 0.59 0.00	44.65 0.80 0.00	41.44 0.77 0.00	38.78 0.71 0.00	40.49 0.52 0.00	41.73 0.73 0.00	44.78 1.06 0.00	52.20 1.01 0.00	47.22 0.80 0.00	54.68 0.82 0.00	68.65 0.95 0.00	79.85 0.02 0.00	68.63 -0.22 0.00	80.41 0.06 0.00	69.26 0.42 0.00	59.82 0.43 0.00	50.85 0.27 0.00	38.35 0.25 0.00
NEG NORTH___ALICE_FALLS 23915	45.23 0.54 0.00	37.76 0.71 0.00	34.60 0.57 0.00	36.46 0.61 0.00	36.59 0.59 0.00	35.62 0.59 0.00	38.92 0.71 0.00	44.83 0.98 0.00	41.60 0.93 0.00	38.89 0.83 0.00	40.60 0.63 0.00	41.99 1.00 0.00	45.14 1.41 0.00	52.49 1.31 0.00	47.55 1.13 0.00	55.06 1.20 0.00	69.28 1.58 0.00	80.89 1.06 0.00	69.32 0.47 0.00	81.02 0.67 0.00	69.78 0.94 0.00	60.27 0.89 0.00	51.16 0.58 0.00	38.69 0.60 0.00
NEG NORTH___LWR_SARANAC 23913	45.23 0.54 0.00	37.76 0.71 0.00	34.60 0.57 0.00	36.46 0.61 0.00	36.59 0.59 0.00	35.62 0.59 0.00	38.92 0.71 0.00	44.83 0.98 0.00	41.60 0.93 0.00	38.89 0.83 0.00	40.60 0.63 0.00	41.99 1.00 0.00	45.14 1.41 0.00	52.49 1.31 0.00	47.55 1.13 0.00	55.06 1.20 0.00	69.28 1.58 0.00	80.89 1.06 0.00	69.32 0.47 0.00	81.02 0.67 0.00	69.78 0.94 0.00	60.27 0.89 0.00	51.16 0.58 0.00	38.69 0.60 0.00
NEG NORTH___PLATTSBURG 23628	45.23 0.54 0.00	37.76 0.71 0.00	34.60 0.57 0.00	36.46 0.61 0.00	36.58 0.59 0.00	35.62 0.59 0.00	38.92 0.71 0.00	44.83 0.98 0.00	41.60 0.93 0.00	38.89 0.83 0.00	40.60 0.63 0.00	41.99 1.00 0.00	45.14 1.41 0.00	52.49 1.31 0.00	47.55 1.13 0.00	55.06 1.20 0.00	69.27 1.58 0.00	80.89 1.06 0.00	69.32 0.47 0.00	81.02 0.67 0.00	69.78 0.94 0.00	60.27 0.89 0.00	51.16 0.58 0.00	38.69 0.60 0.00
NEG WEST_LEA_LOCKPORT 23791	45.26 0.58 0.00	37.13 0.08 0.00	33.70 -0.33 0.00	35.92 0.07 0.00	35.84 -0.15 0.00	34.97 -0.06 0.00	38.36 0.15 0.00	43.34 -0.51 0.00	40.53 -0.14 0.00	39.18 1.12 0.00	42.28 2.31 0.00	43.70 2.70 0.00	47.12 3.39 0.00	54.79 3.61 0.00	49.07 2.65 0.00	57.18 3.32 0.00	72.35 4.66 0.00	84.20 4.38 0.00	71.82 2.97 0.00	84.01 3.66 0.00	71.09 2.25 0.00	61.55 2.16 0.00	52.31 1.73 0.00	39.57 1.48 0.00
NEG WEST___LANCASTR 23811	46.39 1.71 0.00	38.00 0.95 0.00	34.46 0.43 0.00	36.68 0.83 0.00	36.56 0.57 0.00	35.71 0.67 0.00	39.22 1.01 0.00	44.39 0.54 0.00	41.59 0.92 0.00	40.28 2.22 0.00	43.57 3.61 0.00	45.11 4.11 0.00	48.68 4.95 0.00	56.76 5.58 0.00	50.96 4.55 0.00	59.45 5.59 0.00	75.28 7.59 0.00	87.75 7.92 0.00	73.14 4.29 0.00	84.12 3.76 0.00	71.14 2.29 0.00	61.38 2.00 0.00	52.02 1.44 0.00	39.23 1.14 0.00
NEG_PENN_ALLEGHNY 23528	44.98 0.29 0.00	37.16 0.11 0.00	34.04 0.00 0.00	35.97 0.11 0.00	36.05 0.06 0.00	35.18 0.15 0.00	38.49 0.28 0.00	44.02 0.17 0.00	40.82 0.15 0.00	38.43 0.36 0.00	40.67 0.70 0.00	41.72 0.72 0.00	44.65 0.92 0.00	52.31 1.07 -0.05	47.35 0.94 0.00	55.11 1.17 -0.07	70.15 1.54 -0.91	83.81 2.03 -1.95	72.09 1.63 -1.61	82.52 2.17 0.00	70.34 1.51 0.00	60.54 1.15 0.00	51.37 0.79 0.00	38.57 0.48 0.00
NEG___GEN_MONROE 24207	46.11 1.43 0.00	37.90 0.85 0.00	34.50 0.47 0.00	36.53 0.68 0.00	36.56 0.57 0.00	35.73 0.69 0.00	39.15 0.94 0.00	44.53 0.68 0.00	41.31 0.64 0.00	39.27 1.20 0.00	41.90 1.93 0.00	43.29 2.29 0.00	46.52 2.80 0.00	54.37 3.18 0.00	49.02 2.60 0.00	57.03 3.17 0.00	72.46 4.77 0.00	85.06 5.23 0.00	72.92 4.07 0.00	85.36 5.00 0.00	72.58 3.75 0.00	62.50 3.11 0.00	53.11 2.53 0.00	40.03 1.94 0.00
NEPA___ENERGY 23901	45.13 0.44 0.00	37.03 -0.01 0.00	33.58 -0.45 0.00	35.80 -0.05 0.00	35.65 -0.34 0.00	34.88 -0.15 0.00	38.40 0.19 0.00	43.56 -0.29 0.00	40.72 0.05 0.00	39.22 1.16 0.00	42.37 2.40 0.00	43.42 2.42 0.00	46.77 3.05 0.00	54.61 3.42 0.00	49.07 2.65 0.00	57.21 3.34 0.00	72.15 4.45 0.00	84.65 4.82 0.00	71.96 3.11 0.00	84.54 4.19 0.00	71.41 2.57 0.00	61.69 2.31 0.00	52.19 1.61 0.00	39.12 1.03 0.00

NEVERSINK___HYD 23608	45.22 0.53 0.00	37.42 0.37 0.00	34.34 0.31 0.00	36.11 0.26 0.00	36.26 0.27 0.00	35.33 0.29 0.00	38.57 0.36 0.00	44.37 0.52 0.00	41.14 0.47 0.00	39.98 0.38 -1.53	40.97 0.43 -0.57	42.59 0.33 -1.26	45.05 0.21 -1.11	55.83 0.12 -4.53	46.50 -0.91 -1.00	53.36 -1.06 -0.56	66.45 -1.24 0.00	79.10 -0.73 0.00	68.28 -0.57 0.00	79.68 -0.67 0.00	69.97 1.13 0.00	60.10 0.72 0.00	51.33 0.75 0.00	38.65 0.56 0.00
NEWKRMKL_115KV_TB1 55635	44.55 -0.14 0.00	36.98 -0.07 0.00	34.11 0.08 0.00	35.89 0.04 0.00	36.08 0.08 0.00	35.05 0.02 0.00	38.11 -0.09 0.00	43.77 -0.07 0.00	40.60 -0.07 0.00	35.94 -0.24 1.89	38.94 -0.33 0.71	38.98 -0.47 1.55	41.68 -0.67 1.37	44.94 -0.65 5.60	44.69 -0.49 1.23	52.65 -0.53 0.69	66.89 -0.80 0.00	79.35 -0.48 0.00	68.58 -0.27 0.00	79.70 -0.65 0.00	68.37 -0.46 0.00	58.90 -0.48 0.00	50.22 -0.36 0.00	37.85 -0.24 0.00
NEWTON___FALLS_HYD 23847	46.60 1.92 0.00	38.82 1.77 0.00	35.54 1.51 0.00	37.19 1.34 0.00	37.41 1.41 0.00	36.48 1.45 0.00	39.95 1.74 0.00	45.90 2.05 0.00	42.55 1.88 0.00	39.81 1.75 0.00	41.54 1.57 0.00	42.50 1.50 0.00	45.33 1.61 0.00	53.13 1.91 -0.04	48.01 1.60 0.00	55.77 1.86 -0.05	70.66 2.26 -0.70	83.01 1.69 -1.49	71.91 1.83 -1.23	83.30 2.95 0.00	71.90 3.06 0.00	62.34 2.95 0.00	53.05 2.47 0.00	39.66 1.57 0.00
NGRID_A1_DSASP 323792	44.65 -0.03 0.00	36.67 -0.37 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.35 0.00	42.72 -1.12 0.00	40.05 -0.62 0.00	38.73 0.67 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.62 2.89 0.00	54.15 2.97 0.00	48.35 1.94 0.00	56.11 2.25 0.00	70.95 3.25 0.00	82.37 2.54 0.00	70.29 1.44 0.00	82.23 1.88 0.00	69.59 0.75 0.00	60.50 1.11 0.00	51.51 0.93 0.00	38.97 0.88 0.00
NGRID_A2_DSASP 323793	44.65 -0.03 0.00	36.67 -0.37 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.35 0.00	42.72 -1.12 0.00	40.05 -0.62 0.00	38.73 0.67 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.62 2.89 0.00	54.15 2.97 0.00	48.35 1.94 0.00	56.11 2.25 0.00	70.95 3.25 0.00	82.37 2.54 0.00	70.29 1.44 0.00	82.23 1.88 0.00	69.59 0.75 0.00	60.50 1.11 0.00	51.51 0.93 0.00	38.97 0.88 0.00
NGRID_A4_DSASP 323807	44.65 -0.03 0.00	36.67 -0.37 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.35 0.00	42.72 -1.12 0.00	40.05 -0.62 0.00	38.73 0.67 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.62 2.89 0.00	54.15 2.97 0.00	48.35 1.94 0.00	56.11 2.25 0.00	70.95 3.25 0.00	82.37 2.54 0.00	70.29 1.44 0.00	82.23 1.88 0.00	69.59 0.75 0.00	60.50 1.11 0.00	51.51 0.93 0.00	38.97 0.88 0.00
NIAGARA_115E_LBMP 323715	44.58 -0.11 0.00	36.59 -0.46 0.00	33.22 -0.81 0.00	35.43 -0.42 0.00	35.35 -0.64 0.00	34.49 -0.55 0.00	37.83 -0.39 0.00	42.63 -1.21 0.00	39.94 -0.73 0.00	38.61 0.54 0.00	41.72 1.75 0.00	43.10 2.10 0.00	46.52 2.79 0.00	54.00 2.82 0.00	48.31 1.90 0.00	56.34 2.48 0.00	71.29 3.60 0.00	82.84 3.01 0.00	70.62 1.77 0.00	82.57 2.22 0.00	69.89 1.06 0.00	60.59 1.21 0.00	51.50 0.92 0.00	39.07 0.98 0.00
NIAGARA_115W_LBMP 323714	44.56 -0.13 0.00	36.60 -0.45 0.00	33.24 -0.79 0.00	35.43 -0.41 0.00	35.36 -0.63 0.00	34.48 -0.55 0.00	37.79 -0.42 0.00	42.63 -1.22 0.00	39.96 -0.71 0.00	38.64 0.57 0.00	41.78 1.81 0.00	43.18 2.18 0.00	46.50 2.77 0.00	54.01 2.82 0.00	48.22 1.80 0.00	55.92 2.05 0.00	70.72 3.02 0.00	82.12 2.29 0.00	70.07 1.22 0.00	81.97 1.62 0.00	69.38 0.55 0.00	60.35 0.97 0.00	51.39 0.81 0.00	38.88 0.79 0.00
NIAGARA_230_LBMP 323716	44.77 0.08 0.00	36.78 -0.27 0.00	33.41 -0.62 0.00	35.61 -0.24 0.00	35.55 -0.44 0.00	34.66 -0.38 0.00	37.99 -0.22 0.00	42.88 -0.96 0.00	40.18 -0.49 0.00	38.81 0.74 0.00	41.92 1.95 0.00	43.31 2.31 0.00	46.60 2.88 0.00	54.19 3.00 0.00	48.47 2.05 0.00	56.40 2.54 0.00	71.29 3.60 0.00	82.91 3.08 0.00	70.76 1.91 0.00	82.87 2.52 0.00	70.15 1.31 0.00	60.73 1.35 0.00	51.61 1.03 0.00	39.06 0.96 0.00
NIAGARA___115KV_198_GIBSON 55903	44.56 -0.13 0.00	36.60 -0.45 0.00	33.24 -0.79 0.00	35.43 -0.42 0.00	35.36 -0.63 0.00	34.48 -0.55 0.00	37.78 -0.43 0.00	42.68 -1.17 0.00	39.93 -0.73 0.00	38.67 0.61 0.00	41.78 1.81 0.00	43.18 2.18 0.00	46.49 2.76 0.00	53.99 2.81 0.00	48.23 1.81 0.00	55.91 2.05 0.00	70.71 3.01 0.00	82.10 2.28 0.00	70.10 1.25 0.00	81.97 1.62 0.00	69.38 0.54 0.00	60.34 0.96 0.00	51.39 0.81 0.00	38.88 0.79 0.00
NIAGARA____ 23760	44.77 0.08 0.00	36.78 -0.27 0.00	33.41 -0.62 0.00	35.61 -0.24 0.00	35.55 -0.44 0.00	34.66 -0.38 0.00	37.99 -0.22 0.00	42.88 -0.96 0.00	40.18 -0.49 0.00	38.81 0.74 0.00	41.92 1.95 0.00	43.31 2.31 0.00	46.60 2.88 0.00	54.19 3.00 0.00	48.47 2.05 0.00	56.40 2.54 0.00	71.29 3.60 0.00	82.91 3.08 0.00	70.76 1.91 0.00	82.87 2.52 0.00	70.15 1.31 0.00	60.73 1.35 0.00	51.61 1.03 0.00	39.06 0.96 0.00
NINE_MILE_1 23575	43.36 -1.32 0.00	35.90 -1.14 0.00	32.94 -1.09 0.00	34.71 -1.14 0.00	34.84 -1.15 0.00	33.93 -1.10 0.00	37.06 -1.16 0.00	42.44 -1.41 0.00	39.37 -1.30 0.00	36.92 -1.14 0.00	38.89 -1.08 0.00	39.96 -1.04 0.00	42.65 -1.07 0.00	49.25 -1.26 0.67	45.27 -1.15 0.00	51.54 -1.31 1.02	53.35 -1.52 12.83	50.79 -1.73 27.31	44.86 -1.46 22.53	78.76 -1.59 0.00	67.32 -1.52 0.00	58.03 -1.35 0.00	49.35 -1.23 0.00	37.12 -0.97 0.00
NINE_MILE_2 23744	43.36 -1.32 0.00	35.90 -1.14 0.00	32.94 -1.09 0.00	34.71 -1.14 0.00	34.84 -1.15 0.00	33.93 -1.10 0.00	37.06 -1.16 0.00	42.44 -1.40 0.00	39.37 -1.30 0.00	36.92 -1.14 0.00	38.89 -1.08 0.00	39.95 -1.04 0.00	42.65 -1.07 0.00	49.24 -1.26 0.69	45.27 -1.15 0.00	51.52 -1.31 1.03	53.16 -1.52 13.02	50.37 -1.73 27.73	44.52 -1.46 22.87	78.76 -1.59 0.00	67.32 -1.52 0.00	58.03 -1.35 0.00	49.35 -1.23 0.00	37.12 -0.97 0.00
NM_CAPITAL___DRP 24208	44.63 -0.06 0.00	37.06 0.01 0.00	34.18 0.15 0.00	35.97 0.12 0.00	36.16 0.17 0.00	35.13 0.10 0.00	38.18 -0.03 0.00	43.84 -0.01 0.00	40.64 -0.03 0.00	35.78 -0.18 2.10	38.90 -0.28 0.79	38.85 -0.43 1.72	41.55 -0.66 1.52	44.32 -0.65 6.22	44.54 -0.50 1.37	52.55 -0.55 0.77	66.82 -0.87 0.00	79.25 -0.58 0.00	68.53 -0.32 0.00	79.62 -0.73 0.00	68.32 -0.52 0.00	58.87 -0.51 0.00	50.21 -0.37 0.00	37.86 -0.22 0.00
NM_CENTRAL___DRP 24181	44.22 -0.47 0.00	36.57 -0.48 0.00	33.53 -0.50 0.00	35.35 -0.50 0.00	35.47 -0.52 0.00	34.56 -0.47 0.00	37.77 -0.44 0.00	43.26 -0.58 0.00	40.13 -0.53 0.00	37.69 -0.37 0.00	39.76 -0.22 0.00	40.86 -0.14 0.00	43.64 -0.09 0.00	51.22 -0.03 -0.07	46.41 -0.01 0.00	54.01 0.05 -0.10	69.16 0.22 -1.24	82.92 0.44 -2.65	71.45 0.41 -2.19	80.91 0.57 0.00	69.09 0.25 0.00	59.46 0.08 0.00	50.49 -0.09 0.00	37.91 -0.18 0.00

NM_FRONTIER___DRP 24179	44.56 -0.13 0.00	36.60 -0.45 0.00	33.24 -0.79 0.00	35.43 -0.42 0.00	35.36 -0.63 0.00	34.48 -0.55 0.00	37.78 -0.43 0.00	42.68 -1.17 0.00	39.93 -0.73 0.00	38.67 0.61 0.00	41.78 1.81 0.00	43.18 2.18 0.00	46.49 2.76 0.00	53.99 2.81 0.00	48.23 1.81 0.00	55.91 2.05 0.00	70.71 3.01 0.00	82.10 2.28 0.00	70.10 1.25 0.00	81.97 1.62 0.00	69.38 0.54 0.00	60.34 0.96 0.00	51.39 0.81 0.00	38.88 0.79 0.00
NM_ST_REGIS___HYD 24053	46.48 1.79 0.00	38.63 1.58 0.00	35.36 1.33 0.00	37.21 1.36 0.00	37.37 1.37 0.00	36.41 1.37 0.00	39.79 1.58 0.00	45.80 1.95 0.00	42.47 1.80 0.00	39.66 1.60 0.00	41.29 1.32 0.00	42.43 1.43 0.00	45.48 1.75 0.00	53.14 1.95 0.00	48.00 1.58 0.00	55.66 1.80 0.00	69.67 1.98 0.00	80.34 0.51 0.00	69.21 0.36 0.00	81.35 1.00 0.00	70.16 1.32 0.00	61.01 1.63 0.00	52.11 1.53 0.00	39.35 1.26 0.00
NORTHPORT___1 23551	43.75 -0.53 0.41	37.31 0.26 0.00	34.33 0.30 0.00	36.19 0.34 0.00	36.34 0.34 0.00	35.46 0.43 0.00	38.59 0.38 0.00	44.33 0.48 0.00	41.22 0.55 0.00	41.03 0.52 -2.45	41.72 0.84 -0.91	42.90 -0.10 -2.00	43.13 -0.66 -0.06	42.01 -0.78 8.40	41.71 -0.50 4.20	34.16 -0.82 18.88	27.66 -1.31 38.73	30.50 -0.77 48.56	67.83 -1.02 0.00	77.54 -1.83 0.99	67.20 -1.64 0.00	50.11 -1.54 7.74	43.77 -0.94 5.88	35.55 -0.25 2.29
NORTHPORT___2 23552	43.75 -0.53 0.41	37.31 0.26 0.00	34.33 0.30 0.00	36.19 0.34 0.00	36.34 0.34 0.00	35.46 0.43 0.00	38.59 0.38 0.00	44.33 0.48 0.00	41.22 0.55 0.00	41.03 0.52 -2.45	41.72 0.84 -0.91	42.90 -0.10 -2.00	43.13 -0.66 -0.06	42.01 -0.78 8.40	41.71 -0.50 4.20	34.16 -0.82 18.88	27.66 -1.31 38.73	30.50 -0.77 48.56	67.83 -1.02 0.00	77.54 -1.83 0.99	67.20 -1.64 0.00	50.11 -1.54 7.74	43.77 -0.94 5.88	35.55 -0.25 2.29
NORTHPORT___3 23553	43.59 -0.69 0.40	37.16 0.11 0.00	34.18 0.15 0.00	36.00 0.15 0.00	36.15 0.16 0.00	35.26 0.23 0.00	38.42 0.21 0.00	44.14 0.29 0.00	41.03 0.37 0.00	40.84 0.33 -2.45	41.61 0.73 -0.91	42.77 -0.23 -2.00	42.96 -0.83 -0.07	41.86 -1.02 8.31	41.56 -0.68 4.17	34.02 -1.07 18.77	27.62 -1.57 38.51	30.01 -1.27 48.56	67.42 -1.43 0.00	77.06 -2.31 0.98	66.74 -2.10 0.00	49.75 -1.94 7.70	43.54 -1.19 5.84	35.42 -0.40 2.27
NORTHPORT___4 23650	43.59 -0.69 0.40	37.16 0.11 0.00	34.18 0.15 0.00	36.00 0.15 0.00	36.15 0.16 0.00	35.26 0.23 0.00	38.42 0.21 0.00	44.14 0.29 0.00	41.03 0.37 0.00	40.84 0.33 -2.45	41.61 0.73 -0.91	42.77 -0.23 -2.00	42.96 -0.83 -0.07	41.86 -1.02 8.31	41.56 -0.68 4.17	34.02 -1.07 18.77	27.62 -1.57 38.51	30.01 -1.27 48.56	67.42 -1.43 0.00	77.06 -2.31 0.98	66.74 -2.10 0.00	49.75 -1.94 7.70	43.54 -1.19 5.84	35.42 -0.40 2.27
NORTHPORT___IC 23718	43.75 -0.53 0.41	37.30 0.26 0.00	34.33 0.30 0.00	36.19 0.34 0.00	36.34 0.34 0.00	35.46 0.43 0.00	38.59 0.38 0.00	44.31 0.47 0.00	41.23 0.56 0.00	41.00 0.49 -2.45	41.72 0.84 -0.91	42.91 -0.09 -2.00	43.13 -0.65 -0.06	42.02 -0.76 8.40	41.71 -0.50 4.20	34.16 -0.82 18.88	27.67 -1.30 38.73	30.49 -0.78 48.56	67.83 -1.02 0.00	77.54 -1.83 0.99	67.21 -1.63 0.00	50.10 -1.54 7.74	43.82 -0.88 5.88	35.55 -0.26 2.29
NORTH___COUNTRY_ESR 323785	45.11 0.42 0.00	37.59 0.55 0.00	34.44 0.41 0.00	36.29 0.44 0.00	36.42 0.43 0.00	35.44 0.41 0.00	38.72 0.51 0.00	44.59 0.74 0.00	41.43 0.76 0.00	38.77 0.71 0.00	40.48 0.51 0.00	41.72 0.72 0.00	44.78 1.05 0.00	52.19 1.01 0.00	47.21 0.80 0.00	54.67 0.81 0.00	68.63 0.93 0.00	79.82 -0.01 0.00	68.49 -0.36 0.00	80.17 -0.18 0.00	69.08 0.25 0.00	59.64 0.25 0.00	50.69 0.12 0.00	38.25 0.16 0.00
NPX_GEN_1385_PROXY 323591	43.67 -0.61 0.41	37.39 0.34 0.00	34.42 0.39 0.00	36.54 0.69 0.00	36.77 0.78 0.00	35.94 0.91 0.00	38.65 0.44 0.00	44.02 0.17 0.00	41.24 0.58 0.00	40.78 0.27 -2.45	41.38 0.49 -0.91	42.38 -0.62 -2.00	42.58 -1.20 -0.06	41.52 -1.27 8.40	41.17 -1.04 4.20	34.28 -0.70 18.88	27.80 -1.17 38.73	30.29 -0.98 48.56	69.07 0.22 0.00	96.02 -0.26 -15.93	78.92 -0.29 -10.38	78.54 -0.40 -19.55	44.32 -0.38 5.88	33.51 -0.41 4.17
NPX_GEN_CSC 323557	43.99 -0.30 0.40	37.54 0.50 0.00	34.72 0.69 0.00	36.74 0.89 0.00	36.88 0.89 0.00	36.02 0.98 0.00	39.28 1.08 0.00	45.21 1.36 0.00	41.74 1.08 0.00	41.86 1.35 -2.45	42.09 1.21 -0.91	43.42 0.42 -2.00	43.59 -0.22 -0.08	43.02 0.00 8.16	42.62 0.32 4.11	35.74 0.35 18.47	30.66 -0.47 36.56	84.85 1.48 -3.54	69.62 0.76 0.00	79.60 0.22 0.97	69.19 0.35 0.00	51.57 -0.19 7.62	44.87 0.07 5.78	34.13 0.17 4.14
NSINS_S_GLNS_FALLS 23858	46.80 2.12 0.00	38.67 1.63 0.00	35.67 1.64 0.00	37.39 1.54 0.00	37.59 1.60 0.00	36.65 1.62 0.00	39.82 1.61 0.00	45.67 1.83 0.00	42.17 1.50 0.00	37.04 1.13 2.16	40.01 0.85 0.81	39.96 0.73 1.77	42.69 0.53 1.56	45.60 0.75 6.33	45.91 0.89 1.39	54.46 1.38 0.78	69.72 2.02 0.00	83.00 3.17 0.00	72.45 3.60 0.00	84.36 4.01 0.00	72.33 3.50 0.00	62.15 2.77 0.00	52.68 2.10 0.00	39.72 1.63 0.00
NUCOR_STEEL___DRP 24197	45.04 0.35 0.00	37.25 0.20 0.00	34.00 -0.03 0.00	35.84 -0.01 0.00	36.07 0.07 0.00	35.06 0.03 0.00	38.36 0.15 0.00	43.89 0.05 0.00	40.71 0.04 0.00	38.29 0.23 0.00	40.37 0.39 0.00	41.51 0.51 0.00	44.41 0.68 0.00	52.12 0.83 -0.11	47.21 0.79 0.00	54.76 0.73 -0.16	71.13 1.41 -2.02	85.75 1.62 -4.30	74.24 1.84 -3.55	82.83 2.48 0.00	70.44 1.60 0.00	60.71 1.33 0.00	51.57 0.99 0.00	38.58 0.48 0.00
NUMBER_THREE_WT_PWR 323818	46.47 1.78 0.00	38.87 1.82 0.00	35.62 1.59 0.00	37.04 1.19 0.00	37.30 1.30 0.00	36.39 1.36 0.00	39.90 1.69 0.00	45.81 1.97 0.00	42.46 1.80 0.00	39.89 1.82 0.00	41.76 1.79 0.00	42.57 1.58 0.00	45.20 1.48 0.00	53.12 1.89 -0.04	48.08 1.67 0.00	55.93 2.00 -0.07	71.26 2.73 -0.84	84.79 3.16 -1.79	73.73 3.40 -1.48	85.11 4.76 0.00	73.47 4.63 0.00	63.40 4.02 0.00	53.70 3.12 0.00	39.75 1.66 0.00
NYISO_LBMP_REFERENCE 24008	44.69 0.00 0.00	37.05 0.00 0.00	34.03 0.00 0.00	35.85 0.00 0.00	35.99 0.00 0.00	35.03 0.00 0.00	38.21 0.00 0.00	43.85 0.00 0.00	40.67 0.00 0.00	38.06 0.00 0.00	39.97 0.00 0.00	41.00 0.00 0.00	43.73 0.00 0.00	51.18 0.00 0.00	46.41 0.00 0.00	53.86 0.00 0.00	67.70 0.00 0.00	79.83 0.00 0.00	68.85 0.00 0.00	80.35 0.00 0.00	68.84 0.00 0.00	59.38 0.00 0.00	50.58 0.00 0.00	38.09 0.00 0.00
NYPA_BRENTWD____GT 24164	44.42 0.12 0.39	37.75 0.70 0.00	34.73 0.69 0.00	36.58 0.73 0.00	36.72 0.73 0.00	35.85 0.81 0.00	39.08 0.87 0.00	44.95 1.10 0.00	41.77 1.10 0.00	41.60 1.09 -2.45	42.29 1.40 -0.91	43.58 0.58 -2.00	43.94 0.11 -0.11	43.51 0.19 7.87	42.84 0.43 4.01	36.07 0.32 18.11	31.95 0.17 35.91	77.96 1.12 2.99	68.97 0.12 0.00	79.00 -0.40 0.95	68.50 -0.34 0.00	51.61 -0.29 7.48	45.00 0.09 5.67	36.30 0.42 2.20

NYPA_GOWANUS____GT5 24156	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.81 1.11 0.00	81.59 1.76 0.00	69.99 1.13 0.00	81.10 0.75 0.00	69.32 0.48 0.00	59.93 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NYPA_GOWANUS____GT6 24157	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.67 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.05 1.21 0.00	41.91 1.24 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.24 1.24 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.32 1.31 -1.59	55.81 1.06 -0.89	68.81 1.11 0.00	81.59 1.76 0.00	69.99 1.13 0.00	81.10 0.75 0.00	69.32 0.48 0.00	59.93 0.55 0.00	51.77 1.19 0.00	39.25 1.16 0.00
NYPA_HARLEM__RVR__GT1 24160	45.55 0.86 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.87 1.03 0.00	41.83 1.17 0.00	41.54 1.03 -2.45	42.06 1.17 -0.91	44.06 1.06 -2.00	46.31 0.81 -1.77	59.36 0.95 -7.22	49.11 1.10 -1.59	55.56 0.80 -0.89	68.45 0.76 0.00	81.24 1.41 0.00	69.61 0.76 0.00	80.70 0.35 0.00	68.97 0.14 0.00	59.69 0.30 0.00	51.54 0.96 0.00	39.14 1.05 0.00
NYPA_HARLEM__RVR__GT2 24161	45.55 0.86 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.87 1.03 0.00	41.83 1.17 0.00	41.54 1.03 -2.45	42.06 1.17 -0.91	44.06 1.06 -2.00	46.31 0.81 -1.77	59.36 0.95 -7.22	49.11 1.10 -1.59	55.56 0.80 -0.89	68.45 0.76 0.00	81.24 1.41 0.00	69.61 0.76 0.00	80.70 0.35 0.00	68.97 0.14 0.00	59.69 0.30 0.00	51.54 0.96 0.00	39.14 1.05 0.00
NYPA_KENT____GT 24152	45.62 0.94 0.00	37.84 0.79 0.00	34.73 0.70 0.00	36.49 0.64 0.00	36.69 0.70 0.00	35.77 0.73 0.00	39.13 0.92 0.00	45.02 1.17 0.00	41.89 1.22 0.00	41.64 1.13 -2.45	42.20 1.32 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.29 1.28 -1.59	55.81 1.06 -0.89	68.79 1.10 0.00	81.60 1.78 0.00	69.97 1.12 0.00	81.09 0.73 0.00	69.26 0.42 0.00	59.87 0.48 0.00	51.67 1.09 0.00	39.18 1.08 0.00
NYPA_POUCH1____GT 24155	45.55 0.87 0.00	37.82 0.77 0.00	34.70 0.67 0.00	36.48 0.63 0.00	36.67 0.67 0.00	35.74 0.71 0.00	39.11 0.90 0.00	44.96 1.12 0.00	41.76 1.09 0.00	41.48 0.97 -2.45	42.02 1.13 -0.91	44.04 1.04 -2.00	46.25 0.75 -1.77	59.25 0.85 -7.22	49.13 1.13 -1.59	55.54 0.79 -0.89	68.54 0.85 0.00	81.26 1.43 0.00	69.85 1.00 0.00	80.93 0.58 0.00	69.15 0.32 0.00	59.81 0.43 0.00	51.70 1.11 0.00	39.25 1.16 0.00
NYPA_VERNON____GT2 24162	45.59 0.90 0.00	37.80 0.75 0.00	34.70 0.67 0.00	36.46 0.61 0.00	36.66 0.66 0.00	35.73 0.70 0.00	39.10 0.89 0.00	44.98 1.13 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.19 1.30 -0.91	44.22 1.22 -2.00	46.48 0.99 -1.77	59.54 1.13 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.80 1.11 0.00	81.59 1.76 0.00	69.93 1.07 0.00	81.02 0.67 0.00	69.19 0.36 0.00	59.79 0.41 0.00	51.57 1.00 0.00	39.09 0.99 0.00
NYPA_VERNON____GT3 24163	45.59 0.90 0.00	37.80 0.75 0.00	34.70 0.67 0.00	36.46 0.61 0.00	36.66 0.66 0.00	35.73 0.70 0.00	39.10 0.89 0.00	44.98 1.13 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.19 1.30 -0.91	44.22 1.22 -2.00	46.48 0.99 -1.77	59.54 1.13 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.80 1.11 0.00	81.59 1.76 0.00	69.93 1.07 0.00	81.02 0.67 0.00	69.19 0.36 0.00	59.79 0.41 0.00	51.57 1.00 0.00	39.09 0.99 0.00
NYPA__ASTORIA_CC1 323568	45.53 0.84 0.00	37.76 0.71 0.00	34.67 0.64 0.00	36.42 0.57 0.00	36.62 0.62 0.00	35.70 0.66 0.00	39.06 0.85 0.00	44.93 1.09 0.00	41.83 1.16 0.00	41.59 1.08 -2.45	42.14 1.26 -0.91	44.17 1.17 -2.00	46.43 0.94 -1.77	59.47 1.06 -7.22	49.22 1.21 -1.59	55.73 0.98 -0.89	68.70 1.01 0.00	81.48 1.65 0.00	69.82 0.96 0.00	80.87 0.52 0.00	69.10 0.27 0.00	59.70 0.31 0.00	51.50 0.92 0.00	39.05 0.96 0.00
NYPA__ASTORIA_CC2 323569	45.53 0.84 0.00	37.76 0.71 0.00	34.67 0.64 0.00	36.42 0.57 0.00	36.62 0.62 0.00	35.70 0.66 0.00	39.06 0.85 0.00	44.93 1.09 0.00	41.83 1.16 0.00	41.59 1.08 -2.45	42.14 1.26 -0.91	44.17 1.17 -2.00	46.43 0.94 -1.77	59.47 1.06 -7.22	49.22 1.21 -1.59	55.73 0.98 -0.89	68.70 1.01 0.00	81.48 1.65 0.00	69.82 0.96 0.00	80.87 0.52 0.00	69.10 0.27 0.00	59.70 0.31 0.00	51.50 0.92 0.00	39.05 0.96 0.00
NYPA__HOLTSVILL 23794	44.03 -0.26 0.40	37.45 0.40 0.00	34.51 0.48 0.00	36.39 0.53 0.00	36.53 0.53 0.00	35.66 0.63 0.00	38.88 0.67 0.00	44.73 0.88 0.00	41.50 0.83 0.00	41.42 0.91 -2.45	41.97 1.09 -0.91	43.29 0.28 -2.00	43.59 -0.21 -0.08	42.86 -0.14 8.18	42.42 0.12 4.12	35.41 0.05 18.50	30.73 -0.36 36.61	84.10 0.69 -3.58	68.91 0.06 0.00	78.79 -0.59 0.97	68.30 -0.54 0.00	51.10 -0.65 7.63	44.56 -0.23 5.79	36.01 0.17 2.25
NYPA____HELLGATE_GT1 24158	45.55 0.86 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.87 1.03 0.00	41.83 1.17 0.00	41.54 1.03 -2.45	42.06 1.17 -0.91	44.06 1.06 -2.00	46.31 0.81 -1.77	59.36 0.95 -7.22	49.11 1.10 -1.59	55.56 0.80 -0.89	68.45 0.76 0.00	81.24 1.41 0.00	69.61 0.76 0.00	80.70 0.35 0.00	68.97 0.14 0.00	59.69 0.30 0.00	51.54 0.96 0.00	39.14 1.05 0.00
NYPA____HELLGATE_GT2 24159	45.55 0.86 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.42 0.57 0.00	36.64 0.65 0.00	35.69 0.66 0.00	39.07 0.86 0.00	44.87 1.03 0.00	41.83 1.17 0.00	41.54 1.03 -2.45	42.06 1.17 -0.91	44.06 1.06 -2.00	46.31 0.81 -1.77	59.36 0.95 -7.22	49.11 1.10 -1.59	55.56 0.80 -0.89	68.45 0.76 0.00	81.24 1.41 0.00	69.61 0.76 0.00	80.70 0.35 0.00	68.97 0.14 0.00	59.69 0.30 0.00	51.54 0.96 0.00	39.14 1.05 0.00
NYS_BARGE__HYD 23848	45.30 0.61 0.00	37.15 0.11 0.00	33.72 -0.31 0.00	35.94 0.09 0.00	35.86 -0.14 0.00	35.00 -0.03 0.00	38.39 0.18 0.00	43.33 -0.52 0.00	40.56 -0.10 0.00	39.16 1.09 0.00	42.27 2.30 0.00	43.69 2.69 0.00	47.14 3.42 0.00	54.81 3.62 0.00	49.07 2.66 0.00	57.24 3.37 0.00	72.43 4.73 0.00	84.29 4.46 0.00	71.88 3.03 0.00	84.09 3.74 0.00	71.15 2.31 0.00	61.61 2.22 0.00	52.38 1.80 0.00	39.64 1.55 0.00
OAK_ORCHARD__HYD 24046	45.37 0.68 0.00	37.36 0.31 0.00	34.08 0.05 0.00	36.09 0.24 0.00	36.14 0.15 0.00	35.25 0.21 0.00	38.60 0.39 0.00	43.95 0.11 0.00	40.94 0.27 0.00	38.92 0.86 0.00	41.53 1.56 0.00	42.86 1.86 0.00	46.01 2.29 0.00	53.83 2.64 0.00	48.57 2.15 0.00	56.56 2.70 0.00	71.72 4.03 0.00	84.12 4.29 0.00	72.25 3.40 0.00	84.50 4.15 0.00	71.72 2.88 0.00	61.82 2.44 0.00	52.42 1.84 0.00	39.46 1.38 0.00

OAKDALE___35_KV_LOAD 356122	44.76 0.08 0.00	36.99 -0.06 0.00	33.89 -0.13 0.00	35.81 -0.04 0.00	35.89 -0.10 0.00	35.00 -0.03 0.00	38.30 0.08 0.00	43.80 -0.05 0.00	40.63 -0.04 0.00	38.24 0.18 0.00	40.46 0.48 0.00	41.48 0.48 0.00	44.38 0.65 0.00	51.97 0.73 -0.05	47.04 0.63 0.00	54.74 0.81 -0.07	69.64 1.05 -0.89	83.15 1.42 -1.90	71.52 1.10 -1.56	81.90 1.55 0.00	69.85 1.01 0.00	60.13 0.75 0.00	51.07 0.49 0.00	38.36 0.27 0.00
OCC_CHEM___DRP 24175	44.66 -0.03 0.00	36.67 -0.38 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.34 0.00	42.77 -1.08 0.00	40.03 -0.64 0.00	38.77 0.71 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.61 2.89 0.00	54.14 2.96 0.00	48.37 1.95 0.00	56.10 2.24 0.00	70.94 3.25 0.00	82.36 2.53 0.00	70.31 1.46 0.00	82.24 1.89 0.00	69.58 0.74 0.00	60.50 1.12 0.00	51.51 0.93 0.00	38.97 0.88 0.00
OH_GEN_PROXY 24063	44.73 0.04 0.00	36.74 -0.31 0.00	33.39 -0.64 0.00	35.59 -0.26 0.00	35.53 -0.46 0.00	34.64 -0.39 0.00	37.98 -0.23 0.00	42.90 -0.94 0.00	40.19 -0.48 0.00	38.79 0.73 0.00	41.90 1.93 0.00	43.27 2.27 0.00	46.57 2.84 0.00	54.15 2.96 0.00	48.45 2.04 0.00	55.13 2.53 1.26	71.26 3.56 0.00	82.89 3.06 0.00	70.79 1.94 0.00	82.94 2.59 0.00	70.21 1.37 0.00	60.74 1.36 0.00	51.59 1.01 0.00	37.12 0.92 1.89
OLIN_CORP_DRP 24177	44.67 -0.02 0.00	36.67 -0.37 0.00	33.30 -0.73 0.00	35.50 -0.35 0.00	35.42 -0.57 0.00	34.56 -0.48 0.00	37.90 -0.32 0.00	42.78 -1.07 0.00	40.00 -0.67 0.00	38.73 0.67 0.00	41.82 1.85 0.00	43.22 2.22 0.00	46.61 2.88 0.00	54.11 2.92 0.00	48.44 2.03 0.00	56.47 2.61 0.00	71.45 3.76 0.00	83.03 3.20 0.00	70.80 1.95 0.00	82.75 2.40 0.00	70.03 1.19 0.00	60.70 1.32 0.00	51.59 1.01 0.00	39.11 1.02 0.00
OLIN_CORP_DSASP 323712	44.65 -0.03 0.00	36.67 -0.37 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.35 0.00	42.72 -1.12 0.00	40.05 -0.62 0.00	38.73 0.67 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.62 2.89 0.00	54.15 2.97 0.00	48.35 1.94 0.00	56.11 2.25 0.00	70.95 3.25 0.00	82.37 2.54 0.00	70.29 1.44 0.00	82.23 1.88 0.00	69.59 0.75 0.00	60.50 1.11 0.00	51.51 0.93 0.00	38.97 0.88 0.00
ONEIDA_HERK_LFGE 323681	46.11 1.42 0.00	38.35 1.31 0.00	35.17 1.14 0.00	36.85 1.00 0.00	37.02 1.03 0.00	36.10 1.07 0.00	39.50 1.29 0.00	45.30 1.46 0.00	42.05 1.38 0.00	39.41 1.34 0.00	41.36 1.39 0.00	42.19 1.19 0.00	44.89 1.17 0.00	52.72 1.51 -0.03	47.83 1.42 0.00	55.62 1.72 -0.04	70.51 2.35 -0.47	83.71 2.88 -1.00	72.64 2.96 -0.82	84.16 3.81 0.00	72.28 3.45 0.00	62.27 2.89 0.00	52.82 2.24 0.00	39.40 1.31 0.00
ONEIDA___115KV_TB4 55905	46.01 1.32 0.00	38.12 1.07 0.00	34.95 0.92 0.00	36.78 0.93 0.00	36.89 0.90 0.00	35.99 0.96 0.00	39.37 1.16 0.00	45.08 1.23 0.00	41.83 1.16 0.00	39.15 1.08 0.00	41.18 1.21 0.00	41.98 0.98 0.00	44.77 1.04 0.00	52.65 1.43 -0.04	47.79 1.38 0.00	55.59 1.67 -0.05	70.78 2.41 -0.68	84.30 3.03 -1.44	73.12 3.08 -1.19	84.18 3.83 0.00	72.05 3.21 0.00	61.95 2.57 0.00	52.52 1.94 0.00	39.33 1.24 0.00
ONONDAGA_REF_OCCRA 23987	44.54 -0.14 0.00	36.83 -0.22 0.00	33.77 -0.26 0.00	35.61 -0.24 0.00	35.72 -0.27 0.00	34.80 -0.23 0.00	38.06 -0.15 0.00	43.59 -0.26 0.00	40.41 -0.26 0.00	37.94 -0.13 0.00	39.99 0.02 0.00	41.09 0.09 0.00	43.89 0.16 0.00	51.55 0.29 -0.08	46.70 0.29 0.00	54.38 0.40 -0.12	69.85 0.67 -1.49	84.02 1.02 -3.17	72.43 0.96 -2.61	81.59 1.24 0.00	69.68 0.84 0.00	59.94 0.56 0.00	50.89 0.31 0.00	38.20 0.11 0.00
ONONDAGA___COGEN 23986	44.52 -0.17 0.00	36.82 -0.22 0.00	33.75 -0.28 0.00	35.58 -0.27 0.00	35.72 -0.27 0.00	34.79 -0.24 0.00	38.04 -0.17 0.00	43.57 -0.28 0.00	40.37 -0.30 0.00	37.90 -0.17 0.00	39.95 -0.02 0.00	41.07 0.07 0.00	43.88 0.16 0.00	51.58 0.28 -0.12	46.69 0.27 0.00	54.38 0.34 -0.18	70.56 0.61 -2.25	85.52 0.90 -4.80	73.72 0.91 -3.96	81.53 1.18 0.00	69.59 0.75 0.00	59.89 0.51 0.00	50.86 0.28 0.00	38.17 0.08 0.00
ONTARIO___LFGE 23819	45.34 0.65 0.00	37.44 0.39 0.00	34.18 0.15 0.00	36.17 0.32 0.00	36.24 0.25 0.00	35.40 0.37 0.00	38.82 0.61 0.00	44.28 0.44 0.00	41.03 0.36 0.00	38.72 0.66 0.00	41.06 1.09 0.00	42.24 1.24 0.00	45.23 1.51 0.00	52.88 1.65 -0.04	47.91 1.50 0.00	55.75 1.83 -0.06	71.28 2.79 -0.79	84.99 3.47 -1.69	73.45 3.20 -1.40	84.39 4.04 0.00	71.93 3.09 0.00	61.78 2.40 0.00	52.21 1.63 0.00	39.28 1.19 0.00
ORANGEVILLE_WT_PWR 323706	45.00 0.31 0.00	36.88 -0.16 0.00	33.52 -0.52 0.00	35.64 -0.21 0.00	35.54 -0.45 0.00	34.73 -0.30 0.00	38.11 -0.10 0.00	43.14 -0.71 0.00	40.21 -0.45 0.00	38.63 0.56 0.00	41.58 1.61 0.00	43.00 2.00 0.00	46.34 2.62 0.00	54.02 2.83 0.00	48.51 2.09 0.00	56.51 2.65 0.00	71.53 3.83 0.00	83.89 4.06 0.00	71.65 2.80 0.00	84.11 3.75 0.00	71.30 2.46 0.00	61.39 2.01 0.00	51.89 1.31 0.00	38.99 0.90 0.00
ORANGEVILLE___ESR 323794	45.00 0.31 0.00	36.88 -0.16 0.00	33.52 -0.52 0.00	35.64 -0.21 0.00	35.54 -0.45 0.00	34.73 -0.30 0.00	38.11 -0.10 0.00	43.14 -0.71 0.00	40.21 -0.45 0.00	38.63 0.56 0.00	41.58 1.61 0.00	43.00 2.00 0.00	46.34 2.62 0.00	54.02 2.83 0.00	48.51 2.09 0.00	56.51 2.65 0.00	71.53 3.83 0.00	83.89 4.06 0.00	71.65 2.80 0.00	84.11 3.75 0.00	71.30 2.46 0.00	61.39 2.01 0.00	51.89 1.31 0.00	38.99 0.90 0.00
OSWEGATCHIE___HYD 24044	46.60 1.92 0.00	38.82 1.77 0.00	35.54 1.51 0.00	37.19 1.34 0.00	37.41 1.41 0.00	36.48 1.45 0.00	39.94 1.73 0.00	45.89 2.05 0.00	42.55 1.88 0.00	39.81 1.75 0.00	41.54 1.57 0.00	42.50 1.50 0.00	45.33 1.61 0.00	53.13 1.91 -0.04	48.01 1.60 0.00	55.77 1.85 -0.05	70.66 2.26 -0.70	83.01 1.69 -1.49	71.91 1.82 -1.23	83.30 2.95 0.00	71.90 3.06 0.00	62.34 2.95 0.00	53.05 2.47 0.00	39.66 1.57 0.00
OSWEGO___5 23606	43.72 -0.97 0.00	36.19 -0.86 0.00	33.20 -0.83 0.00	34.99 -0.86 0.00	35.12 -0.87 0.00	34.21 -0.82 0.00	37.36 -0.85 0.00	42.79 -1.05 0.00	39.69 -0.98 0.00	37.24 -0.83 0.00	39.24 -0.74 0.00	40.30 -0.70 0.00	43.03 -0.69 0.00	50.89 -0.80 -0.50	45.67 -0.75 0.00	53.77 -0.85 -0.76	76.31 -0.93 -9.55	99.16 -1.02 -20.35	84.80 -0.84 -16.78	79.48 -0.87 0.00	67.93 -0.90 0.00	58.53 -0.85 0.00	49.79 -0.79 0.00	37.42 -0.67 0.00
OSWEGO___6 23613	43.72 -0.97 0.00	36.19 -0.86 0.00	33.20 -0.83 0.00	34.99 -0.86 0.00	35.12 -0.87 0.00	34.21 -0.82 0.00	37.36 -0.85 0.00	42.79 -1.05 0.00	39.69 -0.98 0.00	37.24 -0.83 0.00	39.24 -0.74 0.00	40.30 -0.70 0.00	43.03 -0.69 0.00	50.89 -0.80 -0.50	45.67 -0.75 0.00	53.77 -0.85 -0.76	76.31 -0.93 -9.55	99.16 -1.02 -20.35	84.80 -0.84 -16.78	79.48 -0.87 0.00	67.93 -0.90 0.00	58.53 -0.85 0.00	49.79 -0.79 0.00	37.42 -0.67 0.00

OUTOKUMPU-AB___DRP 24206	45.84 1.15 0.00	37.56 0.52 0.00	34.08 0.05 0.00	36.30 0.46 0.00	36.21 0.21 0.00	35.33 0.30 0.00	38.77 0.56 0.00	43.85 0.00 0.00	41.03 0.37 0.00	39.76 1.69 0.00	42.98 3.01 0.00	44.46 3.47 0.00	47.95 4.22 0.00	55.79 4.60 0.00	50.00 3.58 0.00	58.07 4.21 0.00	73.38 5.69 0.00	85.36 5.53 0.00	72.69 3.84 0.00	84.84 4.49 0.00	71.72 2.88 0.00	62.13 2.75 0.00	52.88 2.30 0.00	39.96 1.87 0.00
OXBOW___BTM 323836	45.27 0.58 0.00	37.12 0.08 0.00	33.69 -0.34 0.00	35.90 0.05 0.00	35.81 -0.18 0.00	34.94 -0.10 0.00	38.32 0.11 0.00	43.25 -0.60 0.00	40.57 -0.10 0.00	39.24 1.18 0.00	42.46 2.50 0.00	43.93 2.93 0.00	47.35 3.62 0.00	55.05 3.87 0.00	49.24 2.83 0.00	57.19 3.33 0.00	72.29 4.60 0.00	84.02 4.19 0.00	71.60 2.75 0.00	83.66 3.31 0.00	70.76 1.92 0.00	61.39 2.01 0.00	52.24 1.66 0.00	39.50 1.41 0.00
OXBOW___ 24026	45.27 0.58 0.00	37.12 0.07 0.00	33.69 -0.34 0.00	35.90 0.05 0.00	35.81 -0.18 0.00	34.94 -0.10 0.00	38.32 0.11 0.00	43.30 -0.55 0.00	40.54 -0.13 0.00	39.28 1.22 0.00	42.47 2.50 0.00	43.92 2.92 0.00	47.35 3.62 0.00	55.05 3.86 0.00	49.26 2.84 0.00	57.18 3.32 0.00	72.29 4.60 0.00	84.03 4.20 0.00	71.62 2.77 0.00	83.66 3.31 0.00	70.75 1.91 0.00	61.38 2.00 0.00	52.24 1.67 0.00	39.50 1.41 0.00
OXY_CHEM_DSASP 323612	44.66 -0.03 0.00	36.67 -0.38 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.34 0.00	42.77 -1.08 0.00	40.03 -0.64 0.00	38.77 0.71 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.61 2.89 0.00	54.14 2.96 0.00	48.37 1.95 0.00	56.10 2.24 0.00	70.94 3.25 0.00	82.36 2.53 0.00	70.31 1.46 0.00	82.24 1.89 0.00	69.58 0.74 0.00	60.50 1.12 0.00	51.51 0.93 0.00	38.97 0.88 0.00
OZONE_PARK_ESR 323760	46.02 1.33 0.00	38.13 1.08 0.00	34.97 0.94 0.00	36.75 0.90 0.00	36.93 0.94 0.00	36.02 0.98 0.00	39.40 1.18 0.00	45.36 1.52 0.00	42.19 1.52 0.00	41.94 1.43 -2.45	42.54 1.66 -0.91	44.59 1.59 -2.00	46.89 1.40 -1.77	60.02 1.62 -7.22	49.68 1.67 -1.59	56.52 1.77 -0.89	69.59 1.90 0.00	82.50 2.67 0.00	70.75 1.90 0.00	81.97 1.63 0.00	70.09 1.26 0.00	60.48 1.09 0.00	52.00 1.42 0.00	39.35 1.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.66 -0.03 0.00	36.67 -0.38 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.34 0.00	42.77 -1.08 0.00	40.03 -0.64 0.00	38.77 0.71 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.61 2.89 0.00	54.14 2.96 0.00	48.37 1.95 0.00	56.10 2.24 0.00	70.94 3.25 0.00	82.36 2.53 0.00	70.31 1.46 0.00	82.24 1.89 0.00	69.58 0.74 0.00	60.50 1.12 0.00	51.51 0.93 0.00	38.97 0.88 0.00
PACKARD__115KV_DUPONT_184 80571	44.66 -0.03 0.00	36.67 -0.38 0.00	33.31 -0.72 0.00	35.51 -0.33 0.00	35.44 -0.55 0.00	34.55 -0.48 0.00	37.87 -0.34 0.00	42.77 -1.08 0.00	40.03 -0.64 0.00	38.77 0.71 0.00	41.89 1.92 0.00	43.29 2.29 0.00	46.61 2.89 0.00	54.14 2.96 0.00	48.37 1.95 0.00	56.10 2.24 0.00	70.94 3.25 0.00	82.36 2.53 0.00	70.31 1.46 0.00	82.24 1.89 0.00	69.58 0.74 0.00	60.50 1.12 0.00	51.51 0.93 0.00	38.97 0.88 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.56 0.87 0.00	37.77 0.72 0.00	34.66 0.63 0.00	36.43 0.58 0.00	36.65 0.66 0.00	35.71 0.67 0.00	39.08 0.87 0.00	44.90 1.05 0.00	41.84 1.17 0.00	41.53 1.02 -2.45	42.08 1.20 -0.91	44.08 1.09 -2.00	46.35 0.85 -1.77	59.41 1.00 -7.22	49.16 1.15 -1.59	55.68 0.92 -0.89	68.69 0.99 0.00	81.54 1.71 0.00	69.84 0.99 0.00	80.94 0.59 0.00	69.18 0.34 0.00	59.83 0.44 0.00	51.55 0.97 0.00	39.09 1.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.78 2.10 0.00	38.72 1.67 0.00	35.58 1.54 0.00	37.42 1.57 0.00	37.67 1.68 0.00	36.74 1.70 0.00	40.19 1.98 0.00	46.18 2.33 0.00	42.99 2.33 0.00	42.62 2.11 -2.45	43.22 2.33 -0.91	45.18 2.18 -2.00	47.50 2.01 -1.77	60.71 2.30 -7.22	50.32 2.32 -1.59	57.04 2.29 -0.89	70.45 2.75 0.00	83.69 3.86 0.00	71.62 2.76 0.00	82.96 2.60 0.00	70.83 1.99 0.00	61.28 1.89 0.00	52.80 2.22 0.00	40.07 1.97 0.00
PATROON__115KV_TB1 80586	44.71 0.02 0.00	37.11 0.06 0.00	34.22 0.19 0.00	36.01 0.16 0.00	36.18 0.19 0.00	35.17 0.13 0.00	38.25 0.04 0.00	43.92 0.08 0.00	40.73 0.06 0.00	36.01 -0.10 1.95	39.06 -0.18 0.73	39.09 -0.31 1.60	41.81 -0.50 1.41	44.97 -0.45 5.77	44.84 -0.30 1.27	52.85 -0.30 0.71	67.17 -0.53 0.00	79.70 -0.13 0.00	68.87 0.02 0.00	80.04 -0.31 0.00	68.65 -0.19 0.00	59.14 -0.24 0.00	50.41 -0.18 0.00	37.98 -0.11 0.00
PATTRSNVILLE___SOLAR 323815	45.79 1.11 0.00	37.93 0.88 0.00	34.88 0.85 0.00	36.71 0.86 0.00	36.86 0.87 0.00	35.89 0.86 0.00	39.13 0.92 0.00	44.77 0.92 0.00	41.21 0.55 0.00	36.72 0.27 1.61	39.44 0.07 0.60	39.67 -0.01 1.32	42.43 -0.13 1.17	46.48 -0.01 4.69	45.46 0.07 1.03	53.40 0.11 0.58	68.00 0.31 0.00	80.73 0.90 0.00	70.20 1.35 0.00	82.28 1.93 0.00	70.68 1.85 0.00	60.89 1.51 0.00	51.86 1.27 0.00	39.03 0.94 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.40 1.71 0.00	38.00 0.95 0.00	34.46 0.42 0.00	36.68 0.83 0.00	36.56 0.57 0.00	35.71 0.67 0.00	39.22 1.01 0.00	44.39 0.54 0.00	41.60 0.93 0.00	40.30 2.24 0.00	43.61 3.64 0.00	45.15 4.15 0.00	48.74 5.01 0.00	56.85 5.66 0.00	51.04 4.63 0.00	59.55 5.68 0.00	75.42 7.72 0.00	87.91 8.08 0.00	73.75 4.90 0.00	85.19 4.84 0.00	72.03 3.20 0.00	62.16 2.78 0.00	52.63 2.05 0.00	39.67 1.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.81 1.12 0.00	37.94 0.90 0.00	34.86 0.82 0.00	36.65 0.80 0.00	36.83 0.83 0.00	35.89 0.86 0.00	39.20 0.99 0.00	45.13 1.28 0.00	41.91 1.24 0.00	41.34 1.12 -2.17	42.09 1.31 -0.81	44.01 1.24 -1.77	46.38 1.09 -1.57	58.94 1.37 -6.39	49.28 1.46 -1.41	56.25 1.61 -0.79	69.55 1.85 0.00	82.53 2.70 0.00	70.91 2.05 0.00	82.23 1.88 0.00	70.25 1.41 0.00	60.49 1.10 0.00	51.80 1.22 0.00	39.09 1.00 0.00
PEEKSKILL___ 23653	45.40 0.71 0.00	37.62 0.57 0.00	34.55 0.52 0.00	36.34 0.49 0.00	36.52 0.53 0.00	35.60 0.56 0.00	38.88 0.67 0.00	44.75 0.90 0.00	41.52 0.85 0.00	41.22 0.76 -2.40	41.78 0.91 -0.90	43.76 0.80 -1.97	46.03 0.57 -1.74	59.01 0.74 -7.09	48.85 0.87 -1.56	55.61 0.88 -0.87	68.53 0.84 0.00	81.27 1.44 0.00	69.78 0.93 0.00	80.92 0.57 0.00	69.23 0.39 0.00	59.69 0.31 0.00	51.24 0.66 0.00	38.74 0.65 0.00
PGE MADISON___WINDPWR 24146	47.62 2.93 0.00	39.34 2.29 0.00	36.04 2.02 0.00	38.08 2.24 0.00	38.24 2.25 0.00	37.43 2.39 0.00	41.08 2.87 0.00	46.92 3.08 0.00	43.49 2.82 0.00	40.85 2.79 0.00	42.76 2.79 0.00	43.70 2.70 0.00	46.90 3.17 0.00	54.98 3.75 -0.05	49.89 3.48 0.00	58.08 4.14 -0.07	74.06 5.43 -0.95	88.90 7.05 -2.01	77.34 6.83 -1.66	88.90 8.55 0.00	75.94 7.10 0.00	64.88 5.50 0.00	54.64 4.07 0.00	40.78 2.69 0.00

PIERCEFIELD___HYD 23852	46.58 1.89 0.00	38.71 1.66 0.00	35.43 1.40 0.00	37.28 1.43 0.00	37.44 1.44 0.00	36.48 1.45 0.00	39.87 1.66 0.00	45.87 2.02 0.00	42.53 1.86 0.00	39.69 1.63 0.00	41.31 1.34 0.00	42.41 1.41 0.00	45.46 1.73 0.00	53.15 1.95 -0.02	47.98 1.56 0.00	55.65 1.76 -0.03	69.94 1.89 -0.35	80.85 0.27 -0.74	69.66 0.20 -0.62	81.22 0.87 0.00	70.02 1.18 0.00	61.00 1.62 0.00	52.17 1.59 0.00	39.42 1.33 0.00
PINELAWN_CC_1 323563	44.43 0.10 0.35	37.62 0.57 0.00	34.56 0.53 0.00	36.39 0.53 0.00	36.54 0.54 0.00	35.67 0.63 0.00	38.89 0.68 0.00	44.77 0.92 0.00	41.61 0.94 0.00	41.40 0.89 -2.45	42.11 1.22 -0.91	43.48 0.48 -2.00	43.79 -0.21 -0.27	44.40 -0.39 6.40	42.83 -0.12 3.47	37.26 -0.33 16.27	34.65 -0.68 32.36	78.24 -0.31 1.29	68.16 -0.70 0.00	78.13 -1.36 0.86	67.85 -0.99 0.00	51.83 -0.81 6.75	45.55 0.05 5.09	36.49 0.37 1.98
PJM_GEN_HTP_PROXY 323702	45.53 0.84 0.00	37.74 0.69 0.00	34.64 0.61 0.00	36.43 0.58 0.00	36.59 0.60 0.00	35.68 0.65 0.00	39.01 0.80 0.00	44.92 1.08 0.00	41.75 1.09 0.00	41.53 1.03 -2.45	42.10 1.22 -0.91	44.12 1.12 -2.00	46.44 0.89 -1.83	59.44 1.03 -7.22	49.16 1.15 -1.59	55.88 1.13 -0.89	68.78 1.09 0.00	81.53 1.70 0.00	69.93 1.08 0.00	81.02 0.67 0.00	69.27 0.43 0.00	59.75 0.37 0.00	52.67 0.81 -1.28	38.90 0.81 0.00
PJM_GEN_KEystone 24065	44.85 0.16 0.00	37.01 -0.04 0.00	29.83 -0.20 4.00	36.66 -0.06 -0.88	35.89 -0.10 0.00	35.01 -0.02 0.00	38.35 0.14 0.00	43.82 -0.02 0.00	40.73 0.06 0.00	39.84 0.47 -1.30	41.48 1.02 -0.49	43.15 1.09 -1.07	45.85 1.13 -1.00	56.32 1.29 -3.85	48.25 0.99 -0.85	55.45 1.11 -0.47	68.95 1.25 0.00	81.24 1.41 0.00	69.65 0.80 0.00	81.35 1.00 0.00	69.34 0.51 0.00	59.82 0.43 0.00	52.40 0.53 -1.28	39.87 0.52 -1.26
PJM_GEN_NEPTUNE_PROXY 323594	44.14 -0.12 0.43	37.35 0.30 0.00	34.30 0.27 0.00	36.09 0.24 0.00	36.25 0.26 0.00	35.36 0.33 0.00	38.56 0.35 0.00	44.38 0.53 0.00	41.26 0.59 0.00	41.08 0.57 -2.45	41.76 0.87 -0.91	43.24 0.24 -2.00	43.64 -0.10 -0.01	41.72 -0.11 9.36	42.01 0.15 4.55	33.87 -0.03 19.96	28.12 -0.32 39.25	80.11 0.28 0.00	68.71 0.28 0.00	78.47 0.28 1.04	68.03 -0.15 0.00	50.37 -0.83 8.22	45.31 -0.81 4.98	35.77 -0.29 2.43
PJM_GEN_VFT_PROXY 323633	45.28 0.59 0.00	37.52 0.48 0.00	34.44 0.41 0.00	36.21 0.36 0.00	36.39 0.40 0.00	35.47 0.44 0.00	38.79 0.58 0.00	44.66 0.81 0.00	41.52 0.86 0.00	41.32 0.82 -2.45	41.86 0.98 -0.91	43.88 0.88 -2.00	46.18 0.62 -1.83	59.12 0.72 -7.22	48.87 0.87 -1.59	55.55 0.80 -0.89	68.33 0.63 0.00	81.03 1.21 0.00	69.45 0.59 0.00	80.45 0.10 0.00	68.80 -0.03 0.00	59.38 0.00 0.00	52.40 0.54 -1.28	38.71 0.61 0.00
PLATSBURG_115KV_PMLD1 355749	44.95 0.26 0.00	37.56 0.51 0.00	34.43 0.40 0.00	36.29 0.44 0.00	36.42 0.43 0.00	35.47 0.43 0.00	38.72 0.51 0.00	44.61 0.76 0.00	41.44 0.77 0.00	38.77 0.70 0.00	40.48 0.51 0.00	41.89 0.89 0.00	45.06 1.34 0.00	52.39 1.21 0.00	47.45 1.03 0.00	54.90 1.04 0.00	68.88 1.18 0.00	80.44 0.62 0.00	68.97 0.12 0.00	80.42 0.06 0.00	69.27 0.44 0.00	59.85 0.47 0.00	50.84 0.26 0.00	38.49 0.40 0.00
PLEASANTVLY___LBMP 24000	45.16 0.47 0.00	37.46 0.41 0.00	34.43 0.40 0.00	36.20 0.35 0.00	36.38 0.39 0.00	35.44 0.41 0.00	38.65 0.44 0.00	44.48 0.63 0.00	41.26 0.60 0.00	41.26 0.46 -2.74	41.58 0.59 -1.03	43.70 0.46 -2.24	45.93 0.22 -1.98	59.58 0.30 -8.09	48.65 0.46 -1.78	55.26 0.40 -1.00	67.98 0.29 0.00	80.61 0.78 0.00	69.30 0.45 0.00	80.41 0.06 0.00	68.85 0.02 0.00	59.35 -0.03 0.00	50.88 0.30 0.00	38.45 0.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.45 0.77 0.00	37.70 0.66 0.00	34.62 0.59 0.00	36.42 0.56 0.00	36.61 0.61 0.00	35.67 0.63 0.00	38.93 0.73 0.00	44.83 0.98 0.00	41.63 0.96 0.00	41.39 0.86 -2.47	41.92 1.03 -0.92	43.94 0.92 -2.02	46.23 0.71 -1.79	59.34 0.87 -7.29	49.02 1.00 -1.60	55.76 1.00 -0.90	68.71 1.01 0.00	81.47 1.64 0.00	69.95 1.10 0.00	81.12 0.76 0.00	69.39 0.55 0.00	59.79 0.41 0.00	51.32 0.74 0.00	38.79 0.70 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.45 0.77 0.00	37.70 0.66 0.00	34.62 0.59 0.00	36.42 0.56 0.00	36.61 0.61 0.00	35.67 0.63 0.00	38.93 0.73 0.00	44.83 0.98 0.00	41.63 0.96 0.00	41.39 0.86 -2.47	41.92 1.03 -0.92	43.94 0.92 -2.02	46.23 0.71 -1.79	59.34 0.87 -7.29	49.02 1.00 -1.60	55.76 1.00 -0.90	68.71 1.01 0.00	81.47 1.64 0.00	69.95 1.10 0.00	81.12 0.76 0.00	69.39 0.55 0.00	59.79 0.41 0.00	51.32 0.74 0.00	38.79 0.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.61 0.92 0.00	37.78 0.73 0.00	34.71 0.68 0.00	36.49 0.64 0.00	36.67 0.68 0.00	35.73 0.70 0.00	38.98 0.77 0.00	44.87 1.03 0.00	41.65 0.99 0.00	38.89 0.82 0.00	40.93 0.96 0.00	41.85 0.85 0.00	44.41 0.68 0.00	52.07 0.89 0.00	47.40 0.98 0.00	54.92 1.06 0.00	68.96 1.27 0.00	81.86 2.02 0.00	70.37 1.52 0.00	81.68 1.33 0.00	69.84 1.00 0.00	60.15 0.76 0.00	51.47 0.89 0.00	38.83 0.74 0.00
POLETTI_____ 23519	45.43 0.74 0.00	37.65 0.60 0.00	34.57 0.53 0.00	36.33 0.48 0.00	36.50 0.51 0.00	35.60 0.57 0.00	38.91 0.70 0.00	44.80 0.95 0.00	41.66 1.00 0.00	41.44 0.93 -2.45	42.00 1.12 -0.91	44.01 1.01 -2.00	46.27 0.77 -1.77	59.30 0.89 -7.22	49.02 1.02 -1.59	55.72 0.97 -0.89	68.56 0.87 0.00	81.29 1.46 0.00	69.72 0.86 0.00	80.73 0.38 0.00	69.04 0.20 0.00	59.56 0.17 0.00	51.26 0.68 0.00	38.81 0.72 0.00
POMONA___ESR 323819	45.52 0.83 0.00	37.70 0.65 0.00	34.60 0.57 0.00	36.40 0.55 0.00	36.58 0.59 0.00	35.65 0.62 0.00	38.94 0.73 0.00	44.83 0.98 0.00	41.57 0.90 0.00	41.15 0.80 -2.29	41.77 0.94 -0.85	43.74 0.87 -1.87	46.03 0.65 -1.66	58.83 0.88 -6.76	48.89 0.99 -1.49	55.75 1.06 -0.83	68.77 1.08 0.00	81.54 1.71 0.00	69.98 1.13 0.00	81.16 0.80 0.00	69.40 0.56 0.00	59.83 0.44 0.00	51.34 0.76 0.00	38.79 0.69 0.00
PORT_JEFF_3 23555	44.16 -0.13 0.40	37.55 0.51 0.00	34.60 0.57 0.00	36.47 0.62 0.00	36.61 0.62 0.00	35.76 0.73 0.00	38.98 0.77 0.00	44.86 1.01 0.00	41.62 0.95 0.00	41.54 1.03 -2.45	42.10 1.22 -0.91	43.43 0.43 -2.00	43.75 -0.06 -0.08	43.08 0.05 8.16	42.63 0.33 4.11	35.68 0.29 18.47	31.07 -0.06 36.57	84.40 0.99 -3.58	69.11 0.26 0.00	78.98 -0.40 0.97	68.50 -0.34 0.00	51.34 -0.42 7.62	44.73 -0.06 5.78	36.12 0.28 2.25
PORT_JEFF_4 23616	44.16 -0.13 0.40	37.55 0.51 0.00	34.60 0.57 0.00	36.47 0.62 0.00	36.61 0.62 0.00	35.76 0.73 0.00	38.98 0.77 0.00	44.86 1.01 0.00	41.62 0.95 0.00	41.54 1.03 -2.45	42.10 1.22 -0.91	43.43 0.43 -2.00	43.75 -0.06 -0.08	43.08 0.05 8.16	42.63 0.33 4.11	35.68 0.29 18.47	31.07 -0.06 36.57	84.40 0.99 -3.58	69.11 0.26 0.00	78.98 -0.40 0.97	68.50 -0.34 0.00	51.34 -0.42 7.62	44.73 -0.06 5.78	36.12 0.28 2.25

PORT_JEFF_IC 23713	44.19 -0.10 0.40	37.58 0.53 0.00	34.62 0.58 0.00	36.51 0.66 0.00	36.65 0.65 0.00	35.80 0.77 0.00	39.02 0.81 0.00	44.89 1.04 0.00	41.66 0.99 0.00	41.57 1.06 -2.45	42.15 1.27 -0.91	43.50 0.50 -2.00	43.82 0.01 -0.09	43.25 0.16 8.10	42.76 0.43 4.09	35.89 0.43 18.40	31.34 0.12 36.47	84.51 1.01 -3.67	69.00 0.15 0.00	78.86 -0.53 0.97	68.45 -0.38 0.00	51.47 -0.32 7.59	44.87 0.05 5.76	36.17 0.31 2.24
PPL PILGRIM_ST_GT1 24216	44.42 0.12 0.39	37.75 0.70 0.00	34.73 0.69 0.00	36.58 0.73 0.00	36.72 0.73 0.00	35.85 0.81 0.00	39.08 0.87 0.00	44.95 1.10 0.00	41.77 1.10 0.00	41.60 1.09 -2.45	42.29 1.40 -0.91	43.58 0.58 -2.00	43.94 0.11 -0.11	43.51 0.19 7.87	42.84 0.43 4.01	36.07 0.32 18.11	31.95 0.17 35.91	77.96 1.12 2.99	68.97 0.12 0.00	79.00 -0.40 0.95	68.50 -0.34 0.00	51.61 -0.29 7.48	45.00 0.09 5.67	36.30 0.42 2.20
PPL PILGRIM_ST_GT2 24217	44.42 0.12 0.39	37.75 0.70 0.00	34.73 0.69 0.00	36.58 0.73 0.00	36.72 0.73 0.00	35.85 0.81 0.00	39.08 0.87 0.00	44.95 1.10 0.00	41.77 1.10 0.00	41.60 1.09 -2.45	42.29 1.40 -0.91	43.58 0.58 -2.00	43.94 0.11 -0.11	43.51 0.19 7.87	42.84 0.43 4.01	36.07 0.32 18.11	31.95 0.17 35.91	77.96 1.12 2.99	68.97 0.12 0.00	79.00 -0.40 0.95	68.50 -0.34 0.00	51.61 -0.29 7.48	45.00 0.09 5.67	36.30 0.42 2.20
PPL_SHRM_GT3 24213	44.00 -0.29 0.40	37.54 0.50 0.00	34.72 0.69 0.00	36.72 0.87 0.00	36.87 0.88 0.00	36.02 0.98 0.00	39.28 1.07 0.00	45.20 1.35 0.00	41.73 1.06 0.00	41.84 1.33 -2.45	42.07 1.18 -0.91	43.39 0.39 -2.00	43.57 -0.24 -0.09	43.02 -0.03 8.13	42.60 0.29 4.10	35.75 0.33 18.44	30.72 -0.46 36.51	84.87 1.52 -3.52	69.69 0.84 0.00	79.69 0.31 0.97	69.23 0.39 0.00	51.61 -0.16 7.61	44.89 0.08 5.77	36.05 0.20 2.25
PPL_SHRM_GT4 24214	44.00 -0.29 0.40	37.54 0.50 0.00	34.72 0.69 0.00	36.72 0.87 0.00	36.87 0.88 0.00	36.02 0.98 0.00	39.28 1.07 0.00	45.20 1.35 0.00	41.73 1.06 0.00	41.84 1.33 -2.45	42.07 1.18 -0.91	43.39 0.39 -2.00	43.57 -0.24 -0.09	43.02 -0.03 8.13	42.60 0.29 4.10	35.75 0.33 18.44	30.72 -0.46 36.51	84.87 1.52 -3.52	69.69 0.84 0.00	79.69 0.31 0.97	69.23 0.39 0.00	51.61 -0.16 7.61	44.89 0.08 5.77	36.05 0.20 2.25
PROJECT___ORANGE 1 24174	44.23 -0.45 0.00	36.58 -0.47 0.00	33.55 -0.48 0.00	35.36 -0.49 0.00	35.48 -0.51 0.00	34.58 -0.46 0.00	37.79 -0.42 0.00	43.28 -0.56 0.00	40.15 -0.52 0.00	37.71 -0.35 0.00	39.78 -0.19 0.00	40.89 -0.11 0.00	43.67 -0.05 0.00	51.27 0.02 -0.06	46.44 0.03 0.00	54.06 0.10 -0.10	69.22 0.28 -1.24	82.99 0.52 -2.64	71.48 0.44 -2.18	80.95 0.60 0.00	69.12 0.28 0.00	59.47 0.09 0.00	50.51 -0.07 0.00	37.93 -0.16 0.00
PROJECT___ORANGE 2 24166	44.23 -0.45 0.00	36.58 -0.47 0.00	33.55 -0.48 0.00	35.36 -0.49 0.00	35.48 -0.51 0.00	34.58 -0.46 0.00	37.79 -0.42 0.00	43.28 -0.56 0.00	40.15 -0.52 0.00	37.71 -0.35 0.00	39.78 -0.19 0.00	40.89 -0.11 0.00	43.67 -0.05 0.00	51.27 0.02 -0.06	46.44 0.03 0.00	54.06 0.10 -0.10	69.22 0.28 -1.24	82.99 0.52 -2.64	71.48 0.44 -2.18	80.95 0.60 0.00	69.12 0.28 0.00	59.47 0.09 0.00	50.51 -0.07 0.00	37.93 -0.16 0.00
PUCKETT___SOLAR 323809	45.48 0.79 0.00	37.58 0.53 0.00	34.44 0.41 0.00	36.38 0.52 0.00	36.47 0.47 0.00	35.59 0.56 0.00	38.95 0.74 0.00	44.51 0.67 0.00	41.20 0.53 0.00	38.59 0.53 0.00	40.63 0.66 0.00	41.52 0.52 0.00	44.48 0.75 0.00	52.11 0.87 -0.05	47.11 0.69 0.00	54.80 0.87 -0.07	69.91 1.34 -0.88	83.83 2.12 -1.87	72.60 2.20 -1.54	83.42 3.07 0.00	71.24 2.41 0.00	61.20 1.81 0.00	51.91 1.33 0.00	38.94 0.85 0.00
PYRITES___HYD 24023	47.49 2.80 0.00	39.42 2.37 0.00	36.06 2.03 0.00	38.00 2.15 0.00	38.15 2.16 0.00	37.18 2.15 0.00	40.63 2.42 0.00	46.65 2.80 0.00	43.12 2.45 0.00	39.96 1.90 0.00	41.40 1.43 0.00	42.50 1.50 0.00	45.64 1.92 0.00	53.36 2.18 0.00	48.10 1.68 0.00	55.83 1.97 0.00	69.94 2.25 0.00	80.88 1.05 0.00	70.27 1.42 0.00	83.20 2.85 0.00	71.92 3.08 0.00	62.64 3.25 0.00	53.40 2.82 0.00	40.26 2.17 0.00
QUAKERRD_115KV_BK1 80622	44.18 -0.51 0.00	36.42 -0.63 0.00	33.26 -0.77 0.00	35.17 -0.68 0.00	35.26 -0.74 0.00	34.36 -0.67 0.00	37.62 -0.59 0.00	42.92 -0.93 0.00	39.91 -0.76 0.00	37.86 -0.20 0.00	40.29 0.32 0.00	41.55 0.55 0.00	44.56 0.83 0.00	52.15 0.96 0.00	47.12 0.70 0.00	54.94 1.08 0.00	69.62 1.92 0.00	81.76 1.93 0.00	70.34 1.49 0.00	82.19 1.84 0.00	69.82 0.99 0.00	60.13 0.74 0.00	50.97 0.39 0.00	38.36 0.27 0.00
QUENSBRY_115KV_TB8 356137	46.94 2.25 0.00	38.78 1.73 0.00	35.76 1.73 0.00	37.47 1.62 0.00	37.68 1.69 0.00	36.75 1.71 0.00	39.90 1.69 0.00	45.78 1.94 0.00	42.25 1.59 0.00	37.12 1.19 2.13	40.08 0.91 0.80	40.07 0.82 1.75	42.80 0.62 1.55	45.77 0.84 6.25	46.05 1.01 1.38	54.63 1.54 0.77	69.97 2.27 0.00	83.28 3.45 0.00	72.74 3.88 0.00	84.67 4.32 0.00	72.61 3.77 0.00	62.36 2.98 0.00	52.83 2.26 0.00	39.83 1.74 0.00
RAMAPO___LBMP 323565	45.33 0.64 0.00	37.55 0.50 0.00	34.47 0.44 0.00	36.27 0.42 0.00	36.45 0.46 0.00	35.52 0.49 0.00	38.80 0.59 0.00	44.63 0.78 0.00	41.40 0.74 0.00	40.93 0.62 -2.25	41.59 0.78 -0.84	43.52 0.68 -1.84	45.80 0.45 -1.63	58.47 0.64 -6.64	48.63 0.75 -1.46	55.46 0.78 -0.82	68.40 0.71 0.00	81.11 1.28 0.00	69.64 0.79 0.00	80.79 0.44 0.00	69.12 0.28 0.00	59.61 0.23 0.00	51.16 0.58 0.00	38.66 0.57 0.00
RANKINE____ 23646	45.90 1.21 0.00	37.64 0.59 0.00	34.15 0.11 0.00	36.36 0.51 0.00	36.24 0.24 0.00	35.39 0.36 0.00	38.85 0.63 0.00	43.96 0.12 0.00	41.16 0.49 0.00	39.85 1.79 0.00	43.06 3.10 0.00	44.54 3.54 0.00	48.02 4.29 0.00	55.94 4.76 0.00	50.21 3.80 0.00	58.49 4.63 0.00	74.04 6.35 0.00	86.31 6.48 0.00	73.20 4.35 0.00	85.30 4.95 0.00	72.14 3.30 0.00	62.32 2.94 0.00	52.79 2.21 0.00	39.79 1.70 0.00
RAVENSWOOD_GT2_1 24244	45.56 0.88 0.00	37.78 0.73 0.00	34.67 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.13 1.13 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.17 -1.59	55.90 1.15 -0.89	68.80 1.11 0.00	81.57 1.74 0.00	69.97 1.12 0.00	81.05 0.70 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT2_2 24245	45.56 0.88 0.00	37.78 0.73 0.00	34.67 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.13 1.13 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.17 -1.59	55.90 1.15 -0.89	68.80 1.11 0.00	81.57 1.74 0.00	69.97 1.12 0.00	81.05 0.70 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00

RAVENSWOOD_GT2_3 24246	45.59 0.90 0.00	37.79 0.74 0.00	34.69 0.65 0.00	36.47 0.61 0.00	36.65 0.66 0.00	35.73 0.69 0.00	39.06 0.85 0.00	44.96 1.11 0.00	41.81 1.14 0.00	41.58 1.07 -2.45	42.15 1.26 -0.91	44.16 1.16 -2.00	46.43 0.94 -1.77	59.51 1.10 -7.22	49.21 1.20 -1.59	55.93 1.18 -0.89	68.85 1.16 0.00	81.62 1.79 0.00	70.00 1.15 0.00	81.11 0.76 0.00	69.35 0.51 0.00	59.82 0.44 0.00	51.46 0.88 0.00	38.97 0.88 0.00
RAVENSWOOD_GT2_4 24247	45.59 0.90 0.00	37.79 0.74 0.00	34.69 0.65 0.00	36.47 0.61 0.00	36.65 0.66 0.00	35.73 0.69 0.00	39.06 0.85 0.00	44.96 1.11 0.00	41.81 1.14 0.00	41.58 1.07 -2.45	42.15 1.26 -0.91	44.16 1.16 -2.00	46.43 0.94 -1.77	59.51 1.10 -7.22	49.21 1.20 -1.59	55.93 1.18 -0.89	68.85 1.16 0.00	81.62 1.79 0.00	70.00 1.15 0.00	81.11 0.76 0.00	69.35 0.51 0.00	59.82 0.44 0.00	51.46 0.88 0.00	38.97 0.88 0.00
RAVENSWOOD_GT3_1 24248	45.57 0.88 0.00	37.78 0.73 0.00	34.68 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.17 -1.59	55.90 1.15 -0.89	68.81 1.11 0.00	81.58 1.75 0.00	69.97 1.12 0.00	81.06 0.71 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT3_2 24249	45.57 0.88 0.00	37.78 0.73 0.00	34.68 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.17 -1.59	55.90 1.15 -0.89	68.81 1.11 0.00	81.58 1.75 0.00	69.97 1.12 0.00	81.06 0.71 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT3_3 24250	45.64 0.95 0.00	37.83 0.78 0.00	34.72 0.69 0.00	36.51 0.66 0.00	36.69 0.69 0.00	35.77 0.74 0.00	39.11 0.90 0.00	45.02 1.17 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.22 1.23 -2.00	46.50 1.00 -1.77	59.59 1.18 -7.22	49.28 1.28 -1.59	56.02 1.27 -0.89	68.97 1.27 0.00	81.75 1.92 0.00	70.12 1.27 0.00	81.22 0.87 0.00	69.45 0.61 0.00	59.91 0.53 0.00	51.53 0.95 0.00	39.00 0.92 0.00
RAVENSWOOD_GT3_4 24251	45.64 0.95 0.00	37.83 0.78 0.00	34.72 0.69 0.00	36.51 0.66 0.00	36.69 0.69 0.00	35.77 0.74 0.00	39.11 0.90 0.00	45.02 1.17 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.21 1.33 -0.91	44.22 1.23 -2.00	46.50 1.00 -1.77	59.59 1.18 -7.22	49.28 1.28 -1.59	56.02 1.27 -0.89	68.97 1.27 0.00	81.75 1.92 0.00	70.12 1.27 0.00	81.22 0.87 0.00	69.45 0.61 0.00	59.91 0.53 0.00	51.53 0.95 0.00	39.00 0.92 0.00
RAVENSWOOD_GT_1 23729	45.59 0.90 0.00	37.80 0.75 0.00	34.70 0.67 0.00	36.46 0.61 0.00	36.66 0.66 0.00	35.73 0.70 0.00	39.10 0.89 0.00	44.96 1.12 0.00	41.88 1.21 0.00	41.62 1.12 -2.45	42.19 1.30 -0.91	44.21 1.21 -2.00	46.47 0.98 -1.77	59.54 1.13 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.79 1.10 0.00	81.59 1.76 0.00	69.93 1.08 0.00	81.01 0.66 0.00	69.21 0.37 0.00	59.79 0.41 0.00	51.55 0.97 0.00	39.09 1.00 0.00
RAVENSWOOD_GT_10 24258	45.57 0.88 0.00	37.78 0.73 0.00	34.67 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.91 1.16 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.14 0.00	81.06 0.71 0.00	69.32 0.49 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT_11 24259	45.57 0.88 0.00	37.78 0.73 0.00	34.67 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.91 1.16 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.14 0.00	81.06 0.71 0.00	69.32 0.49 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT_4 24252	45.57 0.89 0.00	37.78 0.73 0.00	34.68 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.04 0.83 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.90 1.15 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.13 0.00	81.06 0.71 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT_5 24254	45.57 0.89 0.00	37.78 0.73 0.00	34.68 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.04 0.83 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.90 1.15 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.13 0.00	81.06 0.71 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT_6 24253	45.57 0.89 0.00	37.78 0.73 0.00	34.68 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.04 0.83 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.90 1.15 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.13 0.00	81.06 0.71 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT_7 24255	45.57 0.89 0.00	37.78 0.73 0.00	34.68 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.04 0.83 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.90 1.15 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.13 0.00	81.06 0.71 0.00	69.31 0.48 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.57 0.88 0.00	37.78 0.73 0.00	34.67 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.91 1.16 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.14 0.00	81.06 0.71 0.00	69.32 0.49 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00
RAVENSWOOD_GT_9 24257	45.57 0.88 0.00	37.78 0.73 0.00	34.67 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.03 0.82 0.00	44.95 1.10 0.00	41.79 1.12 0.00	41.55 1.04 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.18 -1.59	55.91 1.16 -0.89	68.81 1.12 0.00	81.59 1.76 0.00	69.98 1.14 0.00	81.06 0.71 0.00	69.32 0.49 0.00	59.80 0.41 0.00	51.44 0.86 0.00	38.94 0.84 0.00

RAVENSWOOD___1 23533	45.59 0.90 0.00	37.80 0.75 0.00	34.70 0.67 0.00	36.46 0.61 0.00	36.66 0.66 0.00	35.73 0.70 0.00	39.10 0.89 0.00	44.98 1.13 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.19 1.30 -0.91	44.22 1.22 -2.00	46.48 0.99 -1.77	59.54 1.13 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.80 1.11 0.00	81.59 1.76 0.00	69.93 1.07 0.00	81.02 0.67 0.00	69.19 0.36 0.00	59.79 0.41 0.00	51.57 1.00 0.00	39.09 0.99 0.00
RAVENSWOOD___2 23534	45.59 0.90 0.00	37.80 0.75 0.00	34.70 0.67 0.00	36.46 0.61 0.00	36.66 0.66 0.00	35.73 0.70 0.00	39.10 0.89 0.00	44.98 1.13 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.19 1.30 -0.91	44.22 1.22 -2.00	46.48 0.99 -1.77	59.54 1.13 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.80 1.11 0.00	81.59 1.76 0.00	69.93 1.07 0.00	81.02 0.67 0.00	69.19 0.36 0.00	59.79 0.41 0.00	51.57 1.00 0.00	39.09 0.99 0.00
RAVENSWOOD___3 23535	45.57 0.89 0.00	37.78 0.73 0.00	34.68 0.64 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.71 0.68 0.00	39.04 0.82 0.00	44.95 1.11 0.00	41.78 1.11 0.00	41.57 1.06 -2.45	42.12 1.24 -0.91	44.14 1.14 -2.00	46.40 0.91 -1.77	59.48 1.07 -7.22	49.18 1.17 -1.59	55.91 1.16 -0.89	68.80 1.11 0.00	81.59 1.76 0.00	69.98 1.13 0.00	81.06 0.72 0.00	69.32 0.48 0.00	59.80 0.42 0.00	51.44 0.86 0.00	38.93 0.84 0.00
RAVENSWOOD___4 23820	45.59 0.90 0.00	37.80 0.75 0.00	34.70 0.67 0.00	36.46 0.61 0.00	36.66 0.66 0.00	35.73 0.70 0.00	39.10 0.89 0.00	44.98 1.13 0.00	41.87 1.20 0.00	41.63 1.12 -2.45	42.19 1.30 -0.91	44.22 1.22 -2.00	46.48 0.99 -1.77	59.54 1.13 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.80 1.11 0.00	81.59 1.76 0.00	69.93 1.07 0.00	81.02 0.67 0.00	69.19 0.36 0.00	59.79 0.41 0.00	51.57 1.00 0.00	39.09 0.99 0.00
RCPL_TRUST___DRP 24196	45.59 0.90 0.00	37.78 0.73 0.00	34.68 0.65 0.00	36.46 0.61 0.00	36.63 0.63 0.00	35.72 0.69 0.00	39.06 0.85 0.00	44.97 1.13 0.00	41.83 1.16 0.00	41.59 1.09 -2.45	42.18 1.30 -0.91	44.20 1.20 -2.00	46.47 0.98 -1.77	59.54 1.13 -7.22	49.25 1.24 -1.59	55.98 1.23 -0.89	68.90 1.20 0.00	81.67 1.84 0.00	70.04 1.19 0.00	81.12 0.77 0.00	69.36 0.52 0.00	59.81 0.43 0.00	51.45 0.87 0.00	38.94 0.85 0.00
RED___ROCHESTER 323720	45.72 1.03 0.00	37.65 0.60 0.00	34.33 0.31 0.00	36.35 0.49 0.00	36.40 0.41 0.00	35.51 0.47 0.00	38.89 0.68 0.00	44.28 0.43 0.00	41.27 0.60 0.00	39.27 1.21 0.00	41.93 1.96 0.00	43.32 2.32 0.00	46.54 2.81 0.00	54.48 3.29 0.00	49.18 2.77 0.00	57.33 3.46 0.00	72.72 5.03 0.00	85.30 5.47 0.00	73.27 4.42 0.00	85.60 5.25 0.00	72.58 3.75 0.00	62.54 3.15 0.00	53.00 2.42 0.00	39.86 1.77 0.00
REGAN___SOLAR 323812	47.14 2.45 0.00	38.97 1.92 0.00	35.78 1.74 0.00	37.62 1.78 0.00	37.80 1.80 0.00	36.85 1.82 0.00	40.28 2.07 0.00	45.92 2.07 0.00	41.78 1.11 0.00	36.93 0.33 1.47	39.32 -0.11 0.55	39.59 -0.21 1.20	42.45 -0.22 1.06	46.89 -0.02 4.28	45.49 0.02 0.94	53.54 0.20 0.53	68.10 0.40 0.00	81.79 1.96 0.00	72.08 3.22 0.00	85.64 5.29 0.00	73.82 4.98 0.00	63.50 4.12 0.00	53.89 3.31 0.00	40.44 2.35 0.00
RENSSELAER___COGEN 23796	44.40 -0.29 0.00	36.88 -0.17 0.00	34.01 -0.02 0.00	35.80 -0.05 0.00	35.98 -0.01 0.00	34.96 -0.07 0.00	38.01 -0.21 0.00	43.65 -0.20 0.00	40.45 -0.21 0.00	35.82 -0.35 1.89	38.79 -0.48 0.71	38.82 -0.63 1.55	41.49 -0.87 1.37	44.68 -0.90 5.61	44.45 -0.72 1.24	52.35 -0.82 0.69	66.50 -1.20 0.00	78.85 -0.98 0.00	68.18 -0.67 0.00	79.27 -1.08 0.00	68.03 -0.81 0.00	58.62 -0.77 0.00	49.99 -0.59 0.00	37.71 -0.38 0.00
REPUBLIC_115KV_BARTNBK 55605	50.37 5.68 0.00	41.43 4.38 0.00	38.14 4.11 0.00	39.72 3.87 0.00	40.00 4.01 0.00	39.18 4.15 0.00	42.46 4.25 0.00	48.77 4.92 0.00	44.73 4.06 0.00	39.08 3.17 2.16	42.29 3.13 0.81	42.61 3.38 1.77	45.55 3.39 1.56	48.77 3.92 6.34	49.26 4.24 1.39	58.71 5.63 0.78	75.39 7.70 0.00	89.55 9.72 0.00	77.63 8.78 0.00	90.84 10.49 0.00	77.88 9.04 0.00	66.94 7.56 0.00	56.52 5.94 0.00	42.59 4.50 0.00
REVERE_CPPR_DRP 24186	46.62 1.93 0.00	38.68 1.63 0.00	35.43 1.40 0.00	37.24 1.39 0.00	37.35 1.36 0.00	36.45 1.41 0.00	39.91 1.70 0.00	45.69 1.84 0.00	42.41 1.75 0.00	39.72 1.66 0.00	41.73 1.76 0.00	42.47 1.47 0.00	45.21 1.49 0.00	53.20 1.98 -0.03	48.31 1.90 0.00	56.29 2.38 -0.05	71.64 3.32 -0.62	85.25 4.10 -1.32	74.06 4.12 -1.09	85.44 5.08 0.00	73.21 4.37 0.00	62.95 3.57 0.00	53.34 2.76 0.00	39.85 1.76 0.00
REYNLDPA_13_KV_LD 356490	45.69 1.00 0.00	37.92 0.87 0.00	34.73 0.70 0.00	36.63 0.78 0.00	36.76 0.76 0.00	35.79 0.76 0.00	39.05 0.84 0.00	44.94 1.09 0.00	41.76 1.09 0.00	39.06 1.00 0.00	40.79 0.82 0.00	41.92 0.93 0.00	44.93 1.20 0.00	52.46 1.28 0.00	47.40 0.99 0.00	54.97 1.10 0.00	69.07 1.38 0.00	80.67 0.84 0.00	69.43 0.58 0.00	81.32 0.97 0.00	69.83 1.00 0.00	60.48 1.09 0.00	51.45 0.87 0.00	38.79 0.70 0.00
REYNOLDS_115KV_TB3 80639	44.74 0.05 0.00	37.15 0.11 0.00	34.28 0.25 0.00	36.07 0.22 0.00	36.25 0.26 0.00	35.23 0.20 0.00	38.27 0.06 0.00	43.94 0.09 0.00	40.70 0.03 0.00	35.64 -0.13 2.29	38.89 -0.22 0.86	38.74 -0.38 1.87	41.44 -0.62 1.66	43.78 -0.63 6.78	44.42 -0.50 1.49	52.48 -0.54 0.83	66.82 -0.88 0.00	79.23 -0.60 0.00	68.51 -0.34 0.00	79.62 -0.73 0.00	68.34 -0.49 0.00	58.90 -0.49 0.00	50.24 -0.34 0.00	37.91 -0.18 0.00
RIVERBAY____ 323610	46.78 2.10 0.00	38.72 1.67 0.00	35.58 1.54 0.00	37.42 1.57 0.00	37.67 1.68 0.00	36.74 1.70 0.00	40.19 1.98 0.00	46.18 2.33 0.00	42.99 2.33 0.00	42.62 2.11 -2.45	43.22 2.33 -0.91	45.18 2.18 -2.00	47.50 2.01 -1.77	60.71 2.30 -7.22	50.32 2.32 -1.59	57.04 2.29 -0.89	70.45 2.75 0.00	83.69 3.86 0.00	71.62 2.76 0.00	82.96 2.60 0.00	70.83 1.99 0.00	61.28 1.89 0.00	52.80 2.22 0.00	40.07 1.97 0.00
RIVERSDE_115KV_TB3 55908	44.63 -0.06 0.00	37.06 0.01 0.00	34.18 0.15 0.00	35.97 0.12 0.00	36.16 0.17 0.00	35.13 0.10 0.00	38.18 -0.03 0.00	43.84 -0.01 0.00	40.64 -0.03 0.00	35.78 -0.18 2.10	38.90 -0.28 0.79	38.85 -0.43 1.72	41.55 -0.66 1.52	44.32 -0.65 6.22	44.54 -0.50 1.37	52.55 -0.55 0.77	66.82 -0.87 0.00	79.25 -0.58 0.00	68.53 -0.32 0.00	79.62 -0.73 0.00	68.32 -0.52 0.00	58.87 -0.51 0.00	50.21 -0.37 0.00	37.86 -0.22 0.00
ROARING___BROOK_WT_PWR 323790	44.51 -0.18 0.00	37.00 -0.04 0.00	33.97 -0.06 0.00	35.75 -0.10 0.00	35.92 -0.07 0.00	34.95 -0.08 0.00	38.12 -0.09 0.00	43.79 -0.06 0.00	40.67 0.00 0.00	38.13 0.07 0.00	40.02 0.05 0.00	41.07 0.07 0.00	43.83 0.10 0.00	51.26 0.08 0.00	46.45 0.03 0.00	53.92 0.05 0.00	67.77 0.08 0.00	79.77 -0.06 0.00	68.77 -0.08 0.00	80.32 -0.03 0.00	68.85 0.01 0.00	59.33 -0.05 0.00	50.40 -0.18 0.00	37.90 -0.19 0.00

ROCHESRG_115KV_T4 355643	45.14 0.46 0.00	37.18 0.13 0.00	33.93 -0.10 0.00	35.92 0.07 0.00	35.98 -0.01 0.00	35.09 0.06 0.00	38.42 0.21 0.00	43.77 -0.07 0.00	40.74 0.07 0.00	38.75 0.69 0.00	41.32 1.35 0.00	42.64 1.64 0.00	45.75 2.03 0.00	53.51 2.33 0.00	48.28 1.86 0.00	56.21 2.34 0.00	71.26 3.57 0.00	83.55 3.72 0.00	71.77 2.92 0.00	83.93 3.58 0.00	71.27 2.43 0.00	61.42 2.04 0.00	52.10 1.53 0.00	39.25 1.16 0.00
ROCHESTER_9_IC 23652	45.45 0.76 0.00	37.43 0.38 0.00	34.14 0.11 0.00	36.15 0.30 0.00	36.20 0.21 0.00	35.31 0.27 0.00	38.67 0.46 0.00	44.06 0.21 0.00	41.02 0.35 0.00	39.04 0.98 0.00	41.64 1.67 0.00	43.00 2.00 0.00	46.16 2.44 0.00	54.01 2.83 0.00	48.74 2.33 0.00	56.77 2.91 0.00	71.99 4.29 0.00	84.43 4.60 0.00	72.54 3.68 0.00	84.78 4.43 0.00	71.94 3.10 0.00	62.00 2.62 0.00	52.56 1.98 0.00	39.56 1.47 0.00
ROCKVIEW_13_KV_LD 356306	45.68 0.99 0.00	37.87 0.82 0.00	34.76 0.73 0.00	36.56 0.71 0.00	36.73 0.74 0.00	35.81 0.77 0.00	39.12 0.91 0.00	45.04 1.19 0.00	41.84 1.17 0.00	41.58 1.07 -2.45	42.16 1.28 -0.91	44.17 1.17 -2.00	46.46 0.97 -1.77	59.58 1.17 -7.22	49.27 1.26 -1.59	56.07 1.32 -0.89	69.05 1.35 0.00	81.87 2.04 0.00	70.27 1.42 0.00	81.45 1.10 0.00	69.66 0.82 0.00	60.06 0.68 0.00	51.57 0.99 0.00	39.01 0.92 0.00
ROME____115KV_TB2 80656	46.62 1.93 0.00	38.68 1.63 0.00	35.43 1.40 0.00	37.24 1.39 0.00	37.35 1.36 0.00	36.45 1.41 0.00	39.91 1.70 0.00	45.69 1.84 0.00	42.41 1.75 0.00	39.72 1.66 0.00	41.73 1.76 0.00	42.47 1.47 0.00	45.21 1.49 0.00	53.20 1.98 -0.03	48.31 1.90 0.00	56.29 2.38 -0.05	71.64 3.32 -0.62	85.25 4.10 -1.32	74.06 4.12 -1.09	85.44 5.08 0.00	73.21 4.37 0.00	62.95 3.57 0.00	53.34 2.76 0.00	39.85 1.76 0.00
ROSETON___1 23587	45.14 0.46 0.00	37.43 0.39 0.00	34.42 0.38 0.00	36.19 0.34 0.00	36.37 0.37 0.00	35.43 0.39 0.00	38.65 0.43 0.00	44.46 0.61 0.00	41.24 0.57 0.00	40.78 0.47 -2.25	41.39 0.58 -0.84	43.30 0.46 -1.84	45.58 0.23 -1.63	58.14 0.30 -6.65	48.35 0.47 -1.47	55.08 0.40 -0.82	67.97 0.28 0.00	80.60 0.77 0.00	69.29 0.44 0.00	80.42 0.07 0.00	68.87 0.03 0.00	59.40 0.02 0.00	50.91 0.33 0.00	38.48 0.39 0.00
ROSETON___2 23588	45.14 0.46 0.00	37.43 0.39 0.00	34.42 0.38 0.00	36.19 0.34 0.00	36.37 0.37 0.00	35.43 0.39 0.00	38.65 0.43 0.00	44.46 0.61 0.00	41.24 0.57 0.00	40.78 0.47 -2.25	41.39 0.58 -0.84	43.30 0.46 -1.84	45.58 0.23 -1.63	58.14 0.30 -6.65	48.35 0.47 -1.47	55.08 0.40 -0.82	67.97 0.28 0.00	80.60 0.77 0.00	69.29 0.44 0.00	80.42 0.07 0.00	68.87 0.03 0.00	59.40 0.02 0.00	50.91 0.33 0.00	38.48 0.39 0.00
ROTTTRDAM_115KV_TB3 80664	45.36 0.67 0.00	37.58 0.54 0.00	34.61 0.58 0.00	36.41 0.56 0.00	36.58 0.58 0.00	35.59 0.55 0.00	38.76 0.55 0.00	44.45 0.60 0.00	41.11 0.44 0.00	36.69 0.29 1.66	39.57 0.22 0.62	39.76 0.13 1.36	42.52 0.00 1.21	46.41 0.08 4.85	45.49 0.14 1.07	53.49 0.22 0.60	67.99 0.30 0.00	80.55 0.72 0.00	69.71 0.86 0.00	81.28 0.93 0.00	69.73 0.89 0.00	60.08 0.69 0.00	51.21 0.63 0.00	38.59 0.50 0.00
RUSSELL___1 23602	45.72 1.03 0.00	37.65 0.60 0.00	34.34 0.30 0.00	36.35 0.50 0.00	36.41 0.41 0.00	35.51 0.47 0.00	38.89 0.68 0.00	44.31 0.46 0.00	41.26 0.59 0.00	39.29 1.22 0.00	41.93 1.96 0.00	43.32 2.32 0.00	46.53 2.81 0.00	54.48 3.29 0.00	49.20 2.78 0.00	57.31 3.45 0.00	72.72 5.03 0.00	85.30 5.47 0.00	73.29 4.44 0.00	85.59 5.24 0.00	72.59 3.75 0.00	62.54 3.15 0.00	53.00 2.43 0.00	39.86 1.77 0.00
RUSSELL___2 23532	45.72 1.03 0.00	37.65 0.60 0.00	34.34 0.30 0.00	36.35 0.50 0.00	36.41 0.41 0.00	35.51 0.47 0.00	38.89 0.68 0.00	44.31 0.46 0.00	41.26 0.59 0.00	39.29 1.22 0.00	41.93 1.96 0.00	43.32 2.32 0.00	46.53 2.81 0.00	54.48 3.29 0.00	49.20 2.78 0.00	57.31 3.45 0.00	72.72 5.03 0.00	85.30 5.47 0.00	73.29 4.44 0.00	85.59 5.24 0.00	72.59 3.75 0.00	62.54 3.15 0.00	53.00 2.43 0.00	39.86 1.77 0.00
RUSSELL___3 23549	45.72 1.03 0.00	37.65 0.60 0.00	34.34 0.30 0.00	36.35 0.50 0.00	36.41 0.41 0.00	35.51 0.47 0.00	38.89 0.68 0.00	44.31 0.46 0.00	41.26 0.59 0.00	39.29 1.22 0.00	41.93 1.96 0.00	43.32 2.32 0.00	46.53 2.81 0.00	54.48 3.29 0.00	49.20 2.78 0.00	57.31 3.45 0.00	72.72 5.03 0.00	85.30 5.47 0.00	73.29 4.44 0.00	85.59 5.24 0.00	72.59 3.75 0.00	62.54 3.15 0.00	53.00 2.43 0.00	39.86 1.77 0.00
RUSSELL___4 23556	45.72 1.03 0.00	37.65 0.60 0.00	34.34 0.30 0.00	36.35 0.50 0.00	36.41 0.41 0.00	35.51 0.47 0.00	38.89 0.68 0.00	44.31 0.46 0.00	41.26 0.59 0.00	39.29 1.22 0.00	41.93 1.96 0.00	43.32 2.32 0.00	46.53 2.81 0.00	54.48 3.29 0.00	49.20 2.78 0.00	57.31 3.45 0.00	72.72 5.03 0.00	85.30 5.47 0.00	73.29 4.44 0.00	85.59 5.24 0.00	72.59 3.75 0.00	62.54 3.15 0.00	53.00 2.43 0.00	39.86 1.77 0.00
RUSSELL___STATION 23914	45.72 1.03 0.00	37.65 0.60 0.00	34.34 0.30 0.00	36.35 0.50 0.00	36.41 0.41 0.00	35.51 0.47 0.00	38.89 0.68 0.00	44.31 0.46 0.00	41.26 0.59 0.00	39.29 1.22 0.00	41.93 1.96 0.00	43.32 2.32 0.00	46.53 2.81 0.00	54.48 3.29 0.00	49.20 2.78 0.00	57.31 3.45 0.00	72.72 5.03 0.00	85.30 5.47 0.00	73.29 4.44 0.00	85.59 5.24 0.00	72.59 3.75 0.00	62.54 3.15 0.00	53.00 2.43 0.00	39.86 1.77 0.00
S SALMON___HYD 24043	44.93 0.24 0.00	37.30 0.25 0.00	34.18 0.15 0.00	35.83 -0.02 0.00	36.03 0.03 0.00	35.13 0.10 0.00	38.49 0.28 0.00	44.08 0.23 0.00	40.86 0.19 0.00	38.33 0.27 0.00	40.24 0.26 0.00	41.26 0.26 0.00	43.94 0.22 0.00	51.61 0.27 -0.14	46.54 0.13 0.00	54.21 0.13 -0.21	70.80 0.40 -2.71	86.32 0.72 -5.77	74.62 1.01 -4.76	82.08 1.73 0.00	70.49 1.66 0.00	60.71 1.33 0.00	51.68 1.10 0.00	38.53 0.44 0.00
S.PERRY__115KV_TB1 80734	46.84 2.16 0.00	38.38 1.33 0.00	34.93 0.90 0.00	37.04 1.19 0.00	37.10 1.11 0.00	36.31 1.28 0.00	39.88 1.67 0.00	45.21 1.36 0.00	41.63 0.97 0.00	39.49 1.43 0.00	42.18 2.21 0.00	43.52 2.52 0.00	46.50 2.77 0.00	53.55 2.36 0.00	47.97 1.56 0.00	55.88 2.02 0.00	70.78 3.09 0.00	83.50 3.67 0.00	72.18 3.33 0.00	85.19 4.84 0.00	72.89 4.05 0.00	62.69 3.30 0.00	52.89 2.31 0.00	40.57 2.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.45 0.76 0.00	37.29 0.24 0.00	33.85 -0.18 0.00	36.06 0.21 0.00	35.96 -0.03 0.00	35.09 0.06 0.00	38.51 0.29 0.00	43.55 -0.30 0.00	40.76 0.09 0.00	39.44 1.38 0.00	42.62 2.66 0.00	44.06 3.07 0.00	47.47 3.74 0.00	55.23 4.04 0.00	49.49 3.08 0.00	57.64 3.78 0.00	72.89 5.19 0.00	84.89 5.06 0.00	72.28 3.42 0.00	84.47 4.12 0.00	71.46 2.63 0.00	61.81 2.42 0.00	52.42 1.84 0.00	39.58 1.49 0.00

SAWYER___23_KV_LOAD 55526	45.45 0.76 0.00	37.29 0.24 0.00	33.85 -0.18 0.00	36.06 0.21 0.00	35.96 -0.03 0.00	35.09 0.06 0.00	38.51 0.29 0.00	43.55 -0.30 0.00	40.76 0.09 0.00	39.44 1.38 0.00	42.62 2.66 0.00	44.06 3.07 0.00	47.47 3.74 0.00	55.23 4.04 0.00	49.49 3.08 0.00	57.64 3.78 0.00	72.89 5.19 0.00	84.89 5.06 0.00	72.28 3.42 0.00	84.47 4.12 0.00	71.46 2.63 0.00	61.81 2.42 0.00	52.42 1.84 0.00	39.58 1.49 0.00
SELKIRK___I 23801	44.90 0.21 0.00	37.30 0.25 0.00	34.40 0.36 0.00	36.22 0.37 0.00	36.40 0.41 0.00	35.38 0.34 0.00	38.43 0.22 0.00	44.08 0.24 0.00	40.77 0.10 0.00	36.88 -0.03 1.15	39.43 -0.11 0.43	39.78 -0.27 0.94	42.43 -0.46 0.83	47.25 -0.49 3.45	45.28 -0.37 0.76	53.06 -0.37 0.43	67.09 -0.61 0.00	79.50 -0.33 0.00	68.82 -0.03 0.00	80.17 -0.18 0.00	68.82 -0.02 0.00	59.34 -0.04 0.00	50.59 0.02 0.00	38.16 0.07 0.00
SELKIRK___II 23799	44.53 -0.16 0.00	37.04 -0.01 0.00	34.15 0.12 0.00	35.94 0.10 0.00	36.12 0.13 0.00	35.10 0.07 0.00	38.19 -0.03 0.00	43.84 -0.01 0.00	40.62 -0.05 0.00	36.52 -0.18 1.37	39.22 -0.24 0.51	39.51 -0.37 1.12	42.17 -0.57 0.99	46.51 -0.59 4.08	45.06 -0.45 0.90	52.84 -0.52 0.50	66.88 -0.81 0.00	79.25 -0.58 0.00	68.46 -0.40 0.00	79.62 -0.73 0.00	68.30 -0.53 0.00	58.90 -0.49 0.00	50.26 -0.32 0.00	37.90 -0.19 0.00
SENECA OSWGO___HYD 24041	43.97 -0.72 0.00	36.39 -0.66 0.00	33.39 -0.64 0.00	35.17 -0.68 0.00	35.30 -0.69 0.00	34.39 -0.64 0.00	37.58 -0.63 0.00	43.05 -0.80 0.00	39.91 -0.76 0.00	37.44 -0.63 0.00	39.43 -0.54 0.00	40.53 -0.47 0.00	43.27 -0.45 0.00	50.92 -0.49 -0.22	45.94 -0.48 0.00	53.73 -0.46 -0.33	71.27 -0.53 -4.10	88.20 -0.37 -8.74	75.81 -0.25 -7.21	80.21 -0.14 0.00	68.57 -0.27 0.00	59.05 -0.33 0.00	50.21 -0.37 0.00	37.71 -0.38 0.00
SENECA___115KV_TB3 355854	45.98 1.30 0.00	37.70 0.65 0.00	34.21 0.18 0.00	36.42 0.57 0.00	36.30 0.30 0.00	35.45 0.42 0.00	38.92 0.71 0.00	44.04 0.19 0.00	41.24 0.58 0.00	39.93 1.86 0.00	43.16 3.19 0.00	44.63 3.64 0.00	48.12 4.40 0.00	56.08 4.89 0.00	50.32 3.91 0.00	58.64 4.78 0.00	74.22 6.52 0.00	86.52 6.69 0.00	73.37 4.52 0.00	85.50 5.15 0.00	72.30 3.47 0.00	62.46 3.08 0.00	52.90 2.32 0.00	39.87 1.77 0.00
SENECA___ENERGY 23797	44.98 0.29 0.00	37.13 0.08 0.00	33.92 -0.11 0.00	35.83 -0.02 0.00	35.95 -0.04 0.00	35.06 0.03 0.00	38.41 0.20 0.00	43.88 0.03 0.00	40.66 -0.01 0.00	38.32 0.26 0.00	40.60 0.63 0.00	41.77 0.77 0.00	44.66 0.94 0.00	52.39 1.11 -0.09	47.45 1.04 0.00	55.27 1.27 -0.13	71.37 2.03 -1.64	85.85 2.53 -3.49	74.12 2.39 -2.88	83.38 3.03 0.00	71.02 2.18 0.00	61.05 1.66 0.00	51.67 1.09 0.00	38.82 0.73 0.00
SHOEMAKER___GT 23640	45.25 0.56 0.00	37.48 0.44 0.00	34.45 0.42 0.00	36.25 0.40 0.00	36.41 0.42 0.00	35.47 0.43 0.00	38.70 0.49 0.00	44.49 0.65 0.00	41.21 0.54 0.00	40.51 0.42 -2.03	41.23 0.50 -0.76	43.05 0.40 -1.66	45.42 0.23 -1.47	57.51 0.33 -5.99	48.19 0.46 -1.32	55.07 0.47 -0.74	68.17 0.48 0.00	80.87 1.04 0.00	69.67 0.82 0.00	81.03 0.68 0.00	69.37 0.53 0.00	59.79 0.40 0.00	51.15 0.58 0.00	38.59 0.50 0.00
SHOEMAKR_138KV_BK 111 55601	45.23 0.54 0.00	37.46 0.41 0.00	34.43 0.40 0.00	36.23 0.38 0.00	36.39 0.40 0.00	35.46 0.42 0.00	38.68 0.47 0.00	44.46 0.62 0.00	41.21 0.54 0.00	40.48 0.41 -2.00	41.23 0.51 -0.75	43.07 0.43 -1.64	45.42 0.24 -1.45	57.47 0.36 -5.92	48.22 0.50 -1.30	55.10 0.51 -0.73	68.20 0.50 0.00	80.87 1.04 0.00	69.62 0.76 0.00	80.95 0.60 0.00	69.29 0.45 0.00	59.71 0.33 0.00	51.12 0.54 0.00	38.58 0.49 0.00
SHOREHAM_IC_1 23715	44.00 -0.29 0.40	37.54 0.50 0.00	34.72 0.69 0.00	36.72 0.87 0.00	36.87 0.88 0.00	36.02 0.98 0.00	39.28 1.07 0.00	45.20 1.35 0.00	41.73 1.06 0.00	41.84 1.33 -2.45	42.07 1.18 -0.91	43.39 0.39 -2.00	43.57 -0.24 -0.09	43.02 -0.03 8.13	42.60 0.29 4.10	35.75 0.33 18.44	30.72 -0.46 36.51	84.87 1.52 -3.52	69.69 0.84 0.00	79.69 0.31 0.97	69.23 0.39 0.00	51.61 -0.16 7.61	44.89 0.08 5.77	36.05 0.20 2.25
SHOREHAM_IC_2 23716	44.00 -0.29 0.40	37.54 0.49 0.00	34.72 0.69 0.00	36.72 0.87 0.00	36.87 0.88 0.00	36.02 0.98 0.00	39.28 1.07 0.00	45.18 1.34 0.00	41.74 1.07 0.00	41.81 1.30 -2.45	42.07 1.19 -0.91	43.42 0.42 -2.00	43.58 -0.24 -0.09	43.04 -0.01 8.13	42.60 0.29 4.10	35.76 0.34 18.44	30.73 -0.45 36.51	84.87 1.52 -3.52	69.69 0.84 0.00	79.69 0.31 0.97	69.25 0.41 0.00	51.62 -0.15 7.61	44.94 0.13 5.77	36.05 0.20 2.25
SISSONVILLE____ 23735	46.58 1.89 0.00	38.71 1.66 0.00	35.43 1.40 0.00	37.28 1.43 0.00	37.44 1.44 0.00	36.48 1.45 0.00	39.87 1.66 0.00	45.87 2.02 0.00	42.53 1.86 0.00	39.69 1.63 0.00	41.31 1.34 0.00	42.41 1.41 0.00	45.46 1.73 0.00	53.15 1.95 -0.02	47.98 1.56 0.00	55.65 1.76 -0.03	69.94 1.89 -0.35	80.85 0.27 -0.74	69.66 0.20 -0.62	81.22 0.87 0.00	70.02 1.18 0.00	61.00 1.62 0.00	52.17 1.59 0.00	39.42 1.33 0.00
SITHE_IND_GS1 24169	43.34 -1.35 0.00	35.88 -1.16 0.00	32.93 -1.10 0.00	34.70 -1.15 0.00	34.83 -1.16 0.00	33.92 -1.11 0.00	37.05 -1.17 0.00	42.43 -1.42 0.00	39.35 -1.31 0.00	36.90 -1.16 0.00	38.88 -1.10 0.00	39.95 -1.05 0.00	42.64 -1.08 0.00	49.28 -1.27 0.63	45.26 -1.16 0.00	51.59 -1.32 0.95	54.18 -1.54 11.97	52.57 -1.76 25.50	46.35 -1.46 21.03	78.72 -1.63 0.00	67.32 -1.52 0.00	58.02 -1.37 0.00	49.34 -1.24 0.00	37.11 -0.99 0.00
SITHE_IND_GS2 24170	43.34 -1.35 0.00	35.88 -1.16 0.00	32.93 -1.10 0.00	34.70 -1.15 0.00	34.83 -1.16 0.00	33.92 -1.11 0.00	37.05 -1.17 0.00	42.43 -1.42 0.00	39.35 -1.31 0.00	36.90 -1.16 0.00	38.88 -1.10 0.00	39.95 -1.05 0.00	42.64 -1.08 0.00	49.28 -1.27 0.63	45.26 -1.16 0.00	51.59 -1.32 0.95	54.18 -1.54 11.97	52.57 -1.76 25.50	46.35 -1.46 21.03	78.72 -1.63 0.00	67.32 -1.52 0.00	58.02 -1.37 0.00	49.34 -1.24 0.00	37.11 -0.99 0.00
SITHE_IND_GS3 24171	43.34 -1.35 0.00	35.88 -1.16 0.00	32.93 -1.10 0.00	34.70 -1.15 0.00	34.83 -1.16 0.00	33.92 -1.11 0.00	37.05 -1.17 0.00	42.43 -1.42 0.00	39.35 -1.31 0.00	36.90 -1.16 0.00	38.88 -1.10 0.00	39.95 -1.05 0.00	42.64 -1.08 0.00	49.28 -1.27 0.63	45.26 -1.16 0.00	51.59 -1.32 0.95	54.18 -1.54 11.97	52.57 -1.76 25.50	46.35 -1.46 21.03	78.72 -1.63 0.00	67.32 -1.52 0.00	58.02 -1.37 0.00	49.34 -1.24 0.00	37.11 -0.99 0.00
SITHE_IND_GS4 24172	43.34 -1.35 0.00	35.88 -1.16 0.00	32.93 -1.10 0.00	34.70 -1.15 0.00	34.83 -1.16 0.00	33.92 -1.11 0.00	37.05 -1.17 0.00	42.43 -1.42 0.00	39.35 -1.31 0.00	36.90 -1.16 0.00	38.88 -1.10 0.00	39.95 -1.05 0.00	42.64 -1.08 0.00	49.28 -1.27 0.63	45.26 -1.16 0.00	51.59 -1.32 0.95	54.18 -1.54 11.97	52.57 -1.76 25.50	46.35 -1.46 21.03	78.72 -1.63 0.00	67.32 -1.52 0.00	58.02 -1.37 0.00	49.34 -1.24 0.00	37.11 -0.99 0.00

SITHE___BATAVIA 24024	46.65 1.96 0.00	38.27 1.22 0.00	34.76 0.73 0.00	36.94 1.09 0.00	36.91 0.92 0.00	36.05 1.01 0.00	39.56 1.35 0.00	44.81 0.97 0.00	41.80 1.13 0.00	39.71 1.65 0.00	42.21 2.24 0.00	43.54 2.54 0.00	46.94 3.21 0.00	54.82 3.63 0.00	49.24 2.82 0.00	57.60 3.74 0.00	73.13 5.43 0.00	85.59 5.76 0.00	73.23 4.38 0.00	86.02 5.67 0.00	72.88 4.04 0.00	63.08 3.70 0.00	54.15 3.57 0.00	40.82 2.73 0.00
SITHE___INDEPEND 23800	43.34 -1.35 0.00	35.88 -1.16 0.00	32.93 -1.10 0.00	34.70 -1.15 0.00	34.83 -1.16 0.00	33.92 -1.11 0.00	37.04 -1.17 0.00	42.43 -1.42 0.00	39.36 -1.31 0.00	36.91 -1.15 0.00	38.88 -1.10 0.00	39.95 -1.05 0.00	42.64 -1.08 0.00	49.28 -1.28 0.63	45.25 -1.16 0.00	51.59 -1.32 0.95	54.18 -1.55 11.97	52.57 -1.76 25.50	46.35 -1.46 21.03	78.72 -1.63 0.00	67.32 -1.52 0.00	58.01 -1.37 0.00	49.34 -1.24 0.00	37.10 -0.99 0.00
SITHE___MASSENA 23902	45.96 1.27 0.00	38.15 1.10 0.00	34.94 0.90 0.00	36.83 0.98 0.00	36.97 0.98 0.00	36.00 0.97 0.00	39.29 1.08 0.00	45.20 1.36 0.00	41.97 1.30 0.00	39.24 1.17 0.00	40.94 0.97 0.00	42.08 1.08 0.00	45.10 1.37 0.00	52.69 1.50 0.00	47.59 1.18 0.00	55.19 1.33 0.00	69.30 1.61 0.00	80.52 0.69 0.00	69.33 0.48 0.00	81.27 0.92 0.00	69.85 1.01 0.00	60.75 1.36 0.00	51.72 1.13 0.00	39.00 0.91 0.00
SITHE___OGDNSBRG 24021	47.26 2.57 0.00	39.22 2.17 0.00	35.89 1.85 0.00	37.82 1.97 0.00	37.97 1.98 0.00	37.00 1.96 0.00	40.42 2.21 0.00	46.41 2.56 0.00	42.92 2.25 0.00	39.80 1.74 0.00	41.28 1.31 0.00	42.37 1.37 0.00	45.52 1.80 0.00	53.21 2.03 0.00	47.97 1.55 0.00	55.68 1.82 0.00	69.81 2.11 0.00	80.95 1.13 0.00	70.22 1.37 0.00	83.11 2.76 0.00	71.78 2.94 0.00	62.51 3.13 0.00	53.22 2.64 0.00	40.11 2.02 0.00
SITHE___STERLING 23777	46.01 1.32 0.00	38.11 1.07 0.00	34.95 0.92 0.00	36.78 0.93 0.00	36.89 0.90 0.00	35.99 0.95 0.00	39.37 1.16 0.00	45.08 1.23 0.00	41.84 1.17 0.00	39.14 1.08 0.00	41.18 1.21 0.00	41.98 0.98 0.00	44.77 1.04 0.00	52.65 1.43 -0.04	47.79 1.37 0.00	55.59 1.67 -0.05	70.78 2.41 -0.68	84.30 3.03 -1.44	73.12 3.08 -1.19	84.18 3.83 0.00	72.05 3.21 0.00	61.95 2.56 0.00	52.52 1.94 0.00	39.33 1.24 0.00
SLEIGHT__34_KV_TB1 80719	44.91 0.22 0.00	37.03 -0.02 0.00	33.80 -0.23 0.00	35.71 -0.15 0.00	35.83 -0.16 0.00	34.91 -0.12 0.00	38.25 0.04 0.00	43.66 -0.19 0.00	40.54 -0.13 0.00	38.34 0.28 0.00	40.69 0.72 0.00	41.97 0.97 0.00	45.00 1.27 0.00	52.74 1.53 -0.03	47.69 1.28 0.00	55.57 1.67 -0.04	70.82 2.65 -0.48	83.84 2.99 -1.03	72.29 2.59 -0.85	83.59 3.24 0.00	71.03 2.20 0.00	61.14 1.76 0.00	51.80 1.22 0.00	38.89 0.80 0.00
SMITHTWN_69_KV_BK 1 55830	44.29 0.00 0.40	37.65 0.61 0.00	34.66 0.63 0.00	36.54 0.69 0.00	36.68 0.69 0.00	35.82 0.78 0.00	39.06 0.85 0.00	44.93 1.08 0.00	41.74 1.07 0.00	41.62 1.11 -2.45	42.28 1.40 -0.91	43.61 0.62 -2.00	43.98 0.16 -0.09	43.47 0.34 8.06	42.95 0.61 4.08	36.13 0.62 18.35	31.69 0.45 36.46	85.70 1.49 -4.38	69.52 0.67 0.00	79.42 0.03 0.96	68.78 -0.06 0.00	51.61 -0.20 7.57	44.97 0.13 5.74	36.25 0.39 2.23
SOUTH CAIRO___GT 23612	46.14 1.45 0.00	38.23 1.18 0.00	35.22 1.19 0.00	37.06 1.21 0.00	37.22 1.23 0.00	36.19 1.16 0.00	39.39 1.18 0.00	45.22 1.37 0.00	41.61 0.95 0.00	37.84 0.57 0.80	40.10 0.43 0.30	40.62 0.27 0.65	43.30 0.15 0.58	49.17 0.36 2.38	46.25 0.36 0.52	54.38 0.81 0.29	68.68 0.98 0.00	81.97 2.14 0.00	71.51 2.66 0.00	83.81 3.46 0.00	71.97 3.13 0.00	61.88 2.50 0.00	52.46 1.88 0.00	39.40 1.30 0.00
SOUTH HAMPTN___IC 23720	44.88 0.59 0.40	38.18 1.14 0.00	35.27 1.24 0.00	37.27 1.43 0.00	37.42 1.43 0.00	36.56 1.52 0.00	39.88 1.66 0.00	45.93 2.08 0.00	42.50 1.83 0.00	42.59 2.08 -2.45	42.98 2.10 -0.91	44.39 1.39 -2.00	44.72 0.91 -0.08	44.34 1.31 8.15	43.88 1.58 4.11	37.25 1.85 18.47	32.65 1.51 36.55	87.02 3.67 -3.52	71.47 2.62 0.00	81.67 2.29 0.97	70.75 1.91 0.00	52.93 1.16 7.62	45.94 1.14 5.78	36.84 1.00 2.25
SOUTHDOW_115KV_TB1 355954	45.79 1.11 0.00	37.50 0.46 0.00	33.99 -0.04 0.00	36.17 0.32 0.00	36.02 0.03 0.00	35.27 0.24 0.00	39.15 0.94 0.00	44.49 0.64 0.00	41.78 1.11 0.00	40.54 2.48 0.00	43.99 4.02 0.00	45.39 4.39 0.00	48.84 5.11 0.00	57.25 6.06 0.00	51.39 4.98 0.00	59.58 5.72 0.00	74.94 7.25 0.00	87.40 7.57 0.00	74.72 5.87 0.00	87.87 7.52 0.00	74.38 5.54 0.00	64.13 4.74 0.00	54.07 3.49 0.00	40.38 2.29 0.00
SOUTHOLD_69_KV_BK 2 55809	45.89 1.60 0.40	38.97 1.92 0.00	35.97 1.94 0.00	38.00 2.15 0.00	38.17 2.18 0.00	37.29 2.26 0.00	40.70 2.49 0.00	46.90 3.05 0.00	43.46 2.79 0.00	43.47 2.96 -2.45	44.01 3.12 -0.91	45.51 2.51 -2.00	45.94 2.14 -0.08	45.78 2.75 8.15	45.29 2.99 4.11	38.92 3.53 18.47	34.63 3.48 36.55	89.31 5.97 -3.52	73.44 4.59 0.00	83.89 4.51 0.97	72.52 3.68 0.00	54.49 2.73 7.62	47.25 2.45 5.78	37.78 1.93 2.25
SOUTHOLD___IC 23719	45.88 1.60 0.40	38.96 1.92 0.00	35.97 1.94 0.00	38.00 2.15 0.00	38.17 2.18 0.00	37.29 2.26 0.00	40.70 2.49 0.00	46.91 3.06 0.00	43.45 2.78 0.00	43.50 2.99 -2.45	44.01 3.12 -0.91	45.49 2.49 -2.00	45.94 2.13 -0.08	45.77 2.74 8.15	45.29 2.98 4.11	38.92 3.53 18.47	34.61 3.46 36.55	89.32 5.97 -3.52	73.45 4.60 0.00	83.89 4.50 0.97	72.51 3.67 0.00	54.49 2.73 7.62	47.21 2.41 5.78	37.77 1.92 2.25
SOUTH_FORK_WT_PWR 323839	46.09 1.80 0.40	39.15 2.10 0.00	36.14 2.11 0.00	38.19 2.34 0.00	38.35 2.36 0.00	37.47 2.44 0.00	40.89 2.68 0.00	47.14 3.30 0.00	43.65 2.98 0.00	43.68 3.17 -2.45	44.21 3.32 -0.91	45.71 2.71 -2.00	46.16 2.35 -0.08	46.02 2.99 8.15	45.53 3.23 4.11	39.20 3.80 18.47	34.76 3.61 36.55	89.49 6.14 -3.52	73.61 4.76 0.00	84.07 4.69 0.97	72.67 3.83 0.00	54.71 2.95 7.62	47.41 2.61 5.78	37.92 2.08 2.25
SPIERFLS_115KV_TB 1 80737	46.49 1.80 0.00	38.44 1.39 0.00	35.46 1.43 0.00	37.18 1.33 0.00	37.38 1.39 0.00	36.43 1.40 0.00	39.56 1.35 0.00	45.40 1.55 0.00	41.93 1.26 0.00	36.88 0.93 2.11	39.78 0.60 0.79	39.74 0.47 1.73	42.44 0.24 1.53	45.42 0.42 6.18	45.62 0.57 1.36	54.10 1.00 0.76	69.25 1.55 0.00	82.42 2.59 0.00	72.00 3.15 0.00	83.83 3.48 0.00	71.92 3.09 0.00	61.79 2.40 0.00	52.37 1.79 0.00	39.48 1.39 0.00
ST LAWRENCE____ 23600	45.12 0.43 0.00	37.47 0.42 0.00	34.31 0.28 0.00	36.19 0.34 0.00	36.32 0.33 0.00	35.36 0.33 0.00	38.58 0.37 0.00	44.37 0.53 0.00	41.22 0.55 0.00	38.56 0.50 0.00	40.28 0.31 0.00	41.41 0.41 0.00	44.36 0.63 0.00	51.80 0.61 0.00	46.84 0.43 0.00	54.31 0.45 0.00	68.24 0.54 0.00	79.81 -0.02 0.00	68.69 -0.16 0.00	80.41 0.06 0.00	69.03 0.19 0.00	59.75 0.36 0.00	50.84 0.27 0.00	38.33 0.24 0.00

STATE_CA_115KV_115_LB 55624	44.72 0.03 0.00	37.11 0.06 0.00	34.22 0.19 0.00	36.02 0.17 0.00	36.18 0.19 0.00	35.17 0.14 0.00	38.25 0.04 0.00	43.92 0.08 0.00	40.73 0.06 0.00	36.02 -0.09 1.96	39.06 -0.18 0.73	39.09 -0.30 1.60	41.81 -0.50 1.42	44.97 -0.44 5.78	44.85 -0.30 1.27	52.86 -0.29 0.71	67.17 -0.53 0.00	79.70 -0.13 0.00	68.88 0.03 0.00	80.05 -0.30 0.00	68.65 -0.19 0.00	59.15 -0.24 0.00	50.41 -0.17 0.00	37.99 -0.10 0.00
STATE_ST_34_KV_LOAD 55959	45.11 0.42 0.00	37.30 0.25 0.00	34.05 0.02 0.00	35.90 0.06 0.00	36.12 0.12 0.00	35.12 0.09 0.00	38.44 0.23 0.00	43.97 0.12 0.00	40.78 0.11 0.00	38.34 0.28 0.00	40.42 0.45 0.00	41.57 0.57 0.00	44.48 0.75 0.00	52.19 0.90 -0.10	47.28 0.86 0.00	54.85 0.84 -0.15	71.13 1.54 -1.89	85.70 1.84 -4.03	74.23 2.06 -3.33	83.13 2.78 0.00	70.70 1.86 0.00	60.88 1.50 0.00	51.66 1.08 0.00	38.66 0.57 0.00
STATION_5_MISC_HYD 23604	45.45 0.77 0.00	37.43 0.38 0.00	34.14 0.11 0.00	36.15 0.30 0.00	36.20 0.21 0.00	35.31 0.27 0.00	38.67 0.46 0.00	44.04 0.19 0.00	41.03 0.37 0.00	39.02 0.96 0.00	41.64 1.67 0.00	43.00 2.00 0.00	46.16 2.44 0.00	54.02 2.83 0.00	48.73 2.32 0.00	56.78 2.91 0.00	72.01 4.31 0.00	84.44 4.61 0.00	72.52 3.66 0.00	84.78 4.43 0.00	71.94 3.10 0.00	62.00 2.62 0.00	52.56 1.98 0.00	39.57 1.48 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.18 0.49 0.00	37.24 0.19 0.00	34.01 -0.02 0.00	35.96 0.11 0.00	36.04 0.05 0.00	35.16 0.12 0.00	38.51 0.30 0.00	43.96 0.11 0.00	40.83 0.16 0.00	38.68 0.61 0.00	41.12 1.15 0.00	42.39 1.39 0.00	45.45 1.73 0.00	53.21 2.00 -0.02	48.13 1.71 0.00	55.93 2.03 -0.04	71.25 3.11 -0.45	84.30 3.52 -0.95	72.62 2.98 -0.79	83.96 3.61 0.00	71.40 2.56 0.00	61.43 2.04 0.00	52.03 1.45 0.00	39.13 1.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.15 0.46 0.00	37.17 0.12 0.00	33.93 -0.10 0.00	35.90 0.05 0.00	35.96 -0.04 0.00	35.06 0.03 0.00	38.41 0.19 0.00	43.78 -0.06 0.00	40.75 0.08 0.00	38.76 0.69 0.00	41.32 1.35 0.00	42.65 1.66 0.00	45.80 2.07 0.00	53.59 2.40 0.00	48.39 1.98 0.00	56.37 2.51 0.00	71.50 3.81 0.00	83.88 4.05 0.00	72.10 3.24 0.00	84.23 3.88 0.00	71.48 2.64 0.00	61.57 2.19 0.00	52.19 1.61 0.00	39.27 1.18 0.00
STA_56___34_KV_BUS2 355983	45.15 0.46 0.00	37.17 0.12 0.00	33.93 -0.10 0.00	35.90 0.05 0.00	35.96 -0.04 0.00	35.06 0.03 0.00	38.41 0.19 0.00	43.78 -0.06 0.00	40.75 0.08 0.00	38.76 0.69 0.00	41.32 1.35 0.00	42.65 1.66 0.00	45.80 2.07 0.00	53.59 2.40 0.00	48.39 1.98 0.00	56.37 2.51 0.00	71.50 3.81 0.00	83.88 4.05 0.00	72.10 3.24 0.00	84.23 3.88 0.00	71.48 2.64 0.00	61.57 2.19 0.00	52.19 1.61 0.00	39.27 1.18 0.00
STA_67___115KV_BK2 355882	45.33 0.65 0.00	37.33 0.28 0.00	34.06 0.03 0.00	36.06 0.21 0.00	36.12 0.13 0.00	35.23 0.19 0.00	38.58 0.36 0.00	43.95 0.10 0.00	40.91 0.24 0.00	38.93 0.86 0.00	41.52 1.55 0.00	42.85 1.85 0.00	45.99 2.27 0.00	53.80 2.62 0.00	48.55 2.14 0.00	56.54 2.67 0.00	71.69 3.99 0.00	84.07 4.24 0.00	72.22 3.37 0.00	84.45 4.10 0.00	71.67 2.84 0.00	61.77 2.39 0.00	52.39 1.81 0.00	39.44 1.35 0.00
STA_7___115KV_9TRANS 80674	45.72 1.03 0.00	37.65 0.60 0.00	34.34 0.30 0.00	36.35 0.50 0.00	36.41 0.41 0.00	35.51 0.47 0.00	38.89 0.68 0.00	44.31 0.46 0.00	41.26 0.59 0.00	39.29 1.22 0.00	41.93 1.96 0.00	43.32 2.32 0.00	46.53 2.81 0.00	54.48 3.29 0.00	49.20 2.78 0.00	57.31 3.45 0.00	72.72 5.03 0.00	85.30 5.47 0.00	73.29 4.44 0.00	85.59 5.24 0.00	72.59 3.75 0.00	62.54 3.15 0.00	53.00 2.43 0.00	39.86 1.77 0.00
STA_82___115KV_TB1 80780	45.36 0.68 0.00	37.35 0.30 0.00	34.07 0.04 0.00	36.08 0.23 0.00	36.13 0.14 0.00	35.23 0.20 0.00	38.59 0.38 0.00	43.96 0.11 0.00	40.92 0.25 0.00	38.93 0.87 0.00	41.52 1.55 0.00	42.85 1.85 0.00	46.01 2.28 0.00	53.82 2.63 0.00	48.56 2.15 0.00	56.54 2.67 0.00	71.69 4.00 0.00	84.08 4.25 0.00	72.24 3.39 0.00	84.46 4.11 0.00	71.70 2.86 0.00	61.78 2.40 0.00	52.40 1.82 0.00	39.46 1.37 0.00
STEEL___WIND 323596	45.93 1.24 0.00	37.65 0.60 0.00	34.16 0.13 0.00	36.38 0.53 0.00	36.23 0.24 0.00	35.40 0.37 0.00	38.86 0.66 0.00	43.93 0.09 0.00	41.19 0.52 0.00	39.82 1.76 0.00	43.09 3.12 0.00	44.57 3.57 0.00	48.02 4.30 0.00	55.99 4.80 0.00	50.22 3.80 0.00	58.54 4.68 0.00	74.09 6.40 0.00	86.38 6.55 0.00	73.25 4.40 0.00	85.37 5.02 0.00	72.21 3.37 0.00	62.41 3.02 0.00	52.83 2.25 0.00	39.81 1.72 0.00
STEPHTWN_115KV_BK_2 55603	44.85 0.16 0.00	37.16 0.11 0.00	34.22 0.19 0.00	36.07 0.22 0.00	36.30 0.31 0.00	35.30 0.27 0.00	38.40 0.19 0.00	44.16 0.31 0.00	40.82 0.15 0.00	36.22 0.05 1.89	39.19 -0.07 0.71	39.25 -0.20 1.55	41.92 -0.43 1.37	45.29 -0.28 5.61	44.95 -0.23 1.24	53.03 -0.14 0.69	67.46 -0.23 0.00	80.04 0.21 0.00	69.24 0.39 0.00	80.51 0.16 0.00	68.94 0.10 0.00	59.26 -0.12 0.00	50.48 -0.09 0.00	38.10 0.02 0.00
STEBEN_REC_LFGE 323667	45.24 0.55 0.00	36.96 -0.08 0.00	33.62 -0.41 0.00	35.77 -0.08 0.00	35.87 -0.12 0.00	35.22 0.19 0.00	38.66 0.45 0.00	43.69 -0.16 0.00	40.51 -0.16 0.00	38.77 0.70 0.00	41.44 1.47 0.00	42.77 1.77 0.00	45.98 2.26 0.00	53.65 2.43 -0.04	48.40 1.98 0.00	56.36 2.44 -0.05	71.84 3.48 -0.66	85.45 4.21 -1.41	73.71 3.71 -1.16	85.46 5.11 0.00	72.71 3.88 0.00	62.23 2.84 0.00	52.21 1.63 0.00	39.13 1.04 0.00
STILLWATER___SOLAR 323814	46.27 1.58 0.00	38.31 1.26 0.00	35.30 1.27 0.00	37.08 1.23 0.00	37.28 1.28 0.00	36.31 1.27 0.00	39.46 1.25 0.00	45.26 1.42 0.00	41.80 1.13 0.00	36.57 0.84 2.33	39.77 0.67 0.87	39.62 0.53 1.91	42.38 0.34 1.69	44.91 0.58 6.85	45.52 0.62 1.51	53.94 0.92 0.84	68.98 1.29 0.00	82.01 2.18 0.00	71.28 2.43 0.00	83.04 2.69 0.00	71.22 2.38 0.00	61.26 1.87 0.00	52.11 1.53 0.00	39.25 1.16 0.00
STONY___BROOK 24151	44.24 -0.05 0.40	37.62 0.57 0.00	34.64 0.61 0.00	36.51 0.66 0.00	36.66 0.67 0.00	35.80 0.77 0.00	39.05 0.84 0.00	44.94 1.10 0.00	41.70 1.03 0.00	41.64 1.13 -2.45	42.22 1.33 -0.91	43.56 0.56 -2.00	43.90 0.09 -0.09	43.36 0.26 8.09	42.87 0.54 4.09	36.03 0.55 18.38	31.56 0.32 36.46	84.96 1.32 -3.82	69.30 0.45 0.00	79.18 -0.21 0.97	68.66 -0.18 0.00	51.55 -0.24 7.59	44.89 0.07 5.75	36.20 0.35 2.24
STURGEON_POOL_HYD 23609	45.29 0.60 0.00	37.53 0.48 0.00	34.49 0.46 0.00	36.27 0.42 0.00	36.44 0.45 0.00	35.49 0.46 0.00	38.73 0.52 0.00	44.58 0.73 0.00	41.36 0.69 0.00	39.88 0.60 -1.22	41.17 0.74 -0.46	42.62 0.63 -1.00	45.03 0.43 -0.88	55.33 0.55 -3.59	47.96 0.75 -0.80	55.07 0.76 -0.44	68.45 0.75 0.00	81.18 1.34 0.00	69.76 0.91 0.00	80.97 0.62 0.00	69.31 0.47 0.00	59.73 0.34 0.00	51.16 0.58 0.00	38.62 0.53 0.00

ST_LAW_115_BK7_LBMP 345037	45.19 0.51 0.00	37.52 0.47 0.00	34.37 0.34 0.00	36.24 0.39 0.00	36.37 0.38 0.00	35.41 0.37 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.28 0.62 0.00	38.62 0.56 0.00	40.32 0.35 0.00	41.44 0.44 0.00	44.41 0.68 0.00	51.86 0.68 0.00	46.88 0.47 0.00	54.34 0.47 0.00	68.29 0.60 0.00	79.80 -0.04 0.00	68.68 -0.18 0.00	80.39 0.04 0.00	69.04 0.20 0.00	59.79 0.40 0.00	50.89 0.31 0.00	38.37 0.28 0.00
ST_LAW_115_BK8_LBMP 345038	45.19 0.51 0.00	37.52 0.47 0.00	34.37 0.34 0.00	36.24 0.39 0.00	36.37 0.38 0.00	35.41 0.37 0.00	38.63 0.42 0.00	44.44 0.60 0.00	41.28 0.62 0.00	38.62 0.56 0.00	40.32 0.35 0.00	41.44 0.44 0.00	44.41 0.68 0.00	51.86 0.68 0.00	46.88 0.47 0.00	54.34 0.47 0.00	68.29 0.60 0.00	79.80 -0.04 0.00	68.68 -0.18 0.00	80.39 0.04 0.00	69.04 0.20 0.00	59.79 0.40 0.00	50.89 0.31 0.00	38.37 0.28 0.00
ST_LAW_230_BK5_LBMP 345035	45.12 0.43 0.00	37.47 0.42 0.00	34.31 0.28 0.00	36.19 0.34 0.00	36.32 0.33 0.00	35.36 0.33 0.00	38.58 0.37 0.00	44.37 0.53 0.00	41.22 0.55 0.00	38.56 0.50 0.00	40.28 0.31 0.00	41.41 0.41 0.00	44.36 0.63 0.00	51.80 0.61 0.00	46.84 0.43 0.00	54.31 0.45 0.00	68.24 0.54 0.00	79.81 -0.02 0.00	68.69 -0.16 0.00	80.41 0.06 0.00	69.03 0.19 0.00	59.75 0.36 0.00	50.84 0.27 0.00	38.33 0.24 0.00
ST_LAW_230_BK6_LBMP 345036	45.12 0.43 0.00	37.47 0.42 0.00	34.31 0.28 0.00	36.19 0.34 0.00	36.32 0.33 0.00	35.36 0.33 0.00	38.58 0.37 0.00	44.37 0.53 0.00	41.22 0.55 0.00	38.56 0.50 0.00	40.28 0.31 0.00	41.41 0.41 0.00	44.36 0.63 0.00	51.80 0.61 0.00	46.84 0.43 0.00	54.31 0.45 0.00	68.24 0.54 0.00	79.81 -0.02 0.00	68.69 -0.16 0.00	80.41 0.06 0.00	69.03 0.19 0.00	59.75 0.36 0.00	50.84 0.27 0.00	38.33 0.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.31 0.62 0.00	37.55 0.50 0.00	34.49 0.46 0.00	36.29 0.44 0.00	36.47 0.48 0.00	35.53 0.49 0.00	38.77 0.56 0.00	44.59 0.74 0.00	41.36 0.69 0.00	40.76 0.59 -2.11	41.50 0.74 -0.79	43.38 0.66 -1.73	45.72 0.46 -1.53	58.07 0.65 -6.23	48.56 0.77 -1.37	55.43 0.80 -0.77	68.50 0.81 0.00	81.22 1.39 0.00	69.82 0.97 0.00	81.06 0.71 0.00	69.34 0.50 0.00	59.78 0.39 0.00	51.21 0.63 0.00	38.66 0.57 0.00
SWANROAD_115KV_TB1 355699	44.74 0.05 0.00	36.72 -0.33 0.00	33.33 -0.70 0.00	35.54 -0.31 0.00	35.46 -0.54 0.00	34.61 -0.42 0.00	37.96 -0.25 0.00	42.83 -1.02 0.00	40.04 -0.62 0.00	38.77 0.70 0.00	41.85 1.88 0.00	43.24 2.24 0.00	46.66 2.93 0.00	54.17 2.98 0.00	48.50 2.08 0.00	56.56 2.70 0.00	71.56 3.87 0.00	83.16 3.33 0.00	70.92 2.07 0.00	82.91 2.56 0.00	70.18 1.34 0.00	60.83 1.45 0.00	51.71 1.13 0.00	39.20 1.11 0.00
SYNERGY___BIOGAS 323694	46.65 1.96 0.00	38.27 1.22 0.00	34.76 0.73 0.00	36.94 1.09 0.00	36.92 0.92 0.00	36.05 1.01 0.00	39.56 1.35 0.00	44.85 1.01 0.00	41.78 1.11 0.00	39.74 1.68 0.00	42.21 2.24 0.00	43.55 2.55 0.00	46.93 3.21 0.00	54.80 3.62 0.00	49.25 2.83 0.00	57.59 3.73 0.00	73.12 5.42 0.00	85.58 5.75 0.00	73.25 4.40 0.00	86.02 5.67 0.00	72.87 4.04 0.00	63.08 3.69 0.00	54.16 3.58 0.00	40.82 2.73 0.00
SYRACUSE___ENERGY_ST1 323597	44.52 -0.17 0.00	36.82 -0.22 0.00	33.75 -0.28 0.00	35.58 -0.27 0.00	35.72 -0.27 0.00	34.79 -0.24 0.00	38.04 -0.17 0.00	43.57 -0.28 0.00	40.37 -0.30 0.00	37.90 -0.17 0.00	39.95 -0.02 0.00	41.07 0.07 0.00	43.88 0.16 0.00	51.58 0.28 -0.12	46.69 0.27 0.00	54.38 0.34 -0.18	70.56 0.61 -2.25	85.52 0.90 -4.80	73.72 0.91 -3.96	81.53 1.18 0.00	69.59 0.75 0.00	59.89 0.51 0.00	50.86 0.28 0.00	38.17 0.08 0.00
SYRACUSE___ENERGY_ST2 323598	44.52 -0.17 0.00	36.82 -0.22 0.00	33.75 -0.28 0.00	35.58 -0.27 0.00	35.72 -0.27 0.00	34.79 -0.24 0.00	38.04 -0.17 0.00	43.57 -0.28 0.00	40.37 -0.30 0.00	37.90 -0.17 0.00	39.95 -0.02 0.00	41.07 0.07 0.00	43.88 0.16 0.00	51.58 0.28 -0.12	46.69 0.27 0.00	54.38 0.34 -0.18	70.56 0.61 -2.25	85.52 0.90 -4.80	73.72 0.91 -3.96	81.53 1.18 0.00	69.59 0.75 0.00	59.89 0.51 0.00	50.86 0.28 0.00	38.17 0.08 0.00
SYRACUSE___POWER 24017	44.48 -0.20 0.00	36.78 -0.26 0.00	33.73 -0.30 0.00	35.55 -0.29 0.00	35.68 -0.31 0.00	34.76 -0.27 0.00	38.00 -0.21 0.00	43.53 -0.32 0.00	40.36 -0.31 0.00	37.90 -0.17 0.00	39.94 -0.03 0.00	41.04 0.04 0.00	43.84 0.12 0.00	51.49 0.23 -0.08	46.65 0.23 0.00	54.32 0.34 -0.12	69.79 0.60 -1.50	83.92 0.91 -3.19	72.34 0.86 -2.63	81.48 1.13 0.00	69.57 0.74 0.00	59.86 0.48 0.00	50.81 0.23 0.00	38.14 0.05 0.00
TALLMAN_138KV_BK151 55660	45.47 0.78 0.00	37.65 0.60 0.00	34.56 0.52 0.00	36.36 0.51 0.00	36.54 0.55 0.00	35.62 0.58 0.00	38.91 0.69 0.00	44.76 0.92 0.00	41.53 0.87 0.00	41.07 0.76 -2.25	41.75 0.94 -0.84	43.69 0.85 -1.84	46.00 0.64 -1.63	58.69 0.87 -6.64	48.85 0.97 -1.46	55.72 1.04 -0.82	68.72 1.02 0.00	81.47 1.64 0.00	69.93 1.08 0.00	81.09 0.74 0.00	69.35 0.52 0.00	59.79 0.41 0.00	51.32 0.74 0.00	38.77 0.68 0.00
TEALLAVE_115KV_TB7 355573	44.22 -0.47 0.00	36.57 -0.48 0.00	33.53 -0.50 0.00	35.35 -0.50 0.00	35.47 -0.52 0.00	34.56 -0.47 0.00	37.77 -0.44 0.00	43.26 -0.58 0.00	40.13 -0.53 0.00	37.69 -0.37 0.00	39.76 -0.22 0.00	40.86 -0.14 0.00	43.64 -0.09 0.00	51.22 -0.03 -0.07	46.41 -0.01 0.00	54.01 0.05 -0.10	69.16 0.22 -1.24	82.92 0.44 -2.65	71.45 0.41 -2.19	80.91 0.57 0.00	69.09 0.25 0.00	59.46 0.08 0.00	50.49 -0.09 0.00	37.91 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	45.68 0.99 0.00	37.48 0.43 0.00	34.04 0.01 0.00	36.23 0.38 0.00	36.17 0.18 0.00	35.30 0.27 0.00	38.73 0.52 0.00	43.82 -0.03 0.00	40.93 0.26 0.00	39.42 1.36 0.00	42.38 2.41 0.00	43.79 2.79 0.00	47.23 3.51 0.00	55.00 3.81 0.00	49.30 2.89 0.00	57.57 3.71 0.00	72.86 5.16 0.00	84.96 5.13 0.00	72.58 3.73 0.00	84.94 4.59 0.00	71.90 3.06 0.00	62.20 2.82 0.00	52.90 2.32 0.00	39.98 1.89 0.00
TEMPLE___115KV_TB 2 55572	44.23 -0.45 0.00	36.58 -0.47 0.00	33.55 -0.48 0.00	35.36 -0.49 0.00	35.48 -0.51 0.00	34.58 -0.46 0.00	37.79 -0.42 0.00	43.28 -0.56 0.00	40.15 -0.52 0.00	37.71 -0.35 0.00	39.78 -0.19 0.00	40.89 -0.11 0.00	43.67 -0.05 0.00	51.27 0.02 -0.06	46.44 0.03 0.00	54.06 0.10 -0.10	69.22 0.28 -1.24	82.99 0.52 -2.64	71.48 0.44 -2.18	80.95 0.60 0.00	69.12 0.28 0.00	59.47 0.09 0.00	50.51 -0.07 0.00	37.93 -0.16 0.00
TIANA___69_KV_BK 1 55817	44.65 0.36 0.40	38.00 0.95 0.00	35.09 1.06 0.00	37.09 1.24 0.00	37.24 1.24 0.00	36.38 1.35 0.00	39.68 1.47 0.00	45.67 1.82 0.00	42.27 1.60 0.00	42.33 1.82 -2.45	42.74 1.85 -0.91	44.14 1.14 -2.00	44.44 0.63 -0.08	44.01 0.98 8.15	43.55 1.24 4.11	36.86 1.47 18.47	32.22 1.07 36.55	86.47 3.12 -3.52	70.99 2.14 0.00	81.14 1.76 0.97	70.34 1.50 0.00	52.59 0.82 7.62	45.71 0.91 5.78	36.64 0.80 2.25

TILDEN___115KV_TB1 80814	44.48 -0.20 0.00	36.78 -0.26 0.00	33.73 -0.30 0.00	35.55 -0.29 0.00	35.68 -0.31 0.00	34.76 -0.27 0.00	38.00 -0.21 0.00	43.53 -0.32 0.00	40.36 -0.31 0.00	37.90 -0.17 0.00	39.94 -0.03 0.00	41.04 0.04 0.00	43.84 0.12 0.00	51.49 0.23 -0.08	46.65 0.23 0.00	54.32 0.34 -0.12	69.79 0.60 -1.50	83.92 0.91 -3.19	72.34 0.86 -2.63	81.48 1.13 0.00	69.57 0.74 0.00	59.86 0.48 0.00	50.81 0.23 0.00	38.14 0.05 0.00
TRIGEN___CC 323695	44.86 0.26 0.08	37.57 0.53 0.00	34.49 0.46 0.00	36.27 0.42 0.00	36.43 0.44 0.00	35.54 0.51 0.00	38.77 0.56 0.00	44.63 0.78 0.00	41.51 0.85 0.00	41.28 0.78 -2.45	42.01 1.13 -0.91	43.62 0.62 -2.00	45.45 0.35 -1.37	55.34 0.41 -3.73	47.31 0.62 -0.27	50.73 0.51 3.64	59.55 0.38 8.52	80.86 1.03 0.00	69.34 0.49 0.00	80.06 -0.06 0.23	68.67 -0.16 0.00	57.44 -0.23 1.71	49.80 0.18 0.96	38.15 0.42 0.35
TRINITY___115KV___4 BK 55933	44.51 -0.18 0.00	36.95 -0.09 0.00	34.08 0.05 0.00	35.88 0.03 0.00	36.05 0.06 0.00	35.03 -0.01 0.00	38.07 -0.13 0.00	43.72 -0.12 0.00	40.53 -0.13 0.00	35.88 -0.28 1.91	38.86 -0.39 0.72	38.90 -0.54 1.56	41.57 -0.77 1.38	44.74 -0.79 5.65	44.54 -0.63 1.25	52.48 -0.68 0.70	66.67 -1.03 0.00	79.07 -0.76 0.00	68.35 -0.50 0.00	79.43 -0.92 0.00	68.16 -0.68 0.00	58.74 -0.65 0.00	50.08 -0.50 0.00	37.77 -0.32 0.00
UNION___PROCESSING_DRP 323587	45.37 0.68 0.00	37.36 0.31 0.00	34.08 0.05 0.00	36.09 0.24 0.00	36.14 0.15 0.00	35.25 0.21 0.00	38.60 0.39 0.00	43.98 0.13 0.00	40.93 0.26 0.00	38.94 0.87 0.00	41.53 1.56 0.00	42.86 1.86 0.00	46.01 2.28 0.00	53.82 2.64 0.00	48.58 2.16 0.00	56.56 2.70 0.00	71.72 4.02 0.00	84.11 4.28 0.00	72.27 3.42 0.00	84.51 4.16 0.00	71.71 2.88 0.00	61.82 2.44 0.00	52.42 1.84 0.00	39.47 1.38 0.00
UPPER HUDSON___HYD 24058	46.49 1.81 0.00	38.44 1.39 0.00	35.46 1.43 0.00	37.18 1.33 0.00	37.38 1.39 0.00	36.43 1.40 0.00	39.56 1.35 0.00	45.40 1.55 0.00	41.93 1.26 0.00	36.88 0.93 2.11	39.78 0.60 0.79	39.74 0.47 1.73	42.44 0.24 1.53	45.41 0.41 6.18	45.62 0.57 1.36	54.10 1.00 0.76	69.25 1.55 0.00	82.42 2.59 0.00	72.00 3.15 0.00	83.83 3.48 0.00	71.92 3.09 0.00	61.79 2.40 0.00	52.37 1.79 0.00	39.48 1.39 0.00
UPPER RAQUET___HYD 24056	46.58 1.90 0.00	38.71 1.67 0.00	35.43 1.40 0.00	37.28 1.43 0.00	37.44 1.44 0.00	36.48 1.45 0.00	39.87 1.66 0.00	45.87 2.02 0.00	42.53 1.86 0.00	39.69 1.63 0.00	41.32 1.34 0.00	42.41 1.41 0.00	45.46 1.73 0.00	53.15 1.95 -0.02	47.98 1.56 0.00	55.65 1.76 -0.03	69.94 1.89 -0.35	80.85 0.27 -0.74	69.67 0.20 -0.62	81.22 0.87 0.00	70.02 1.18 0.00	61.00 1.62 0.00	52.17 1.59 0.00	39.42 1.33 0.00
VALLEY44_115KV_TB2 355964	44.89 0.20 0.00	36.82 -0.23 0.00	33.48 -0.56 0.00	35.65 -0.20 0.00	35.66 -0.33 0.00	34.86 -0.17 0.00	38.38 0.17 0.00	43.53 -0.31 0.00	40.48 -0.19 0.00	39.04 0.98 0.00	42.10 2.13 0.00	43.26 2.26 0.00	46.33 2.61 0.00	54.13 2.94 0.00	48.40 1.98 0.00	55.89 2.03 0.00	70.05 2.35 0.00	81.53 1.70 0.00	70.42 1.57 0.00	83.25 2.90 0.00	70.88 2.04 0.00	61.12 1.74 0.00	51.89 1.32 0.00	39.27 1.18 0.00
VALLEY___115KV_TB 1-4 80826	45.38 0.69 0.00	37.57 0.52 0.00	34.62 0.59 0.00	36.43 0.58 0.00	36.60 0.61 0.00	35.63 0.59 0.00	38.77 0.56 0.00	44.34 0.49 0.00	40.84 0.17 0.00	37.90 -0.16 0.00	39.67 -0.30 0.00	40.60 -0.40 0.00	43.06 -0.67 0.00	50.58 -0.61 0.00	46.01 -0.40 0.00	53.53 -0.33 0.00	67.37 -0.32 0.00	80.42 0.59 0.00	70.01 1.16 0.00	81.85 1.49 0.00	70.15 1.31 0.00	60.35 0.97 0.00	51.33 0.75 0.00	38.61 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.97 1.28 0.00	38.03 0.98 0.00	35.00 0.97 0.00	36.86 1.01 0.00	36.99 1.00 0.00	36.04 1.00 0.00	39.32 1.10 0.00	45.10 1.26 0.00	41.88 1.21 0.00	39.31 1.25 0.00	41.37 1.40 0.00	42.39 1.39 0.00	45.24 1.52 0.00	53.02 1.81 -0.02	48.13 1.72 0.00	55.87 1.98 -0.04	70.64 2.51 -0.44	84.00 3.22 -0.94	72.45 2.83 -0.78	83.51 3.16 0.00	71.38 2.54 0.00	61.44 2.06 0.00	52.33 1.75 0.00	39.36 1.27 0.00
VISCHER___FERRY HYD 24020	45.52 0.83 0.00	37.76 0.71 0.00	34.82 0.79 0.00	36.60 0.74 0.00	36.80 0.80 0.00	35.79 0.76 0.00	38.88 0.67 0.00	44.62 0.77 0.00	41.25 0.59 0.00	35.55 0.35 2.87	39.15 0.25 1.07	38.74 0.09 2.35	41.49 -0.16 2.08	42.66 -0.06 8.46	44.57 0.02 1.86	52.93 0.11 1.04	67.75 0.06 0.00	80.41 0.58 0.00	69.69 0.84 0.00	80.99 0.64 0.00	69.57 0.73 0.00	59.94 0.55 0.00	51.08 0.50 0.00	38.52 0.43 0.00
V_A_10_SYNC_DSASP 323832	44.98 0.30 0.00	36.97 -0.08 0.00	33.62 -0.41 0.00	35.79 -0.06 0.00	35.77 -0.22 0.00	34.88 -0.15 0.00	38.24 0.03 0.00	43.30 -0.55 0.00	40.43 -0.23 0.00	38.96 0.90 0.00	41.94 1.97 0.00	43.30 2.31 0.00	46.53 2.81 0.00	54.17 2.99 0.00	48.55 2.13 0.00	56.50 2.64 0.00	71.33 3.63 0.00	83.21 3.38 0.00	71.24 2.39 0.00	83.46 3.11 0.00	70.74 1.90 0.00	61.14 1.76 0.00	51.91 1.33 0.00	39.22 1.13 0.00
V_CMM_10_SYNC_DSASP 323787	45.43 0.74 0.00	37.72 0.68 0.00	34.55 0.52 0.00	36.43 0.58 0.00	36.56 0.57 0.00	35.60 0.57 0.00	38.84 0.63 0.00	44.70 0.85 0.00	41.52 0.85 0.00	38.83 0.77 0.00	40.55 0.58 0.00	41.68 0.68 0.00	44.66 0.94 0.00	52.16 0.97 0.00	47.14 0.72 0.00	54.65 0.79 0.00	68.68 0.98 0.00	80.23 0.40 0.00	69.03 0.18 0.00	80.85 0.50 0.00	69.43 0.60 0.00	60.14 0.76 0.00	51.18 0.60 0.00	38.59 0.49 0.00
V_CMP_10_SYNC_DSASP 323788	44.95 0.26 0.00	37.56 0.51 0.00	34.43 0.40 0.00	36.29 0.44 0.00	36.42 0.43 0.00	35.47 0.43 0.00	38.72 0.51 0.00	44.61 0.76 0.00	41.44 0.77 0.00	38.77 0.71 0.00	40.48 0.51 0.00	41.89 0.89 0.00	45.06 1.33 0.00	52.39 1.21 0.00	47.45 1.03 0.00	54.90 1.04 0.00	68.87 1.18 0.00	80.45 0.62 0.00	68.97 0.12 0.00	80.42 0.07 0.00	69.27 0.44 0.00	59.85 0.47 0.00	50.84 0.26 0.00	38.49 0.40 0.00
V_D_10_SYNC_DSASP 323841	45.93 1.25 0.00	38.14 1.09 0.00	34.93 0.90 0.00	36.81 0.96 0.00	36.95 0.96 0.00	35.99 0.95 0.00	39.27 1.06 0.00	45.18 1.33 0.00	41.97 1.30 0.00	39.23 1.16 0.00	40.93 0.96 0.00	42.06 1.06 0.00	45.09 1.36 0.00	52.67 1.48 0.00	47.59 1.17 0.00	55.18 1.31 0.00	69.28 1.59 0.00	80.52 0.69 0.00	69.33 0.48 0.00	81.27 0.92 0.00	69.84 1.01 0.00	60.71 1.33 0.00	51.70 1.12 0.00	38.99 0.90 0.00
V_E_10_SYNC_DSASP 323830	47.62 2.93 0.00	39.34 2.29 0.00	36.04 2.02 0.00	38.08 2.24 0.00	38.24 2.25 0.00	37.43 2.39 0.00	41.08 2.87 0.00	46.92 3.08 0.00	43.49 2.82 0.00	40.85 2.79 0.00	42.76 2.79 0.00	43.70 2.70 0.00	46.90 3.17 0.00	54.98 3.75 -0.05	49.89 3.48 0.00	58.08 4.14 -0.07	74.06 5.43 -0.95	88.90 7.05 -2.01	77.34 6.83 -1.66	88.90 8.55 0.00	75.94 7.10 0.00	64.88 5.50 0.00	54.64 4.07 0.00	40.78 2.69 0.00

V_F_30_NSYNC___DSASP 323816	46.32 1.64 0.00	38.34 1.30 0.00	35.33 1.30 0.00	37.12 1.26 0.00	37.31 1.31 0.00	36.34 1.31 0.00	39.52 1.30 0.00	45.33 1.48 0.00	41.87 1.20 0.00	36.76 0.93 2.23	39.91 0.78 0.84	39.83 0.66 1.83	42.60 0.49 1.62	45.38 0.74 6.55	45.76 0.78 1.44	54.17 1.11 0.81	69.22 1.53 0.00	82.26 2.44 0.00	71.46 2.61 0.00	83.23 2.88 0.00	71.36 2.52 0.00	61.37 1.99 0.00	52.21 1.63 0.00	39.32 1.23 0.00
V_F_30_SYNC_DSASP 323786	44.71 0.02 0.00	37.11 0.06 0.00	34.22 0.19 0.00	36.01 0.16 0.00	36.18 0.19 0.00	35.17 0.13 0.00	38.25 0.04 0.00	43.92 0.08 0.00	40.73 0.06 0.00	36.01 -0.10 1.95	39.06 -0.18 0.73	39.09 -0.31 1.60	41.81 -0.50 1.41	44.97 -0.45 5.77	44.84 -0.30 1.27	52.85 -0.30 0.71	67.17 -0.53 0.00	79.70 -0.13 0.00	68.87 0.02 0.00	80.04 -0.31 0.00	68.65 -0.19 0.00	59.14 -0.24 0.00	50.41 -0.18 0.00	37.98 -0.11 0.00
V_XM_10_SYNC_DSASP 323789	44.95 0.26 0.00	37.56 0.51 0.00	34.43 0.40 0.00	36.29 0.44 0.00	36.42 0.43 0.00	35.47 0.43 0.00	38.72 0.51 0.00	44.61 0.76 0.00	41.44 0.77 0.00	38.77 0.71 0.00	40.48 0.51 0.00	41.89 0.89 0.00	45.06 1.33 0.00	52.39 1.21 0.00	47.45 1.03 0.00	54.90 1.04 0.00	68.87 1.18 0.00	80.45 0.62 0.00	68.97 0.12 0.00	80.42 0.07 0.00	69.27 0.44 0.00	59.85 0.47 0.00	50.84 0.26 0.00	38.49 0.40 0.00
W.BABYLN_69_KV_BK1 56697	44.79 0.45 0.35	37.91 0.86 0.00	34.86 0.83 0.00	36.69 0.84 0.00	36.84 0.85 0.00	35.97 0.94 0.00	39.22 1.01 0.00	45.13 1.28 0.00	41.98 1.32 0.00	41.76 1.25 -2.45	42.49 1.61 -0.91	43.91 0.91 -2.00	44.46 0.46 -0.28	45.42 0.57 6.35	43.78 0.81 3.44	38.44 0.78 16.20	36.18 0.73 32.24	80.33 1.66 1.16	69.73 0.88 0.00	79.96 0.46 0.86	69.18 0.34 0.00	52.90 0.23 6.72	46.15 0.63 5.06	36.86 0.73 1.97
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.70 1.01 0.00	37.85 0.80 0.00	34.74 0.71 0.00	36.55 0.70 0.00	36.73 0.74 0.00	35.80 0.76 0.00	39.11 0.90 0.00	45.02 1.17 0.00	41.77 1.11 0.00	41.34 0.98 -2.29	41.97 1.15 -0.86	43.96 1.09 -1.87	46.29 0.90 -1.66	59.13 1.17 -6.77	49.16 1.26 -1.49	56.06 1.37 -0.83	69.18 1.49 0.00	82.02 2.19 0.00	70.39 1.54 0.00	81.61 1.26 0.00	69.78 0.94 0.00	60.15 0.76 0.00	51.59 1.00 0.00	38.96 0.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.59 0.90 0.00	37.79 0.74 0.00	34.69 0.66 0.00	36.46 0.61 0.00	36.64 0.65 0.00	35.74 0.70 0.00	39.07 0.86 0.00	44.99 1.15 0.00	41.83 1.16 0.00	41.62 1.11 -2.45	42.20 1.31 -0.91	44.21 1.21 -2.00	46.49 0.99 -1.77	59.56 1.15 -7.22	49.26 1.25 -1.59	56.00 1.25 -0.89	68.93 1.23 0.00	81.69 1.86 0.00	70.07 1.22 0.00	81.13 0.78 0.00	69.38 0.54 0.00	59.83 0.45 0.00	51.46 0.88 0.00	38.97 0.88 0.00
W50THST__13_KV_LOAD 356117	45.85 1.17 0.00	37.99 0.94 0.00	34.86 0.83 0.00	36.65 0.80 0.00	36.83 0.83 0.00	35.93 0.90 0.00	39.33 1.12 0.00	45.30 1.45 0.00	42.14 1.47 0.00	41.94 1.43 -2.45	42.57 1.68 -0.91	44.60 1.60 -2.00	46.90 1.41 -1.77	60.03 1.63 -7.22	49.69 1.68 -1.59	56.48 1.73 -0.89	69.46 1.77 0.00	82.32 2.49 0.00	70.55 1.70 0.00	81.64 1.29 0.00	69.77 0.93 0.00	60.16 0.77 0.00	51.76 1.18 0.00	39.20 1.11 0.00
WADING RIVER_IC_1 23522	43.99 -0.30 0.40	37.54 0.50 0.00	34.74 0.70 0.00	36.76 0.91 0.00	36.90 0.91 0.00	36.04 1.01 0.00	39.30 1.09 0.00	45.24 1.39 0.00	41.75 1.08 0.00	41.88 1.37 -2.45	42.09 1.21 -0.91	43.43 0.43 -2.00	43.59 -0.22 -0.08	43.03 0.01 8.16	42.62 0.32 4.11	35.75 0.36 18.48	30.63 -0.50 36.57	84.88 1.52 -3.54	69.65 0.80 0.00	79.62 0.24 0.97	69.23 0.39 0.00	51.60 -0.16 7.62	44.88 0.09 5.78	36.02 0.17 2.25
WADING RIVER_IC_2 23547	43.99 -0.30 0.40	37.54 0.50 0.00	34.74 0.70 0.00	36.76 0.91 0.00	36.90 0.91 0.00	36.04 1.01 0.00	39.30 1.09 0.00	45.24 1.39 0.00	41.75 1.08 0.00	41.88 1.37 -2.45	42.09 1.21 -0.91	43.43 0.43 -2.00	43.59 -0.22 -0.08	43.03 0.01 8.16	42.62 0.32 4.11	35.75 0.36 18.48	30.63 -0.50 36.57	84.88 1.52 -3.54	69.65 0.80 0.00	79.62 0.24 0.97	69.23 0.39 0.00	51.60 -0.16 7.62	44.88 0.09 5.78	36.02 0.17 2.25
WADING RIVER_IC_3 23601	43.99 -0.30 0.40	37.54 0.50 0.00	34.74 0.70 0.00	36.76 0.91 0.00	36.90 0.91 0.00	36.04 1.01 0.00	39.30 1.09 0.00	45.24 1.39 0.00	41.75 1.08 0.00	41.88 1.37 -2.45	42.09 1.21 -0.91	43.43 0.43 -2.00	43.59 -0.22 -0.08	43.03 0.01 8.16	42.62 0.32 4.11	35.75 0.36 18.48	30.63 -0.50 36.57	84.88 1.52 -3.54	69.65 0.80 0.00	79.62 0.24 0.97	69.23 0.39 0.00	51.60 -0.16 7.62	44.88 0.09 5.78	36.02 0.17 2.25
WALDENNY_12_KV_BK2 80841	45.98 1.29 0.00	37.69 0.65 0.00	34.19 0.16 0.00	36.42 0.57 0.00	36.29 0.30 0.00	35.45 0.42 0.00	38.92 0.71 0.00	44.03 0.18 0.00	41.24 0.58 0.00	39.94 1.87 0.00	43.18 3.21 0.00	44.67 3.67 0.00	48.18 4.46 0.00	56.14 4.95 0.00	50.39 3.97 0.00	58.73 4.86 0.00	74.32 6.63 0.00	86.59 6.76 0.00	73.46 4.61 0.00	85.57 5.22 0.00	72.35 3.51 0.00	62.51 3.13 0.00	52.94 2.36 0.00	39.91 1.82 0.00
WALDEN___HYDRO 24148	45.53 0.84 0.00	37.71 0.66 0.00	34.63 0.60 0.00	36.44 0.58 0.00	36.60 0.61 0.00	35.66 0.63 0.00	38.93 0.72 0.00	44.79 0.94 0.00	41.53 0.86 0.00	40.72 0.73 -1.93	41.56 0.87 -0.72	43.35 0.77 -1.58	45.70 0.58 -1.40	57.66 0.78 -5.69	48.57 0.90 -1.25	55.54 0.98 -0.70	68.80 1.11 0.00	81.64 1.81 0.00	70.21 1.36 0.00	81.53 1.18 0.00	69.76 0.92 0.00	60.11 0.73 0.00	51.47 0.89 0.00	38.84 0.75 0.00
WARRENSBURG____ 23737	46.49 1.80 0.00	38.44 1.39 0.00	35.46 1.43 0.00	37.18 1.33 0.00	37.38 1.39 0.00	36.43 1.40 0.00	39.56 1.35 0.00	45.40 1.55 0.00	41.93 1.26 0.00	36.88 0.93 2.11	39.78 0.60 0.79	39.74 0.47 1.73	42.44 0.24 1.53	45.42 0.42 6.18	45.62 0.57 1.36	54.10 1.00 0.76	69.25 1.55 0.00	82.42 2.59 0.00	72.00 3.15 0.00	83.83 3.48 0.00	71.92 3.09 0.00	61.79 2.40 0.00	52.37 1.79 0.00	39.48 1.39 0.00
WATERSIDE___6 8 9 23538	45.59 0.90 0.00	37.80 0.75 0.00	34.70 0.67 0.00	36.46 0.61 0.00	36.66 0.66 0.00	35.73 0.70 0.00	39.10 0.89 0.00	44.96 1.12 0.00	41.88 1.21 0.00	41.62 1.12 -2.45	42.19 1.30 -0.91	44.21 1.21 -2.00	46.47 0.98 -1.77	59.54 1.13 -7.22	49.26 1.26 -1.59	55.82 1.07 -0.89	68.79 1.10 0.00	81.59 1.76 0.00	69.93 1.08 0.00	81.01 0.66 0.00	69.21 0.37 0.00	59.79 0.41 0.00	51.55 0.97 0.00	39.09 1.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.08 0.39 0.00	37.34 0.29 0.00	34.39 0.36 0.00	36.19 0.34 0.00	36.36 0.36 0.00	35.38 0.35 0.00	38.53 0.32 0.00	44.10 0.25 0.00	40.70 0.03 0.00	37.85 -0.21 0.00	39.67 -0.30 0.00	40.61 -0.38 0.00	43.13 -0.59 0.00	50.61 -0.58 0.00	46.01 -0.40 0.00	53.49 -0.37 0.00	67.27 -0.43 0.00	80.08 0.25 0.00	69.51 0.66 0.00	81.23 0.88 0.00	69.64 0.80 0.00	59.94 0.55 0.00	51.01 0.43 0.00	38.37 0.28 0.00

WDELAWARE___HYD 323627	44.92 0.23 0.00	37.17 0.12 0.00	34.13 0.09 0.00	35.87 0.03 0.00	36.03 0.04 0.00	35.11 0.07 0.00	38.32 0.11 0.00	44.09 0.25 0.00	40.89 0.22 0.00	39.72 0.12 -1.54	40.69 0.15 -0.57	42.30 0.04 -1.26	44.73 -0.11 -1.11	55.50 -0.22 -4.53	46.32 -1.10 -1.00	53.15 -1.28 -0.56	66.18 -1.52 0.00	78.78 -1.05 0.00	68.01 -0.85 0.00	79.33 -1.03 0.00	69.49 0.65 0.00	59.69 0.31 0.00	50.98 0.40 0.00	38.38 0.30 0.00
WEST BABYLON___IC 23714	44.79 0.45 0.35	37.91 0.86 0.00	34.86 0.83 0.00	36.69 0.84 0.00	36.84 0.85 0.00	35.97 0.94 0.00	39.22 1.01 0.00	45.13 1.28 0.00	41.98 1.32 0.00	41.76 1.25 -2.45	42.49 1.61 -0.91	43.91 0.91 -2.00	44.46 0.46 -0.28	45.42 0.57 6.35	43.78 0.81 3.44	38.44 0.78 16.20	36.18 0.73 32.24	80.33 1.66 1.16	69.73 0.88 0.00	79.96 0.46 0.86	69.18 0.34 0.00	52.90 0.23 6.72	46.15 0.63 5.06	36.86 0.73 1.97
WEST CANADA___HYD 24049	44.65 -0.04 0.00	37.02 -0.03 0.00	34.03 0.00 0.00	35.84 -0.01 0.00	35.99 0.00 0.00	35.03 0.00 0.00	38.18 -0.03 0.00	43.81 -0.04 0.00	40.61 -0.06 0.00	37.98 -0.09 0.00	39.89 -0.08 0.00	40.87 -0.13 0.00	43.54 -0.19 0.00	50.99 -0.20 0.00	46.27 -0.14 0.00	53.72 -0.14 0.00	67.51 -0.19 0.00	79.78 -0.04 0.00	68.89 0.04 0.00	80.36 0.01 0.00	68.84 0.00 0.00	59.32 -0.06 0.00	50.53 -0.05 0.00	38.05 -0.05 0.00
WESTERN_NY_WIND 24143	46.60 1.91 0.00	38.23 1.18 0.00	34.73 0.70 0.00	36.91 1.06 0.00	36.88 0.88 0.00	36.01 0.98 0.00	39.51 1.30 0.00	44.81 0.96 0.00	41.73 1.06 0.00	39.75 1.69 0.00	42.28 2.31 0.00	43.61 2.61 0.00	47.01 3.29 0.00	54.88 3.69 0.00	49.31 2.89 0.00	57.67 3.81 0.00	73.21 5.51 0.00	85.68 5.84 0.00	73.32 4.47 0.00	86.09 5.74 0.00	72.91 4.08 0.00	63.11 3.73 0.00	54.10 3.52 0.00	40.77 2.68 0.00
WESTOVER___LESR 323668	44.84 0.15 0.00	37.04 -0.01 0.00	33.93 -0.10 0.00	35.86 0.01 0.00	35.93 -0.06 0.00	35.05 0.02 0.00	38.35 0.14 0.00	43.87 0.02 0.00	40.69 0.02 0.00	38.30 0.23 0.00	40.52 0.55 0.00	41.56 0.56 0.00	44.47 0.75 0.00	52.08 0.85 -0.05	47.14 0.73 0.00	54.87 0.93 -0.07	69.81 1.20 -0.91	83.39 1.62 -1.94	71.73 1.29 -1.60	82.16 1.81 0.00	70.03 1.20 0.00	60.30 0.92 0.00	51.19 0.60 0.00	38.44 0.35 0.00
WETHRSFD_WT_PWR 323626	45.00 0.31 0.00	36.87 -0.17 0.00	33.50 -0.53 0.00	35.62 -0.23 0.00	35.54 -0.45 0.00	34.72 -0.31 0.00	38.10 -0.11 0.00	43.11 -0.74 0.00	40.19 -0.48 0.00	38.58 0.51 0.00	41.52 1.55 0.00	42.92 1.92 0.00	46.26 2.53 0.00	53.91 2.73 0.00	48.42 2.01 0.00	56.42 2.55 0.00	71.40 3.70 0.00	83.80 3.97 0.00	71.60 2.74 0.00	84.08 3.73 0.00	71.29 2.45 0.00	61.38 1.99 0.00	51.85 1.27 0.00	38.97 0.88 0.00
WHAVSTOR_138KV_BK127 55557	45.39 0.70 0.00	37.61 0.56 0.00	34.52 0.49 0.00	36.33 0.48 0.00	36.51 0.51 0.00	35.58 0.55 0.00	38.86 0.65 0.00	44.71 0.86 0.00	41.48 0.81 0.00	41.05 0.69 -2.30	41.65 0.82 -0.86	43.60 0.72 -1.88	45.88 0.49 -1.66	58.65 0.67 -6.79	48.70 0.79 -1.50	55.50 0.81 -0.84	68.45 0.75 0.00	81.14 1.31 0.00	69.67 0.81 0.00	80.78 0.43 0.00	69.11 0.27 0.00	59.60 0.21 0.00	51.15 0.57 0.00	38.66 0.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.39 0.70 0.00	37.61 0.56 0.00	34.52 0.49 0.00	36.33 0.48 0.00	36.51 0.51 0.00	35.58 0.55 0.00	38.86 0.65 0.00	44.71 0.86 0.00	41.48 0.81 0.00	41.05 0.69 -2.30	41.65 0.82 -0.86	43.60 0.72 -1.88	45.88 0.49 -1.66	58.65 0.67 -6.79	48.70 0.79 -1.50	55.50 0.81 -0.84	68.45 0.75 0.00	81.14 1.31 0.00	69.67 0.81 0.00	80.78 0.43 0.00	69.11 0.27 0.00	59.60 0.21 0.00	51.15 0.57 0.00	38.66 0.57 0.00
WHITEHAL_115KV_TB1 80871	48.38 3.70 0.00	39.88 2.83 0.00	36.77 2.74 0.00	38.30 2.45 0.00	38.55 2.55 0.00	37.71 2.67 0.00	40.86 2.64 0.00	46.83 2.98 0.00	43.01 2.34 0.00	37.48 1.58 2.16	40.59 1.43 0.81	40.77 1.54 1.77	43.55 1.39 1.56	46.36 1.51 6.34	46.90 1.87 1.39	55.76 2.68 0.78	71.56 3.87 0.00	85.28 5.45 0.00	74.15 5.30 0.00	86.29 5.94 0.00	74.01 5.18 0.00	63.65 4.27 0.00	53.87 3.29 0.00	40.73 2.64 0.00
WHITEPLN_13_KV_LOAD 356215	45.94 1.26 0.00	38.06 1.01 0.00	34.93 0.90 0.00	36.74 0.89 0.00	36.91 0.92 0.00	35.98 0.95 0.00	39.33 1.12 0.00	45.30 1.45 0.00	42.09 1.42 0.00	41.84 1.33 -2.44	42.44 1.56 -0.91	44.46 1.47 -2.00	46.78 1.29 -1.77	59.97 1.58 -7.20	49.63 1.63 -1.59	56.54 1.79 -0.89	69.72 2.03 0.00	82.70 2.87 0.00	70.94 2.09 0.00	82.18 1.83 0.00	70.24 1.40 0.00	60.51 1.13 0.00	51.90 1.32 0.00	39.22 1.13 0.00
WM_FLOYD_69_KV_BK2 356380	44.25 -0.03 0.40	37.67 0.62 0.00	34.76 0.73 0.00	36.71 0.86 0.00	36.85 0.85 0.00	35.99 0.95 0.00	39.26 1.05 0.00	45.17 1.32 0.00	41.82 1.16 0.00	41.76 1.25 -2.45	42.21 1.32 -0.91	43.55 0.55 -2.00	43.81 0.00 -0.09	43.26 0.20 8.13	42.78 0.46 4.10	35.94 0.51 18.43	31.24 0.03 36.49	84.96 1.70 -3.44	69.80 0.95 0.00	79.86 0.48 0.97	69.26 0.42 0.00	51.81 0.03 7.60	45.11 0.30 5.77	36.27 0.43 2.24
WOODARD___115KV_TB2 355635	44.16 -0.52 0.00	36.54 -0.51 0.00	33.51 -0.52 0.00	35.32 -0.53 0.00	35.45 -0.55 0.00	34.53 -0.50 0.00	37.73 -0.48 0.00	43.22 -0.63 0.00	40.08 -0.59 0.00	37.63 -0.43 0.00	39.67 -0.30 0.00	40.77 -0.22 0.00	43.54 -0.18 0.00	51.13 -0.14 -0.09	46.29 -0.13 0.00	53.90 -0.10 -0.13	69.38 0.04 -1.65	83.55 0.22 -3.50	71.97 0.23 -2.89	80.71 0.36 0.00	68.92 0.08 0.00	59.34 -0.05 0.00	50.40 -0.18 0.00	37.84 -0.25 0.00
WOODMERE_69_KV_BK1 55827	45.45 0.78 0.03	37.98 0.93 0.00	34.85 0.82 0.00	36.64 0.79 0.00	36.78 0.79 0.00	35.89 0.86 0.00	39.16 0.95 0.00	45.08 1.23 0.00	41.96 1.29 0.00	41.73 1.22 -2.45	42.54 1.65 -0.91	44.18 1.18 -2.00	46.31 0.99 -1.59	58.10 1.13 -5.78	48.74 1.31 -1.02	54.09 1.34 1.12	65.44 1.51 3.77	82.27 2.45 0.00	70.57 1.72 0.00	81.61 1.35 0.10	69.79 0.95 0.00	59.33 0.64 0.69	51.38 0.87 0.07	39.00 0.91 0.00
YORK___WARBASSE 23770	45.66 0.97 0.00	37.88 0.83 0.00	34.76 0.73 0.00	36.53 0.68 0.00	36.73 0.73 0.00	35.80 0.77 0.00	39.17 0.96 0.00	45.04 1.19 0.00	41.92 1.25 0.00	41.62 1.11 -2.45	42.21 1.33 -0.91	44.23 1.23 -2.00	46.48 0.99 -1.77	59.55 1.14 -7.22	49.31 1.30 -1.59	55.81 1.06 -0.89	68.83 1.14 0.00	81.61 1.78 0.00	70.01 1.16 0.00	81.15 0.80 0.00	69.33 0.49 0.00	59.93 0.55 0.00	51.75 1.17 0.00	39.25 1.17 0.00