

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/12/2025

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	52.98	56.97	58.38	57.39	61.94	58.40	57.07	76.11	76.99	60.87	65.21	54.69	74.61	62.22	59.86	58.71	55.95	53.86	52.26	54.88	61.47	89.46	77.09	46.48
24138	2.27	2.36	2.32	2.33	2.51	2.49	2.58	3.82	4.32	3.39	3.71	3.20	4.40	3.76	3.72	3.65	3.59	3.33	3.22	3.36	3.51	4.64	3.81	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	52.92	56.91	58.34	57.34	61.90	58.35	57.05	76.08	76.89	60.79	65.16	54.67	74.57	62.18	59.80	58.65	55.90	53.82	52.27	54.89	61.46	89.47	77.14	46.52
24260	2.21	2.30	2.29	2.28	2.47	2.44	2.57	3.79	4.22	3.32	3.67	3.17	4.37	3.72	3.66	3.59	3.53	3.29	3.23	3.37	3.50	4.65	3.86	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	52.92	56.91	58.34	57.34	61.90	58.35	57.05	76.08	76.89	60.79	65.16	54.67	74.57	62.18	59.80	58.65	55.90	53.82	52.27	54.89	61.46	89.47	77.14	46.52
24261	2.21	2.30	2.29	2.28	2.47	2.44	2.57	3.79	4.22	3.32	3.67	3.17	4.37	3.72	3.66	3.59	3.53	3.29	3.23	3.37	3.50	4.65	3.86	2.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	53.03	57.22	58.72	57.63	62.17	58.55	57.21	76.18	76.58	60.26	64.29	53.62	73.06	60.88	58.62	57.70	55.06	53.30	51.85	54.53	61.13	89.25	76.67	46.29
24011	2.32	2.61	2.66	2.58	2.74	2.64	2.72	3.88	3.90	2.79	2.79	2.13	2.85	2.43	2.48	2.64	2.70	2.77	2.81	3.01	3.17	4.43	3.40	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	53.36	57.67	59.15	58.06	62.61	59.02	57.66	76.80	77.10	60.55	64.57	53.83	73.39	61.11	58.86	57.97	55.37	53.73	52.30	55.01	61.64	90.04	77.23	46.65
23798	2.65	3.06	3.09	3.00	3.18	3.11	3.17	4.51	4.43	3.08	3.07	2.34	3.18	2.65	2.71	2.91	3.01	3.21	3.26	3.49	3.68	5.22	3.95	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	53.03	57.22	58.72	57.63	62.17	58.55	57.21	76.18	76.58	60.26	64.29	53.62	73.06	60.88	58.62	57.70	55.06	53.30	51.85	54.53	61.13	89.25	76.67	46.29
24028	2.32	2.61	2.66	2.58	2.74	2.64	2.72	3.88	3.90	2.79	2.79	2.13	2.85	2.43	2.48	2.64	2.70	2.77	2.81	3.01	3.17	4.43	3.40	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	51.99	55.96	57.44	56.38	60.86	57.09	55.76	74.26	74.65	58.74	62.83	52.46	71.53	59.71	57.43	56.52	53.83	51.79	50.32	52.85	59.31	86.61	74.93	45.29
23527	1.28	1.35	1.38	1.32	1.43	1.17	1.27	1.97	1.98	1.26	1.33	0.97	1.32	1.25	1.29	1.46	1.46	1.26	1.28	1.34	1.35	1.80	1.65	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	50.47	54.33	55.81	54.77	59.15	55.70	54.39	72.37	72.87	57.51	61.57	51.46	70.20	58.54	56.29	55.32	52.67	50.77	49.29	51.75	58.08	84.78	73.15	44.25
24190	-0.24	-0.27	-0.25	-0.29	-0.28	-0.21	-0.10	0.07	0.19	0.03	0.07	-0.03	-0.01	0.08	0.14	0.25	0.30	0.24	0.25	0.23	0.12	-0.03	-0.13	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	50.80	54.88	56.33	55.36	59.77	56.12	54.55	72.04	72.13	57.33	61.35	51.53	70.09	58.44	56.28	55.11	52.35	50.76	49.18	51.72	58.34	85.65	73.71	44.60
355683	0.09	0.27	0.27	0.30	0.35	0.21	0.06	-0.25	-0.55	-0.14	-0.15	0.03	-0.12	-0.01	0.14	0.05	-0.01	0.23	0.14	0.20	0.38	0.83	0.43	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.62	55.57	57.10	56.04	60.52	56.98	55.63	73.96	74.43	58.69	62.76	52.39	71.42	59.50	57.25	56.31	53.67	51.74	50.27	52.83	59.28	86.53	74.69	45.14
323833	0.91	0.96	1.04	0.98	1.10	1.07	1.15	1.67	1.75	1.21	1.26	0.89	1.21	1.04	1.10	1.25	1.31	1.22	1.23	1.31	1.33	1.71	1.41	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	51.61	55.57	57.08	56.01	60.51	56.98	55.63	73.92	74.41	58.68	62.73	52.38	71.39	59.48	57.24	56.30	53.66	51.73	50.27	52.82	59.27	86.50	74.67	45.12
323834	0.90	0.96	1.02	0.96	1.08	1.07	1.14	1.63	1.74	1.20	1.23	0.89	1.18	1.02	1.09	1.24	1.30	1.20	1.23	1.30	1.32	1.68	1.40	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.47	54.33	55.81	54.77	59.15	55.70	54.39	72.37	72.87	57.51	61.57	51.46	70.20	58.54	56.29	55.32	52.67	50.77	49.29	51.75	58.08	84.78	73.15	44.25
23571	-0.24	-0.27	-0.25	-0.29	-0.28	-0.21	-0.10	0.07	0.19	0.03	0.07	-0.03	-0.01	0.08	0.14	0.25	0.30	0.24	0.25	0.23	0.12	-0.03	-0.13	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	50.47 -0.24 0.00	54.33 -0.27 0.00	55.81 -0.25 0.00	54.77 -0.29 0.00	59.15 -0.28 0.00	55.70 -0.21 0.00	54.39 -0.10 0.00	72.37 0.07 0.00	72.87 0.19 0.00	57.51 0.03 0.00	61.57 0.07 0.00	51.46 -0.03 0.00	70.20 -0.01 0.00	58.54 0.08 0.00	56.29 0.14 0.00	55.32 0.25 0.00	52.67 0.30 0.00	50.77 0.24 0.00	49.29 0.25 0.00	51.75 0.23 0.00	58.08 0.12 0.00	84.78 -0.03 0.00	73.15 -0.13 0.00	44.25 0.02 0.00
ALBANY___3 23573	50.47 -0.24 0.00	54.33 -0.27 0.00	55.81 -0.25 0.00	54.77 -0.29 0.00	59.15 -0.28 0.00	55.70 -0.21 0.00	54.39 -0.10 0.00	72.37 0.07 0.00	72.87 0.19 0.00	57.51 0.03 0.00	61.57 0.07 0.00	51.46 -0.03 0.00	70.20 -0.01 0.00	58.54 0.08 0.00	56.29 0.14 0.00	55.32 0.25 0.00	52.67 0.30 0.00	50.77 0.24 0.00	49.29 0.25 0.00	51.75 0.23 0.00	58.08 0.12 0.00	84.78 -0.03 0.00	73.15 -0.13 0.00	44.25 0.02 0.00
ALBANY___4 23574	50.47 -0.24 0.00	54.33 -0.27 0.00	55.81 -0.25 0.00	54.77 -0.29 0.00	59.15 -0.28 0.00	55.70 -0.21 0.00	54.39 -0.10 0.00	72.37 0.07 0.00	72.87 0.19 0.00	57.51 0.03 0.00	61.57 0.07 0.00	51.46 -0.03 0.00	70.20 -0.01 0.00	58.54 0.08 0.00	56.29 0.14 0.00	55.32 0.25 0.00	52.67 0.30 0.00	50.77 0.24 0.00	49.29 0.25 0.00	51.75 0.23 0.00	58.08 0.12 0.00	84.78 -0.03 0.00	73.15 -0.13 0.00	44.25 0.02 0.00
ALBANY___LFGE 323615	51.03 0.32 0.00	54.92 0.32 0.00	56.41 0.35 0.00	55.38 0.32 0.00	59.81 0.38 0.00	56.31 0.40 0.00	54.99 0.50 0.00	73.15 0.86 0.00	73.68 1.00 0.00	58.14 0.66 0.00	62.26 0.76 0.00	52.02 0.53 0.00	70.97 0.76 0.00	59.18 0.73 0.00	56.91 0.76 0.00	55.92 0.86 0.00	53.25 0.88 0.00	51.33 0.80 0.00	49.84 0.79 0.00	52.33 0.81 0.00	58.71 0.75 0.00	85.72 0.90 0.00	73.93 0.65 0.00	44.70 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	51.27 0.56 0.00	55.22 0.61 0.00	56.66 0.60 0.00	55.68 0.62 0.00	60.12 0.69 0.00	56.44 0.53 0.00	54.85 0.36 0.00	72.12 -0.17 0.00	72.51 -0.16 0.00	57.85 0.37 0.00	61.83 0.33 0.00	51.73 0.24 0.00	70.08 -0.13 0.00	58.42 -0.03 0.00	56.46 0.32 0.00	55.31 0.25 0.00	52.55 0.19 0.00	50.99 0.46 0.00	49.26 0.21 0.00	52.01 0.49 0.00	58.66 0.70 0.00	85.78 0.97 0.00	74.17 0.89 0.00	45.07 0.84 0.00
ALCOA_RYNLDS___DRP 24188	51.27 0.56 0.00	55.22 0.61 0.00	56.66 0.60 0.00	55.68 0.62 0.00	60.12 0.69 0.00	56.44 0.53 0.00	54.85 0.36 0.00	72.12 -0.17 0.00	72.51 -0.16 0.00	57.85 0.37 0.00	61.83 0.33 0.00	51.73 0.24 0.00	70.08 -0.13 0.00	58.42 -0.03 0.00	56.46 0.32 0.00	55.31 0.25 0.00	52.55 0.19 0.00	50.99 0.46 0.00	49.26 0.21 0.00	52.01 0.49 0.00	58.66 0.70 0.00	85.78 0.97 0.00	74.17 0.89 0.00	45.07 0.84 0.00
ALCOA___DSASP 323711	51.27 0.56 0.00	55.22 0.61 0.00	56.66 0.60 0.00	55.69 0.62 0.00	60.13 0.70 0.00	56.44 0.53 0.00	54.85 0.36 0.00	72.13 -0.16 0.00	72.52 -0.16 0.00	57.85 0.37 0.00	61.83 0.33 0.00	51.73 0.24 0.00	70.08 -0.13 0.00	58.42 -0.03 0.00	56.46 0.32 0.00	55.31 0.25 0.00	52.55 0.19 0.00	50.99 0.46 0.00	49.26 0.21 0.00	52.01 0.49 0.00	58.66 0.70 0.00	85.78 0.96 0.00	74.17 0.90 0.00	45.07 0.84 0.00
ALLEGHENY___COGEN 23514	52.55 1.84 0.00	56.71 2.10 0.00	58.07 2.01 0.00	57.14 2.07 0.00	61.37 1.95 0.00	57.79 1.88 0.00	56.40 1.92 0.00	74.26 1.97 0.00	74.32 1.65 0.00	58.39 0.91 0.00	62.11 0.61 0.00	51.91 0.42 0.00	70.52 0.31 0.00	58.16 -0.30 0.00	55.21 -0.94 0.00	54.05 -1.02 0.00	51.23 -1.13 0.00	49.55 -0.98 0.00	48.56 -0.48 0.00	51.74 0.22 0.00	58.81 0.85 0.00	85.73 0.91 0.00	74.43 1.15 0.00	44.60 0.38 0.00
ALTAMONT_115KV_TB 2 55880	51.18 0.47 0.00	55.11 0.50 0.00	56.61 0.56 0.00	55.56 0.49 0.00	59.98 0.55 0.00	56.48 0.56 0.00	55.14 0.65 0.00	73.32 1.03 0.00	73.79 1.12 0.00	58.26 0.78 0.00	62.36 0.86 0.00	52.16 0.66 0.00	71.12 0.90 0.00	59.27 0.82 0.00	56.97 0.82 0.00	55.96 0.90 0.00	53.28 0.92 0.00	51.37 0.84 0.00	49.88 0.84 0.00	52.39 0.87 0.00	58.82 0.87 0.00	85.87 1.06 0.00	74.12 0.84 0.00	44.78 0.55 0.00
ALTONA_WT_PWR 323606	51.76 1.04 0.00	55.42 0.82 0.00	56.88 0.82 0.00	55.74 0.67 0.00	60.22 0.80 0.00	56.69 0.77 0.00	55.26 0.78 0.00	73.09 0.79 0.00	73.62 0.95 0.00	58.41 0.93 0.00	62.39 0.89 0.00	52.20 0.70 0.00	71.22 1.01 0.00	59.34 0.88 0.00	56.97 0.83 0.00	55.90 0.84 0.00	53.25 0.88 0.00	51.55 1.02 0.00	50.05 1.01 0.00	52.68 1.16 0.00	59.32 1.36 0.00	86.78 1.96 0.00	75.08 1.80 0.00	45.53 1.30 0.00
AMERICAN_REF_FUEL 24010	48.57 -2.14 0.00	52.63 -1.98 0.00	53.81 -2.24 0.00	53.05 -2.01 0.00	56.74 -2.69 0.00	53.29 -2.62 0.00	51.62 -2.86 0.00	67.07 -5.22 0.00	66.94 -5.74 0.00	52.71 -4.77 0.00	56.30 -5.20 0.00	47.41 -4.09 0.00	64.73 -5.47 0.00	53.59 -4.87 0.00	50.94 -5.20 0.00	49.72 -5.34 0.00	46.45 -5.92 0.00	44.26 -6.27 0.00	43.26 -5.78 0.00	45.95 -5.57 0.00	52.34 -5.61 0.00	76.20 -8.61 0.00	67.24 -6.04 0.00	40.41 -3.81 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.72 1.01 0.00	56.01 1.40 0.00	57.24 1.19 0.00	56.39 1.33 0.00	60.49 1.06 0.00	56.82 0.91 0.00	55.28 0.79 0.00	72.40 0.11 0.00	72.27 -0.41 0.00	56.79 -0.69 0.00	60.98 -0.52 0.00	51.23 -0.27 0.00	70.00 -0.21 0.00	57.85 -0.61 0.00	54.89 -1.26 0.00	53.56 -1.50 0.00	50.45 -1.91 0.00	48.11 -2.42 0.00	46.94 -2.10 0.00	49.67 -1.85 0.00	56.44 -1.52 0.00	82.32 -2.50 0.00	71.72 -1.56 0.00	43.23 -0.99 0.00
ARTHUR KILL_GT_1 23520	58.70 2.16 -5.82	58.21 2.14 -1.47	58.57 2.05 -0.46	57.18 2.11 -0.02	61.66 2.22 -0.01	59.04 2.27 -0.86	57.34 2.51 -0.35	75.86 3.56 -0.01	80.16 4.02 -3.46	69.89 3.12 -9.29	76.56 3.35 -11.71	59.26 2.90 -4.87	74.90 3.97 -0.72	61.85 3.38 -0.01	60.71 3.37 -1.19	77.90 3.35 -19.48	69.64 3.28 -14.00	87.44 3.08 -33.84	57.14 3.04 -5.06	62.45 3.14 -7.79	82.48 3.38 -21.15	95.65 4.51 -6.33	89.08 3.71 -12.09	63.22 2.24 -16.76
ARTHUR_KILL_2 23512	58.56 2.02 -5.82	58.07 2.00 -1.47	58.42 1.91 -0.46	57.04 1.96 -0.02	61.50 2.06 -0.01	58.89 2.11 -0.86	57.18 2.35 -0.35	75.64 3.34 -0.01	79.94 3.80 -3.46	69.72 2.95 -9.29	76.37 3.17 -11.71	59.11 2.74 -4.87	74.69 3.76 -0.72	61.67 3.21 -0.01	60.54 3.21 -1.19	77.74 3.20 -19.48	69.50 3.14 -14.00	87.29 2.92 -33.84	56.99 2.89 -5.06	62.29 2.99 -7.79	82.31 3.20 -21.15	95.40 4.26 -6.33	88.87 3.50 -12.09	63.09 2.11 -16.76
ARTHUR_KILL_3 23513	58.09 1.57 -5.82	57.69 1.62 -1.46	58.10 1.58 -0.46	56.65 1.59 0.00	61.16 1.73 0.00	57.67 1.76 0.00	56.39 1.90 0.00	75.22 2.93 0.00	76.04 3.36 0.00	65.20 2.60 -5.13	76.09 2.89 -11.70	58.87 2.50 -4.87	74.38 3.45 -0.72	61.44 2.99 0.00	60.29 2.96 -1.18	77.43 2.89 -19.47	69.25 2.89 -13.99	87.05 2.70 -33.83	56.76 2.66 -5.06	62.06 2.76 -7.78	77.46 2.79 -16.72	88.55 3.64 -0.09	76.27 2.99 0.00	57.12 1.76 -11.13

ARTHUR_KILL_COGEN 323718	58.70 2.16 -5.82	58.21 2.14 -1.47	58.57 2.05 -0.46	57.18 2.11 -0.02	61.66 2.22 -0.01	59.04 2.27 -0.86	57.34 2.51 -0.35	75.86 3.56 -0.01	80.16 4.02 -3.46	69.89 3.12 -9.29	76.56 3.35 -11.71	59.26 2.90 -4.87	74.90 3.97 -0.72	61.85 3.38 -0.01	60.71 3.37 -1.19	77.90 3.35 -19.48	69.64 3.28 -14.00	87.44 3.08 -33.84	57.14 3.04 -5.06	62.45 3.14 -7.79	82.48 3.38 -21.15	95.65 4.51 -6.33	89.08 3.71 -12.09	63.22 2.24 -16.76
ASHOKAN____ 23654	52.64 1.93 0.00	56.58 1.97 0.00	58.11 2.06 0.00	57.05 1.99 0.00	61.67 2.24 0.00	58.19 2.28 0.00	56.95 2.46 0.00	76.01 3.71 0.00	76.78 4.11 0.00	60.71 3.24 0.00	65.09 3.59 0.00	54.54 3.04 0.00	74.36 4.15 0.00	62.01 3.55 0.00	59.55 3.41 0.00	58.50 3.43 0.00	55.70 3.34 0.00	53.74 3.21 0.00	52.19 3.15 0.00	54.85 3.33 0.00	61.45 3.49 0.00	89.39 4.57 0.00	76.98 3.70 0.00	46.31 2.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	52.73 2.03 0.00	56.73 2.13 0.00	58.27 2.22 0.00	57.30 2.23 0.00	61.84 2.42 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.96 3.67 0.00	76.85 4.17 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.58 3.09 0.00	74.47 4.26 0.00	62.12 3.66 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.78 3.41 -0.01	53.74 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.40 3.44 0.00	89.39 4.57 0.00	77.02 3.74 0.00	46.39 2.16 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	52.73 2.03 0.00	56.73 2.13 0.00	58.27 2.22 0.00	57.30 2.23 0.00	61.84 2.42 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.96 3.67 0.00	76.85 4.17 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.58 3.09 0.00	74.47 4.26 0.00	62.12 3.66 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.78 3.41 -0.01	53.74 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.40 3.44 0.00	89.39 4.57 0.00	77.02 3.74 0.00	46.39 2.16 -0.01
ASTORIA_GT2_1 24094	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT2_2 24095	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT2_3 24096	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT2_4 24097	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT3_1 24098	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT3_2 24099	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT3_3 24100	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT3_4 24101	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT4_1 24102	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT4_2 24103	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT4_3 24104	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01

ASTORIA_GT4_4 24105	52.73 2.03 0.00	56.73 2.12 0.00	58.27 2.21 0.00	57.29 2.23 0.00	61.83 2.40 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.97 3.67 0.00	76.85 4.18 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.59 3.09 0.00	74.47 4.26 0.00	62.11 3.65 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.79 3.42 -0.01	53.75 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.41 3.45 0.00	89.39 4.58 0.00	77.03 3.75 0.00	46.38 2.15 -0.01
ASTORIA_GT_1 23523	52.81 2.11 0.00	56.83 2.22 0.00	58.33 2.28 0.00	57.37 2.31 0.00	61.92 2.49 0.00	58.37 2.46 0.00	57.03 2.55 0.00	76.06 3.77 0.00	76.97 4.30 0.00	60.87 3.39 0.00	65.18 3.68 0.00	54.67 3.17 0.00	74.59 4.39 0.00	62.21 3.75 0.00	59.80 3.65 0.00	58.63 3.57 0.00	55.87 3.50 -0.01	53.82 3.29 0.00	52.27 3.23 0.00	54.92 3.40 0.00	61.51 3.55 0.00	89.52 4.70 0.00	77.14 3.86 0.00	46.47 2.24 -0.01
ASTORIA_GT_10 24110	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.68 2.26 0.00	58.17 2.26 0.00	56.87 2.39 0.00	75.80 3.50 0.00	76.66 3.98 0.00	60.64 3.16 0.00	64.98 3.48 0.00	54.51 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.51 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.14 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.39 0.00	76.92 3.64 0.00	46.47 2.15 -0.09
ASTORIA_GT_11 24225	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.68 2.26 0.00	58.17 2.26 0.00	56.87 2.39 0.00	75.80 3.50 0.00	76.66 3.98 0.00	60.64 3.16 0.00	64.98 3.48 0.00	54.51 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.51 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.14 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.39 0.00	76.92 3.64 0.00	46.47 2.15 -0.09
ASTORIA_GT_12 24226	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.68 2.26 0.00	58.17 2.26 0.00	56.87 2.39 0.00	75.80 3.50 0.00	76.66 3.98 0.00	60.64 3.16 0.00	64.98 3.48 0.00	54.51 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.51 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.14 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.39 0.00	76.92 3.64 0.00	46.47 2.15 -0.09
ASTORIA_GT_13 24227	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.68 2.26 0.00	58.17 2.26 0.00	56.87 2.39 0.00	75.80 3.50 0.00	76.66 3.98 0.00	60.64 3.16 0.00	64.98 3.48 0.00	54.51 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.51 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.14 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.39 0.00	76.92 3.64 0.00	46.47 2.15 -0.09
ASTORIA_GT_5 24106	52.82 2.10 0.00	56.83 2.22 0.00	58.33 2.27 0.00	57.38 2.31 0.00	61.90 2.48 0.00	58.37 2.46 0.00	57.04 2.55 0.00	76.07 3.77 0.00	76.97 4.30 0.00	60.88 3.40 0.00	65.18 3.68 0.00	54.67 3.17 0.00	74.59 4.39 0.00	62.21 3.75 0.00	59.80 3.65 0.00	58.64 3.57 0.00	55.87 3.50 -0.01	53.82 3.29 0.00	52.27 3.23 0.00	54.92 3.40 0.00	61.50 3.54 0.00	89.53 4.71 0.00	77.15 3.87 0.00	46.47 2.23 -0.01
ASTORIA_GT_7 24107	52.82 2.10 0.00	56.83 2.22 0.00	58.33 2.27 0.00	57.38 2.31 0.00	61.90 2.48 0.00	58.37 2.46 0.00	57.04 2.55 0.00	76.07 3.77 0.00	76.97 4.30 0.00	60.88 3.40 0.00	65.18 3.68 0.00	54.67 3.17 0.00	74.59 4.39 0.00	62.21 3.75 0.00	59.80 3.65 0.00	58.64 3.57 0.00	55.87 3.50 -0.01	53.82 3.29 0.00	52.27 3.23 0.00	54.92 3.40 0.00	61.50 3.54 0.00	89.53 4.71 0.00	77.15 3.87 0.00	46.47 2.23 -0.01
ASTORIA_GT_8 24108	52.82 2.10 0.00	56.83 2.22 0.00	58.33 2.27 0.00	57.38 2.31 0.00	61.90 2.48 0.00	58.37 2.46 0.00	57.04 2.55 0.00	76.07 3.77 0.00	76.97 4.30 0.00	60.88 3.40 0.00	65.18 3.68 0.00	54.67 3.17 0.00	74.59 4.39 0.00	62.21 3.75 0.00	59.80 3.65 0.00	58.64 3.57 0.00	55.87 3.50 -0.01	53.82 3.29 0.00	52.27 3.23 0.00	54.92 3.40 0.00	61.50 3.54 0.00	89.53 4.71 0.00	77.15 3.87 0.00	46.47 2.23 -0.01
ASTORIA___2 24149	52.73 2.03 0.00	56.73 2.13 0.00	58.27 2.22 0.00	57.30 2.23 0.00	61.84 2.42 0.00	58.29 2.38 0.00	56.95 2.47 0.00	75.96 3.67 0.00	76.85 4.17 0.00	60.78 3.30 0.00	65.10 3.60 0.00	54.58 3.09 0.00	74.47 4.26 0.00	62.12 3.66 0.00	59.70 3.55 0.00	58.54 3.48 0.00	55.78 3.41 -0.01	53.74 3.21 0.00	52.18 3.14 0.00	54.82 3.30 0.00	61.40 3.44 0.00	89.39 4.57 0.00	77.02 3.74 0.00	46.39 2.16 -0.01
ASTORIA___3 23516	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.70 2.27 0.00	58.16 2.25 0.00	56.87 2.39 0.00	75.79 3.50 0.00	76.66 3.98 0.00	60.63 3.15 0.00	64.98 3.48 0.00	54.50 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.52 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.38 0.00	76.92 3.64 0.00	46.46 2.15 -0.09
ASTORIA___4 23517	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.68 2.26 0.00	58.17 2.26 0.00	56.87 2.39 0.00	75.80 3.50 0.00	76.66 3.98 0.00	60.64 3.16 0.00	64.98 3.48 0.00	54.51 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.51 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.14 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.39 0.00	76.92 3.64 0.00	46.47 2.15 -0.09
ASTORIA___5 23518	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.70 2.27 0.00	58.16 2.25 0.00	56.87 2.39 0.00	75.79 3.50 0.00	76.66 3.98 0.00	60.63 3.15 0.00	64.98 3.48 0.00	54.50 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.52 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.30 3.35 0.00	89.20 4.38 0.00	76.91 3.63 0.00	46.46 2.15 -0.09
AST_ENERGY_2_CC3 323677	52.60 1.89 0.00	56.57 1.97 0.00	57.99 1.93 0.00	56.98 1.92 0.00	61.51 2.09 0.00	57.99 2.08 0.00	56.69 2.20 0.00	75.58 3.29 0.00	76.43 3.75 0.00	60.41 2.93 0.00	64.73 3.23 0.00	54.29 2.80 0.00	74.06 3.85 0.00	61.76 3.30 0.00	59.41 3.26 0.00	58.26 3.20 0.00	55.53 3.17 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.08 3.12 0.00	88.92 4.10 0.00	76.65 3.38 0.00	46.22 2.00 0.00
AST_ENERGY_2_CC4 323678	52.60 1.89 0.00	56.57 1.97 0.00	57.99 1.93 0.00	56.98 1.92 0.00	61.51 2.09 0.00	57.99 2.08 0.00	56.69 2.20 0.00	75.58 3.29 0.00	76.43 3.75 0.00	60.41 2.93 0.00	64.73 3.23 0.00	54.29 2.80 0.00	74.06 3.85 0.00	61.76 3.30 0.00	59.41 3.26 0.00	58.26 3.20 0.00	55.53 3.17 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.08 3.12 0.00	88.92 4.10 0.00	76.65 3.38 0.00	46.22 2.00 0.00

ATHENS_STG_1 23668	51.15 0.44 0.00	55.08 0.48 0.00	56.60 0.54 0.00	55.53 0.47 0.00	59.95 0.52 0.00	56.48 0.57 0.00	55.13 0.65 0.00	73.37 1.08 0.00	73.91 1.24 0.00	58.38 0.90 0.00	62.55 1.05 0.00	52.37 0.88 0.00	71.41 1.20 0.00	59.52 1.07 0.00	57.21 1.06 0.00	56.17 1.11 0.00	53.49 1.13 0.00	51.54 1.01 0.00	50.02 0.99 0.00	52.55 1.03 0.00	58.94 0.98 0.00	86.01 1.19 0.00	74.26 0.98 0.00	44.85 0.62 0.00
ATHENS_STG_2 23670	51.15 0.44 0.00	55.08 0.48 0.00	56.60 0.54 0.00	55.53 0.47 0.00	59.95 0.52 0.00	56.48 0.57 0.00	55.13 0.65 0.00	73.37 1.08 0.00	73.91 1.24 0.00	58.38 0.90 0.00	62.55 1.05 0.00	52.37 0.88 0.00	71.41 1.20 0.00	59.52 1.07 0.00	57.21 1.06 0.00	56.17 1.11 0.00	53.49 1.13 0.00	51.54 1.01 0.00	50.02 0.99 0.00	52.55 1.03 0.00	58.94 0.98 0.00	86.01 1.19 0.00	74.26 0.98 0.00	44.85 0.62 0.00
ATHENS_STG_3 23677	51.15 0.44 0.00	55.08 0.48 0.00	56.60 0.54 0.00	55.53 0.47 0.00	59.95 0.52 0.00	56.48 0.57 0.00	55.13 0.65 0.00	73.37 1.08 0.00	73.91 1.24 0.00	58.38 0.90 0.00	62.55 1.05 0.00	52.37 0.88 0.00	71.41 1.20 0.00	59.52 1.07 0.00	57.21 1.06 0.00	56.17 1.11 0.00	53.49 1.13 0.00	51.54 1.01 0.00	50.02 0.99 0.00	52.55 1.03 0.00	58.94 0.98 0.00	86.01 1.19 0.00	74.26 0.98 0.00	44.85 0.62 0.00
AUBURN___LFGE 323710	51.35 0.63 0.00	55.31 0.70 0.00	56.54 0.49 0.00	55.75 0.69 0.00	60.12 0.69 0.00	56.66 0.75 0.00	55.17 0.68 0.00	73.12 0.84 0.00	73.14 0.46 0.00	57.62 0.14 0.00	61.68 0.18 0.00	51.62 0.13 0.00	70.74 0.53 0.00	58.78 0.32 0.00	56.38 0.23 0.00	55.21 0.15 0.00	52.53 0.16 0.00	50.57 0.04 0.00	49.14 0.10 0.00	51.77 0.25 0.00	58.38 0.42 0.00	85.16 0.34 0.00	73.36 0.08 0.00	44.20 -0.03 0.00
BABYLON_RES_REC 323704	51.79 1.08 0.00	55.76 1.15 0.00	57.14 1.08 0.00	56.14 1.07 0.00	60.47 1.04 0.00	56.09 0.74 0.56	55.25 0.76 0.00	73.12 0.83 0.01	73.99 1.31 0.00	59.02 1.55 0.00	62.85 1.35 0.00	52.81 1.32 0.00	71.63 1.47 0.05	60.12 1.89 0.22	57.98 1.89 0.06	56.73 1.76 0.09	53.99 1.63 0.00	51.95 1.42 0.00	50.59 1.55 0.00	51.37 1.70 1.85	51.17 1.41 8.20	86.25 1.44 0.01	74.84 1.56 0.00	45.35 1.13 0.00
BABYLON__69_KV_BK2 356345	52.16 1.45 0.00	56.16 1.55 0.00	57.51 1.46 0.00	56.51 1.45 0.00	60.85 1.42 0.00	56.45 1.11 0.58	55.97 1.48 0.00	74.26 1.97 0.01	75.20 2.53 0.00	60.05 2.58 0.00	63.86 2.36 0.00	53.70 2.20 0.00	72.81 2.65 0.05	61.12 2.89 0.23	58.88 2.79 0.06	57.61 2.64 0.09	54.87 2.51 0.00	52.78 2.26 0.00	51.40 2.36 0.00	52.18 2.57 1.91	51.92 2.39 8.43	87.67 2.86 0.01	75.93 2.65 0.00	45.73 1.50 0.00
BALL_HILL_WT_PWR 323825	50.87 0.16 0.00	55.10 0.50 0.00	56.33 0.27 0.00	55.49 0.43 0.00	59.49 0.07 0.00	55.89 -0.02 0.00	54.30 -0.19 0.00	70.97 -1.32 0.00	70.83 -1.84 0.00	55.68 -1.80 0.00	59.72 -1.78 0.00	50.22 -1.27 0.00	68.66 -1.55 0.00	56.81 -1.65 0.00	53.98 -2.16 0.00	52.68 -2.38 0.00	49.55 -2.81 0.00	47.22 -3.31 0.00	46.04 -3.01 0.00	48.75 -2.77 0.00	55.36 -2.60 0.00	80.73 -4.09 0.00	70.59 -2.69 0.00	42.51 -1.71 0.00
BARON_WINDS___WT_PWR 323822	51.01 0.30 0.00	55.03 0.43 0.00	56.39 0.33 0.00	55.48 0.42 0.00	59.62 0.19 0.00	56.04 0.12 0.00	54.59 0.10 0.00	71.88 -0.42 0.00	71.68 -1.00 0.00	56.28 -1.20 0.00	60.18 -1.32 0.00	50.42 -1.08 0.00	68.93 -1.28 0.00	57.03 -1.43 0.00	54.36 -1.78 0.00	53.21 -1.85 0.00	50.22 -2.15 0.00	48.09 -2.44 0.00	46.80 -2.24 0.00	49.67 -1.85 0.00	56.45 -1.51 0.00	82.57 -2.25 0.00	71.82 -1.46 0.00	43.21 -1.02 0.00
BARRETT_IC_1 23704	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_10 23701	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 0.00	63.39 1.86 -0.02	53.25 1.73 -0.02	72.30 2.05 -0.04	64.12 2.41 -3.26	59.98 2.40 -1.44	57.91 2.24 -0.60	54.39 2.00 -0.02	52.34 1.79 -0.03	50.95 1.89 -0.02	56.20 2.05 -2.63	64.52 1.83 -4.74	86.88 2.05 -0.01	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_11 23702	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 0.00	63.39 1.86 -0.02	53.25 1.73 -0.02	72.30 2.05 -0.04	64.12 2.41 -3.26	59.98 2.40 -1.44	57.91 2.24 -0.60	54.39 2.00 -0.02	52.34 1.79 -0.03	50.95 1.89 -0.02	56.20 2.05 -2.63	64.52 1.83 -4.74	86.88 2.05 -0.01	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_12 23703	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 0.00	63.39 1.86 -0.02	53.25 1.73 -0.02	72.30 2.05 -0.04	64.12 2.41 -3.26	59.98 2.40 -1.44	57.91 2.24 -0.60	54.39 2.00 -0.02	52.34 1.79 -0.03	50.95 1.89 -0.02	56.20 2.05 -2.63	64.52 1.83 -4.74	86.88 2.05 -0.01	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_2 23705	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_3 23706	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_4 23707	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00

BARRETT_IC_5 23708	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_6 23709	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_7 23710	51.74 1.02 0.00	55.81 1.12 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.51 1.09 0.00	56.82 0.86 -0.05	55.48 0.99 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.35 1.86 -0.01	63.46 1.88 -0.09	53.32 1.74 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.39 -5.36	59.53 2.24 -2.23	54.46 2.01 -0.09	52.43 1.80 -0.09	51.02 1.89 -0.09	62.97 2.06 -9.40	75.67 1.82 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_8 23711	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT_IC_9 23700	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 0.00	63.39 1.86 -0.02	53.25 1.73 -0.02	72.30 2.05 -0.04	64.12 2.41 -3.26	59.98 2.40 -1.44	57.91 2.24 -0.60	54.39 2.00 -0.02	52.34 1.79 -0.03	50.95 1.89 -0.02	56.20 2.05 -2.63	64.52 1.83 -4.74	86.88 2.05 -0.01	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT___1 23545	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 -0.01	63.46 1.86 -0.09	53.31 1.73 -0.08	72.39 2.05 -0.13	72.97 2.41 -12.10	63.90 2.40 -5.36	59.54 2.24 -2.23	54.45 2.00 -0.09	52.41 1.79 -0.09	51.02 1.89 -0.09	62.97 2.05 -9.40	75.67 1.83 -15.88	86.90 2.05 -0.03	75.07 1.79 0.00	45.16 0.94 0.00
BARRETT___2 23546	51.74 1.02 0.00	55.81 1.11 -0.09	57.18 1.08 -0.04	56.16 1.10 0.00	60.52 1.09 0.00	56.82 0.86 -0.05	55.48 1.00 0.00	73.59 1.29 0.00	74.54 1.86 0.00	59.34 1.86 0.00	63.39 1.86 -0.02	53.25 1.73 -0.02	72.30 2.05 -0.04	64.12 2.41 -3.26	59.98 2.40 -1.44	57.91 2.24 -0.60	54.39 2.00 -0.02	52.34 1.79 -0.03	50.95 1.89 -0.02	56.20 2.05 -2.63	64.52 1.83 -4.74	86.88 2.05 -0.01	75.07 1.79 0.00	45.16 0.94 0.00
BATAVIA___115KV_TB1 55881	50.64 -0.07 0.00	54.78 0.17 0.00	56.00 -0.06 0.00	55.18 0.12 0.00	59.14 -0.28 0.00	55.62 -0.29 0.00	54.05 -0.44 0.00	70.64 -1.65 0.00	70.76 -1.91 0.00	55.81 -1.66 0.00	59.63 -1.87 0.00	50.09 -1.41 0.00	68.30 -1.91 0.00	56.46 -1.99 0.00	53.75 -2.40 0.00	52.52 -2.54 0.00	49.26 -3.11 0.00	47.16 -3.37 0.00	46.07 -2.97 0.00	48.92 -2.60 0.00	55.67 -2.29 0.00	80.95 -3.87 0.00	70.87 -2.41 0.00	42.54 -1.69 0.00
BAYONEEC___CTG1 323682	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG10 323750	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG2 323683	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG3 323684	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG4 323685	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG5 323686	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG6 323687	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00

BAYONEEC___CTG7 323688	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG8 323689	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BAYONEEC___CTG9 323749	52.52 1.81 0.00	56.49 1.89 0.00	57.91 1.86 0.00	56.90 1.84 0.00	61.43 2.00 0.00	57.92 2.01 0.00	56.60 2.12 0.00	75.48 3.19 0.00	76.30 3.62 0.00	60.32 2.85 0.00	64.62 3.12 0.00	54.20 2.71 0.00	73.94 3.73 0.00	61.67 3.21 0.00	59.32 3.18 0.00	58.17 3.12 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.45 2.93 0.00	60.97 3.01 0.00	88.77 3.95 0.00	76.55 3.27 0.00	46.16 1.94 0.00
BEACON___LESR 323632	51.19 0.48 0.00	55.30 0.69 0.00	56.81 0.76 0.00	55.75 0.69 0.00	60.17 0.74 0.00	56.72 0.81 0.00	55.48 0.99 0.00	73.82 1.53 0.00	74.34 1.66 0.00	58.62 1.15 0.00	62.86 1.36 0.00	52.51 1.02 0.00	71.67 1.47 0.00	59.86 1.41 0.00	57.46 1.32 0.00	56.45 1.39 0.00	53.83 1.46 0.00	51.80 1.27 0.00	50.32 1.28 0.00	52.85 1.33 0.00	59.40 1.44 0.00	86.50 1.68 0.00	74.39 1.11 0.00	45.06 0.83 0.00
BEAVER RIVER___HYD 24048	51.69 0.98 0.00	55.63 1.02 0.00	57.02 0.96 0.00	56.06 1.00 0.00	60.55 1.12 0.00	56.98 1.07 0.00	55.36 0.87 0.00	73.36 1.07 0.00	73.82 1.14 0.00	58.44 0.97 0.00	62.00 0.50 0.00	51.72 0.23 0.00	69.98 -0.23 0.00	57.97 -0.49 0.00	55.55 -0.59 0.00	54.66 -0.40 0.00	52.11 -0.25 0.00	50.66 0.14 0.00	49.13 0.08 0.00	52.04 0.52 0.00	58.87 0.91 0.00	86.32 1.51 0.00	74.51 1.23 0.00	44.90 0.67 0.00
BEEBEE_GT_13 23619	50.42 -0.29 0.00	54.47 -0.14 0.00	55.76 -0.30 0.00	54.87 -0.19 0.00	58.98 -0.45 0.00	55.48 -0.43 0.00	53.96 -0.53 0.00	70.96 -1.33 0.00	71.22 -1.46 0.00	56.19 -1.29 0.00	60.11 -1.39 0.00	50.43 -1.06 0.00	68.88 -1.33 0.00	57.11 -1.35 0.00	54.55 -1.59 0.00	53.38 -1.68 0.00	50.40 -1.97 0.00	48.34 -2.19 0.00	47.06 -1.98 0.00	49.75 -1.77 0.00	56.35 -1.60 0.00	82.10 -2.72 0.00	71.38 -1.90 0.00	42.92 -1.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	59.13 2.59 -5.82	58.75 2.67 -1.47	59.15 2.63 -0.46	57.75 2.67 -0.02	62.26 2.82 -0.01	59.56 2.79 -0.86	57.80 2.96 -0.35	76.57 4.27 -0.01	80.90 4.76 -3.46	72.79 3.78 -11.54	91.10 4.15 -25.46	91.06 3.59 -35.98	91.20 4.92 -16.08	91.12 4.20 -28.47	91.10 4.12 -30.83	91.09 4.05 -31.97	91.06 3.95 -34.75	91.06 3.71 -36.82	81.69 3.63 -29.01	91.06 3.79 -35.76	91.10 4.00 -29.14	96.50 5.36 -6.33	89.82 4.45 -12.09	63.63 2.65 -16.76
BETHLEHEM___GRP 23843	50.47 -0.24 0.00	54.33 -0.27 0.00	55.81 -0.25 0.00	54.77 -0.29 0.00	59.15 -0.28 0.00	55.70 -0.21 0.00	54.39 -0.10 0.00	72.37 0.07 0.00	72.87 0.19 0.00	57.51 0.03 0.00	61.57 0.07 0.00	51.46 -0.03 0.00	70.20 -0.01 0.00	58.54 0.08 0.00	56.29 0.14 0.00	55.32 0.25 0.00	52.67 0.30 0.00	50.77 0.24 0.00	49.29 0.25 0.00	51.75 0.23 0.00	58.08 0.12 0.00	84.78 -0.03 0.00	73.15 -0.13 0.00	44.25 0.02 0.00
BETHLEHEM___GS1 323560	50.47 -0.24 0.00	54.33 -0.27 0.00	55.81 -0.25 0.00	54.77 -0.29 0.00	59.16 -0.27 0.00	55.70 -0.21 0.00	54.39 -0.10 0.00	72.37 0.07 0.00	72.87 0.19 0.00	57.51 0.03 0.00	61.57 0.07 0.00	51.46 -0.03 0.00	70.20 -0.01 0.00	58.54 0.08 0.00	56.29 0.14 0.00	55.32 0.26 0.00	52.67 0.30 0.00	50.77 0.24 0.00	49.29 0.25 0.00	51.75 0.23 0.00	58.08 0.12 0.00	84.78 -0.03 0.00	73.15 -0.13 0.00	44.25 0.02 0.00
BETHLEHEM___GS2 323561	50.47 -0.24 0.00	54.33 -0.27 0.00	55.81 -0.25 0.00	54.77 -0.29 0.00	59.16 -0.27 0.00	55.70 -0.21 0.00	54.39 -0.10 0.00	72.37 0.07 0.00	72.87 0.19 0.00	57.51 0.03 0.00	61.57 0.07 0.00	51.46 -0.03 0.00	70.20 -0.01 0.00	58.54 0.08 0.00	56.29 0.14 0.00	55.32 0.26 0.00	52.67 0.30 0.00	50.77 0.24 0.00	49.29 0.25 0.00	51.75 0.23 0.00	58.08 0.12 0.00	84.78 -0.03 0.00	73.15 -0.13 0.00	44.25 0.02 0.00
BETHLEHEM___GS3 323562	50.47 -0.24 0.00	54.33 -0.27 0.00	55.81 -0.25 0.00	54.77 -0.29 0.00	59.16 -0.27 0.00	55.70 -0.21 0.00	54.39 -0.10 0.00	72.37 0.07 0.00	72.87 0.19 0.00	57.51 0.03 0.00	61.57 0.07 0.00	51.46 -0.03 0.00	70.20 -0.01 0.00	58.54 0.08 0.00	56.29 0.14 0.00	55.32 0.26 0.00	52.67 0.30 0.00	50.77 0.24 0.00	49.29 0.25 0.00	51.75 0.23 0.00	58.08 0.12 0.00	84.78 -0.03 0.00	73.15 -0.13 0.00	44.25 0.02 0.00
BETHLEHEM___STEEL 23779	50.54 -0.17 0.00	54.75 0.14 0.00	55.93 -0.13 0.00	55.13 0.07 0.00	59.05 -0.38 0.00	55.45 -0.46 0.00	53.82 -0.67 0.00	70.18 -2.11 0.00	70.12 -2.55 0.00	55.16 -2.32 0.00	59.05 -2.45 0.00	49.70 -1.80 0.00	67.91 -2.29 0.00	56.20 -2.25 0.00	53.44 -2.70 0.00	52.16 -2.90 0.00	48.92 -3.44 0.00	46.58 -3.95 0.00	45.45 -3.59 0.00	48.19 -3.33 0.00	54.71 -3.25 0.00	79.76 -5.06 0.00	69.95 -3.33 0.00	42.06 -2.16 0.00
BETHLHEM_115KV_TB1 79974	50.62 -0.09 0.00	54.50 -0.10 0.00	55.99 -0.07 0.00	54.94 -0.12 0.00	59.33 -0.09 0.00	55.87 -0.05 0.00	54.55 0.06 0.00	72.57 0.28 0.00	73.08 0.41 0.00	57.67 0.19 0.00	61.76 0.26 0.00	51.62 0.13 0.00	70.41 0.20 0.00	58.71 0.26 0.00	56.45 0.30 0.00	55.47 0.41 0.00	52.81 0.45 0.00	50.90 0.37 0.00	49.43 0.39 0.00	51.89 0.37 0.00	58.24 0.28 0.00	84.99 0.18 0.00	73.36 0.08 0.00	44.36 0.13 0.00
BETHPAGE_CC_5 323564	51.79 1.08 0.00	55.79 1.18 0.00	57.17 1.11 0.00	56.18 1.12 0.00	60.52 1.09 0.00	56.16 0.76 0.51	55.53 1.04 0.00	73.70 1.42 0.01	74.66 1.98 0.00	59.48 2.00 0.00	63.40 1.90 0.00	53.27 1.78 0.00	72.31 2.14 0.04	60.99 2.45 -0.09	58.62 2.40 -0.08	57.28 2.25 0.03	54.46 2.10 0.00	52.39 1.86 0.00	50.99 1.95 0.00	52.20 2.15 1.47	52.76 1.92 7.11	86.99 2.18 0.01	75.28 2.00 0.00	45.32 1.09 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.71 0.00 0.00	54.94 0.33 0.00	56.14 0.08 0.00	55.33 0.27 0.00	59.27 -0.16 0.00	55.65 -0.26 0.00	54.02 -0.47 0.00	70.49 -1.80 0.00	70.45 -2.23 0.00	55.41 -2.06 0.00	59.33 -2.17 0.00	49.92 -1.57 0.00	68.25 -1.97 0.00	56.47 -1.99 0.00	53.70 -2.44 0.00	52.42 -2.64 0.00	49.18 -3.18 0.00	46.81 -3.71 0.00	45.67 -3.37 0.00	48.43 -3.09 0.00	54.98 -2.98 0.00	80.13 -4.69 0.00	70.24 -3.04 0.00	42.24 -1.99 0.00

BINGHAMTON___COGEN 23790	51.24 0.53 0.00	55.22 0.61 0.00	56.68 0.62 0.00	55.69 0.63 0.00	60.04 0.61 0.00	56.50 0.59 0.00	55.08 0.59 0.00	72.98 0.68 0.00	73.17 0.50 0.00	57.62 0.14 0.00	61.79 0.29 0.00	51.82 0.33 0.00	70.80 0.59 0.00	58.81 0.35 0.00	56.31 0.17 0.00	55.16 0.10 0.00	52.47 0.10 0.00	50.41 -0.12 0.00	48.92 -0.12 0.00	51.54 0.02 0.00	58.09 0.13 0.00	84.78 -0.04 0.00	73.32 0.05 0.00	44.24 0.01 0.00
BIXINCNT_115KV_LOAD 355685	51.73 1.02 0.00	56.07 1.46 0.00	57.35 1.29 0.00	56.51 1.45 0.00	60.58 1.16 0.00	56.96 1.04 0.00	55.30 0.81 0.00	72.25 -0.05 0.00	72.22 -0.46 0.00	56.74 -0.73 0.00	60.70 -0.80 0.00	51.05 -0.44 0.00	69.92 -0.29 0.00	57.93 -0.53 0.00	55.06 -1.09 0.00	53.71 -1.35 0.00	50.43 -1.93 0.00	48.00 -2.53 0.00	46.77 -2.27 0.00	49.56 -1.96 0.00	56.31 -1.64 0.00	82.13 -2.69 0.00	71.84 -1.44 0.00	43.24 -0.99 0.00
BLACK RIVER___HYD 24047	51.92 1.21 0.00	55.86 1.26 0.00	57.23 1.17 0.00	56.31 1.25 0.00	60.80 1.38 0.00	57.21 1.30 0.00	55.66 1.17 0.00	73.86 1.57 0.00	74.27 1.60 0.00	58.76 1.29 0.00	62.03 0.53 0.00	51.76 0.26 0.00	69.93 -0.28 0.00	57.57 -0.89 0.00	55.15 -0.99 0.00	54.36 -0.70 0.00	51.91 -0.45 0.00	50.59 0.06 0.00	49.14 0.10 0.00	52.18 0.66 0.00	59.12 1.17 0.00	86.61 1.79 0.00	74.82 1.54 0.00	44.97 0.75 0.00
BLACKRVR_115KV_TB2 79977	51.92 1.21 0.00	55.87 1.26 0.00	57.23 1.17 0.00	56.31 1.25 0.00	60.80 1.38 0.00	57.21 1.30 0.00	55.66 1.17 0.00	73.86 1.57 0.00	74.28 1.60 0.00	58.76 1.29 0.00	62.03 0.53 0.00	51.76 0.26 0.00	69.93 -0.28 0.00	57.57 -0.89 0.00	55.15 -0.99 0.00	54.35 -0.71 0.00	51.91 -0.45 0.00	50.59 0.06 0.00	49.14 0.10 0.00	52.18 0.66 0.00	59.12 1.16 0.00	86.60 1.79 0.00	74.82 1.54 0.00	44.97 0.75 0.00
BLISS_WT_PWR 323608	51.76 1.04 0.00	56.10 1.49 0.00	57.38 1.33 0.00	56.53 1.47 0.00	60.59 1.17 0.00	56.99 1.08 0.00	55.34 0.86 0.00	72.33 0.03 0.00	72.31 -0.37 0.00	56.82 -0.65 0.00	60.75 -0.75 0.00	51.10 -0.39 0.00	69.97 -0.24 0.00	57.99 -0.46 0.00	55.12 -1.02 0.00	53.75 -1.31 0.00	50.45 -1.92 0.00	48.01 -2.52 0.00	46.81 -2.24 0.00	49.60 -1.92 0.00	56.38 -1.58 0.00	82.21 -2.61 0.00	71.91 -1.37 0.00	43.27 -0.96 0.00
BLUESTONE___WT_PWR 323821	52.98 2.27 0.00	56.57 1.96 0.00	58.41 2.36 0.00	57.35 2.28 0.00	61.57 2.15 0.00	58.23 2.32 0.00	56.64 2.16 0.00	75.07 2.78 0.00	75.33 2.65 0.00	59.19 1.71 0.00	63.65 2.15 0.00	53.43 1.93 0.00	73.21 3.00 0.00	60.62 2.17 0.00	57.80 1.65 0.00	56.43 1.37 0.00	53.89 1.53 0.00	52.11 1.58 0.00	50.47 1.43 0.00	52.99 1.47 0.00	60.02 2.06 0.00	87.20 2.39 0.00	75.04 1.76 0.00	45.35 1.12 0.00
BLUE_CIRC_CHEM_DRP 24182	51.28 0.57 0.00	55.20 0.60 0.00	56.73 0.67 0.00	55.67 0.61 0.00	60.11 0.68 0.00	56.60 0.69 0.00	55.24 0.76 0.00	73.43 1.14 0.00	73.90 1.22 0.00	58.28 0.81 0.00	62.34 0.84 0.00	52.10 0.61 0.00	71.03 0.82 0.00	59.19 0.73 0.00	56.93 0.79 0.00	55.96 0.90 0.00	53.31 0.94 0.00	51.39 0.86 0.00	49.90 0.86 0.00	52.42 0.90 0.00	58.84 0.89 0.00	85.90 1.08 0.00	74.18 0.91 0.00	44.84 0.61 0.00
BOC_GAS_DRP 24189	50.98 0.27 0.00	54.90 0.29 0.00	56.40 0.35 0.00	55.34 0.28 0.00	59.75 0.33 0.00	56.26 0.35 0.00	54.91 0.42 0.00	73.03 0.74 0.00	73.50 0.82 0.00	58.03 0.55 0.00	62.14 0.64 0.00	51.98 0.49 0.00	70.90 0.69 0.00	59.10 0.64 0.00	56.81 0.66 0.00	55.80 0.73 0.00	53.11 0.74 0.00	51.19 0.66 0.00	49.69 0.65 0.00	52.18 0.67 0.00	58.58 0.62 0.00	85.53 0.71 0.00	73.83 0.55 0.00	44.62 0.39 0.00
BOONVILLE_115KV_TB1 79983	51.94 1.23 0.00	55.90 1.29 0.00	57.34 1.28 0.00	56.34 1.28 0.00	60.82 1.40 0.00	57.27 1.36 0.00	55.80 1.31 0.00	74.09 1.79 0.00	74.56 1.88 0.00	58.95 1.47 0.00	62.89 1.39 0.00	52.51 1.02 0.00	71.40 1.19 0.00	59.39 0.94 0.00	56.94 0.80 0.00	55.92 0.86 0.00	53.27 0.91 0.00	51.51 0.98 0.00	50.00 0.96 0.00	52.70 1.18 0.00	59.41 1.45 0.00	86.91 2.09 0.00	75.01 1.73 0.00	45.17 0.94 0.00
BORALEX_4TH_BRANCH 23824	51.99 1.28 0.00	55.96 1.35 0.00	57.44 1.39 0.00	56.39 1.33 0.00	60.86 1.43 0.00	57.08 1.17 0.00	55.76 1.27 0.00	74.26 1.97 0.00	74.65 1.98 0.00	58.74 1.26 0.00	62.83 1.33 0.00	52.47 0.97 0.00	71.53 1.32 0.00	59.71 1.25 0.00	57.43 1.29 0.00	56.52 1.46 0.00	53.83 1.46 0.00	51.79 1.26 0.00	50.32 1.28 0.00	52.86 1.34 0.00	59.31 1.35 0.00	86.62 1.80 0.00	74.93 1.66 0.00	45.29 1.07 0.00
BOWLINE___1 23526	51.72 1.02 0.00	55.68 1.08 0.00	57.12 1.07 0.00	56.16 1.10 0.00	60.67 1.25 0.00	57.20 1.29 0.00	55.97 1.48 0.00	74.61 2.32 0.00	75.21 2.54 0.00	59.39 1.91 0.00	63.75 2.25 0.00	53.43 1.94 0.00	72.85 2.64 0.00	60.74 2.29 0.00	58.37 2.22 0.00	57.25 2.19 0.00	54.55 2.19 0.00	52.61 2.09 0.00	51.13 2.09 0.00	53.66 2.14 0.00	60.09 2.14 0.00	87.60 2.78 0.00	75.55 2.27 0.00	45.53 1.30 0.00
BOWLINE___2 23595	51.72 1.02 0.00	55.68 1.08 0.00	57.12 1.07 0.00	56.17 1.11 0.00	60.67 1.25 0.00	57.20 1.29 0.00	55.98 1.49 0.00	74.61 2.32 0.00	75.21 2.54 0.00	59.39 1.91 0.00	63.75 2.25 0.00	53.43 1.94 0.00	72.85 2.64 0.00	60.75 2.29 0.00	58.37 2.22 0.00	57.25 2.19 0.00	54.55 2.19 0.00	52.61 2.09 0.00	51.13 2.09 0.00	53.66 2.14 0.00	60.09 2.14 0.00	87.61 2.79 0.00	75.55 2.27 0.00	45.53 1.30 0.00
BRADY___115KV_TB2 356060	51.60 0.89 0.00	55.57 0.97 0.00	57.00 0.94 0.00	56.03 0.97 0.00	60.50 1.08 0.00	56.82 0.91 0.00	55.22 0.73 0.00	72.58 0.28 0.00	72.87 0.19 0.00	57.93 0.45 0.00	61.82 0.32 0.00	51.59 0.10 0.00	69.84 -0.37 0.00	58.19 -0.26 0.00	56.29 0.15 0.00	55.17 0.11 0.00	52.51 0.15 0.00	51.14 0.61 0.00	49.47 0.43 0.00	52.36 0.85 0.00	59.13 1.18 0.00	86.46 1.64 0.00	74.70 1.42 0.00	45.39 1.17 0.00
BRANSCOMB___SOLAR 323811	52.28 1.57 0.00	56.34 1.74 0.00	57.84 1.78 0.00	56.78 1.72 0.00	61.27 1.84 0.00	57.69 1.78 0.00	56.37 1.88 0.00	75.02 2.73 0.00	75.45 2.78 0.00	59.42 1.94 0.00	63.45 1.95 0.00	52.91 1.42 0.00	72.10 1.89 0.00	60.16 1.70 0.00	57.89 1.74 0.00	56.96 1.90 0.00	54.31 1.95 0.00	52.45 1.92 0.00	51.00 1.96 0.00	53.64 2.13 0.00	60.16 2.20 0.00	87.84 3.03 0.00	75.65 2.37 0.00	45.67 1.44 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	51.84 1.13 0.00	55.86 1.25 0.00	57.18 1.13 0.00	56.20 1.13 0.00	60.55 1.12 0.00	56.05 0.77 0.00	55.67 1.18 0.00	73.88 1.59 0.01	74.87 2.20 0.00	59.78 2.30 0.00	63.51 2.01 0.00	53.35 1.86 0.00	72.31 2.16 0.06	60.25 2.53 0.74	58.33 2.46 0.28	57.15 2.27 0.19	54.55 2.19 0.00	52.46 1.94 0.00	51.11 2.08 0.00	51.31 2.23 2.44	50.22 2.00 9.75	87.17 2.37 0.01	75.56 2.28 0.00	45.41 1.18 0.00

BRISTLHL_115KV_TB1 79998	50.03 -0.68 0.00	53.86 -0.74 0.00	55.28 -0.77 0.00	54.34 -0.72 0.00	58.61 -0.81 0.00	55.17 -0.74 0.00	53.75 -0.74 0.00	71.26 -1.03 0.00	71.64 -1.04 0.00	56.52 -0.96 0.00	60.47 -1.03 0.00	50.64 -0.85 0.00	69.10 -1.11 0.00	57.35 -1.11 0.00	54.97 -1.18 0.00	53.93 -1.13 0.00	51.29 -1.07 0.00	49.47 -1.06 0.00	48.05 -0.99 0.00	50.57 -0.95 0.00	56.95 -1.01 0.00	83.14 -1.68 0.00	71.86 -1.42 0.00	43.29 -0.94 0.00
BROOKHAVEN___DRP 24191	50.71 0.00 0.00	54.59 -0.01 0.00	55.88 -0.18 0.00	54.92 -0.14 0.00	59.18 -0.24 0.00	54.84 -0.43 0.64	55.13 0.64 0.00	73.17 0.88 0.01	73.95 1.27 0.00	59.06 1.59 0.00	62.33 0.84 0.00	52.42 0.93 0.00	70.97 0.81 0.06	59.00 1.38 0.83	57.19 1.37 0.32	56.08 1.22 0.20	53.55 1.19 0.00	51.46 0.94 0.00	50.15 1.11 0.00	50.23 1.26 2.55	48.82 0.91 10.05	85.57 0.77 0.01	74.58 1.30 0.00	44.86 0.64 0.00
BROOKLYN_NAVY_YARD 23515	52.53 1.82 0.00	56.50 1.89 0.00	57.86 1.81 0.00	56.79 1.73 0.00	61.33 1.90 0.00	57.82 1.91 0.00	56.56 2.07 0.00	75.45 3.15 0.00	76.35 3.67 0.00	60.38 2.90 0.00	64.72 3.22 0.00	54.26 2.76 0.00	74.03 3.82 0.00	61.75 3.29 0.00	59.38 3.24 0.00	58.23 3.16 0.00	55.53 3.16 0.00	53.45 2.92 0.00	51.89 2.85 0.00	54.49 2.98 0.00	61.02 3.06 0.00	88.82 4.00 0.00	76.53 3.25 0.00	46.17 1.94 0.00
BROOKLYN___ARMY_DRP 323595	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
BROOKVLE_69_KV_TB1 55790	52.41 1.70 0.00	56.42 1.80 -0.01	57.82 1.76 -0.01	56.83 1.77 0.00	61.26 1.83 0.00	57.35 1.68 0.24	56.39 1.90 0.00	74.99 2.71 0.00	75.78 3.10 0.00	60.21 2.73 0.00	64.29 2.78 -0.01	53.99 2.49 -0.01	73.46 3.26 0.00	62.82 3.25 -1.12	59.82 3.16 -0.51	58.31 3.06 -0.19	55.27 2.90 -0.01	53.10 2.57 -0.01	51.64 2.59 -0.01	54.45 2.79 -0.14	58.72 2.71 1.95	88.25 3.43 0.00	76.32 3.04 0.00	45.97 1.74 0.00
BROOME_2_LFGE 323671	51.24 0.53 0.00	55.23 0.62 0.00	56.68 0.63 0.00	55.69 0.63 0.00	60.03 0.60 0.00	56.51 0.59 0.00	55.08 0.59 0.00	72.97 0.68 0.00	73.17 0.50 0.00	57.61 0.14 0.00	61.80 0.30 0.00	51.82 0.33 0.00	70.80 0.59 0.00	58.81 0.35 0.00	56.31 0.17 0.00	55.16 0.10 0.00	52.47 0.10 0.00	50.42 -0.11 0.00	48.92 -0.12 0.00	51.54 0.02 0.00	58.09 0.13 0.00	84.78 -0.04 0.00	73.32 0.05 0.00	44.24 0.01 0.00
BROOME___LFGE 323600	51.24 0.53 0.00	55.23 0.62 0.00	56.68 0.63 0.00	55.69 0.63 0.00	60.03 0.60 0.00	56.51 0.59 0.00	55.08 0.59 0.00	72.97 0.68 0.00	73.17 0.50 0.00	57.61 0.14 0.00	61.80 0.30 0.00	51.82 0.33 0.00	70.80 0.59 0.00	58.81 0.35 0.00	56.31 0.17 0.00	55.16 0.10 0.00	52.47 0.10 0.00	50.42 -0.11 0.00	48.92 -0.12 0.00	51.54 0.02 0.00	58.09 0.13 0.00	84.78 -0.04 0.00	73.32 0.05 0.00	44.24 0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	50.93 0.22 0.00	54.83 0.23 0.00	56.22 0.17 0.00	55.26 0.20 0.00	59.71 0.29 0.00	56.13 0.23 0.00	54.49 0.00 0.00	71.94 -0.35 0.00	72.37 -0.30 0.00	57.49 0.01 0.00	61.13 -0.37 0.00	51.01 -0.48 0.00	68.99 -1.22 0.00	57.29 -1.17 0.00	55.13 -1.01 0.00	54.13 -0.94 0.00	51.56 -0.81 0.00	50.15 -0.38 0.00	48.53 -0.51 0.00	51.42 -0.10 0.00	58.11 0.15 0.00	85.16 0.34 0.00	73.43 0.15 0.00	44.44 0.21 0.00
BROWNSV1_27_KV_LOAD 356125	53.07 2.36 0.00	57.06 2.45 0.00	58.48 2.43 0.00	57.45 2.39 0.00	62.02 2.59 0.00	58.46 2.55 0.00	57.15 2.66 0.00	76.23 3.93 0.00	77.10 4.42 0.00	60.96 3.49 0.00	65.35 3.85 0.00	54.83 3.33 0.00	74.80 4.59 0.00	62.38 3.92 0.00	59.99 3.85 0.00	58.84 3.77 0.00	56.08 3.72 0.00	53.98 3.46 0.00	52.43 3.39 0.00	55.06 3.54 0.00	61.67 3.71 0.00	89.77 4.96 0.00	77.39 4.11 0.00	46.66 2.43 0.00
BURROWS___LYONSDAL 23803	51.88 1.17 0.00	55.82 1.21 0.00	57.24 1.18 0.00	56.25 1.19 0.00	60.73 1.31 0.00	57.18 1.27 0.00	55.68 1.19 0.00	73.90 1.62 0.00	74.38 1.70 0.00	58.82 1.35 0.00	62.68 1.18 0.00	52.32 0.82 0.00	71.07 0.86 0.00	59.05 0.60 0.00	56.59 0.45 0.00	55.60 0.54 0.00	52.97 0.61 0.00	51.27 0.75 0.00	49.76 0.72 0.00	52.51 0.99 0.00	59.24 1.28 0.00	86.74 1.92 0.00	74.86 1.58 0.00	45.08 0.85 0.00
CAITHNESS_CC_1 323624	50.79 0.08 0.00	54.70 0.09 0.00	56.00 -0.06 0.00	55.03 -0.03 0.00	59.31 -0.12 0.00	54.94 -0.33 0.64	55.08 0.59 0.00	73.10 0.81 0.01	73.92 1.25 0.00	59.03 1.55 0.00	62.39 0.89 0.00	52.46 0.97 0.00	71.04 0.89 0.06	59.08 1.45 0.83	57.28 1.46 0.32	56.14 1.29 0.20	53.62 1.26 0.00	51.50 0.98 0.00	50.20 1.16 0.00	50.26 1.30 2.55	48.87 0.97 10.06	85.65 0.84 0.01	74.54 1.26 0.00	44.85 0.62 0.00
CALPINE BETH_PAGE_GT4 24209	51.73 1.02 0.00	55.72 1.10 -0.01	57.08 1.02 0.00	56.10 1.04 0.00	60.40 0.97 0.00	56.03 0.58 0.46	55.35 0.86 0.00	73.49 1.20 0.00	74.45 1.78 0.00	59.29 1.81 0.00	63.24 1.74 -0.01	53.11 1.62 -0.01	72.11 1.93 0.03	61.21 2.27 -0.48	58.62 2.22 -0.25	57.21 2.09 -0.05	54.31 1.95 -0.01	52.26 1.73 0.00	50.85 1.81 -0.01	52.52 2.00 1.00	53.89 1.75 5.83	86.75 1.94 0.01	75.04 1.76 0.00	45.17 0.94 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.73 1.01 0.00	55.71 1.10 -0.01	57.08 1.03 0.00	56.10 1.04 0.00	60.41 0.98 0.00	56.03 0.58 0.46	55.35 0.86 0.00	73.50 1.21 0.00	74.45 1.78 0.00	59.30 1.82 0.00	63.23 1.73 -0.01	53.11 1.62 -0.01	72.10 1.93 0.03	61.21 2.27 -0.48	58.63 2.23 -0.25	57.21 2.09 -0.05	54.31 1.94 -0.01	52.26 1.73 0.00	50.85 1.81 -0.01	52.52 1.99 1.00	53.88 1.75 5.83	86.75 1.94 0.01	75.04 1.76 0.00	45.17 0.94 0.00
CALPINE_BP_GT1 23823	51.73 1.01 0.00	55.71 1.10 -0.01	57.08 1.03 0.00	56.10 1.04 0.00	60.41 0.98 0.00	56.03 0.58 0.46	55.35 0.86 0.00	73.50 1.21 0.00	74.45 1.78 0.00	59.30 1.82 0.00	63.23 1.73 -0.01	53.11 1.62 -0.01	72.10 1.93 0.03	61.21 2.27 -0.48	58.63 2.23 -0.25	57.21 2.09 -0.05	54.31 1.94 -0.01	52.26 1.73 0.00	50.85 1.81 -0.01	52.52 1.99 1.00	53.88 1.75 5.83	86.75 1.94 0.01	75.04 1.76 0.00	45.17 0.94 0.00
CALSPAN___DRP 24200	50.54 -0.17 0.00	54.75 0.14 0.00	55.93 -0.13 0.00	55.13 0.07 0.00	59.05 -0.38 0.00	55.45 -0.46 0.00	53.82 -0.67 0.00	70.18 -2.11 0.00	70.12 -2.55 0.00	55.16 -2.32 0.00	59.05 -2.45 0.00	49.70 -1.80 0.00	67.91 -2.29 0.00	56.20 -2.25 0.00	53.44 -2.70 0.00	52.16 -2.90 0.00	48.92 -3.44 0.00	46.58 -3.95 0.00	45.45 -3.59 0.00	48.19 -3.33 0.00	54.71 -3.25 0.00	79.76 -5.06 0.00	69.95 -3.33 0.00	42.06 -2.16 0.00

CALVERTON___SOLAR 323806	50.62 -0.09 0.00	54.48 -0.12 0.00	55.79 -0.26 0.00	54.83 -0.23 0.00	59.09 -0.34 0.00	54.76 -0.51 0.64	55.17 0.68 0.00	73.23 0.95 0.01	73.98 1.30 0.00	59.09 1.61 0.00	62.28 0.78 0.00	52.37 0.88 0.00	70.91 0.75 0.06	58.96 1.34 0.83	57.14 1.32 0.32	56.03 1.17 0.20	53.51 1.15 0.00	51.40 0.88 0.00	50.12 1.09 0.00	50.20 1.23 2.55	48.78 0.87 10.05	85.53 0.72 0.01	74.60 1.33 0.00	44.87 0.64 0.00
CANDIGU_WT_PWR 323617	51.01 0.30 0.00	55.03 0.43 0.00	56.39 0.33 0.00	55.48 0.42 0.00	59.62 0.19 0.00	56.04 0.12 0.00	54.59 0.10 0.00	71.88 -0.42 0.00	71.68 -1.00 0.00	56.28 -1.20 0.00	60.18 -1.32 0.00	50.42 -1.08 0.00	68.93 -1.28 0.00	57.03 -1.43 0.00	54.36 -1.78 0.00	53.21 -1.85 0.00	50.22 -2.15 0.00	48.09 -2.44 0.00	46.80 -2.24 0.00	49.67 -1.85 0.00	56.45 -1.51 0.00	82.57 -2.25 0.00	71.82 -1.46 0.00	43.21 -1.02 0.00
CARR STREET_E_SYR 24060	50.52 -0.18 0.00	54.41 -0.19 0.00	55.83 -0.23 0.00	54.86 -0.20 0.00	59.16 -0.26 0.00	55.69 -0.22 0.00	54.29 -0.20 0.00	71.96 -0.34 0.00	72.32 -0.36 0.00	57.04 -0.43 0.00	61.05 -0.45 0.00	51.14 -0.35 0.00	69.80 -0.41 0.00	58.02 -0.43 0.00	55.63 -0.52 0.00	54.54 -0.52 0.00	51.85 -0.51 0.00	49.94 -0.59 0.00	48.49 -0.55 0.00	51.04 -0.48 0.00	57.48 -0.48 0.00	83.88 -0.94 0.00	72.53 -0.75 0.00	43.70 -0.52 0.00
CARTHAGE___PAPER 23857	52.14 1.43 0.00	56.11 1.51 0.00	57.48 1.43 0.00	56.55 1.49 0.00	61.07 1.65 0.00	57.48 1.57 0.00	55.88 1.39 0.00	74.08 1.79 0.00	74.53 1.85 0.00	58.95 1.47 0.00	62.34 0.84 0.00	51.99 0.50 0.00	70.26 0.05 0.00	58.12 -0.34 0.00	55.69 -0.45 0.00	54.86 -0.20 0.00	52.34 -0.02 0.00	50.97 0.44 0.00	49.50 0.46 0.00	52.49 0.97 0.00	59.43 1.47 0.00	87.11 2.29 0.00	75.19 1.91 0.00	45.27 1.05 0.00
CASSADAGA_WT_PWR 323784	52.27 1.56 0.00	56.63 2.03 0.00	57.89 1.83 0.00	57.01 1.94 0.00	61.16 1.73 0.00	57.48 1.57 0.00	55.93 1.44 0.00	73.27 0.98 0.00	73.18 0.50 0.00	57.49 0.02 0.00	61.76 0.26 0.00	51.89 0.39 0.00	70.88 0.67 0.00	58.60 0.14 0.00	55.62 -0.53 0.00	54.29 -0.77 0.00	51.14 -1.22 0.00	48.76 -1.77 0.00	47.55 -1.49 0.00	50.28 -1.23 0.00	57.13 -0.83 0.00	83.39 -1.43 0.00	72.62 -0.66 0.00	43.79 -0.44 0.00
CE_DUNWOOD___DRP 24194	52.26 1.55 0.00	56.23 1.62 0.00	57.66 1.61 0.00	56.67 1.61 0.00	61.19 1.76 0.00	57.67 1.75 0.00	56.38 1.90 0.00	75.14 2.85 0.00	75.89 3.21 0.00	59.96 2.49 0.00	64.29 2.78 0.00	53.89 2.40 0.00	73.48 3.27 0.00	61.27 2.82 0.00	58.92 2.77 0.00	57.80 2.73 0.00	55.08 2.72 0.00	53.07 2.54 0.00	51.55 2.51 0.00	54.13 2.61 0.00	60.64 2.68 0.00	88.36 3.54 0.00	76.18 2.90 0.00	45.93 1.70 0.00
CE_MILLWOOD___DRP 24193	52.05 1.34 0.00	56.01 1.40 0.00	57.43 1.38 0.00	56.46 1.40 0.00	60.96 1.54 0.00	57.47 1.56 0.00	56.20 1.71 0.00	74.91 2.62 0.00	75.60 2.92 0.00	59.71 2.24 0.00	64.04 2.54 0.00	53.69 2.20 0.00	73.19 2.99 0.00	61.04 2.58 0.00	58.69 2.54 0.00	57.56 2.50 0.00	54.84 2.48 0.00	52.87 2.34 0.00	51.36 2.32 0.00	53.92 2.40 0.00	60.41 2.45 0.00	88.02 3.20 0.00	75.90 2.62 0.00	45.76 1.54 0.00
CE_NYC2_DRP 24202	52.76 2.06 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.69 2.27 0.00	58.18 2.27 0.00	56.88 2.40 0.00	75.80 3.51 0.00	76.66 3.98 0.00	60.64 3.16 0.00	64.99 3.49 0.00	54.51 3.01 0.00	74.34 4.13 0.00	62.03 3.57 0.00	59.66 3.51 0.00	58.51 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.14 3.10 0.00	54.76 3.24 0.00	61.32 3.36 0.00	89.22 4.40 0.00	76.92 3.64 0.00	46.48 2.16 -0.09
CE_NYC_DRP 24195	52.64 1.93 0.00	56.62 2.01 0.00	58.04 1.98 0.00	57.03 1.98 0.00	61.56 2.13 0.00	58.04 2.13 0.00	56.73 2.24 0.00	75.64 3.35 0.00	76.51 3.83 0.00	60.47 2.99 0.00	64.78 3.28 0.00	54.34 2.85 0.00	74.13 3.92 0.00	61.82 3.36 0.00	59.47 3.33 0.00	58.32 3.26 0.00	55.59 3.22 0.00	53.51 2.98 0.00	51.98 2.93 0.00	54.58 3.06 0.00	61.13 3.17 0.00	89.00 4.18 0.00	76.72 3.44 0.00	46.26 2.03 0.00
CHAFFEE___LFGE 323603	51.76 1.05 0.00	56.27 1.67 0.00	57.61 1.55 0.00	56.72 1.66 0.00	60.83 1.40 0.00	57.28 1.37 0.00	55.58 1.09 0.00	72.56 0.27 0.00	72.60 -0.08 0.00	56.88 -0.60 0.00	61.18 -0.32 0.00	51.47 -0.03 0.00	70.59 0.38 0.00	58.58 0.12 0.00	55.86 -0.28 0.00	54.55 -0.51 0.00	51.56 -0.80 0.00	49.02 -1.51 0.00	47.41 -1.63 0.00	50.07 -1.45 0.00	56.87 -1.09 0.00	82.99 -1.83 0.00	72.28 -1.00 0.00	43.67 -0.56 0.00
CHATEAUG_35_KV_LOAD 355732	51.57 0.86 0.00	55.21 0.60 0.00	56.68 0.62 0.00	55.53 0.47 0.00	60.01 0.59 0.00	56.46 0.55 0.00	55.01 0.52 0.00	72.78 0.48 0.00	73.38 0.71 0.00	58.25 0.77 0.00	62.05 0.55 0.00	51.96 0.47 0.00	70.83 0.62 0.00	58.99 0.54 0.00	56.67 0.52 0.00	55.62 0.56 0.00	53.01 0.64 0.00	51.37 0.84 0.00	49.86 0.82 0.00	52.50 0.98 0.00	59.15 1.19 0.00	86.55 1.74 0.00	74.91 1.63 0.00	45.42 1.19 0.00
CHATEAUG_WT_PWR 323614	51.46 0.75 0.00	55.13 0.52 0.00	56.58 0.52 0.00	55.44 0.38 0.00	59.94 0.51 0.00	56.39 0.48 0.00	54.94 0.45 0.00	72.69 0.40 0.00	73.26 0.58 0.00	58.15 0.67 0.00	62.06 0.56 0.00	51.96 0.47 0.00	70.82 0.61 0.00	59.00 0.54 0.00	56.67 0.53 0.00	55.57 0.51 0.00	52.94 0.57 0.00	51.27 0.74 0.00	49.76 0.72 0.00	52.38 0.86 0.00	58.98 1.02 0.00	86.34 1.53 0.00	74.73 1.45 0.00	45.29 1.06 0.00
CHAT_HIGH_FALL_HYD 323578	51.57 0.86 0.00	55.21 0.60 0.00	56.68 0.62 0.00	55.53 0.47 0.00	60.01 0.59 0.00	56.46 0.55 0.00	55.01 0.52 0.00	72.78 0.48 0.00	73.38 0.71 0.00	58.25 0.77 0.00	62.05 0.55 0.00	51.96 0.47 0.00	70.83 0.62 0.00	58.99 0.54 0.00	56.67 0.52 0.00	55.62 0.56 0.00	53.01 0.64 0.00	51.37 0.84 0.00	49.86 0.82 0.00	52.50 0.98 0.00	59.15 1.19 0.00	86.55 1.74 0.00	74.91 1.63 0.00	45.42 1.19 0.00
CHAUTAUQUA___LFGE 323629	51.48 0.77 0.00	55.76 1.15 0.00	56.99 0.94 0.00	56.15 1.09 0.00	60.23 0.81 0.00	56.58 0.67 0.00	55.03 0.55 0.00	72.07 -0.22 0.00	71.91 -0.77 0.00	56.49 -0.99 0.00	60.67 -0.83 0.00	50.99 -0.51 0.00	69.70 -0.51 0.00	57.62 -0.84 0.00	54.70 -1.44 0.00	53.37 -1.69 0.00	50.30 -2.07 0.00	47.94 -2.58 0.00	46.75 -2.29 0.00	49.46 -2.06 0.00	56.20 -1.75 0.00	81.97 -2.85 0.00	71.51 -1.77 0.00	43.10 -1.13 0.00
CHERRYST_13_KV_LD 356241	52.80 2.09 0.00	56.78 2.17 0.00	58.21 2.15 0.00	57.20 2.13 0.00	61.74 2.31 0.00	58.21 2.30 0.00	56.90 2.41 0.00	75.87 3.58 0.00	76.73 4.06 0.00	60.66 3.19 0.00	64.99 3.49 0.00	54.51 3.01 0.00	74.36 4.15 0.00	62.01 3.55 0.00	59.65 3.51 0.00	58.50 3.44 0.00	55.74 3.38 0.00	53.67 3.15 0.00	52.13 3.09 0.00	54.74 3.22 0.00	61.31 3.35 0.00	89.26 4.44 0.00	76.94 3.66 0.00	46.39 2.16 0.00

CHESTROR_138KV_BK263 355645	51.61 0.89 0.00	55.57 0.96 0.00	57.02 0.97 0.00	56.05 0.99 0.00	60.54 1.11 0.00	57.06 1.14 0.00	55.80 1.31 0.00	74.33 2.04 0.00	74.93 2.26 0.00	59.16 1.69 0.00	63.48 1.99 0.00	53.23 1.73 0.00	72.55 2.34 0.00	60.45 2.00 0.00	58.08 1.94 0.00	56.98 1.92 0.00	54.28 1.92 0.00	52.36 1.83 0.00	50.87 1.83 0.00	53.40 1.88 0.00	59.84 1.89 0.00	87.27 2.46 0.00	75.26 1.98 0.00	45.36 1.14 0.00
CH_MIDHUDSON___DRP 24192	52.14 1.43 0.00	56.09 1.48 0.00	57.56 1.50 0.00	56.55 1.49 0.00	61.06 1.63 0.00	57.57 1.66 0.00	56.29 1.80 0.00	75.01 2.72 0.00	75.70 3.02 0.00	59.81 2.33 0.00	64.13 2.63 0.00	53.76 2.27 0.00	73.30 3.09 0.00	61.10 2.64 0.00	58.71 2.56 0.00	57.63 2.57 0.00	54.89 2.52 0.00	52.92 2.39 0.00	51.41 2.37 0.00	53.99 2.47 0.00	60.51 2.55 0.00	88.15 3.33 0.00	75.99 2.71 0.00	45.82 1.59 0.00
CH_MISC_IPPS 23765	52.38 1.67 0.00	56.35 1.74 0.00	57.83 1.77 0.00	56.83 1.77 0.00	61.37 1.94 0.00	57.87 1.95 0.00	56.60 2.11 0.00	75.44 3.15 0.00	76.14 3.46 0.00	60.16 2.68 0.00	64.54 3.04 0.00	54.11 2.62 0.00	73.80 3.59 0.00	61.49 3.04 0.00	59.08 2.94 0.00	57.96 2.90 0.00	55.21 2.85 0.00	53.23 2.70 0.00	51.71 2.67 0.00	54.32 2.80 0.00	60.87 2.91 0.00	88.66 3.84 0.00	76.40 3.12 0.00	46.05 1.82 0.00
CH_RES_BVR_FALLS 23983	50.68 -0.03 0.00	54.59 -0.02 0.00	56.01 -0.05 0.00	55.04 -0.03 0.00	59.41 -0.02 0.00	55.81 -0.10 0.00	54.28 -0.21 0.00	71.88 -0.41 0.00	72.30 -0.37 0.00	57.36 -0.11 0.00	61.31 -0.19 0.00	51.34 -0.15 0.00	69.92 -0.29 0.00	58.25 -0.21 0.00	55.99 -0.15 0.00	54.87 -0.20 0.00	52.14 -0.23 0.00	50.46 -0.07 0.00	48.93 -0.11 0.00	51.42 -0.10 0.00	57.94 -0.02 0.00	85.00 0.18 0.00	73.47 0.19 0.00	44.37 0.14 0.00
CH_RES_NIAGARA 23895	48.80 -1.91 0.00	52.96 -1.65 0.00	54.12 -1.94 0.00	53.35 -1.72 0.00	57.05 -2.38 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.17 0.00	66.90 -5.77 0.00	52.67 -4.80 0.00	56.24 -5.26 0.00	47.33 -4.16 0.00	64.73 -5.48 0.00	53.56 -4.89 0.00	50.92 -5.22 0.00	49.72 -5.34 0.00	46.45 -5.91 0.00	44.19 -6.33 0.00	43.20 -5.84 0.00	45.92 -5.60 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.15 -6.12 0.00	40.36 -3.86 0.00
CH_RES_SYRACUSE 23985	50.83 0.12 0.00	54.74 0.13 0.00	56.13 0.07 0.00	55.19 0.13 0.00	59.52 0.09 0.00	56.05 0.14 0.00	54.63 0.14 0.00	72.43 0.14 0.00	72.72 0.05 0.00	57.37 -0.11 0.00	61.39 -0.11 0.00	51.42 -0.08 0.00	70.21 0.00 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.87 -0.19 0.00	52.18 -0.18 0.00	50.27 -0.25 0.00	48.82 -0.22 0.00	51.39 -0.13 0.00	57.86 -0.09 0.00	84.45 -0.37 0.00	72.96 -0.32 0.00	43.97 -0.26 0.00
CLINTON_WT_PWR 323605	51.46 0.75 0.00	55.13 0.52 0.00	56.58 0.52 0.00	55.44 0.38 0.00	59.94 0.51 0.00	56.39 0.48 0.00	54.94 0.45 0.00	72.69 0.40 0.00	73.26 0.58 0.00	58.15 0.67 0.00	62.06 0.56 0.00	51.96 0.47 0.00	70.82 0.61 0.00	59.00 0.54 0.00	56.67 0.53 0.00	55.57 0.51 0.00	52.94 0.57 0.00	51.27 0.74 0.00	49.76 0.72 0.00	52.38 0.86 0.00	58.98 1.02 0.00	86.34 1.53 0.00	74.73 1.45 0.00	45.29 1.06 0.00
CLINTON___LFGE 323618	52.06 1.35 0.00	55.77 1.17 0.00	57.20 1.15 0.00	56.04 0.98 0.00	60.55 1.12 0.00	57.01 1.10 0.00	55.59 1.11 0.00	73.50 1.21 0.00	74.12 1.44 0.00	58.77 1.29 0.00	62.83 1.34 0.00	52.53 1.04 0.00	71.64 1.43 0.00	59.69 1.23 0.00	57.31 1.17 0.00	56.26 1.20 0.00	53.58 1.22 0.00	51.89 1.36 0.00	50.41 1.37 0.00	53.09 1.57 0.00	59.75 1.80 0.00	87.34 2.52 0.00	75.56 2.28 0.00	45.82 1.60 0.00
COBBLENY_34_KV_TB1 80064	51.76 1.05 0.00	56.27 1.67 0.00	57.61 1.55 0.00	56.72 1.66 0.00	60.85 1.43 0.00	57.29 1.38 0.00	55.57 1.08 0.00	72.56 0.27 0.00	72.59 -0.08 0.00	56.88 -0.60 0.00	61.18 -0.32 0.00	51.47 -0.02 0.00	70.59 0.38 0.00	58.58 0.12 0.00	55.84 -0.30 0.00	54.54 -0.52 0.00	51.55 -0.81 0.00	49.00 -1.52 0.00	47.41 -1.63 0.00	50.07 -1.45 0.00	56.87 -1.09 0.00	82.99 -1.83 0.00	72.28 -1.00 0.00	43.67 -0.56 0.00
COFFEEN___115KV_TB3 355620	52.09 1.38 0.00	56.07 1.46 0.00	57.40 1.35 0.00	56.49 1.43 0.00	61.00 1.57 0.00	57.41 1.50 0.00	55.88 1.40 0.00	74.16 1.86 0.00	74.60 1.92 0.00	59.01 1.53 0.00	62.19 0.69 0.00	51.85 0.35 0.00	70.01 -0.20 0.00	57.46 -0.99 0.00	55.14 -1.00 0.00	54.39 -0.67 0.00	51.99 -0.37 0.00	50.74 0.21 0.00	49.31 0.27 0.00	52.39 0.87 0.00	59.40 1.44 0.00	86.96 2.15 0.00	75.08 1.81 0.00	45.12 0.89 0.00
COLDSPRG_115KV_BK1 355956	52.76 2.05 0.00	57.23 2.62 0.00	58.52 2.47 0.00	57.63 2.57 0.00	61.84 2.42 0.00	58.16 2.25 0.00	56.54 2.06 0.00	74.03 1.74 0.00	74.01 1.34 0.00	58.11 0.63 0.00	62.45 0.95 0.00	52.48 0.99 0.00	71.80 1.59 0.00	59.44 0.98 0.00	56.49 0.34 0.00	55.15 0.09 0.00	52.02 -0.34 0.00	49.56 -0.97 0.00	48.20 -0.84 0.00	50.95 -0.57 0.00	57.88 -0.08 0.00	84.42 -0.39 0.00	73.56 0.28 0.00	44.35 0.12 0.00
COLONIE_LFGE___ 323577	51.51 0.80 0.00	55.45 0.84 0.00	56.94 0.88 0.00	55.88 0.82 0.00	60.33 0.91 0.00	56.79 0.88 0.00	55.45 0.96 0.00	73.81 1.52 0.00	74.26 1.58 0.00	58.54 1.07 0.00	62.64 1.14 0.00	52.31 0.81 0.00	71.32 1.11 0.00	59.50 1.04 0.00	57.21 1.07 0.00	56.26 1.20 0.00	53.58 1.21 0.00	51.64 1.12 0.00	50.18 1.14 0.00	52.72 1.20 0.00	59.17 1.21 0.00	86.40 1.59 0.00	74.54 1.26 0.00	45.02 0.79 0.00
COOPERNY_115KV_TB1 80082	51.37 0.66 0.00	55.30 0.69 0.00	56.77 0.71 0.00	55.78 0.72 0.00	60.23 0.80 0.00	56.77 0.86 0.00	55.46 0.97 0.00	73.80 1.50 0.00	74.30 1.63 0.00	58.68 1.20 0.00	62.92 1.42 0.00	52.73 1.24 0.00	71.92 1.71 0.00	59.88 1.43 0.00	57.53 1.38 0.00	56.42 1.35 0.00	53.74 1.37 0.00	51.82 1.29 0.00	50.33 1.29 0.00	52.86 1.34 0.00	59.31 1.35 0.00	86.54 1.72 0.00	74.68 1.40 0.00	45.03 0.80 0.00
COPENHAGEN_WT_PWR 323753	51.73 1.02 0.00	55.68 1.07 0.00	57.02 0.96 0.00	56.10 1.04 0.00	60.58 1.15 0.00	56.99 1.08 0.00	55.42 0.94 0.00	73.55 1.26 0.00	73.97 1.29 0.00	58.54 1.06 0.00	61.86 0.36 0.00	51.64 0.15 0.00	69.85 -0.36 0.00	57.51 -0.94 0.00	55.02 -1.12 0.00	54.16 -0.89 0.00	51.65 -0.71 0.00	50.28 -0.25 0.00	48.82 -0.22 0.00	51.83 0.31 0.00	58.76 0.80 0.00	86.12 1.30 0.00	74.47 1.19 0.00	44.76 0.53 0.00
CORNELL_____ 23752	51.94 1.23 0.00	55.92 1.31 0.00	57.33 1.27 0.00	56.36 1.30 0.00	60.75 1.32 0.00	57.22 1.31 0.00	55.82 1.33 0.00	73.99 1.70 0.00	74.23 1.55 0.00	58.43 0.96 0.00	62.58 1.08 0.00	52.41 0.92 0.00	71.61 1.40 0.00	59.46 1.00 0.00	56.99 0.84 0.00	55.89 0.83 0.00	53.17 0.80 0.00	51.30 0.78 0.00	49.87 0.83 0.00	52.55 1.03 0.00	59.22 1.27 0.00	86.30 1.48 0.00	74.51 1.23 0.00	44.88 0.65 0.00

CORONA V_69_KV_TB1 355595	52.24 1.53 0.00	56.32 1.66 -0.05	57.71 1.63 -0.03	56.67 1.61 0.00	61.09 1.67 0.00	57.37 1.46 0.00	56.14 1.65 0.00	74.55 2.25 0.00	75.50 2.82 0.00	60.04 2.56 0.00	64.21 2.65 -0.06	53.92 2.38 -0.05	73.29 3.00 -0.08	68.88 3.14 -7.28	62.43 3.06 -3.23	59.33 2.93 -1.34	55.13 2.71 -0.06	53.06 2.47 -0.06	51.63 2.53 -0.06	59.84 2.75 -5.58	69.74 2.60 -9.18	88.04 3.20 -0.02	76.02 2.74 0.00	45.73 1.51 0.00
CORTLAND_115KV_TB3 80093	51.45 0.74 0.00	55.41 0.80 0.00	56.84 0.79 0.00	55.86 0.80 0.00	60.24 0.82 0.00	56.72 0.81 0.00	55.32 0.83 0.00	73.38 1.09 0.00	73.67 0.99 0.00	58.06 0.58 0.00	62.17 0.67 0.00	52.08 0.59 0.00	71.06 0.85 0.00	59.06 0.60 0.00	56.64 0.49 0.00	55.53 0.46 0.00	52.83 0.46 0.00	50.92 0.39 0.00	49.46 0.42 0.00	52.08 0.56 0.00	58.66 0.70 0.00	85.56 0.75 0.00	73.92 0.64 0.00	44.54 0.31 0.00
COXSACKIE__GT 23611	52.81 2.11 0.00	56.82 2.21 0.00	58.36 2.30 0.00	57.27 2.21 0.00	61.89 2.46 0.00	58.38 2.47 0.00	57.12 2.63 0.00	76.14 3.84 0.00	76.98 4.31 0.00	60.78 3.31 0.00	65.04 3.54 0.00	54.23 2.74 0.00	73.96 3.75 0.00	61.57 3.11 0.00	59.13 2.99 0.00	58.21 3.15 0.00	55.52 3.16 0.00	53.54 3.01 0.00	52.04 3.00 0.00	54.70 3.18 0.00	61.26 3.30 0.00	89.24 4.42 0.00	76.84 3.56 0.00	46.30 2.08 0.00
CPV_VALLEY__CC1 323721	51.29 0.58 0.00	55.20 0.59 0.00	56.65 0.59 0.00	55.68 0.62 0.00	60.14 0.71 0.00	56.67 0.76 0.00	55.41 0.92 0.00	73.80 1.51 0.00	74.36 1.69 0.00	58.73 1.25 0.00	63.01 1.51 0.00	52.83 1.34 0.00	72.04 1.83 0.00	59.99 1.54 0.00	57.63 1.48 0.00	56.55 1.49 0.00	53.86 1.50 0.00	51.93 1.41 0.00	50.46 1.42 0.00	52.98 1.46 0.00	59.38 1.42 0.00	86.61 1.79 0.00	74.71 1.43 0.00	45.05 0.82 0.00
CPV_VALLEY__CC2 323722	51.29 0.58 0.00	55.20 0.59 0.00	56.65 0.59 0.00	55.68 0.62 0.00	60.14 0.71 0.00	56.67 0.76 0.00	55.41 0.92 0.00	73.80 1.51 0.00	74.36 1.69 0.00	58.73 1.25 0.00	63.01 1.51 0.00	52.83 1.34 0.00	72.04 1.83 0.00	59.99 1.54 0.00	57.63 1.48 0.00	56.55 1.49 0.00	53.86 1.50 0.00	51.93 1.41 0.00	50.46 1.42 0.00	52.98 1.46 0.00	59.38 1.42 0.00	86.61 1.79 0.00	74.71 1.43 0.00	45.05 0.82 0.00
CRESCENT__HYD 24018	51.51 0.80 0.00	55.45 0.84 0.00	56.94 0.88 0.00	55.88 0.82 0.00	60.33 0.91 0.00	56.79 0.88 0.00	55.45 0.96 0.00	73.81 1.52 0.00	74.26 1.58 0.00	58.54 1.07 0.00	62.64 1.14 0.00	52.31 0.81 0.00	71.32 1.11 0.00	59.50 1.04 0.00	57.21 1.07 0.00	56.26 1.20 0.00	53.58 1.21 0.00	51.64 1.12 0.00	50.18 1.14 0.00	52.72 1.20 0.00	59.17 1.21 0.00	86.40 1.59 0.00	74.54 1.26 0.00	45.02 0.79 0.00
CRICKET__VALLEY_CC1 323756	51.57 0.86 0.00	55.50 0.89 0.00	56.95 0.89 0.00	55.94 0.88 0.00	60.41 0.99 0.00	56.95 1.04 0.00	55.65 1.17 0.00	74.20 1.90 0.00	74.82 2.15 0.00	59.04 1.56 0.00	63.27 1.78 0.00	53.04 1.55 0.00	72.28 2.07 0.00	60.27 1.82 0.00	57.93 1.78 0.00	56.93 1.87 0.00	54.23 1.87 0.00	52.31 1.78 0.00	50.84 1.79 0.00	53.40 1.88 0.00	59.82 1.87 0.00	87.21 2.39 0.00	75.10 1.82 0.00	45.31 1.08 0.00
CRICKET__VALLEY_CC2 323757	51.57 0.86 0.00	55.50 0.89 0.00	56.95 0.89 0.00	55.94 0.88 0.00	60.41 0.99 0.00	56.95 1.04 0.00	55.65 1.17 0.00	74.20 1.90 0.00	74.82 2.15 0.00	59.04 1.56 0.00	63.27 1.78 0.00	53.04 1.55 0.00	72.28 2.07 0.00	60.27 1.82 0.00	57.93 1.78 0.00	56.93 1.87 0.00	54.23 1.87 0.00	52.31 1.78 0.00	50.84 1.79 0.00	53.40 1.88 0.00	59.82 1.87 0.00	87.21 2.39 0.00	75.10 1.82 0.00	45.31 1.08 0.00
CRICKET__VALLEY_CC3 323758	51.57 0.86 0.00	55.50 0.89 0.00	56.95 0.89 0.00	55.94 0.88 0.00	60.41 0.99 0.00	56.95 1.04 0.00	55.65 1.17 0.00	74.20 1.90 0.00	74.82 2.15 0.00	59.04 1.56 0.00	63.27 1.78 0.00	53.04 1.55 0.00	72.28 2.07 0.00	60.27 1.82 0.00	57.93 1.78 0.00	56.93 1.87 0.00	54.23 1.87 0.00	52.31 1.78 0.00	50.84 1.79 0.00	53.40 1.88 0.00	59.82 1.87 0.00	87.21 2.39 0.00	75.10 1.82 0.00	45.31 1.08 0.00
CRUCIBLE_METL_DRP 24180	50.83 0.12 0.00	54.74 0.13 0.00	56.13 0.07 0.00	55.19 0.13 0.00	59.53 0.10 0.00	56.05 0.14 0.00	54.63 0.14 0.00	72.42 0.13 0.00	72.72 0.05 0.00	57.37 -0.11 0.00	61.39 -0.11 0.00	51.42 -0.08 0.00	70.21 0.00 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.87 -0.19 0.00	52.18 -0.18 0.00	50.27 -0.26 0.00	48.82 -0.22 0.00	51.39 -0.13 0.00	57.86 -0.09 0.00	84.45 -0.37 0.00	72.96 -0.32 0.00	43.97 -0.26 0.00
DAHOWA__HYDRO 323763	52.44 1.73 0.00	56.52 1.91 0.00	58.03 1.98 0.00	56.96 1.90 0.00	61.45 2.03 0.00	57.87 1.96 0.00	56.54 2.05 0.00	75.28 2.99 0.00	75.68 3.01 0.00	59.60 2.12 0.00	63.62 2.12 0.00	53.05 1.56 0.00	72.28 2.07 0.00	60.29 1.84 0.00	58.02 1.88 0.00	57.11 2.05 0.00	54.46 2.10 0.00	52.61 2.09 0.00	51.19 2.14 0.00	53.83 2.31 0.00	60.36 2.40 0.00	88.15 3.33 0.00	75.85 2.57 0.00	45.80 1.57 0.00
DANC__LFGE 323619	51.08 0.37 0.00	54.98 0.37 0.00	56.35 0.30 0.00	55.42 0.36 0.00	59.80 0.38 0.00	56.24 0.33 0.00	54.71 0.22 0.00	72.58 0.28 0.00	72.99 0.31 0.00	57.74 0.26 0.00	61.32 -0.18 0.00	51.24 -0.25 0.00	69.54 -0.67 0.00	57.45 -1.00 0.00	54.93 -1.22 0.00	53.99 -1.07 0.00	51.44 -0.93 0.00	49.91 -0.62 0.00	48.47 -0.57 0.00	51.29 -0.23 0.00	58.00 0.04 0.00	84.94 0.12 0.00	73.43 0.15 0.00	44.17 -0.05 0.00
DANSKAMMER__1 23586	52.38 1.67 0.00	56.35 1.74 0.00	57.83 1.77 0.00	56.83 1.77 0.00	61.37 1.94 0.00	57.87 1.95 0.00	56.60 2.11 0.00	75.44 3.15 0.00	76.14 3.46 0.00	60.16 2.68 0.00	64.54 3.04 0.00	54.11 2.62 0.00	73.80 3.59 0.00	61.49 3.04 0.00	59.08 2.94 0.00	57.96 2.90 0.00	55.21 2.85 0.00	53.23 2.70 0.00	51.71 2.67 0.00	54.32 2.80 0.00	60.87 2.91 0.00	88.66 3.84 0.00	76.40 3.12 0.00	46.05 1.82 0.00
DANSKAMMER__2 23589	52.38 1.67 0.00	56.35 1.74 0.00	57.83 1.77 0.00	56.83 1.77 0.00	61.37 1.94 0.00	57.87 1.95 0.00	56.60 2.11 0.00	75.44 3.15 0.00	76.14 3.46 0.00	60.16 2.68 0.00	64.54 3.04 0.00	54.11 2.62 0.00	73.80 3.59 0.00	61.49 3.04 0.00	59.08 2.94 0.00	57.96 2.90 0.00	55.21 2.85 0.00	53.23 2.70 0.00	51.71 2.67 0.00	54.32 2.80 0.00	60.87 2.91 0.00	88.66 3.84 0.00	76.40 3.12 0.00	46.05 1.82 0.00
DANSKAMMER__3 23590	52.38 1.67 0.00	56.35 1.74 0.00	57.83 1.77 0.00	56.83 1.77 0.00	61.37 1.94 0.00	57.87 1.95 0.00	56.60 2.11 0.00	75.44 3.15 0.00	76.14 3.46 0.00	60.16 2.68 0.00	64.54 3.04 0.00	54.11 2.62 0.00	73.80 3.59 0.00	61.49 3.04 0.00	59.08 2.94 0.00	57.96 2.90 0.00	55.21 2.85 0.00	53.23 2.70 0.00	51.71 2.67 0.00	54.32 2.80 0.00	60.87 2.91 0.00	88.66 3.84 0.00	76.40 3.12 0.00	46.05 1.82 0.00

DANSKAMMER___4 23591	52.38 1.67 0.00	56.35 1.74 0.00	57.83 1.77 0.00	56.83 1.77 0.00	61.37 1.94 0.00	57.87 1.95 0.00	56.60 2.11 0.00	75.44 3.15 0.00	76.14 3.46 0.00	60.16 2.68 0.00	64.54 3.04 0.00	54.11 2.62 0.00	73.80 3.59 0.00	61.49 3.04 0.00	59.08 2.94 0.00	57.96 2.90 0.00	55.21 2.85 0.00	53.23 2.70 0.00	51.71 2.67 0.00	54.32 2.80 0.00	60.87 2.91 0.00	88.66 3.84 0.00	76.40 3.12 0.00	46.05 1.82 0.00
DANSKAMMER___DIESEL 23592	52.39 1.68 0.00	56.35 1.74 0.00	57.82 1.77 0.00	56.83 1.77 0.00	61.36 1.93 0.00	57.87 1.95 0.00	56.60 2.11 0.00	75.44 3.15 0.00	76.14 3.46 0.00	60.16 2.68 0.00	64.54 3.04 0.00	54.12 2.63 0.00	73.80 3.59 0.00	61.50 3.04 0.00	59.08 2.94 0.00	57.96 2.90 0.00	55.21 2.85 0.00	53.23 2.71 0.00	51.72 2.68 0.00	54.33 2.80 0.00	60.87 2.91 0.00	88.65 3.83 0.00	76.40 3.12 0.00	46.05 1.82 0.00
DARBY___SOLAR 323810	52.37 1.65 0.00	56.44 1.83 0.00	57.94 1.89 0.00	56.86 1.80 0.00	61.35 1.93 0.00	57.79 1.88 0.00	56.45 1.96 0.00	75.14 2.85 0.00	75.57 2.90 0.00	59.52 2.05 0.00	63.55 2.06 0.00	53.00 1.51 0.00	72.20 1.99 0.00	60.24 1.78 0.00	57.97 1.82 0.00	57.04 1.98 0.00	54.39 2.03 0.00	52.53 2.00 0.00	51.09 2.05 0.00	53.73 2.21 0.00	60.26 2.30 0.00	87.98 3.17 0.00	75.76 2.48 0.00	45.73 1.51 0.00
DASHVILLE___HYD 23610	52.01 1.30 0.00	55.96 1.35 0.00	57.42 1.37 0.00	56.42 1.35 0.00	60.92 1.49 0.00	57.44 1.53 0.00	56.15 1.67 0.00	74.84 2.55 0.00	75.52 2.84 0.00	59.69 2.21 0.00	64.05 2.55 0.00	53.71 2.21 0.00	73.25 3.05 0.00	61.07 2.61 0.00	58.65 2.51 0.00	57.56 2.49 0.00	54.79 2.43 0.00	52.83 2.30 0.00	51.31 2.27 0.00	53.90 2.38 0.00	60.39 2.43 0.00	87.97 3.15 0.00	75.85 2.58 0.00	45.71 1.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	50.17 -0.54 0.00	53.92 -0.68 0.00	55.22 -0.83 0.00	54.30 -0.76 0.00	58.51 -0.92 0.00	54.30 -0.98 0.64	54.89 0.40 0.00	73.04 0.76 0.01	73.82 1.14 0.00	58.97 1.49 0.00	62.09 0.60 0.00	52.22 0.73 0.00	70.69 0.54 0.06	58.73 1.11 0.83	56.88 1.06 0.32	55.78 0.92 0.20	53.28 0.92 0.00	51.22 0.70 0.00	49.97 0.93 0.00	50.10 1.12 2.55	48.63 0.71 10.04	85.20 0.39 0.01	74.29 1.01 0.00	44.67 0.44 0.00
DELAWARE___LFGE 323621	51.88 1.17 0.00	55.84 1.23 0.00	57.41 1.35 0.00	56.34 1.28 0.00	60.81 1.38 0.00	57.29 1.38 0.00	55.93 1.44 0.00	74.29 1.99 0.00	74.75 2.08 0.00	58.99 1.52 0.00	63.20 1.70 0.00	52.94 1.44 0.00	72.23 2.02 0.00	60.08 1.63 0.00	57.67 1.53 0.00	56.54 1.48 0.00	53.85 1.49 0.00	51.91 1.38 0.00	50.37 1.33 0.00	52.94 1.42 0.00	59.53 1.57 0.00	86.87 2.04 0.00	74.99 1.71 0.00	45.23 1.00 0.00
DERFIELD_115KV_TB7 355931	50.71 0.00 0.00	54.61 0.00 0.00	56.06 0.00 0.00	55.06 0.00 0.00	59.43 0.00 0.00	55.91 0.00 0.00	54.54 0.05 0.00	72.44 0.15 0.00	72.90 0.22 0.00	57.59 0.11 0.00	61.61 0.11 0.00	51.56 0.07 0.00	70.32 0.11 0.00	58.57 0.11 0.00	56.22 0.08 0.00	55.17 0.11 0.00	52.51 0.14 0.00	50.63 0.10 0.00	49.16 0.12 0.00	51.67 0.15 0.00	58.07 0.11 0.00	84.90 0.09 0.00	73.32 0.04 0.00	44.22 0.00 0.00
DOGLEVILLE___HYD 23807	49.62 -1.08 0.00	53.39 -1.21 0.00	54.91 -1.14 0.00	53.94 -1.13 0.00	58.26 -1.17 0.00	54.84 -1.07 0.00	53.65 -0.83 0.00	71.67 -0.63 0.00	72.58 -0.10 0.00	57.06 -0.42 0.00	60.82 -0.68 0.00	50.59 -0.91 0.00	68.96 -1.25 0.00	57.25 -1.20 0.00	55.04 -1.10 0.00	54.61 -0.46 0.00	52.32 -0.04 0.00	50.39 -0.13 0.00	49.20 0.16 0.00	51.81 0.29 0.00	57.94 -0.01 0.00	84.45 -0.37 0.00	72.50 -0.78 0.00	43.65 -0.57 0.00
DUNKIRK___115KV_TB_200 55889	51.38 0.67 0.00	55.65 1.04 0.00	56.89 0.83 0.00	56.04 0.98 0.00	60.14 0.72 0.00	56.47 0.55 0.00	54.92 0.44 0.00	71.92 -0.37 0.00	71.76 -0.92 0.00	56.36 -1.12 0.00	60.53 -0.97 0.00	50.88 -0.62 0.00	69.55 -0.65 0.00	57.51 -0.95 0.00	54.60 -1.55 0.00	53.27 -1.80 0.00	50.20 -2.16 0.00	47.84 -2.69 0.00	46.65 -2.39 0.00	49.38 -2.15 0.00	56.08 -1.88 0.00	81.79 -3.02 0.00	71.37 -1.91 0.00	43.01 -1.21 0.00
DUNKIRK___1 23563	51.38 0.67 0.00	55.65 1.04 0.00	56.89 0.83 0.00	56.04 0.98 0.00	60.14 0.72 0.00	56.47 0.55 0.00	54.92 0.44 0.00	71.92 -0.37 0.00	71.76 -0.92 0.00	56.36 -1.12 0.00	60.53 -0.97 0.00	50.88 -0.62 0.00	69.55 -0.65 0.00	57.51 -0.95 0.00	54.60 -1.55 0.00	53.27 -1.80 0.00	50.20 -2.16 0.00	47.84 -2.69 0.00	46.65 -2.39 0.00	49.38 -2.15 0.00	56.08 -1.88 0.00	81.79 -3.02 0.00	71.37 -1.91 0.00	43.01 -1.21 0.00
DUNKIRK___2 23564	51.38 0.67 0.00	55.65 1.04 0.00	56.89 0.83 0.00	56.04 0.98 0.00	60.14 0.72 0.00	56.47 0.55 0.00	54.92 0.44 0.00	71.92 -0.37 0.00	71.76 -0.92 0.00	56.36 -1.12 0.00	60.53 -0.97 0.00	50.88 -0.62 0.00	69.55 -0.65 0.00	57.51 -0.95 0.00	54.60 -1.55 0.00	53.27 -1.80 0.00	50.20 -2.16 0.00	47.84 -2.69 0.00	46.65 -2.39 0.00	49.38 -2.15 0.00	56.08 -1.88 0.00	81.79 -3.02 0.00	71.37 -1.91 0.00	43.01 -1.21 0.00
DUNKIRK___3 23565	51.04 0.33 0.00	55.31 0.70 0.00	56.54 0.48 0.00	55.71 0.64 0.00	59.75 0.33 0.00	56.12 0.21 0.00	54.53 0.04 0.00	71.37 -0.93 0.00	71.21 -1.47 0.00	55.94 -1.54 0.00	60.05 -1.45 0.00	50.48 -1.02 0.00	69.03 -1.18 0.00	57.11 -1.35 0.00	54.25 -1.90 0.00	52.94 -2.12 0.00	49.86 -2.51 0.00	47.50 -3.03 0.00	46.29 -2.75 0.00	49.02 -2.50 0.00	55.65 -2.31 0.00	81.17 -3.65 0.00	70.91 -2.37 0.00	42.72 -1.50 0.00
DUNKIRK___4 23566	51.04 0.33 0.00	55.31 0.70 0.00	56.54 0.48 0.00	55.71 0.64 0.00	59.75 0.33 0.00	56.12 0.21 0.00	54.53 0.04 0.00	71.37 -0.93 0.00	71.21 -1.47 0.00	55.94 -1.54 0.00	60.05 -1.45 0.00	50.48 -1.02 0.00	69.03 -1.18 0.00	57.11 -1.35 0.00	54.25 -1.90 0.00	52.94 -2.12 0.00	49.86 -2.51 0.00	47.50 -3.03 0.00	46.29 -2.75 0.00	49.02 -2.50 0.00	55.65 -2.31 0.00	81.17 -3.65 0.00	70.91 -2.37 0.00	42.72 -1.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.41 1.71 0.00	56.40 1.79 0.00	57.84 1.79 0.00	56.85 1.79 0.00	61.37 1.95 0.00	57.84 1.93 0.00	56.53 2.04 0.00	75.34 3.05 0.00	76.11 3.43 0.00	60.15 2.68 0.00	64.47 2.97 0.00	54.05 2.55 0.00	73.72 3.51 0.00	61.48 3.02 0.00	59.12 2.98 0.00	57.98 2.92 0.00	55.25 2.89 0.00	53.21 2.68 0.00	51.71 2.67 0.00	54.31 2.79 0.00	60.83 2.87 0.00	88.59 3.77 0.00	76.39 3.11 0.00	46.06 1.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.96 1.25 0.00	55.91 1.30 0.00	57.38 1.32 0.00	56.39 1.33 0.00	60.91 1.48 0.00	57.43 1.52 0.00	56.17 1.68 0.00	74.86 2.57 0.00	75.50 2.82 0.00	59.64 2.17 0.00	64.00 2.50 0.00	53.66 2.17 0.00	73.17 2.96 0.00	60.97 2.52 0.00	58.58 2.44 0.00	57.47 2.40 0.00	54.73 2.37 0.00	52.78 2.25 0.00	51.28 2.25 0.00	53.85 2.33 0.00	60.35 2.39 0.00	87.95 3.14 0.00	75.82 2.54 0.00	45.70 1.47 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	52.54 1.83 0.00	56.52 1.91 0.00	58.02 1.96 0.00	57.01 1.95 0.00	61.52 2.10 0.00	58.01 2.10 0.00	56.70 2.22 0.00	75.62 3.33 0.00	76.50 3.82 0.00	60.52 3.04 0.00	64.85 3.35 0.00	54.40 2.90 0.00	74.19 3.98 0.00	61.89 3.43 0.00	59.49 3.35 0.00	58.35 3.28 0.00	55.61 3.24 -0.01	53.56 3.03 0.00	51.97 2.93 0.00	54.59 3.07 0.00	61.14 3.19 0.00	89.01 4.19 0.00	76.69 3.41 0.00	46.18 1.95 -0.01
E179THST_13_KV_LOAD 356214	52.77 2.06 0.00	56.77 2.16 0.00	58.24 2.18 0.00	57.23 2.17 0.00	61.75 2.33 0.00	58.24 2.33 0.00	56.92 2.43 0.00	75.95 3.66 0.00	76.81 4.14 0.00	60.77 3.30 0.00	65.13 3.63 0.00	54.64 3.15 0.00	74.54 4.34 0.00	62.18 3.72 0.00	59.77 3.62 0.00	58.62 3.55 0.00	55.87 3.50 -0.01	53.81 3.28 0.00	52.20 3.16 0.00	54.85 3.32 0.00	61.42 3.46 0.00	89.40 4.58 0.00	77.04 3.76 0.00	46.38 2.15 -0.01
EAST HAMPTON___GT 23717	49.13 -1.58 0.00	52.77 -1.83 0.00	54.07 -1.98 0.00	53.16 -1.90 0.00	57.30 -2.12 0.00	53.20 -2.07 0.64	53.85 -0.63 0.00	71.84 -0.44 0.01	72.64 -0.03 0.00	58.08 0.60 0.00	61.12 -0.37 0.00	51.42 -0.07 0.00	69.57 -0.58 0.06	57.79 0.16 0.83	55.96 0.14 0.32	54.89 0.03 0.20	52.43 0.07 0.00	50.43 -0.08 0.00	49.22 0.18 0.00	49.32 0.35 2.55	47.73 -0.18 10.04	83.81 -0.99 0.01	73.03 -0.24 0.00	43.90 -0.33 0.00
EAST RIVER___6 23660	52.75 2.04 0.00	56.73 2.12 0.00	58.15 2.10 0.00	57.14 2.08 0.00	61.68 2.26 0.00	58.15 2.24 0.00	56.83 2.35 0.00	75.79 3.50 0.00	76.65 3.97 0.00	60.58 3.10 0.00	64.92 3.42 0.00	54.45 2.96 0.00	74.29 4.08 0.00	61.95 3.49 0.00	59.59 3.44 0.00	58.43 3.37 0.00	55.69 3.33 0.00	53.62 3.09 0.00	52.08 3.03 0.00	54.69 3.17 0.00	61.24 3.28 0.00	89.17 4.35 0.00	76.87 3.59 0.00	46.35 2.12 0.00
EAST RIVER___7 23524	52.75 2.04 0.00	56.73 2.12 0.00	58.15 2.10 0.00	57.14 2.08 0.00	61.68 2.26 0.00	58.15 2.24 0.00	56.83 2.35 0.00	75.79 3.50 0.00	76.65 3.97 0.00	60.58 3.10 0.00	64.92 3.42 0.00	54.45 2.96 0.00	74.29 4.08 0.00	61.95 3.49 0.00	59.59 3.44 0.00	58.43 3.37 0.00	55.69 3.33 0.00	53.62 3.09 0.00	52.08 3.03 0.00	54.69 3.17 0.00	61.24 3.28 0.00	89.17 4.35 0.00	76.87 3.59 0.00	46.35 2.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.26 1.55 0.00	56.23 1.62 0.00	57.66 1.61 0.00	56.67 1.61 0.00	61.19 1.76 0.00	57.67 1.75 0.00	56.38 1.90 0.00	75.14 2.85 0.00	75.89 3.21 0.00	59.96 2.49 0.00	64.29 2.78 0.00	53.89 2.40 0.00	73.48 3.27 0.00	61.27 2.82 0.00	58.92 2.77 0.00	57.80 2.73 0.00	55.08 2.72 0.00	53.07 2.54 0.00	51.55 2.51 0.00	54.13 2.61 0.00	60.64 2.68 0.00	88.36 3.54 0.00	76.18 2.90 0.00	45.93 1.70 0.00
EAST_HAMPTON___DIESEL 23722	48.96 -1.75 0.00	52.56 -2.04 0.00	53.87 -2.18 0.00	52.97 -2.09 0.00	57.08 -2.34 0.00	53.02 -2.26 0.64	53.67 -0.82 0.00	71.60 -0.69 0.01	72.41 -0.27 0.00	57.88 0.40 0.00	60.92 -0.58 0.00	51.24 -0.25 0.00	69.33 -0.82 0.06	57.60 -0.03 0.83	55.78 -0.05 0.32	54.71 -0.15 0.20	52.26 -0.09 0.00	50.26 -0.25 0.00	49.05 0.02 0.00	49.15 0.17 2.55	47.54 -0.37 10.04	83.53 -1.27 0.01	72.79 -0.49 0.00	43.76 -0.47 0.00
EAST_POINT___SOLAR 323840	54.19 3.48 0.00	58.40 3.79 0.00	59.96 3.90 0.00	58.91 3.85 0.00	63.60 4.18 0.00	60.05 4.14 0.00	58.62 4.13 0.00	77.78 5.48 0.00	78.35 5.67 0.00	61.70 4.22 0.00	65.28 3.78 0.00	54.32 2.83 0.00	73.81 3.60 0.00	61.27 2.81 0.00	59.28 3.14 0.00	58.15 3.09 0.00	55.64 3.28 0.00	54.09 3.56 0.00	52.65 3.61 0.00	55.62 4.10 0.00	62.64 4.68 0.00	91.40 6.59 0.00	78.85 5.57 0.00	47.42 3.20 0.00
EAST_PULASKI___ESR 323781	50.53 -0.18 0.00	54.40 -0.20 0.00	55.79 -0.26 0.00	54.85 -0.22 0.00	59.18 -0.24 0.00	55.65 -0.26 0.00	54.17 -0.31 0.00	71.85 -0.44 0.00	72.25 -0.42 0.00	57.12 -0.36 0.00	60.92 -0.58 0.00	50.97 -0.52 0.00	69.39 -0.82 0.00	57.52 -0.94 0.00	54.99 -1.15 0.00	53.97 -1.10 0.00	51.38 -0.98 0.00	49.68 -0.85 0.00	48.27 -0.77 0.00	50.91 -0.61 0.00	57.44 -0.52 0.00	83.99 -0.83 0.00	72.60 -0.68 0.00	43.71 -0.52 0.00
EAST_RIVER___1 323558	52.64 1.93 0.00	56.62 2.01 0.00	58.04 1.98 0.00	57.03 1.97 0.00	61.56 2.14 0.00	58.05 2.13 0.00	56.73 2.24 0.00	75.65 3.35 0.00	76.50 3.83 0.00	60.47 2.99 0.00	64.78 3.28 0.00	54.34 2.85 0.00	74.13 3.92 0.00	61.82 3.36 0.00	59.47 3.32 0.00	58.32 3.26 0.00	55.59 3.22 0.00	53.51 2.98 0.00	51.98 2.93 0.00	54.58 3.06 0.00	61.12 3.17 0.00	89.00 4.18 0.00	76.72 3.44 0.00	46.26 2.03 0.00
EAST_RIVER___2 323559	52.75 2.04 0.00	56.73 2.12 0.00	58.15 2.10 0.00	57.14 2.08 0.00	61.68 2.26 0.00	58.15 2.24 0.00	56.83 2.35 0.00	75.79 3.50 0.00	76.65 3.97 0.00	60.58 3.10 0.00	64.92 3.42 0.00	54.45 2.96 0.00	74.29 4.08 0.00	61.95 3.49 0.00	59.59 3.44 0.00	58.43 3.37 0.00	55.69 3.33 0.00	53.62 3.09 0.00	52.08 3.03 0.00	54.69 3.17 0.00	61.24 3.28 0.00	89.17 4.35 0.00	76.87 3.59 0.00	46.35 2.12 0.00
EAST___DELAWARE_HYD 23607	52.74 2.03 0.00	56.73 2.12 0.00	58.20 2.14 0.00	57.21 2.15 0.00	61.81 2.38 0.00	58.30 2.39 0.00	57.02 2.54 0.00	75.98 3.69 0.00	76.68 4.00 0.00	60.56 3.08 0.00	65.00 3.50 0.00	54.48 2.99 0.00	74.35 4.13 0.00	61.96 3.50 0.00	59.49 3.35 0.00	58.34 3.28 0.00	55.54 3.18 0.00	53.54 3.01 0.00	52.04 3.00 0.00	54.67 3.15 0.00	61.28 3.32 0.00	89.30 4.48 0.00	76.93 3.65 0.00	46.33 2.10 0.00
EIGHT_POINT___WT_PWR 323820	51.54 0.83 0.00	55.60 1.00 0.00	56.88 0.82 0.00	55.97 0.91 0.00	60.13 0.70 0.00	56.51 0.60 0.00	55.15 0.66 0.00	72.56 0.27 0.00	72.20 -0.47 0.00	56.62 -0.86 0.00	60.22 -1.28 0.00	50.32 -1.17 0.00	68.86 -1.35 0.00	56.93 -1.52 0.00	54.24 -1.91 0.00	53.10 -1.96 0.00	49.95 -2.41 0.00	47.75 -2.78 0.00	46.64 -2.40 0.00	49.65 -1.87 0.00	56.56 -1.40 0.00	82.79 -2.03 0.00	72.25 -1.03 0.00	43.39 -0.83 0.00
ELBRIDGE_115KV_TB2 80188	50.61 -0.10 0.00	54.51 -0.10 0.00	55.86 -0.20 0.00	54.96 -0.10 0.00	59.28 -0.15 0.00	55.81 -0.10 0.00	54.38 -0.11 0.00	72.09 -0.20 0.00	72.33 -0.34 0.00	57.02 -0.45 0.00	61.05 -0.46 0.00	51.12 -0.37 0.00	69.86 -0.35 0.00	58.06 -0.40 0.00	55.68 -0.46 0.00	54.57 -0.49 0.00	51.89 -0.47 0.00	49.96 -0.57 0.00	48.54 -0.50 0.00	51.09 -0.43 0.00	57.55 -0.40 0.00	84.02 -0.80 0.00	72.54 -0.74 0.00	43.71 -0.52 0.00
ELEC_TRO_TEK 24086	51.94 1.23 0.00	55.96 1.33 -0.02	57.34 1.27 -0.01	56.34 1.28 0.00	60.71 1.29 0.00	56.93 1.13 0.11	55.83 1.34 0.00	74.18 1.89 0.00	75.11 2.43 0.00	59.70 2.22 0.00	63.78 2.26 -0.02	53.57 2.06 -0.02	72.78 2.55 -0.02	63.93 2.75 -2.72	60.05 2.69 -1.21	58.11 2.56 -0.49	54.75 2.37 -0.02	52.71 2.16 -0.02	51.27 2.21 -0.02	55.72 2.44 -1.76	62.13 2.24 -1.93	87.50 2.68 0.00	75.60 2.32 0.00	45.50 1.28 0.00

ELLENBURG_WT_PWR 323604	51.46 0.75 0.00	55.13 0.52 0.00	56.58 0.52 0.00	55.44 0.38 0.00	59.94 0.51 0.00	56.39 0.48 0.00	54.94 0.45 0.00	72.69 0.40 0.00	73.26 0.58 0.00	58.15 0.67 0.00	62.06 0.56 0.00	51.96 0.47 0.00	70.82 0.61 0.00	59.00 0.54 0.00	56.67 0.53 0.00	55.57 0.51 0.00	52.94 0.57 0.00	51.27 0.74 0.00	49.76 0.72 0.00	52.38 0.86 0.00	58.98 1.02 0.00	86.34 1.53 0.00	74.73 1.45 0.00	45.29 1.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.13 -0.58 0.00	54.33 -0.27 0.00	55.53 -0.53 0.00	54.73 -0.33 0.00	58.60 -0.82 0.00	55.01 -0.90 0.00	53.38 -1.11 0.00	69.56 -2.73 0.00	69.49 -3.18 0.00	54.67 -2.81 0.00	58.51 -3.00 0.00	49.22 -2.27 0.00	67.29 -2.92 0.00	55.68 -2.77 0.00	52.95 -3.20 0.00	51.69 -3.37 0.00	48.45 -3.91 0.00	46.12 -4.40 0.00	45.03 -4.01 0.00	47.77 -3.75 0.00	54.29 -3.66 0.00	79.12 -5.69 0.00	69.44 -3.84 0.00	41.75 -2.48 0.00
EMPIRE_CC_1 323656	51.43 0.72 0.00	55.38 0.78 0.00	56.88 0.82 0.00	55.84 0.78 0.00	60.30 0.88 0.00	56.74 0.83 0.00	55.40 0.92 0.00	73.71 1.42 0.00	74.16 1.48 0.00	58.46 0.99 0.00	62.59 1.09 0.00	52.31 0.81 0.00	71.34 1.13 0.00	59.52 1.06 0.00	57.24 1.10 0.00	56.27 1.21 0.00	53.55 1.19 0.00	51.61 1.09 0.00	50.13 1.09 0.00	52.62 1.10 0.00	59.06 1.11 0.00	86.25 1.43 0.00	74.43 1.15 0.00	44.99 0.76 0.00
EMPIRE_CC_2 323658	51.43 0.72 0.00	55.38 0.78 0.00	56.88 0.82 0.00	55.84 0.78 0.00	60.30 0.88 0.00	56.74 0.83 0.00	55.40 0.92 0.00	73.71 1.42 0.00	74.16 1.48 0.00	58.46 0.99 0.00	62.59 1.09 0.00	52.31 0.81 0.00	71.34 1.13 0.00	59.52 1.06 0.00	57.24 1.10 0.00	56.27 1.21 0.00	53.55 1.19 0.00	51.61 1.09 0.00	50.13 1.09 0.00	52.62 1.10 0.00	59.06 1.11 0.00	86.25 1.43 0.00	74.43 1.15 0.00	44.99 0.76 0.00
ENORWICH_115KV_TB1 80156	54.44 3.73 0.00	58.45 3.84 0.00	60.06 4.00 0.00	59.04 3.98 0.00	63.62 4.20 0.00	60.02 4.11 0.00	58.49 4.00 0.00	77.51 5.21 0.00	77.82 5.14 0.00	61.03 3.55 0.00	65.53 4.03 0.00	54.88 3.39 0.00	75.10 4.89 0.00	62.28 3.83 0.00	59.33 3.19 0.00	58.11 3.05 0.00	55.56 3.19 0.00	53.87 3.34 0.00	52.43 3.39 0.00	55.27 3.75 0.00	62.37 4.41 0.00	90.33 5.52 0.00	77.61 4.33 0.00	46.71 2.48 0.00
ERIE_ST_34_KV_TB1-2 80199	50.89 0.18 0.00	55.15 0.54 0.00	56.36 0.30 0.00	55.53 0.47 0.00	59.48 0.05 0.00	55.88 -0.03 0.00	54.26 -0.23 0.00	70.86 -1.43 0.00	70.82 -1.86 0.00	55.71 -1.76 0.00	59.68 -1.82 0.00	50.22 -1.28 0.00	68.66 -1.55 0.00	56.82 -1.64 0.00	54.04 -2.11 0.00	52.77 -2.29 0.00	49.57 -2.80 0.00	47.15 -3.38 0.00	45.99 -3.06 0.00	48.75 -2.77 0.00	55.41 -2.55 0.00	80.76 -4.05 0.00	70.74 -2.54 0.00	42.54 -1.68 0.00
ERIE_WT_PWR 323693	50.58 -0.14 0.00	54.78 0.17 0.00	55.93 -0.12 0.00	55.17 0.11 0.00	59.05 -0.37 0.00	55.49 -0.43 0.00	53.84 -0.65 0.00	70.25 -2.04 0.00	70.15 -2.53 0.00	55.17 -2.31 0.00	59.07 -2.43 0.00	49.74 -1.75 0.00	67.96 -2.25 0.00	56.24 -2.22 0.00	53.48 -2.67 0.00	52.20 -2.86 0.00	48.97 -3.40 0.00	46.63 -3.90 0.00	45.47 -3.57 0.00	48.21 -3.31 0.00	54.73 -3.22 0.00	79.79 -5.02 0.00	70.01 -3.27 0.00	42.10 -2.13 0.00
ESPRGFLD_115KV_TB1 80157	53.50 2.79 0.00	57.65 3.04 0.00	59.23 3.17 0.00	58.21 3.14 0.00	62.84 3.41 0.00	59.31 3.40 0.00	57.80 3.31 0.00	76.55 4.26 0.00	77.07 4.39 0.00	60.83 3.36 0.00	64.98 3.48 0.00	54.44 2.95 0.00	74.20 3.99 0.00	61.63 3.17 0.00	59.14 3.00 0.00	57.93 2.87 0.00	55.19 2.82 0.00	53.34 2.81 0.00	51.78 2.74 0.00	54.57 3.05 0.00	61.51 3.55 0.00	89.77 4.95 0.00	77.50 4.22 0.00	46.65 2.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.84 1.13 0.00	55.81 1.20 0.00	57.24 1.18 0.00	56.28 1.22 0.00	60.67 1.25 0.00	57.13 1.22 0.00	55.73 1.24 0.00	73.86 1.57 0.00	74.12 1.44 0.00	58.35 0.87 0.00	62.48 0.98 0.00	52.34 0.84 0.00	71.48 1.28 0.00	59.38 0.92 0.00	56.90 0.76 0.00	55.79 0.73 0.00	53.09 0.72 0.00	51.21 0.68 0.00	49.78 0.74 0.00	52.45 0.93 0.00	59.11 1.16 0.00	86.15 1.33 0.00	74.37 1.10 0.00	44.80 0.58 0.00
ETNA____115KV_TB2 80207	51.84 1.13 0.00	55.81 1.20 0.00	57.24 1.18 0.00	56.28 1.22 0.00	60.67 1.25 0.00	57.13 1.22 0.00	55.73 1.24 0.00	73.86 1.57 0.00	74.12 1.44 0.00	58.35 0.87 0.00	62.48 0.98 0.00	52.34 0.84 0.00	71.48 1.28 0.00	59.38 0.92 0.00	56.90 0.76 0.00	55.79 0.73 0.00	53.09 0.72 0.00	51.21 0.68 0.00	49.78 0.74 0.00	52.45 0.93 0.00	59.11 1.16 0.00	86.15 1.33 0.00	74.37 1.10 0.00	44.80 0.58 0.00
EUCLID____115KV_TB2 356179	50.27 -0.44 0.00	54.16 -0.45 0.00	55.55 -0.50 0.00	54.61 -0.45 0.00	58.90 -0.53 0.00	55.43 -0.49 0.00	54.01 -0.48 0.00	71.60 -0.69 0.00	71.97 -0.71 0.00	56.78 -0.69 0.00	60.74 -0.76 0.00	50.88 -0.61 0.00	69.45 -0.76 0.00	57.72 -0.74 0.00	55.34 -0.80 0.00	54.26 -0.80 0.00	51.58 -0.79 0.00	49.68 -0.85 0.00	48.24 -0.79 0.00	50.78 -0.74 0.00	57.19 -0.77 0.00	83.48 -1.34 0.00	72.19 -1.09 0.00	43.50 -0.73 0.00
E_CANADA_CAP_HY 24051	53.72 3.00 0.00	57.93 3.33 0.00	59.50 3.44 0.00	58.51 3.45 0.00	63.16 3.73 0.00	59.62 3.70 0.00	58.06 3.57 0.00	76.88 4.59 0.00	77.41 4.73 0.00	61.11 3.64 0.00	65.07 3.57 0.00	54.40 2.91 0.00	74.03 3.82 0.00	61.50 3.04 0.00	59.12 2.97 0.00	57.96 2.90 0.00	55.23 2.87 0.00	53.50 2.97 0.00	52.00 2.95 0.00	54.87 3.35 0.00	61.85 3.89 0.00	90.42 5.61 0.00	78.06 4.78 0.00	47.00 2.77 0.00
E_CANADA_MHWK_HY 24050	49.62 -1.08 0.00	53.39 -1.21 0.00	54.91 -1.14 0.00	53.94 -1.13 0.00	58.26 -1.17 0.00	54.84 -1.07 0.00	53.65 -0.83 0.00	71.67 -0.63 0.00	72.58 -0.10 0.00	57.06 -0.42 0.00	60.82 -0.68 0.00	50.59 -0.91 0.00	68.96 -1.25 0.00	57.25 -1.20 0.00	55.04 -1.10 0.00	54.61 -0.46 0.00	52.32 -0.04 0.00	50.39 -0.13 0.00	49.20 0.16 0.00	51.81 0.29 0.00	57.94 -0.01 0.00	84.45 -0.37 0.00	72.50 -0.78 0.00	43.65 -0.57 0.00
E_FISHKILL____LBMP 23776	51.89 1.18 0.00	55.84 1.23 0.00	57.29 1.24 0.00	56.28 1.22 0.00	60.77 1.34 0.00	57.28 1.37 0.00	55.98 1.49 0.00	74.60 2.31 0.00	75.26 2.58 0.00	59.44 1.96 0.00	63.73 2.23 0.00	53.40 1.91 0.00	72.83 2.62 0.00	60.73 2.27 0.00	58.38 2.23 0.00	57.29 2.23 0.00	54.58 2.22 0.00	52.61 2.08 0.00	51.11 2.07 0.00	53.66 2.14 0.00	60.13 2.18 0.00	87.64 2.82 0.00	75.57 2.29 0.00	45.58 1.35 0.00
FALCON____SEABRD_CC1 323796	52.05 1.34 0.00	55.73 1.13 0.00	57.17 1.11 0.00	56.02 0.96 0.00	60.52 1.09 0.00	56.98 1.07 0.00	55.58 1.10 0.00	73.48 1.19 0.00	74.02 1.34 0.00	58.68 1.21 0.00	62.70 1.20 0.00	52.46 0.97 0.00	71.61 1.40 0.00	59.68 1.23 0.00	57.29 1.15 0.00	56.22 1.16 0.00	53.55 1.19 0.00	51.83 1.30 0.00	50.33 1.29 0.00	53.00 1.48 0.00	59.64 1.68 0.00	87.19 2.38 0.00	75.43 2.15 0.00	45.76 1.54 0.00

FALCON___SEABRD_CC2 323797	52.05 1.34 0.00	55.73 1.13 0.00	57.17 1.11 0.00	56.02 0.96 0.00	60.52 1.09 0.00	56.98 1.07 0.00	55.58 1.10 0.00	73.48 1.19 0.00	74.02 1.34 0.00	58.68 1.21 0.00	62.70 1.20 0.00	52.46 0.97 0.00	71.61 1.40 0.00	59.68 1.23 0.00	57.29 1.15 0.00	56.22 1.16 0.00	53.55 1.19 0.00	51.83 1.30 0.00	50.33 1.29 0.00	53.00 1.48 0.00	59.64 1.68 0.00	87.19 2.38 0.00	75.43 2.15 0.00	45.76 1.54 0.00
FAR ROCKAWAY___4 23548	52.58 1.86 0.00	56.69 2.03 -0.06	58.06 1.97 -0.03	57.01 1.95 0.00	61.46 2.03 0.00	57.70 1.80 0.00	56.49 2.01 0.00	75.01 2.72 0.00	76.01 3.33 0.00	60.44 2.96 0.00	64.65 3.09 -0.06	54.30 2.76 -0.05	73.80 3.51 -0.08	69.83 3.58 -7.79	63.09 3.49 -3.45	59.82 3.33 -1.44	55.51 3.09 -0.06	53.43 2.83 -0.07	51.99 2.89 -0.06	60.63 3.15 -5.96	70.83 3.05 -9.82	88.68 3.84 -0.02	76.53 3.25 0.00	46.03 1.80 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.59 1.88 0.00	56.57 1.96 0.00	57.98 1.93 0.00	56.98 1.91 0.00	61.50 2.08 0.00	57.98 2.07 0.00	56.67 2.19 0.00	75.57 3.27 0.00	76.42 3.75 0.00	60.40 2.92 0.00	64.72 3.22 0.00	54.27 2.77 0.00	74.04 3.83 0.00	61.75 3.29 0.00	59.41 3.26 0.00	58.25 3.19 0.00	55.53 3.16 0.00	53.46 2.93 0.00	51.91 2.87 0.00	54.53 3.01 0.00	61.05 3.10 0.00	88.89 4.07 0.00	76.65 3.37 0.00	46.21 1.99 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.68 1.97 0.00	56.66 2.05 0.00	58.08 2.03 0.00	57.07 2.01 0.00	61.60 2.17 0.00	58.07 2.16 0.00	56.77 2.28 0.00	75.70 3.41 0.00	76.52 3.85 0.00	60.50 3.02 0.00	64.83 3.33 0.00	54.37 2.87 0.00	74.17 3.96 0.00	61.86 3.41 0.00	59.52 3.37 0.00	58.35 3.29 0.00	55.63 3.27 0.00	53.55 3.02 0.00	52.01 2.97 0.00	54.63 3.11 0.00	61.17 3.21 0.00	89.05 4.24 0.00	76.79 3.52 0.00	46.30 2.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.63 1.92 0.00	56.61 2.00 0.00	58.03 1.97 0.00	57.01 1.95 0.00	61.54 2.11 0.00	58.03 2.11 0.00	56.71 2.23 0.00	75.63 3.34 0.00	76.45 3.77 0.00	60.44 2.97 0.00	64.76 3.27 0.00	54.31 2.82 0.00	74.10 3.89 0.00	61.79 3.34 0.00	59.45 3.30 0.00	58.29 3.23 0.00	55.57 3.20 0.00	53.49 2.96 0.00	51.96 2.91 0.00	54.55 3.03 0.00	61.10 3.14 0.00	88.95 4.13 0.00	76.70 3.42 0.00	46.25 2.02 0.00
FARRAGUT___LBMP 323566	52.59 1.88 0.00	56.57 1.96 0.00	57.98 1.93 0.00	56.98 1.91 0.00	61.50 2.08 0.00	57.98 2.07 0.00	56.67 2.19 0.00	75.57 3.27 0.00	76.42 3.75 0.00	60.40 2.92 0.00	64.72 3.22 0.00	54.27 2.77 0.00	74.04 3.83 0.00	61.75 3.29 0.00	59.41 3.26 0.00	58.25 3.19 0.00	55.53 3.16 0.00	53.46 2.93 0.00	51.91 2.87 0.00	54.53 3.01 0.00	61.05 3.10 0.00	88.89 4.07 0.00	76.65 3.37 0.00	46.21 1.99 0.00
FENNER___WINDPWR 24204	51.72 1.01 0.00	55.67 1.06 0.00	57.11 1.05 0.00	56.11 1.05 0.00	60.56 1.13 0.00	57.01 1.10 0.00	55.57 1.09 0.00	73.75 1.46 0.00	74.15 1.48 0.00	58.55 1.08 0.00	62.64 1.14 0.00	52.40 0.90 0.00	71.44 1.23 0.00	59.44 0.98 0.00	57.08 0.93 0.00	55.96 0.89 0.00	53.28 0.92 0.00	51.40 0.87 0.00	49.93 0.89 0.00	52.53 1.01 0.00	59.14 1.18 0.00	86.32 1.51 0.00	74.53 1.25 0.00	44.90 0.68 0.00
FIBERTEK___ENERGY 23856	50.83 0.12 0.00	54.74 0.13 0.00	56.13 0.07 0.00	55.19 0.13 0.00	59.53 0.10 0.00	56.05 0.14 0.00	54.63 0.14 0.00	72.42 0.13 0.00	72.72 0.05 0.00	57.37 -0.11 0.00	61.39 -0.11 0.00	51.42 -0.08 0.00	70.21 0.00 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.87 -0.19 0.00	52.18 -0.18 0.00	50.27 -0.26 0.00	48.82 -0.22 0.00	51.39 -0.13 0.00	57.86 -0.09 0.00	84.45 -0.37 0.00	72.96 -0.32 0.00	43.97 -0.26 0.00
FITZPATRICK____ 23598	49.65 -1.06 0.00	53.47 -1.14 0.00	54.87 -1.19 0.00	53.91 -1.15 0.00	58.17 -1.25 0.00	54.73 -1.19 0.00	53.31 -1.17 0.00	70.68 -1.61 0.00	71.05 -1.62 0.00	56.07 -1.40 0.00	59.98 -1.52 0.00	50.23 -1.26 0.00	68.55 -1.66 0.00	56.98 -1.47 0.00	54.66 -1.49 0.00	53.58 -1.48 0.00	50.91 -1.45 0.00	49.07 -1.46 0.00	47.65 -1.39 0.00	50.13 -1.38 0.00	56.45 -1.51 0.00	82.47 -2.34 0.00	71.31 -1.97 0.00	42.98 -1.25 0.00
FLOWRFLD_69_KV_BK1 356044	51.28 0.57 0.00	55.24 0.64 0.00	56.54 0.48 0.00	55.57 0.51 0.00	59.88 0.45 0.00	55.46 0.19 0.63	55.37 0.88 0.00	73.49 1.21 0.01	74.42 1.74 0.00	59.44 1.96 0.00	63.01 1.51 0.00	52.98 1.49 0.00	71.75 1.60 0.06	59.72 2.07 0.81	57.85 2.02 0.31	56.72 1.86 0.20	54.17 1.81 0.00	52.05 1.53 0.00	50.74 1.70 0.00	50.85 1.85 2.52	49.56 1.56 9.96	86.49 1.68 0.01	75.06 1.78 0.00	45.13 0.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.49 1.78 0.00	56.46 1.85 0.00	57.94 1.88 0.00	56.94 1.88 0.00	61.48 2.05 0.00	57.98 2.07 0.00	56.71 2.22 0.00	75.59 3.30 0.00	76.30 3.62 0.00	60.30 2.82 0.00	64.68 3.18 0.00	54.25 2.75 0.00	73.95 3.74 0.00	61.64 3.18 0.00	59.19 3.05 0.00	58.11 3.05 0.00	55.33 2.97 0.00	53.34 2.81 0.00	51.82 2.78 0.00	54.44 2.92 0.00	60.99 3.03 0.00	88.83 4.01 0.00	76.56 3.28 0.00	46.14 1.91 0.00
FORT ORANGE____ 23900	51.07 0.36 0.00	54.97 0.37 0.00	56.46 0.40 0.00	55.41 0.35 0.00	59.85 0.43 0.00	56.36 0.45 0.00	55.05 0.57 0.00	73.26 0.97 0.00	73.81 1.13 0.00	58.23 0.75 0.00	62.35 0.85 0.00	52.09 0.60 0.00	71.05 0.84 0.00	59.24 0.79 0.00	56.97 0.83 0.00	55.99 0.93 0.00	53.32 0.96 0.00	51.40 0.87 0.00	49.93 0.89 0.00	52.42 0.90 0.00	58.82 0.87 0.00	85.81 1.00 0.00	74.04 0.76 0.00	44.74 0.51 0.00
FORT_DRUM_COGEN 23780	51.92 1.21 0.00	55.87 1.26 0.00	57.23 1.17 0.00	56.31 1.25 0.00	60.80 1.38 0.00	57.21 1.30 0.00	55.65 1.16 0.00	73.83 1.54 0.00	74.26 1.58 0.00	58.76 1.28 0.00	62.04 0.54 0.00	51.78 0.28 0.00	69.96 -0.25 0.00	57.61 -0.84 0.00	55.20 -0.94 0.00	54.40 -0.66 0.00	51.95 -0.42 0.00	50.60 0.07 0.00	49.15 0.11 0.00	52.18 0.66 0.00	59.12 1.16 0.00	86.62 1.80 0.00	74.82 1.54 0.00	44.98 0.76 0.00
FOX_HILLS___ESR 323835	58.73 2.20 -5.82	58.30 2.23 -1.47	58.69 2.17 -0.46	57.29 2.22 -0.02	61.78 2.35 -0.01	59.13 2.36 -0.86	57.40 2.56 -0.35	75.97 3.67 -0.01	80.29 4.15 -3.46	70.03 3.26 -9.29	76.74 3.53 -11.71	59.42 3.05 -4.87	75.11 4.18 -0.72	62.04 3.57 -0.01	60.88 3.54 -1.19	78.05 3.51 -19.48	69.79 3.43 -14.00	87.58 3.21 -33.84	57.24 3.14 -5.06	62.56 3.26 -7.79	82.57 3.46 -21.15	95.74 4.60 -6.33	89.17 3.80 -12.09	63.27 2.28 -16.76
FPL FAR_ROCK_GT1 24212	52.57 1.86 0.00	56.69 2.02 -0.06	58.06 1.98 -0.03	57.01 1.95 0.00	61.46 2.03 0.00	57.71 1.80 0.00	56.49 2.00 0.00	75.01 2.72 0.00	76.01 3.33 0.00	60.45 2.97 0.00	64.64 3.08 -0.06	54.30 2.75 -0.05	73.80 3.51 -0.08	69.83 3.58 -7.79	63.09 3.49 -3.45	59.83 3.33 -1.44	55.51 3.09 -0.06	53.42 2.83 -0.07	51.98 2.89 -0.06	60.63 3.15 -5.96	70.83 3.05 -9.82	88.66 3.83 -0.02	76.53 3.25 0.00	46.03 1.80 0.00

FPL FAR_ROCK_GT2 23815	52.57 1.86 0.00	56.69 2.02 -0.06	58.06 1.98 -0.03	57.01 1.95 0.00	61.46 2.03 0.00	57.71 1.80 0.00	56.49 2.00 0.00	75.01 2.72 0.00	76.01 3.33 0.00	60.45 2.97 0.00	64.64 3.08 -0.06	54.30 2.75 -0.05	73.80 3.51 -0.08	69.83 3.58 -7.79	63.09 3.49 -3.45	59.83 3.33 -1.44	55.51 3.09 -0.06	53.42 2.83 -0.07	51.98 2.89 -0.06	60.63 3.15 -5.96	70.83 3.05 -9.82	88.66 3.83 -0.02	76.53 3.25 0.00	46.03 1.80 0.00
FRANKLIN_FALL_HYD 24054	51.63 0.92 0.00	55.37 0.76 0.00	56.80 0.74 0.00	55.67 0.62 0.00	60.19 0.77 0.00	56.63 0.72 0.00	55.15 0.66 0.00	72.79 0.49 0.00	73.49 0.81 0.00	58.40 0.93 0.00	62.32 0.82 0.00	52.07 0.58 0.00	70.81 0.60 0.00	58.95 0.50 0.00	56.73 0.58 0.00	55.66 0.59 0.00	53.07 0.70 0.00	51.49 0.96 0.00	49.94 0.90 0.00	52.68 1.16 0.00	59.38 1.42 0.00	86.78 1.97 0.00	75.08 1.80 0.00	45.54 1.31 0.00
FREEPORT_EQUS_GT1 23764	52.00 1.29 0.00	56.00 1.38 -0.02	57.39 1.33 -0.01	56.38 1.32 0.00	60.74 1.32 0.00	56.66 1.08 0.33	55.81 1.32 0.00	74.13 1.84 0.00	75.08 2.40 0.00	59.77 2.29 0.00	63.78 2.26 -0.02	53.57 2.06 -0.02	72.76 2.56 0.01	63.25 2.79 -2.01	59.78 2.72 -0.91	57.97 2.57 -0.34	54.76 2.38 -0.02	52.70 2.15 -0.01	51.30 2.24 -0.02	54.50 2.44 -0.54	58.05 2.24 2.15	87.47 2.65 0.00	75.64 2.36 0.00	45.51 1.29 0.00
FREEPORT___CT2 23818	52.00 1.29 0.00	56.00 1.38 -0.02	57.39 1.33 -0.01	56.38 1.32 0.00	60.74 1.32 0.00	56.66 1.08 0.33	55.81 1.32 0.00	74.13 1.84 0.00	75.08 2.40 0.00	59.77 2.29 0.00	63.78 2.26 -0.02	53.57 2.06 -0.02	72.76 2.56 0.01	63.25 2.79 -2.01	59.78 2.72 -0.91	57.97 2.57 -0.34	54.76 2.38 -0.02	52.70 2.15 -0.01	51.30 2.24 -0.02	54.50 2.44 -0.54	58.05 2.24 2.15	87.47 2.65 0.00	75.64 2.36 0.00	45.51 1.29 0.00
FRESHKLS_33_KV_LOAD 356253	58.70 2.16 -5.82	58.22 2.14 -1.47	58.57 2.04 -0.46	57.18 2.10 -0.02	61.64 2.21 -0.01	59.04 2.27 -0.86	57.35 2.51 -0.35	75.87 3.57 -0.01	80.16 4.03 -3.46	69.89 3.13 -9.29	76.56 3.35 -11.71	59.27 2.90 -4.87	74.90 3.97 -0.72	61.85 3.39 -0.01	60.71 3.38 -1.19	77.90 3.36 -19.48	69.65 3.29 -14.00	87.45 3.08 -33.84	57.14 3.04 -5.06	62.44 3.13 -7.79	82.49 3.39 -21.15	95.66 4.51 -6.33	89.09 3.72 -12.09	63.22 2.24 -16.76
FULTON COGEN____ 23766	50.03 -0.68 0.00	53.86 -0.74 0.00	55.28 -0.77 0.00	54.34 -0.72 0.00	58.61 -0.81 0.00	55.17 -0.74 0.00	53.75 -0.74 0.00	71.26 -1.03 0.00	71.64 -1.04 0.00	56.52 -0.96 0.00	60.47 -1.03 0.00	50.64 -0.85 0.00	69.10 -1.11 0.00	57.35 -1.11 0.00	54.97 -1.18 0.00	53.93 -1.13 0.00	51.29 -1.07 0.00	49.47 -1.06 0.00	48.05 -0.99 0.00	50.57 -0.95 0.00	56.95 -1.01 0.00	83.14 -1.68 0.00	71.86 -1.42 0.00	43.29 -0.94 0.00
FULTON___LFGE 323630	53.56 2.85 0.00	57.72 3.11 0.00	59.25 3.19 0.00	58.19 3.13 0.00	62.83 3.41 0.00	59.27 3.36 0.00	57.83 3.34 0.00	76.87 4.58 0.00	77.45 4.78 0.00	61.08 3.60 0.00	64.97 3.47 0.00	54.04 2.55 0.00	73.57 3.36 0.00	61.09 2.63 0.00	58.70 2.56 0.00	57.72 2.66 0.00	55.23 2.87 0.00	53.42 2.89 0.00	51.99 2.95 0.00	54.94 3.42 0.00	61.86 3.90 0.00	90.29 5.47 0.00	77.92 4.64 0.00	46.89 2.66 0.00
G.F.CEMENT___DRP 24184	53.03 2.32 0.00	57.22 2.61 0.00	58.72 2.66 0.00	57.63 2.58 0.00	62.17 2.74 0.00	58.55 2.64 0.00	57.21 2.72 0.00	76.18 3.88 0.00	76.58 3.90 0.00	60.26 2.79 0.00	64.29 2.79 0.00	53.62 2.13 0.00	73.06 2.85 0.00	60.88 2.43 0.00	58.62 2.48 0.00	57.70 2.64 0.00	55.06 2.70 0.00	53.30 2.77 0.00	51.85 2.81 0.00	54.53 3.01 0.00	61.13 3.17 0.00	89.25 4.43 0.00	76.67 3.40 0.00	46.29 2.07 0.00
GARDENVILLE___LBMP 24039	50.40 -0.31 0.00	54.61 0.00 0.00	55.80 -0.25 0.00	55.00 -0.06 0.00	58.92 -0.51 0.00	55.32 -0.59 0.00	53.68 -0.81 0.00	70.02 -2.28 0.00	69.95 -2.73 0.00	55.02 -2.45 0.00	58.89 -2.61 0.00	49.55 -1.94 0.00	67.75 -2.46 0.00	56.06 -2.40 0.00	53.30 -2.85 0.00	52.03 -3.04 0.00	48.81 -3.55 0.00	46.48 -4.05 0.00	45.35 -3.69 0.00	48.08 -3.43 0.00	54.61 -3.35 0.00	79.60 -5.22 0.00	69.81 -3.48 0.00	41.99 -2.24 0.00
GARDNVLA_35_KV_LD 355827	50.65 -0.06 0.00	54.88 0.27 0.00	56.04 -0.01 0.00	55.24 0.18 0.00	59.17 -0.26 0.00	55.56 -0.35 0.00	53.91 -0.58 0.00	70.33 -1.96 0.00	70.29 -2.39 0.00	55.30 -2.18 0.00	59.20 -2.30 0.00	49.82 -1.67 0.00	68.10 -2.11 0.00	56.34 -2.12 0.00	53.56 -2.58 0.00	52.29 -2.78 0.00	49.04 -3.33 0.00	46.68 -3.85 0.00	45.56 -3.48 0.00	48.31 -3.21 0.00	54.81 -3.15 0.00	79.88 -4.94 0.00	70.04 -3.24 0.00	42.12 -2.11 0.00
GELCKHM___115KV_LOAD 80723	50.47 -0.24 0.00	54.36 -0.25 0.00	55.77 -0.29 0.00	54.81 -0.25 0.00	59.12 -0.31 0.00	55.64 -0.27 0.00	54.22 -0.27 0.00	71.89 -0.40 0.00	72.22 -0.45 0.00	56.98 -0.50 0.00	60.98 -0.52 0.00	51.07 -0.42 0.00	69.73 -0.48 0.00	57.93 -0.53 0.00	55.57 -0.58 0.00	54.48 -0.58 0.00	51.79 -0.57 0.00	49.89 -0.64 0.00	48.46 -0.58 0.00	50.99 -0.53 0.00	57.42 -0.53 0.00	83.83 -0.99 0.00	72.46 -0.82 0.00	43.66 -0.56 0.00
GENERAL___MILLS 23808	50.54 -0.17 0.00	54.75 0.14 0.00	55.93 -0.13 0.00	55.13 0.07 0.00	59.05 -0.38 0.00	55.45 -0.46 0.00	53.82 -0.67 0.00	70.18 -2.11 0.00	70.12 -2.55 0.00	55.16 -2.32 0.00	59.05 -2.45 0.00	49.70 -1.80 0.00	67.91 -2.29 0.00	56.20 -2.25 0.00	53.44 -2.70 0.00	52.16 -2.90 0.00	48.92 -3.44 0.00	46.58 -3.95 0.00	45.45 -3.59 0.00	48.19 -3.33 0.00	54.71 -3.25 0.00	79.76 -5.06 0.00	69.95 -3.33 0.00	42.06 -2.16 0.00
GE_PLASTICS___DRP 24183	50.98 0.27 0.00	54.90 0.29 0.00	56.40 0.35 0.00	55.34 0.28 0.00	59.75 0.33 0.00	56.28 0.37 0.00	54.93 0.45 0.00	73.07 0.78 0.00	73.58 0.90 0.00	58.06 0.58 0.00	62.17 0.67 0.00	51.97 0.48 0.00	70.90 0.70 0.00	59.11 0.65 0.00	56.82 0.67 0.00	55.82 0.76 0.00	53.15 0.79 0.00	51.23 0.70 0.00	49.73 0.69 0.00	52.22 0.70 0.00	58.61 0.65 0.00	85.57 0.74 0.00	73.86 0.58 0.00	44.64 0.41 0.00
GILBOA___1 23756	51.19 0.48 0.00	55.13 0.52 0.00	56.77 0.71 0.00	55.56 0.50 0.00	59.99 0.56 0.00	56.49 0.57 0.00	55.12 0.64 0.00	73.31 1.01 0.00	73.81 1.14 0.00	58.26 0.78 0.00	62.41 0.91 0.00	52.26 0.77 0.00	71.26 1.05 0.00	59.37 0.91 0.00	57.04 0.89 0.00	55.99 0.93 0.00	53.30 0.94 0.00	51.34 0.81 0.00	49.78 0.75 0.00	52.31 0.79 0.00	58.73 0.77 0.00	85.72 0.90 0.00	74.09 0.82 0.00	44.76 0.53 0.00
GILBOA___2 23757	51.19 0.48 0.00	55.13 0.52 0.00	56.77 0.71 0.00	55.56 0.50 0.00	59.99 0.56 0.00	56.49 0.57 0.00	55.12 0.64 0.00	73.31 1.01 0.00	73.81 1.14 0.00	58.26 0.78 0.00	62.41 0.91 0.00	52.26 0.77 0.00	71.26 1.05 0.00	59.37 0.91 0.00	57.04 0.89 0.00	55.99 0.93 0.00	53.30 0.94 0.00	51.34 0.81 0.00	49.78 0.75 0.00	52.31 0.79 0.00	58.73 0.77 0.00	85.72 0.90 0.00	74.09 0.82 0.00	44.76 0.53 0.00

GILBOA___3 23758	51.19 0.48 0.00	55.13 0.52 0.00	56.77 0.71 0.00	55.56 0.50 0.00	59.99 0.56 0.00	56.49 0.57 0.00	55.12 0.64 0.00	73.31 1.01 0.00	73.81 1.14 0.00	58.26 0.78 0.00	62.41 0.91 0.00	52.26 0.77 0.00	71.26 1.05 0.00	59.37 0.91 0.00	57.04 0.89 0.00	55.99 0.93 0.00	53.30 0.94 0.00	51.34 0.81 0.00	49.78 0.75 0.00	52.31 0.79 0.00	58.73 0.77 0.00	85.72 0.90 0.00	74.09 0.82 0.00	44.76 0.53 0.00
GILBOA___4 23759	51.19 0.48 0.00	55.13 0.52 0.00	56.77 0.71 0.00	55.56 0.50 0.00	59.99 0.56 0.00	56.49 0.57 0.00	55.12 0.64 0.00	73.31 1.01 0.00	73.81 1.14 0.00	58.26 0.78 0.00	62.41 0.91 0.00	52.26 0.77 0.00	71.26 1.05 0.00	59.37 0.91 0.00	57.04 0.89 0.00	55.99 0.93 0.00	53.30 0.94 0.00	51.34 0.81 0.00	49.78 0.75 0.00	52.31 0.79 0.00	58.73 0.77 0.00	85.72 0.90 0.00	74.09 0.82 0.00	44.76 0.53 0.00
GILBOA___ 23599	51.19 0.48 0.00	55.13 0.52 0.00	56.77 0.71 0.00	55.56 0.50 0.00	59.99 0.56 0.00	56.49 0.57 0.00	55.12 0.64 0.00	73.31 1.01 0.00	73.81 1.14 0.00	58.26 0.78 0.00	62.41 0.91 0.00	52.26 0.77 0.00	71.26 1.05 0.00	59.37 0.91 0.00	57.05 0.90 0.00	55.99 0.93 0.00	53.30 0.94 0.00	51.34 0.81 0.00	49.78 0.74 0.00	52.31 0.79 0.00	58.73 0.77 0.00	85.72 0.90 0.00	74.09 0.81 0.00	44.75 0.53 0.00
GINNA___ 23603	48.26 -2.45 0.00	52.08 -2.53 0.00	53.34 -2.72 0.00	52.48 -2.58 0.00	56.45 -2.98 0.00	53.15 -2.76 0.00	51.74 -2.75 0.00	68.16 -4.13 0.00	68.45 -4.23 0.00	54.01 -3.46 0.00	57.77 -3.73 0.00	48.45 -3.05 0.00	66.16 -4.05 0.00	54.89 -3.57 0.00	52.47 -3.67 0.00	51.41 -3.65 0.00	48.62 -3.74 0.00	46.66 -3.86 0.00	45.38 -3.66 0.00	47.95 -3.57 0.00	54.22 -3.74 0.00	78.99 -5.83 0.00	68.56 -4.72 0.00	41.22 -3.01 0.00
GLEN PARK___ 23778	51.99 1.27 0.00	55.93 1.32 0.00	57.28 1.23 0.00	56.37 1.31 0.00	60.87 1.44 0.00	57.28 1.37 0.00	55.75 1.26 0.00	73.98 1.68 0.00	74.40 1.72 0.00	58.87 1.40 0.00	62.06 0.56 0.00	51.76 0.27 0.00	69.90 -0.31 0.00	57.42 -1.04 0.00	55.07 -1.07 0.00	54.30 -0.76 0.00	51.90 -0.46 0.00	50.64 0.11 0.00	49.20 0.16 0.00	52.27 0.75 0.00	59.25 1.29 0.00	86.76 1.94 0.00	74.93 1.65 0.00	45.02 0.80 0.00
GLENDALE_27_KV_LOAD 356172	52.96 2.25 0.00	56.94 2.34 0.00	58.38 2.32 0.00	57.37 2.31 0.00	61.90 2.47 0.00	58.35 2.44 0.00	57.07 2.58 0.00	76.08 3.78 0.00	76.96 4.28 0.00	60.87 3.39 0.00	65.25 3.75 0.00	54.75 3.25 0.00	74.65 4.44 0.00	62.28 3.82 0.00	59.91 3.76 0.00	58.75 3.68 0.00	55.99 3.63 -0.01	53.92 3.39 0.00	52.36 3.33 0.00	54.99 3.47 0.00	61.56 3.60 0.00	89.60 4.79 0.00	77.25 3.97 0.00	46.65 2.34 -0.09
GLENWOOD_IC_1_G5 23712	52.31 1.60 0.00	56.32 1.70 -0.01	57.74 1.68 -0.01	56.73 1.67 0.00	61.19 1.76 0.00	57.34 1.63 0.20	56.31 1.82 0.00	74.91 2.62 0.00	75.57 2.89 0.00	60.04 2.56 0.00	64.08 2.57 -0.01	53.79 2.28 -0.01	73.23 3.03 0.00	62.60 3.11 -1.04	59.65 3.02 -0.48	58.17 2.93 -0.18	55.15 2.78 -0.01	52.92 2.39 -0.01	51.46 2.41 -0.01	54.30 2.58 -0.20	58.98 2.52 1.50	88.00 3.18 0.00	76.20 2.93 0.00	45.90 1.67 0.00
GLENWOOD_IC_2_G1 23688	52.23 1.52 0.00	56.22 1.61 0.00	57.63 1.58 0.00	56.65 1.58 0.00	61.11 1.69 0.00	57.51 1.60 0.00	56.27 1.78 0.00	74.91 2.62 0.00	75.71 3.03 0.00	59.98 2.51 0.00	64.17 2.67 0.00	53.84 2.35 0.00	73.33 3.12 0.00	61.38 2.93 0.00	59.00 2.86 0.00	57.85 2.78 0.00	55.05 2.69 0.00	52.99 2.46 0.00	51.52 2.48 0.00	54.15 2.63 0.00	60.57 2.61 0.00	88.15 3.33 0.00	76.11 2.83 0.00	45.85 1.63 0.00
GLENWOOD_IC_3_G1 23689	52.23 1.52 0.00	56.22 1.61 0.00	57.63 1.58 0.00	56.65 1.58 0.00	61.11 1.69 0.00	57.51 1.60 0.00	56.27 1.78 0.00	74.91 2.62 0.00	75.71 3.03 0.00	59.98 2.51 0.00	64.17 2.67 0.00	53.84 2.35 0.00	73.33 3.12 0.00	61.38 2.93 0.00	59.00 2.86 0.00	57.85 2.78 0.00	55.05 2.69 0.00	52.99 2.46 0.00	51.52 2.48 0.00	54.15 2.63 0.00	60.57 2.61 0.00	88.15 3.33 0.00	76.11 2.83 0.00	45.85 1.63 0.00
GLENWOOD___4 23550	52.31 1.60 0.00	56.32 1.70 -0.01	57.74 1.68 -0.01	56.73 1.67 0.00	61.19 1.76 0.00	57.34 1.63 0.20	56.31 1.82 0.00	74.92 2.63 0.00	75.65 2.98 0.00	60.07 2.59 0.00	64.17 2.66 -0.01	53.86 2.36 -0.01	73.31 3.11 0.00	62.60 3.11 -1.04	59.65 3.02 -0.48	58.17 2.93 -0.18	55.16 2.79 -0.01	52.98 2.45 -0.01	51.53 2.48 -0.01	54.37 2.65 -0.20	59.05 2.59 1.50	88.09 3.27 0.00	76.20 2.93 0.00	45.90 1.67 0.00
GLENWOOD___5 23614	52.31 1.60 0.00	56.32 1.70 -0.01	57.74 1.68 -0.01	56.73 1.67 0.00	61.19 1.76 0.00	57.34 1.63 0.20	56.31 1.82 0.00	74.92 2.63 0.00	75.65 2.98 0.00	60.07 2.59 0.00	64.17 2.66 -0.01	53.86 2.36 -0.01	73.31 3.11 0.00	62.60 3.11 -1.04	59.65 3.02 -0.48	58.17 2.93 -0.18	55.16 2.79 -0.01	52.98 2.45 -0.01	51.53 2.48 -0.01	54.37 2.65 -0.20	59.05 2.59 1.50	88.09 3.27 0.00	76.20 2.93 0.00	45.90 1.67 0.00
GLOBAL GREEN_PORT_GT1 23814	49.87 -0.84 0.00	53.59 -1.01 0.00	54.88 -1.17 0.00	53.98 -1.08 0.00	58.17 -1.26 0.00	54.01 -1.27 0.64	54.60 0.11 0.00	72.74 0.46 0.01	73.54 0.87 0.00	58.80 1.32 0.00	61.91 0.42 0.00	52.08 0.59 0.00	70.50 0.35 0.06	58.57 0.94 0.83	56.70 0.87 0.32	55.61 0.75 0.20	53.11 0.75 0.00	51.08 0.55 0.00	49.82 0.79 0.00	49.96 0.99 2.55	48.46 0.54 10.04	84.89 0.09 0.01	73.98 0.70 0.00	44.47 0.24 0.00
GLOBE___DSASP 323697	48.69 -2.02 0.00	52.84 -1.77 0.00	54.00 -2.06 0.00	53.22 -1.84 0.00	56.92 -2.50 0.00	53.42 -2.49 0.00	51.71 -2.78 0.00	66.94 -5.36 0.00	66.69 -5.99 0.00	52.51 -4.96 0.00	56.07 -5.43 0.00	47.18 -4.32 0.00	64.52 -5.69 0.00	53.39 -5.06 0.00	50.77 -5.38 0.00	49.56 -5.51 0.00	46.30 -6.06 0.00	44.05 -6.47 0.00	43.06 -5.98 0.00	45.77 -5.75 0.00	52.14 -5.82 0.00	75.89 -8.93 0.00	66.95 -6.33 0.00	40.25 -3.98 0.00
GOETHSLN___LBMP 323567	52.27 1.56 0.00	56.23 1.62 0.00	57.64 1.59 0.00	56.65 1.58 0.00	61.14 1.72 0.00	57.67 1.75 0.00	56.38 1.90 0.00	75.22 2.92 0.00	76.03 3.36 0.00	60.07 2.59 0.00	64.38 2.88 0.00	54.00 2.50 0.00	73.66 3.45 0.00	61.44 2.98 0.00	59.10 2.96 0.00	57.95 2.89 0.00	55.25 2.89 0.00	53.22 2.69 0.00	51.69 2.65 0.00	54.27 2.75 0.00	60.74 2.79 0.00	88.44 3.62 0.00	76.27 2.99 0.00	45.98 1.75 0.00
GOLAH___69_KV_TB 1_2 80279	50.60 -0.11 0.00	54.67 0.07 0.00	55.96 -0.10 0.00	55.08 0.02 0.00	59.17 -0.26 0.00	55.67 -0.24 0.00	54.15 -0.34 0.00	71.13 -1.17 0.00	71.37 -1.30 0.00	56.30 -1.18 0.00	60.20 -1.30 0.00	50.49 -1.00 0.00	68.95 -1.26 0.00	57.14 -1.32 0.00	54.53 -1.61 0.00	53.35 -1.72 0.00	50.33 -2.04 0.00	48.26 -2.27 0.00	47.01 -2.03 0.00	49.75 -1.77 0.00	56.39 -1.57 0.00	82.11 -2.71 0.00	71.48 -1.79 0.00	42.97 -1.26 0.00

GOODYEAR_LAKE_HYD 323669	52.65 1.94 0.00	56.69 2.08 0.00	58.26 2.20 0.00	57.21 2.14 0.00	61.76 2.33 0.00	58.24 2.33 0.00	56.82 2.33 0.00	75.45 3.16 0.00	75.94 3.26 0.00	59.93 2.46 0.00	64.15 2.66 0.00	53.74 2.25 0.00	73.32 3.11 0.00	60.94 2.48 0.00	58.49 2.34 0.00	57.32 2.26 0.00	54.61 2.24 0.00	52.68 2.16 0.00	51.12 2.08 0.00	53.79 2.27 0.00	60.52 2.56 0.00	88.23 3.42 0.00	76.17 2.89 0.00	45.89 1.66 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.35 0.64 0.00	55.36 0.75 0.00	56.80 0.75 0.00	55.80 0.74 0.00	60.16 0.73 0.00	56.62 0.71 0.00	55.19 0.70 0.00	73.11 0.82 0.00	73.29 0.61 0.00	57.70 0.22 0.00	61.89 0.39 0.00	51.90 0.41 0.00	70.89 0.68 0.00	58.91 0.45 0.00	56.39 0.24 0.00	55.24 0.17 0.00	52.54 0.17 0.00	50.47 -0.06 0.00	48.96 -0.08 0.00	51.60 0.08 0.00	58.15 0.19 0.00	84.89 0.07 0.00	73.43 0.15 0.00	44.31 0.08 0.00
GOUDEY___7 23579	51.35 0.64 0.00	55.36 0.75 0.00	56.80 0.75 0.00	55.80 0.74 0.00	60.16 0.73 0.00	56.62 0.71 0.00	55.19 0.70 0.00	73.11 0.82 0.00	73.29 0.61 0.00	57.70 0.22 0.00	61.89 0.39 0.00	51.90 0.41 0.00	70.89 0.68 0.00	58.91 0.45 0.00	56.39 0.24 0.00	55.24 0.17 0.00	52.54 0.17 0.00	50.47 -0.06 0.00	48.96 -0.08 0.00	51.60 0.08 0.00	58.15 0.19 0.00	84.89 0.07 0.00	73.43 0.15 0.00	44.31 0.08 0.00
GOUDEY___8 23580	51.35 0.64 0.00	55.36 0.75 0.00	56.80 0.75 0.00	55.80 0.74 0.00	60.16 0.73 0.00	56.62 0.71 0.00	55.19 0.70 0.00	73.11 0.82 0.00	73.29 0.61 0.00	57.70 0.22 0.00	61.89 0.39 0.00	51.90 0.41 0.00	70.89 0.68 0.00	58.91 0.45 0.00	56.39 0.24 0.00	55.24 0.17 0.00	52.54 0.17 0.00	50.47 -0.06 0.00	48.96 -0.08 0.00	51.60 0.08 0.00	58.15 0.19 0.00	84.89 0.07 0.00	73.43 0.15 0.00	44.31 0.08 0.00
GOWANUS_GT1_1 24077	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT1_2 24078	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT1_3 24079	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT1_4 24080	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT1_5 24084	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT1_6 24111	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT1_7 24112	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT1_8 24113	58.82 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.45 2.38 -0.02	61.96 2.53 -0.01	59.28 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.78 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.83 -28.47	90.76 3.78 -30.83	90.74 3.71 -31.97	90.75 3.63 -34.75	90.76 3.41 -36.82	81.39 3.34 -29.01	90.74 3.47 -35.76	90.74 3.64 -29.14	95.96 4.82 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT2_1 24114	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
GOWANUS_GT2_2 24115	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
GOWANUS_GT2_3 24116	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76

GOWANUS_GT2_4 24117	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
GOWANUS_GT2_5 24118	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
GOWANUS_GT2_6 24119	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
GOWANUS_GT2_7 24120	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
GOWANUS_GT2_8 24121	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
GOWANUS_GT3_1 24122	58.83 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.46 2.38 -0.02	61.97 2.54 -0.01	59.29 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.77 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.82 -28.47	90.75 3.78 -30.83	90.75 3.71 -31.97	90.75 3.63 -34.75	90.75 3.40 -36.82	81.38 3.33 -29.01	90.75 3.47 -35.76	90.73 3.63 -29.14	95.96 4.81 -6.33	89.37 4.00 -12.09	63.37 2.39 -16.76
GOWANUS_GT3_2 24123	58.83 2.29 -5.82	58.43 2.36 -1.47	58.87 2.35 -0.46	57.46 2.38 -0.02	61.97 2.54 -0.01	59.29 2.51 -0.86	57.52 2.68 -0.35	76.16 3.86 -0.01	80.50 4.37 -3.46	72.45 3.44 -11.54	90.73 3.77 -25.46	90.74 3.27 -35.98	90.75 4.46 -16.08	90.75 3.82 -28.47	90.75 3.78 -30.83	90.75 3.71 -31.97	90.75 3.63 -34.75	90.75 3.40 -36.82	81.38 3.33 -29.01	90.75 3.47 -35.76	90.73 3.63 -29.14	95.96 4.81 -6.33	89.37 4.00 -12.09	

GOWANUS_GT4_3 24132	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
GOWANUS_GT4_4 24133	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
GOWANUS_GT4_5 24134	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
GOWANUS_GT4_6 24135	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
GOWANUS_GT4_7 24136	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
GOWANUS_GT4_8 24137	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
GREENBSH_115KV_TB3 55895	50.74 0.03 0.00	54.63 0.02 0.00	56.12 0.07 0.00	55.08 0.02 0.00	59.48 0.06 0.00	56.01 0.10 0.00	54.69 0.20 0.00	72.76 0.46 0.00	73.26 0.58 0.00	57.82 0.34 0.00	61.91 0.41 0.00	51.74 0.24 0.00	70.57 0.36 0.00	58.86 0.41 0.00	56.59 0.44 0.00	55.62 0.56 0.00	52.95 0.59 0.00	51.04 0.51 0.00	49.56 0.51 0.00	52.04 0.52 0.00	58.39 0.43 0.00	85.22 0.40 0.00	73.55 0.27 0.00	44.47 0.24 0.00
GREENIDGE_115KV_TB5 80291	51.51 0.80 0.00	55.46 0.85 0.00	56.68 0.62 0.00	55.85 0.79 0.00	59.89 0.47 0.00	56.48 0.57 0.00	55.20 0.71 0.00	72.45 0.15 0.00	72.34 -0.33 0.00	57.12 -0.35 0.00	61.13 -0.37 0.00	51.27 -0.22 0.00	69.98 -0.23 0.00	58.01 -0.44 0.00	55.74 -0.40 0.00	54.61 -0.45 0.00	51.85 -0.52 0.00	49.64 -0.88 0.00	48.28 -0.76 0.00	50.90 -0.62 0.00	57.56 -0.39 0.00	83.78 -1.04 0.00	72.71 -0.57 0.00	44.00 -0.22 0.00
GREENIDGE___3 23582	51.51 0.80 0.00	55.46 0.85 0.00	56.68 0.62 0.00	55.85 0.79 0.00	59.89 0.47 0.00	56.48 0.57 0.00	55.20 0.71 0.00	72.45 0.15 0.00	72.34 -0.33 0.00	57.12 -0.35 0.00	61.13 -0.37 0.00	51.27 -0.22 0.00	69.98 -0.23 0.00	58.01 -0.44 0.00	55.74 -0.40 0.00	54.61 -0.45 0.00	51.85 -0.52 0.00	49.64 -0.88 0.00	48.28 -0.76 0.00	50.90 -0.62 0.00	57.56 -0.39 0.00	83.78 -1.04 0.00	72.71 -0.57 0.00	44.00 -0.22 0.00
GREENIDGE___4 23583	51.51 0.80 0.00	55.47 0.86 0.00	56.67 0.61 0.00	55.85 0.79 0.00	59.88 0.46 0.00	56.50 0.59 0.00	55.19 0.71 0.00	72.45 0.16 0.00	72.34 -0.33 0.00	57.12 -0.36 0.00	61.13 -0.37 0.00	51.28 -0.22 0.00	69.97 -0.24 0.00	58.02 -0.44 0.00	55.75 -0.40 0.00	54.61 -0.45 0.00	51.85 -0.51 0.00	49.64 -0.88 0.00	48.29 -0.75 0.00	50.90 -0.62 0.00	57.56 -0.39 0.00	83.78 -1.04 0.00	72.71 -0.57 0.00	44.00 -0.22 0.00
GREENLWN_69_KV_BK 3 55738	51.09 0.38 0.00	55.15 0.54 0.00	56.55 0.49 0.00	55.59 0.52 0.00	59.88 0.45 0.00	55.38 0.09 0.62	54.79 0.30 0.00	72.71 0.43 0.01	73.67 0.99 0.00	58.76 1.28 0.00	62.62 1.13 0.00	52.56 1.07 0.00	71.29 1.14 0.06	59.38 1.66 0.74	57.54 1.68 0.28	56.35 1.48 0.19	53.77 1.40 0.00	51.70 1.18 0.00	50.35 1.31 0.00	50.51 1.42 2.43	49.34 1.09 9.70	85.84 1.04 0.01	74.30 1.02 0.00	44.69 0.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76
GRISSOM___SOLAR 323813	53.39 2.68 0.00	57.52 2.91 0.00	59.03 2.97 0.00	57.98 2.92 0.00	62.61 3.18 0.00	59.03 3.12 0.00	57.60 3.12 0.00	76.58 4.29 0.00	77.15 4.47 0.00	60.79 3.31 0.00	64.70 3.20 0.00	53.74 2.25 0.00	73.18 2.97 0.00	60.75 2.29 0.00	58.34 2.19 0.00	57.47 2.41 0.00	55.04 2.68 0.00	53.17 2.64 0.00	51.79 2.75 0.00	54.73 3.21 0.00	61.60 3.65 0.00	89.92 5.11 0.00	77.57 4.29 0.00	46.69 2.46 0.00
GROVEVILLE___HYD 323602	52.49 1.78 0.00	56.46 1.85 0.00	57.94 1.88 0.00	56.94 1.88 0.00	61.48 2.05 0.00	57.98 2.07 0.00	56.71 2.22 0.00	75.59 3.30 0.00	76.30 3.62 0.00	60.30 2.82 0.00	64.68 3.18 0.00	54.25 2.75 0.00	73.95 3.74 0.00	61.64 3.18 0.00	59.19 3.05 0.00	58.11 3.05 0.00	55.33 2.97 0.00	53.34 2.81 0.00	51.82 2.78 0.00	54.44 2.92 0.00	60.99 3.03 0.00	88.83 4.01 0.00	76.56 3.28 0.00	46.14 1.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.83 0.12 0.00	54.74 0.13 0.00	56.13 0.07 0.00	55.19 0.13 0.00	59.53 0.10 0.00	56.05 0.14 0.00	54.63 0.14 0.00	72.42 0.13 0.00	72.72 0.05 0.00	57.37 -0.11 0.00	61.39 -0.11 0.00	51.42 -0.08 0.00	70.21 0.00 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.87 -0.19 0.00	52.18 -0.18 0.00	50.27 -0.26 0.00	48.82 -0.22 0.00	51.39 -0.13 0.00	57.86 -0.09 0.00	84.45 -0.37 0.00	72.96 -0.32 0.00	43.97 -0.26 0.00

HAMLTNNY_34_KV_TB 80303	50.97 0.25 0.00	54.90 0.29 0.00	56.26 0.20 0.00	55.35 0.29 0.00	59.69 0.26 0.00	56.20 0.29 0.00	54.78 0.29 0.00	72.61 0.32 0.00	72.85 0.17 0.00	57.44 -0.04 0.00	61.48 -0.02 0.00	51.47 -0.03 0.00	70.33 0.12 0.00	58.39 -0.06 0.00	56.04 -0.11 0.00	54.92 -0.14 0.00	52.20 -0.16 0.00	50.26 -0.27 0.00	48.85 -0.18 0.00	51.44 -0.08 0.00	57.96 0.00 0.00	84.55 -0.26 0.00	73.02 -0.25 0.00	43.99 -0.24 0.00
HAMPSHIRE___PAPER_HYD 323593	50.93 0.22 0.00	54.83 0.23 0.00	56.22 0.17 0.00	55.26 0.20 0.00	59.72 0.29 0.00	56.13 0.23 0.00	54.49 0.00 0.00	71.94 -0.35 0.00	72.37 -0.30 0.00	57.49 0.01 0.00	61.14 -0.37 0.00	51.01 -0.48 0.00	68.99 -1.22 0.00	57.29 -1.17 0.00	55.13 -1.01 0.00	54.13 -0.94 0.00	51.56 -0.81 0.00	50.15 -0.38 0.00	48.53 -0.51 0.00	51.42 -0.10 0.00	58.11 0.15 0.00	85.16 0.34 0.00	73.43 0.15 0.00	44.44 0.21 0.00
HARDSCRABBLE_WT_PWR 323673	49.75 -0.96 0.00	53.61 -1.00 0.00	55.14 -0.92 0.00	54.19 -0.87 0.00	58.52 -0.90 0.00	55.11 -0.80 0.00	53.84 -0.65 0.00	71.76 -0.54 0.00	72.71 0.03 0.00	57.21 -0.27 0.00	61.03 -0.47 0.00	50.84 -0.66 0.00	69.30 -0.91 0.00	57.54 -0.91 0.00	55.28 -0.87 0.00	54.82 -0.24 0.00	52.47 0.10 0.00	50.54 0.01 0.00	49.32 0.28 0.00	51.91 0.39 0.00	58.11 0.15 0.00	84.72 -0.10 0.00	72.78 -0.49 0.00	43.83 -0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.00 1.29 0.00	55.97 1.36 0.00	57.43 1.37 0.00	56.46 1.40 0.00	60.98 1.56 0.00	57.51 1.59 0.00	56.27 1.78 0.00	75.00 2.71 0.00	75.60 2.92 0.00	59.71 2.23 0.00	64.12 2.62 0.00	53.75 2.26 0.00	73.30 3.09 0.00	61.08 2.63 0.00	58.69 2.55 0.00	57.56 2.50 0.00	54.83 2.46 0.00	52.89 2.36 0.00	51.39 2.35 0.00	53.95 2.43 0.00	60.43 2.48 0.00	88.08 3.27 0.00	75.95 2.67 0.00	45.75 1.53 0.00
HARSNRAD_115KV_TB1 81005	49.24 -1.47 0.00	53.35 -1.26 0.00	54.54 -1.52 0.00	53.75 -1.31 0.00	57.53 -1.89 0.00	54.02 -1.89 0.00	52.36 -2.12 0.00	68.12 -4.18 0.00	68.01 -4.67 0.00	53.57 -3.91 0.00	57.21 -4.29 0.00	48.14 -3.35 0.00	65.75 -4.46 0.00	54.41 -4.05 0.00	51.73 -4.42 0.00	50.49 -4.58 0.00	47.21 -5.15 0.00	44.98 -5.54 0.00	43.97 -5.07 0.00	46.74 -4.78 0.00	53.28 -4.67 0.00	77.59 -7.23 0.00	68.31 -4.97 0.00	41.05 -3.18 0.00
HARZA MOOSE___RIVER 24016	51.88 1.17 0.00	55.82 1.21 0.00	57.24 1.18 0.00	56.25 1.19 0.00	60.73 1.31 0.00	57.18 1.27 0.00	55.68 1.19 0.00	73.90 1.62 0.00	74.38 1.70 0.00	58.82 1.35 0.00	62.68 1.18 0.00	52.32 0.82 0.00	71.07 0.86 0.00	59.05 0.60 0.00	56.59 0.45 0.00	55.60 0.54 0.00	52.97 0.61 0.00	51.27 0.75 0.00	49.76 0.72 0.00	52.51 0.99 0.00	59.24 1.28 0.00	86.74 1.92 0.00	74.86 1.58 0.00	45.08 0.85 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	50.50 -0.20 0.00	54.40 -0.21 0.00	55.80 -0.25 0.00	54.85 -0.21 0.00	59.15 -0.27 0.00	55.67 -0.24 0.00	54.26 -0.22 0.00	71.94 -0.36 0.00	72.29 -0.39 0.00	57.02 -0.46 0.00	61.04 -0.47 0.00	51.11 -0.38 0.00	69.78 -0.43 0.00	57.98 -0.47 0.00	55.61 -0.53 0.00	54.53 -0.53 0.00	51.83 -0.54 0.00	49.91 -0.62 0.00	48.47 -0.57 0.00	51.01 -0.50 0.00	57.45 -0.51 0.00	83.86 -0.95 0.00	72.51 -0.77 0.00	43.68 -0.55 0.00
HELLGATE_13_KV_LD 55870	53.05 2.35 0.00	57.05 2.45 0.00	58.50 2.44 0.00	57.50 2.44 0.00	62.02 2.59 0.00	58.50 2.59 0.00	57.21 2.73 0.00	76.25 3.95 0.00	77.12 4.45 0.00	61.03 3.55 0.00	65.41 3.91 0.00	54.88 3.38 0.00	74.83 4.62 0.00	62.44 3.98 0.00	60.06 3.91 0.00	58.90 3.83 0.00	56.12 3.75 -0.01	54.05 3.52 0.00	52.47 3.44 0.00	55.12 3.60 0.00	61.73 3.77 0.00	89.82 5.00 0.00	77.41 4.13 0.00	46.74 2.43 -0.09
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.05 2.35 0.00	57.05 2.45 0.00	58.50 2.44 0.00	57.50 2.44 0.00	62.02 2.59 0.00	58.50 2.59 0.00	57.21 2.73 0.00	76.25 3.95 0.00	77.12 4.45 0.00	61.03 3.55 0.00	65.41 3.91 0.00	54.88 3.38 0.00	74.83 4.62 0.00	62.44 3.98 0.00	60.06 3.91 0.00	58.90 3.83 0.00	56.12 3.75 -0.01	54.05 3.52 0.00	52.47 3.44 0.00	55.12 3.60 0.00	61.73 3.77 0.00	89.82 5.00 0.00	77.41 4.13 0.00	46.74 2.43 -0.09
HEMPSTEAD____ 23647	51.83 1.12 0.00	55.82 1.20 -0.01	57.22 1.15 -0.01	56.22 1.16 0.00	60.59 1.16 0.00	56.57 0.96 0.30	55.70 1.21 0.00	74.02 1.73 0.00	74.90 2.23 0.00	59.57 2.09 0.00	63.59 2.08 -0.01	53.40 1.90 -0.01	72.59 2.39 0.01	62.30 2.60 -1.25	59.26 2.54 -0.58	57.67 2.40 -0.20	54.63 2.25 -0.01	52.54 2.01 -0.01	51.10 2.06 -0.01	53.82 2.25 -0.05	57.35 2.07 2.68	87.25 2.44 0.00	75.45 2.17 0.00	45.41 1.19 0.00
HEWLETT_69_KV_BK3 55828	52.34 1.63 0.00	56.43 1.77 -0.06	57.81 1.73 -0.03	56.78 1.72 0.00	61.20 1.77 0.00	57.45 1.54 0.00	56.24 1.75 0.00	74.68 2.39 0.00	75.66 2.98 0.00	60.16 2.68 0.00	64.35 2.79 -0.06	54.05 2.50 -0.05	73.45 3.16 -0.08	69.54 3.29 -7.79	62.81 3.21 -3.45	59.55 3.05 -1.44	55.25 2.83 -0.06	53.17 2.58 -0.07	51.74 2.64 -0.06	60.37 2.88 -5.96	70.53 2.75 -9.82	88.26 3.42 -0.02	76.19 2.92 0.00	45.82 1.59 0.00
HICKLING___1 23621	51.65 0.94 0.00	55.72 1.11 0.00	57.10 1.05 0.00	56.17 1.11 0.00	60.45 1.03 0.00	56.84 0.93 0.00	55.45 0.96 0.00	73.22 0.93 0.00	73.08 0.41 0.00	57.40 -0.08 0.00	61.57 0.07 0.00	51.62 0.13 0.00	70.62 0.42 0.00	58.49 0.04 0.00	55.85 -0.29 0.00	54.67 -0.40 0.00	51.90 -0.46 0.00	49.70 -0.83 0.00	48.23 -0.81 0.00	51.02 -0.50 0.00	57.73 -0.23 0.00	84.26 -0.56 0.00	73.06 -0.22 0.00	44.06 -0.16 0.00
HICKLING___2 23622	51.65 0.94 0.00	55.72 1.11 0.00	57.10 1.05 0.00	56.17 1.11 0.00	60.45 1.03 0.00	56.84 0.93 0.00	55.45 0.96 0.00	73.22 0.93 0.00	73.08 0.41 0.00	57.40 -0.08 0.00	61.57 0.07 0.00	51.62 0.13 0.00	70.62 0.42 0.00	58.49 0.04 0.00	55.85 -0.29 0.00	54.67 -0.40 0.00	51.90 -0.46 0.00	49.70 -0.83 0.00	48.23 -0.81 0.00	51.02 -0.50 0.00	57.73 -0.23 0.00	84.26 -0.56 0.00	73.06 -0.22 0.00	44.06 -0.16 0.00
HIGH FALLS___HY 23754	52.68 1.96 0.00	56.67 2.07 0.00	58.15 2.09 0.00	57.15 2.08 0.00	61.73 2.31 0.00	58.23 2.31 0.00	56.98 2.49 0.00	75.98 3.69 0.00	76.72 4.04 0.00	60.63 3.15 0.00	65.10 3.60 0.00	54.61 3.12 0.00	74.53 4.32 0.00	62.11 3.66 0.00	59.62 3.47 0.00	58.46 3.40 0.00	55.66 3.30 0.00	53.67 3.14 0.00	52.14 3.09 0.00	54.76 3.24 0.00	61.37 3.41 0.00	89.39 4.58 0.00	76.98 3.70 0.00	46.35 2.12 0.00
HIGH_RIVER___SOLAR 323847	52.32 1.61 0.00	56.35 1.75 0.00	57.87 1.81 0.00	56.82 1.76 0.00	61.34 1.91 0.00	57.81 1.90 0.00	56.40 1.91 0.00	74.91 2.62 0.00	75.37 2.70 0.00	59.43 1.96 0.00	63.33 1.83 0.00	52.87 1.38 0.00	71.95 1.74 0.00	59.87 1.42 0.00	57.55 1.41 0.00	56.64 1.58 0.00	54.00 1.64 0.00	52.18 1.65 0.00	50.79 1.75 0.00	53.52 2.00 0.00	60.17 2.21 0.00	87.87 3.05 0.00	75.82 2.55 0.00	45.72 1.49 0.00

HILLBURN___GT 23639	51.78 1.07 0.00	55.74 1.13 0.00	57.18 1.12 0.00	56.23 1.17 0.00	60.74 1.32 0.00	57.27 1.36 0.00	56.07 1.58 0.00	74.76 2.46 0.00	75.36 2.68 0.00	59.50 2.02 0.00	63.90 2.40 0.00	53.55 2.06 0.00	73.04 2.83 0.00	60.89 2.43 0.00	58.49 2.34 0.00	57.36 2.30 0.00	54.66 2.29 0.00	52.73 2.20 0.00	51.25 2.21 0.00	53.77 2.26 0.00	60.22 2.26 0.00	87.79 2.97 0.00	75.70 2.42 0.00	45.61 1.38 0.00
HILLSIDE_115KV_TB1 80332	51.11 0.40 0.00	55.14 0.53 0.00	56.52 0.46 0.00	55.57 0.51 0.00	59.86 0.43 0.00	56.27 0.36 0.00	54.91 0.42 0.00	72.61 0.32 0.00	72.48 -0.20 0.00	56.91 -0.57 0.00	61.14 -0.36 0.00	51.29 -0.21 0.00	70.16 -0.05 0.00	58.17 -0.28 0.00	55.53 -0.61 0.00	54.33 -0.73 0.00	51.71 -0.66 0.00	49.45 -1.08 0.00	47.98 -1.06 0.00	50.69 -0.83 0.00	57.25 -0.72 0.00	83.61 -1.21 0.00	72.39 -0.89 0.00	43.73 -0.50 0.00
HISHELDN_WT_PWR 323625	49.98 -0.74 0.00	54.07 -0.54 0.00	55.32 -0.73 0.00	54.49 -0.57 0.00	58.39 -1.04 0.00	54.88 -1.03 0.00	53.33 -1.16 0.00	69.72 -2.57 0.00	69.57 -3.10 0.00	54.68 -2.80 0.00	58.34 -3.16 0.00	48.98 -2.51 0.00	66.94 -3.27 0.00	55.38 -3.08 0.00	52.75 -3.40 0.00	51.57 -3.50 0.00	48.40 -3.97 0.00	46.24 -4.29 0.00	45.14 -3.90 0.00	48.00 -3.52 0.00	54.86 -3.09 0.00	80.04 -4.78 0.00	70.10 -3.18 0.00	42.11 -2.12 0.00
HOLTSVILLE_IC_1 23690	51.13 0.42 0.00	55.07 0.46 0.00	56.39 0.33 0.00	55.41 0.35 0.00	59.71 0.29 0.00	55.30 0.03 0.64	55.20 0.71 0.00	73.25 0.96 0.01	74.14 1.47 0.00	59.20 1.72 0.00	62.73 1.23 0.00	52.73 1.24 0.00	71.43 1.28 0.06	59.41 1.79 0.84	57.59 1.76 0.32	56.46 1.60 0.21	53.90 1.54 0.00	51.79 1.27 0.00	50.47 1.44 0.00	50.54 1.58 2.56	49.17 1.28 10.07	86.08 1.28 0.01	74.77 1.49 0.00	44.98 0.75 0.00
HOLTSVILLE_IC_10 23699	51.28 0.57 0.00	55.21 0.60 0.00	56.52 0.47 0.00	55.55 0.49 0.00	59.86 0.43 0.00	55.46 0.19 0.63	55.42 0.93 0.00	73.56 1.28 0.01	74.45 1.77 0.00	59.47 1.99 0.00	62.99 1.49 0.00	52.95 1.46 0.00	71.73 1.58 0.06	59.68 2.03 0.80	57.83 1.99 0.31	56.68 1.82 0.20	54.11 1.76 0.00	52.00 1.48 0.00	50.69 1.66 0.00	50.82 1.81 2.51	49.56 1.54 9.93	86.46 1.66 0.01	75.09 1.81 0.00	45.16 0.93 0.00
HOLTSVILLE_IC_2 23691	51.13 0.42 0.00	55.07 0.46 0.00	56.39 0.33 0.00	55.41 0.35 0.00	59.71 0.29 0.00	55.30 0.03 0.64	55.20 0.71 0.00	73.25 0.96 0.01	74.14 1.47 0.00	59.20 1.72 0.00	62.73 1.23 0.00	52.73 1.24 0.00	71.43 1.28 0.06	59.41 1.79 0.84	57.59 1.76 0.32	56.46 1.60 0.21	53.90 1.54 0.00	51.79 1.27 0.00	50.47 1.44 0.00	50.54 1.58 2.56	49.17 1.28 10.07	86.08 1.28 0.01	74.77 1.49 0.00	44.98 0.75 0.00
HOLTSVILLE_IC_3 23692	51.13 0.42 0.00	55.07 0.46 0.00	56.39 0.33 0.00	55.41 0.35 0.00	59.71 0.29 0.00	55.30 0.03 0.64	55.20 0.71 0.00	73.25 0.96 0.01	74.14 1.47 0.00	59.20 1.72 0.00	62.73 1.23 0.00	52.73 1.24 0.00	71.43 1.28 0.06	59.41 1.79 0.84	57.59 1.76 0.32	56.46 1.60 0.21	53.90 1.54 0.00	51.79 1.27 0.00	50.47 1.44 0.00	50.54 1.58 2.56	49.17 1.28 10.07	86.08 1.28 0.01	74.77 1.49 0.00	44.98 0.75 0.00
HOLTSVILLE_IC_4 23693	51.13 0.42 0.00	55.07 0.46 0.00	56.39 0.33 0.00	55.41 0.35 0.00	59.71 0.29 0.00	55.30 0.03 0.64	55.20 0.71 0.00	73.25 0.96 0.01	74.14 1.47 0.00	59.20 1.72 0.00	62.73 1.23 0.00	52.73 1.24 0.00	71.43 1.28 0.06	59.41 1.79 0.84	57.59 1.76 0.32	56.46 1.60 0.21	53.90 1.54 0.00	51.79 1.27 0.00	50.47 1.44 0.00	50.54 1.58 2.56	49.17 1.28 10.07	86.08 1.28 0.01	74.77 1.49 0.00	44.98 0.75 0.00
HOLTSVILLE_IC_5 23694	51.13 0.42 0.00	55.07 0.46 0.00	56.39 0.33 0.00	55.41 0.35 0.00	59.71 0.29 0.00	55.30 0.03 0.64	55.20 0.71 0.00	73.25 0.96 0.01	74.14 1.47 0.00	59.20 1.72 0.00	62.73 1.23 0.00	52.73 1.24 0.00	71.43 1.28 0.06	59.41 1.79 0.84	57.59 1.76 0.32	56.46 1.60 0.21	53.90 1.54 0.00	51.79 1.27 0.00	50.47 1.44 0.00	50.54 1.58 2.56	49.17 1.28 10.07	86.08 1.28 0.01	74.77 1.49 0.00	44.98 0.75 0.00
HOLTSVILLE_IC_6 23695	51.28 0.57 0.00	55.21 0.60 0.00	56.52 0.47 0.00	55.55 0.49 0.00	59.86 0.43 0.00	55.46 0.19 0.63	55.42 0.93 0.00	73.56 1.28 0.01	74.45 1.77 0.00	59.47 1.99 0.00	62.99 1.49 0.00	52.95 1.46 0.00	71.73 1.58 0.06	59.68 2.03 0.80	57.83 1.99 0.31	56.68 1.82 0.20	54.11 1.76 0.00	52.00 1.48 0.00	50.69 1.66 0.00	50.82 1.81 2.51	49.56 1.54 9.93	86.46 1.66 0.01	75.09 1.81 0.00	45.16 0.93 0.00
HOLTSVILLE_IC_7 23696	51.28 0.57 0.00	55.21 0.60 0.00	56.52 0.47 0.00	55.55 0.49 0.00	59.86 0.43 0.00	55.46 0.19 0.63	55.42 0.93 0.00	73.56 1.28 0.01	74.45 1.77 0.00	59.47 1.99 0.00	62.99 1.49 0.00	52.95 1.46 0.00	71.73 1.58 0.06	59.68 2.03 0.80	57.83 1.99 0.31	56.68 1.82 0.20	54.11 1.76 0.00	52.00 1.48 0.00	50.69 1.66 0.00	50.82 1.81 2.51	49.56 1.54 9.93	86.46 1.66 0.01	75.09 1.81 0.00	45.16 0.93 0.00
HOLTSVILLE_IC_8 23697	51.28 0.57 0.00	55.21 0.60 0.00	56.52 0.47 0.00	55.55 0.49 0.00	59.86 0.43 0.00	55.46 0.19 0.63	55.42 0.93 0.00	73.56 1.28 0.01	74.45 1.77 0.00	59.47 1.99 0.00	62.99 1.49 0.00	52.95 1.46 0.00	71.73 1.58 0.06	59.68 2.03 0.80	57.83 1.99 0.31	56.68 1.82 0.20	54.11 1.76 0.00	52.00 1.48 0.00	50.69 1.66 0.00	50.82 1.81 2.51	49.56 1.54 9.93	86.46 1.66 0.01	75.09 1.81 0.00	45.16 0.93 0.00
HOLTSVILLE_IC_9 23698	51.28 0.57 0.00	55.21 0.60 0.00	56.52 0.47 0.00	55.55 0.49 0.00	59.86 0.43 0.00	55.46 0.19 0.63	55.42 0.93 0.00	73.56 1.28 0.01	74.45 1.77 0.00	59.47 1.99 0.00	62.99 1.49 0.00	52.95 1.46 0.00	71.73 1.58 0.06	59.68 2.03 0.80	57.83 1.99 0.31	56.68 1.82 0.20	54.11 1.76 0.00	52.00 1.48 0.00	50.69 1.66 0.00	50.82 1.81 2.51	49.56 1.54 9.93	86.46 1.66 0.01	75.09 1.81 0.00	45.16 0.93 0.00
HOMER_HL_115KV_TB2 355744	51.86 1.15 0.00	56.37 1.76 0.00	57.72 1.66 0.00	56.82 1.76 0.00	60.97 1.54 0.00	57.39 1.47 0.00	55.65 1.16 0.00	72.72 0.43 0.00	72.64 -0.04 0.00	56.96 -0.52 0.00	61.23 -0.27 0.00	51.50 0.01 0.00	70.63 0.42 0.00	58.62 0.16 0.00	55.86 -0.28 0.00	54.55 -0.51 0.00	51.52 -0.84 0.00	48.97 -1.56 0.00	47.46 -1.58 0.00	50.11 -1.41 0.00	56.95 -1.01 0.00	83.09 -1.72 0.00	72.47 -0.81 0.00	43.78 -0.45 0.00
HOWARD_WT_PWR 323690	51.61 0.90 0.00	55.70 1.10 0.00	56.97 0.92 0.00	56.08 1.02 0.00	60.22 0.79 0.00	56.61 0.70 0.00	55.25 0.76 0.00	72.65 0.36 0.00	72.30 -0.37 0.00	56.71 -0.77 0.00	60.32 -1.18 0.00	50.40 -1.09 0.00	68.98 -1.22 0.00	57.04 -1.42 0.00	54.32 -1.82 0.00	53.19 -1.87 0.00	50.04 -2.33 0.00	47.83 -2.69 0.00	46.72 -2.32 0.00	49.71 -1.81 0.00	56.63 -1.33 0.00	82.89 -1.93 0.00	72.34 -0.94 0.00	43.45 -0.78 0.00

HQ_GEN_CEDARS 23644	51.30 0.59 0.00	55.24 0.64 0.00	56.69 0.64 0.00	55.71 0.65 0.00	60.14 0.71 0.00	56.48 0.57 0.00	54.86 0.37 0.00	71.97 -0.33 0.00	72.38 -0.30 0.00	57.87 0.39 0.00	61.84 0.34 0.00	51.73 0.23 0.00	69.89 -0.32 0.00	58.27 -0.19 0.00	56.45 0.30 0.00	55.30 0.23 0.00	52.55 0.18 0.00	50.99 0.46 0.00	49.15 0.11 0.00	52.04 0.52 0.00	58.70 0.74 0.00	85.65 0.83 0.00	74.06 0.78 0.00	45.10 0.87 0.00
HQ_GEN_CEDARS_PROXY 323590	51.30 0.59 0.00	55.25 0.64 0.00	56.69 0.64 0.00	55.71 0.65 0.00	60.14 0.72 0.00	56.48 0.57 0.00	54.86 0.37 0.00	71.97 -0.33 0.00	72.38 -0.30 0.00	57.87 0.39 0.00	61.84 0.34 0.00	51.73 0.23 0.00	69.89 -0.32 0.00	58.27 -0.19 0.00	56.45 0.31 0.00	55.30 0.23 0.00	52.55 0.18 0.00	50.99 0.46 0.00	49.15 0.11 0.00	52.04 0.52 0.00	58.70 0.74 0.00	85.65 0.83 0.00	74.06 0.78 0.00	45.10 0.87 0.00
HQ_GEN_IMPORT 323601	50.83 0.12 0.00	54.71 0.10 0.00	56.16 0.10 0.00	55.17 0.11 0.00	59.55 0.12 0.00	55.96 0.06 0.00	54.44 -0.04 0.00	72.07 -0.22 0.00	65.96 -0.30 6.41	57.48 0.00 0.00	61.44 -0.06 0.00	51.45 -0.04 0.00	70.08 -0.13 0.00	58.39 -0.06 0.00	56.16 0.01 0.00	55.03 -0.03 0.00	52.29 -0.07 0.00	50.60 0.07 0.00	49.06 0.03 0.00	51.49 -0.03 0.00	58.01 0.06 0.00	84.77 0.41 0.45	73.64 0.36 0.00	44.51 0.28 0.00
HQ_GEN_WHEEL 23651	50.83 0.12 0.00	54.71 0.10 0.00	56.16 0.10 0.00	55.17 0.11 0.00	59.55 0.12 0.00	55.96 0.06 0.00	54.44 -0.04 0.00	72.07 -0.22 0.00	65.96 -0.30 6.41	57.48 0.00 0.00	61.44 -0.06 0.00	51.45 -0.04 0.00	70.08 -0.13 0.00	58.39 -0.06 0.00	56.16 0.01 0.00	55.03 -0.03 0.00	52.29 -0.07 0.00	50.60 0.07 0.00	49.06 0.03 0.00	51.49 -0.03 0.00	58.01 0.06 0.00	84.77 0.41 0.45	73.64 0.36 0.00	44.51 0.28 0.00
HUDSON_AVE_GT_3 23810	52.69 1.98 0.00	56.67 2.06 0.00	58.09 2.03 0.00	57.07 2.01 0.00	61.61 2.18 0.00	58.08 2.17 0.00	56.77 2.28 0.00	75.72 3.43 0.00	76.58 3.90 0.00	60.52 3.05 0.00	64.86 3.36 0.00	54.40 2.91 0.00	74.22 4.01 0.00	61.89 3.43 0.00	59.53 3.39 0.00	58.37 3.31 0.00	55.64 3.27 0.00	53.57 3.04 0.00	52.03 2.99 0.00	54.63 3.11 0.00	61.19 3.23 0.00	89.09 4.27 0.00	76.79 3.52 0.00	46.30 2.08 0.00
HUDSON_AVE_GT_4 23540	52.69 1.98 0.00	56.67 2.06 0.00	58.09 2.03 0.00	57.07 2.01 0.00	61.61 2.18 0.00	58.08 2.17 0.00	56.77 2.28 0.00	75.72 3.43 0.00	76.58 3.90 0.00	60.52 3.05 0.00	64.86 3.36 0.00	54.40 2.91 0.00	74.22 4.01 0.00	61.89 3.43 0.00	59.53 3.39 0.00	58.37 3.31 0.00	55.64 3.27 0.00	53.57 3.04 0.00	52.03 2.99 0.00	54.63 3.11 0.00	61.19 3.23 0.00	89.09 4.27 0.00	76.79 3.52 0.00	46.30 2.08 0.00
HUDSON_AVE_GT_5 23657	52.69 1.98 0.00	56.67 2.06 0.00	58.09 2.03 0.00	57.07 2.01 0.00	61.61 2.18 0.00	58.08 2.17 0.00	56.77 2.28 0.00	75.72 3.43 0.00	76.58 3.90 0.00	60.52 3.05 0.00	64.86 3.36 0.00	54.40 2.91 0.00	74.22 4.01 0.00	61.89 3.43 0.00	59.53 3.39 0.00	58.37 3.31 0.00	55.64 3.27 0.00	53.57 3.04 0.00	52.03 2.99 0.00	54.63 3.11 0.00	61.19 3.23 0.00	89.09 4.27 0.00	76.79 3.52 0.00	46.30 2.08 0.00
HUDSON_AVE_10 24168	52.53 1.82 0.00	56.50 1.89 0.00	57.86 1.81 0.00	56.79 1.73 0.00	61.32 1.89 0.00	57.82 1.91 0.00	56.56 2.07 0.00	75.45 3.15 0.00	76.35 3.67 0.00	60.38 2.90 0.00	64.72 3.22 0.00	54.27 2.77 0.00	74.03 3.82 0.00	61.75 3.29 0.00	59.38 3.24 0.00	58.23 3.17 0.00	55.53 3.16 0.00	53.45 2.92 0.00	51.90 2.85 0.00	54.49 2.97 0.00	61.02 3.06 0.00	88.82 4.01 0.00	76.54 3.26 0.00	46.17 1.94 0.00
HUDSON___115KV_TB 4 355613	51.85 1.14 0.00	55.80 1.19 0.00	57.31 1.25 0.00	56.26 1.20 0.00	60.76 1.34 0.00	57.27 1.35 0.00	55.97 1.48 0.00	74.50 2.21 0.00	75.12 2.45 0.00	59.30 1.82 0.00	63.44 1.94 0.00	52.98 1.49 0.00	72.27 2.06 0.00	60.22 1.77 0.00	57.89 1.75 0.00	56.94 1.88 0.00	54.24 1.88 0.00	52.30 1.77 0.00	50.81 1.77 0.00	53.38 1.86 0.00	59.86 1.91 0.00	87.29 2.47 0.00	75.25 1.97 0.00	45.42 1.19 0.00
HUNTER MOUNT___DRP 323613	52.11 1.40 0.00	56.08 1.47 0.00	57.59 1.54 0.00	56.52 1.46 0.00	61.06 1.63 0.00	57.56 1.65 0.00	56.27 1.78 0.00	74.93 2.63 0.00	75.59 2.91 0.00	59.68 2.20 0.00	63.84 2.34 0.00	53.28 1.79 0.00	72.66 2.45 0.00	60.54 2.09 0.00	58.17 2.03 0.00	57.23 2.16 0.00	54.54 2.17 0.00	52.59 2.06 0.00	51.11 2.07 0.00	53.70 2.18 0.00	60.22 2.26 0.00	87.80 2.98 0.00	75.67 2.39 0.00	45.64 1.42 0.00
HUNTINGTON_RES_REC 323705	51.09 0.38 0.00	55.10 0.50 0.00	56.46 0.40 0.00	55.50 0.44 0.00	59.78 0.35 0.00	55.30 0.02 0.63	54.98 0.49 0.00	72.93 0.64 0.01	73.90 1.22 0.00	58.99 1.52 0.00	62.70 1.21 0.00	52.67 1.18 0.00	71.39 1.24 0.06	59.43 1.77 0.80	57.59 1.75 0.30	56.42 1.56 0.20	53.85 1.49 0.00	51.79 1.27 0.00	50.46 1.42 0.00	50.56 1.55 2.50	49.28 1.23 9.91	86.02 1.22 0.01	74.55 1.27 0.00	44.81 0.59 0.00
HUNTLEY___63 23557	49.87 -0.84 0.00	54.04 -0.56 0.00	55.21 -0.85 0.00	54.42 -0.64 0.00	58.25 -1.18 0.00	54.68 -1.23 0.00	53.01 -1.47 0.00	68.92 -3.37 0.00	68.79 -3.89 0.00	54.18 -3.30 0.00	57.90 -3.60 0.00	48.74 -2.76 0.00	66.58 -3.64 0.00	55.10 -3.36 0.00	52.39 -3.76 0.00	51.12 -3.94 0.00	47.85 -4.52 0.00	45.55 -4.98 0.00	44.51 -4.53 0.00	47.28 -4.24 0.00	53.81 -4.15 0.00	78.33 -6.49 0.00	68.96 -4.32 0.00	41.43 -2.79 0.00
HUNTLEY___64 23558	49.87 -0.84 0.00	54.04 -0.56 0.00	55.21 -0.85 0.00	54.42 -0.64 0.00	58.25 -1.18 0.00	54.68 -1.23 0.00	53.01 -1.47 0.00	68.92 -3.37 0.00	68.79 -3.89 0.00	54.18 -3.30 0.00	57.90 -3.60 0.00	48.74 -2.76 0.00	66.58 -3.64 0.00	55.10 -3.36 0.00	52.39 -3.76 0.00	51.12 -3.94 0.00	47.85 -4.52 0.00	45.55 -4.98 0.00	44.51 -4.53 0.00	47.28 -4.24 0.00	53.81 -4.15 0.00	78.33 -6.49 0.00	68.96 -4.32 0.00	41.43 -2.79 0.00
HUNTLEY___65 23559	49.87 -0.84 0.00	54.04 -0.56 0.00	55.21 -0.85 0.00	54.42 -0.64 0.00	58.25 -1.18 0.00	54.68 -1.23 0.00	53.01 -1.47 0.00	68.92 -3.37 0.00	68.79 -3.89 0.00	54.18 -3.30 0.00	57.90 -3.60 0.00	48.74 -2.76 0.00	66.58 -3.64 0.00	55.10 -3.36 0.00	52.39 -3.76 0.00	51.12 -3.94 0.00	47.85 -4.52 0.00	45.55 -4.98 0.00	44.51 -4.53 0.00	47.28 -4.24 0.00	53.81 -4.15 0.00	78.33 -6.49 0.00	68.96 -4.32 0.00	41.43 -2.79 0.00
HUNTLEY___66 23560	49.87 -0.84 0.00	54.04 -0.56 0.00	55.21 -0.85 0.00	54.42 -0.64 0.00	58.25 -1.18 0.00	54.68 -1.23 0.00	53.01 -1.47 0.00	68.92 -3.37 0.00	68.79 -3.89 0.00	54.18 -3.30 0.00	57.90 -3.60 0.00	48.74 -2.76 0.00	66.58 -3.64 0.00	55.10 -3.36 0.00	52.39 -3.76 0.00	51.12 -3.94 0.00	47.85 -4.52 0.00	45.55 -4.98 0.00	44.51 -4.53 0.00	47.28 -4.24 0.00	53.81 -4.15 0.00	78.33 -6.49 0.00	68.96 -4.32 0.00	41.43 -2.79 0.00

HUNTLEY___67 23561	49.66 -1.05 0.00	53.84 -0.77 0.00	55.03 -1.03 0.00	54.23 -0.83 0.00	58.07 -1.36 0.00	54.51 -1.40 0.00	52.85 -1.64 0.00	68.81 -3.48 0.00	68.74 -3.94 0.00	54.08 -3.39 0.00	57.83 -3.67 0.00	48.66 -2.84 0.00	66.53 -3.68 0.00	55.06 -3.00 0.00	52.36 -3.78 0.00	51.11 -3.95 0.00	47.88 -4.48 0.00	45.57 -4.95 0.00	44.50 -4.53 0.00	47.23 -4.29 0.00	53.73 -4.22 0.00	78.28 -6.54 0.00	68.78 -4.50 0.00	41.35 -2.88 0.00
HUNTLEY___68 23562	49.66 -1.05 0.00	53.84 -0.77 0.00	55.03 -1.03 0.00	54.23 -0.83 0.00	58.07 -1.36 0.00	54.51 -1.40 0.00	52.85 -1.64 0.00	68.81 -3.48 0.00	68.74 -3.94 0.00	54.08 -3.39 0.00	57.83 -3.67 0.00	48.66 -2.84 0.00	66.53 -3.68 0.00	55.06 -3.40 0.00	52.36 -3.78 0.00	51.11 -3.95 0.00	47.88 -4.48 0.00	45.57 -4.95 0.00	44.50 -4.53 0.00	47.23 -4.29 0.00	53.73 -4.22 0.00	78.28 -6.54 0.00	68.78 -4.50 0.00	41.35 -2.88 0.00
HYLAND___LFGE 323620	52.75 2.04 0.00	56.92 2.31 0.00	58.28 2.23 0.00	57.33 2.27 0.00	61.58 2.15 0.00	58.00 2.09 0.00	56.63 2.14 0.00	74.57 2.28 0.00	74.62 1.95 0.00	58.59 1.11 0.00	62.27 0.77 0.00	52.00 0.50 0.00	70.56 0.35 0.00	58.15 -0.31 0.00	55.14 -1.00 0.00	53.98 -1.09 0.00	51.23 -1.13 0.00	49.63 -0.90 0.00	48.72 -0.32 0.00	51.95 0.44 0.00	59.10 1.15 0.00	86.13 1.32 0.00	74.77 1.49 0.00	44.78 0.55 0.00
INDECK___CORINTH 23802	52.93 2.22 0.00	57.09 2.48 0.00	58.60 2.54 0.00	57.51 2.45 0.00	62.03 2.60 0.00	58.38 2.47 0.00	57.06 2.58 0.00	75.95 3.66 0.00	76.38 3.70 0.00	60.14 2.66 0.00	64.20 2.70 0.00	53.55 2.06 0.00	72.97 2.76 0.00	60.82 2.36 0.00	58.53 2.39 0.00	57.60 2.54 0.00	54.94 2.57 0.00	53.16 2.63 0.00	51.70 2.66 0.00	54.37 2.85 0.00	60.96 3.00 0.00	88.96 4.14 0.00	76.48 3.20 0.00	46.17 1.94 0.00
INDECK___ILION 23567	49.89 -0.82 0.00	53.71 -0.89 0.00	55.23 -0.82 0.00	54.28 -0.78 0.00	58.62 -0.81 0.00	55.20 -0.72 0.00	53.97 -0.52 0.00	72.02 -0.27 0.00	72.96 0.28 0.00	57.40 -0.08 0.00	61.21 -0.29 0.00	50.97 -0.53 0.00	69.47 -0.74 0.00	57.68 -0.78 0.00	55.42 -0.72 0.00	54.98 -0.08 0.00	52.64 0.28 0.00	50.71 0.18 0.00	49.49 0.45 0.00	52.10 0.58 0.00	58.29 0.33 0.00	84.95 0.14 0.00	72.95 -0.33 0.00	43.93 -0.29 0.00
INDECK___OLEAN 23982	51.86 1.15 0.00	56.37 1.76 0.00	57.72 1.66 0.00	56.82 1.76 0.00	60.94 1.51 0.00	57.38 1.47 0.00	55.65 1.16 0.00	72.73 0.44 0.00	72.64 -0.04 0.00	56.96 -0.52 0.00	61.24 -0.26 0.00	51.50 0.01 0.00	70.63 0.42 0.00	58.63 0.17 0.00	55.87 -0.27 0.00	54.56 -0.50 0.00	51.52 -0.84 0.00	48.98 -1.54 0.00	47.47 -1.57 0.00	50.11 -1.41 0.00	56.95 -1.01 0.00	83.12 -1.70 0.00	72.47 -0.81 0.00	43.78 -0.44 0.00
INDECK___OSWEGO 23783	49.95 -0.76 0.00	53.79 -0.82 0.00	55.18 -0.88 0.00	54.24 -0.82 0.00	58.52 -0.91 0.00	55.06 -0.85 0.00	53.64 -0.85 0.00	71.13 -1.16 0.00	71.52 -1.16 0.00	56.46 -1.02 0.00	60.35 -1.15 0.00	50.53 -0.96 0.00	68.93 -1.29 0.00	57.24 -1.22 0.00	54.85 -1.30 0.00	53.78 -1.28 0.00	51.14 -1.22 0.00	49.33 -1.20 0.00	47.92 -1.12 0.00	50.43 -1.08 0.00	56.82 -1.14 0.00	82.98 -1.84 0.00	71.74 -1.54 0.00	43.23 -1.00 0.00
INDECK___YERKES 23781	49.92 -0.79 0.00	54.08 -0.53 0.00	55.26 -0.80 0.00	54.47 -0.59 0.00	58.27 -1.16 0.00	54.73 -1.18 0.00	53.06 -1.42 0.00	68.99 -3.30 0.00	68.85 -3.83 0.00	54.22 -3.25 0.00	57.96 -3.54 0.00	48.79 -2.71 0.00	66.64 -3.57 0.00	55.16 -3.30 0.00	52.44 -3.71 0.00	51.18 -3.88 0.00	47.90 -4.47 0.00	45.62 -4.91 0.00	44.56 -4.48 0.00	47.32 -4.20 0.00	53.85 -4.11 0.00	78.38 -6.43 0.00	69.01 -4.27 0.00	41.47 -2.76 0.00
INDIAN POINT_GT_1 24139	51.86 1.14 0.00	55.81 1.20 0.00	57.25 1.20 0.00	56.28 1.22 0.00	60.78 1.36 0.00	57.30 1.39 0.00	56.05 1.56 0.00	74.72 2.43 0.00	75.38 2.70 0.00	59.53 2.06 0.00	63.88 2.38 0.00	53.54 2.05 0.00	72.99 2.78 0.00	60.87 2.41 0.00	58.50 2.35 0.00	57.39 2.33 0.00	54.68 2.32 0.00	52.72 2.20 0.00	51.24 2.20 0.00	53.77 2.25 0.00	60.24 2.27 0.00	87.78 2.97 0.00	75.69 2.42 0.00	45.64 1.42 0.00
INDIAN POINT_GT_2 23659	51.86 1.14 0.00	55.81 1.20 0.00	57.25 1.20 0.00	56.28 1.22 0.00	60.78 1.36 0.00	57.30 1.39 0.00	56.05 1.56 0.00	74.72 2.43 0.00	75.38 2.70 0.00	59.53 2.06 0.00	63.88 2.38 0.00	53.54 2.05 0.00	72.99 2.78 0.00	60.87 2.41 0.00	58.50 2.35 0.00	57.39 2.33 0.00	54.68 2.32 0.00	52.72 2.20 0.00	51.24 2.20 0.00	53.77 2.25 0.00	60.24 2.27 0.00	87.78 2.97 0.00	75.69 2.42 0.00	45.64 1.42 0.00
INDIAN POINT_GT_3 24019	51.86 1.14 0.00	55.81 1.20 0.00	57.25 1.20 0.00	56.28 1.22 0.00	60.78 1.36 0.00	57.30 1.39 0.00	56.05 1.56 0.00	74.72 2.43 0.00	75.38 2.70 0.00	59.53 2.06 0.00	63.88 2.38 0.00	53.54 2.05 0.00	72.99 2.78 0.00	60.87 2.41 0.00	58.50 2.35 0.00	57.39 2.33 0.00	54.68 2.32 0.00	52.72 2.20 0.00	51.24 2.20 0.00	53.77 2.25 0.00	60.24 2.27 0.00	87.78 2.97 0.00	75.69 2.42 0.00	45.64 1.42 0.00
INDIAN POINT___2 23530	51.64 0.93 0.00	55.58 0.97 0.00	57.03 0.98 0.00	56.08 1.02 0.00	60.58 1.16 0.00	57.11 1.20 0.00	55.89 1.40 0.00	74.50 2.21 0.00	75.11 2.43 0.00	59.30 1.82 0.00	63.67 2.17 0.00	53.35 1.85 0.00	72.76 2.55 0.00	60.66 2.21 0.00	58.28 2.14 0.00	57.17 2.11 0.00	54.47 2.11 0.00	52.54 2.01 0.00	51.06 2.03 0.00	53.58 2.06 0.00	60.01 2.05 0.00	87.48 2.66 0.00	75.44 2.16 0.00	45.53 1.30 0.00
INDIAN POINT___3 23531	51.93 1.22 0.00	55.90 1.29 0.00	57.33 1.27 0.00	56.35 1.29 0.00	60.86 1.43 0.00	57.37 1.46 0.00	56.11 1.62 0.00	74.79 2.50 0.00	75.45 2.78 0.00	59.59 2.12 0.00	63.94 2.44 0.00	53.59 2.10 0.00	73.06 2.85 0.00	60.92 2.47 0.00	58.56 2.42 0.00	57.45 2.39 0.00	54.73 2.37 0.00	52.78 2.25 0.00	51.28 2.24 0.00	53.83 2.31 0.00	60.29 2.33 0.00	87.87 3.05 0.00	75.76 2.48 0.00	45.67 1.44 0.00
INGHAM_C_115KV_TB7 356103	49.62 -1.08 0.00	53.39 -1.21 0.00	54.91 -1.14 0.00	53.94 -1.13 0.00	58.26 -1.17 0.00	54.84 -1.07 0.00	53.65 -0.83 0.00	71.67 -0.63 0.00	72.58 -0.10 0.00	57.05 -0.42 0.00	60.82 -0.68 0.00	50.58 -0.91 0.00	68.96 -1.25 0.00	57.25 -1.20 0.00	55.05 -1.10 0.00	54.61 -0.46 0.00	52.32 -0.04 0.00	50.39 -0.13 0.00	49.20 0.16 0.00	51.81 0.29 0.00	57.94 -0.01 0.00	84.45 -0.37 0.00	72.50 -0.78 0.00	43.65 -0.57 0.00
IP CORINTH___1 23988	52.93 2.22 0.00	57.09 2.48 0.00	58.59 2.54 0.00	57.51 2.45 0.00	62.03 2.61 0.00	58.38 2.47 0.00	57.06 2.58 0.00	75.95 3.66 0.00	76.38 3.70 0.00	60.14 2.66 0.00	64.20 2.70 0.00	53.55 2.06 0.00	72.97 2.76 0.00	60.82 2.36 0.00	58.54 2.39 0.00	57.60 2.54 0.00	54.94 2.57 0.00	53.16 2.63 0.00	51.70 2.66 0.00	54.37 2.85 0.00	60.96 3.00 0.00	88.96 4.15 0.00	76.48 3.20 0.00	46.17 1.94 0.00

IP__TICONDEROGA 23804	54.42 3.71 0.00	59.05 4.44 0.00	60.50 4.44 0.00	59.42 4.36 0.00	63.99 4.56 0.00	60.52 4.61 0.00	59.07 4.58 0.00	78.75 6.46 0.00	78.77 6.09 0.00	61.45 3.98 0.00	65.43 3.93 0.00	54.52 3.02 0.00	74.59 4.38 0.00	61.85 3.40 0.00	59.60 3.45 0.00	58.90 3.83 0.00	56.38 4.02 0.00	55.13 4.60 0.00	53.71 4.67 0.00	56.58 5.06 0.00	63.38 5.43 0.00	92.75 7.93 0.00	79.21 5.93 0.00	47.96 3.73 0.00
ISLIP_RES_REC 323679	51.44 0.72 0.00	55.37 0.77 0.00	56.69 0.63 0.00	55.71 0.65 0.00	60.04 0.61 0.00	55.64 0.35 0.63	55.61 1.12 0.00	73.80 1.51 0.01	74.71 2.04 0.00	59.70 2.23 0.00	63.23 1.74 0.00	53.16 1.67 0.00	71.98 1.83 0.06	59.94 2.26 0.77	58.04 2.19 0.29	56.89 2.02 0.19	54.32 1.96 0.00	52.19 1.67 0.00	50.88 1.85 0.00	51.05 2.01 2.48	49.88 1.77 9.85	86.77 1.97 0.01	75.34 2.06 0.00	45.30 1.08 0.00
JAMAICA__27_KV_LOAD 355505	52.64 1.93 0.00	56.66 2.06 0.00	57.84 1.79 0.00	56.59 1.54 0.00	61.15 1.72 0.00	57.70 1.79 0.00	56.54 2.05 0.00	75.53 3.24 0.00	76.63 3.95 0.00	60.64 3.17 0.00	65.04 3.54 0.00	54.56 3.06 0.00	74.44 4.23 0.00	62.08 3.62 0.00	59.66 3.52 0.00	58.49 3.43 0.00	55.82 3.46 0.00	53.72 3.19 0.00	52.10 3.06 0.00	54.74 3.22 0.00	61.25 3.30 0.00	89.13 4.31 0.00	76.69 3.41 0.00	46.29 2.06 0.00
JANIS__SOLAR 323808	53.18 2.48 0.00	57.18 2.58 0.00	58.69 2.63 0.00	57.70 2.64 0.00	62.19 2.77 0.00	58.62 2.71 0.00	57.17 2.68 0.00	75.75 3.45 0.00	75.90 3.22 0.00	59.45 1.98 0.00	63.76 2.26 0.00	53.43 1.93 0.00	72.99 2.78 0.00	60.62 2.17 0.00	57.79 1.65 0.00	56.60 1.54 0.00	53.94 1.58 0.00	52.34 1.81 0.00	51.09 2.05 0.00	53.88 2.37 0.00	60.80 2.84 0.00	88.32 3.50 0.00	76.10 2.82 0.00	45.79 1.57 0.00
JARVIS____ 23743	50.71 0.00 0.00	54.61 0.00 0.00	56.06 0.00 0.00	55.06 0.00 0.00	59.43 0.00 0.00	55.91 0.00 0.00	54.54 0.05 0.00	72.44 0.15 0.00	72.90 0.22 0.00	57.59 0.11 0.00	61.61 0.11 0.00	51.56 0.07 0.00	70.32 0.11 0.00	58.57 0.11 0.00	56.22 0.08 0.00	55.17 0.11 0.00	52.51 0.14 0.00	50.63 0.10 0.00	49.16 0.12 0.00	51.67 0.15 0.00	58.07 0.11 0.00	84.90 0.09 0.00	73.32 0.04 0.00	44.22 0.00 0.00
JENNISON__1 23625	52.95 2.23 0.00	56.74 2.13 0.00	58.44 2.38 0.00	57.39 2.33 0.00	61.75 2.32 0.00	58.31 2.40 0.00	56.80 2.32 0.00	75.28 2.99 0.00	75.59 2.91 0.00	59.41 1.94 0.00	63.80 2.30 0.00	53.50 2.01 0.00	73.20 2.99 0.00	60.71 2.26 0.00	57.95 1.81 0.00	56.69 1.63 0.00	54.09 1.73 0.00	52.26 1.73 0.00	50.69 1.65 0.00	53.33 1.81 0.00	60.24 2.28 0.00	87.57 2.75 0.00	75.43 2.15 0.00	45.51 1.29 0.00
JENNISON__2 23626	52.95 2.23 0.00	56.74 2.13 0.00	58.44 2.38 0.00	57.39 2.33 0.00	61.75 2.32 0.00	58.31 2.40 0.00	56.80 2.32 0.00	75.28 2.99 0.00	75.59 2.91 0.00	59.41 1.94 0.00	63.80 2.30 0.00	53.50 2.01 0.00	73.20 2.99 0.00	60.71 2.26 0.00	57.95 1.81 0.00	56.69 1.63 0.00	54.09 1.73 0.00	52.26 1.73 0.00	50.69 1.65 0.00	53.33 1.81 0.00	60.24 2.28 0.00	87.57 2.75 0.00	75.43 2.15 0.00	45.51 1.29 0.00
JERICHO_RISE_WT_PWR 323719	51.41 0.70 0.00	55.09 0.48 0.00	56.52 0.47 0.00	55.37 0.31 0.00	59.85 0.42 0.00	56.32 0.41 0.00	54.87 0.38 0.00	72.60 0.30 0.00	73.19 0.51 0.00	58.13 0.66 0.00	62.00 0.50 0.00	51.92 0.42 0.00	70.76 0.55 0.00	58.94 0.48 0.00	56.61 0.47 0.00	55.51 0.45 0.00	52.88 0.52 0.00	51.24 0.71 0.00	49.73 0.69 0.00	52.34 0.82 0.00	58.96 1.00 0.00	86.33 1.51 0.00	74.74 1.46 0.00	45.29 1.07 0.00
KATONAH__115KV_46KV_TB4 355592	52.37 1.66 0.00	56.35 1.74 0.00	57.82 1.76 0.00	56.82 1.75 0.00	61.34 1.91 0.00	57.83 1.92 0.00	56.56 2.07 0.00	75.39 3.10 0.00	76.13 3.45 0.00	60.17 2.70 0.00	64.53 3.03 0.00	54.09 2.60 0.00	73.75 3.54 0.00	61.49 3.04 0.00	59.09 2.94 0.00	57.99 2.93 0.00	55.25 2.89 0.00	53.24 2.71 0.00	51.72 2.68 0.00	54.31 2.79 0.00	60.85 2.89 0.00	88.62 3.81 0.00	76.39 3.11 0.00	46.05 1.83 0.00
KCE_NY_1 323755	52.44 1.73 0.00	56.52 1.91 0.00	58.05 1.99 0.00	56.95 1.89 0.00	61.43 2.01 0.00	57.86 1.95 0.00	56.56 2.08 0.00	75.39 3.09 0.00	75.73 3.06 0.00	59.66 2.18 0.00	63.77 2.27 0.00	53.20 1.71 0.00	72.52 2.31 0.00	60.40 1.94 0.00	58.18 2.03 0.00	57.21 2.14 0.00	54.55 2.18 0.00	52.57 2.04 0.00	51.15 2.11 0.00	53.87 2.35 0.00	60.33 2.37 0.00	88.18 3.36 0.00	75.92 2.64 0.00	45.80 1.58 0.00
KCE_NY_6_ESR 323823	50.58 -0.14 0.00	54.78 0.17 0.00	55.93 -0.12 0.00	55.17 0.11 0.00	59.05 -0.37 0.00	55.49 -0.43 0.00	53.84 -0.65 0.00	70.25 -2.04 0.00	70.15 -2.53 0.00	55.17 -2.31 0.00	59.07 -2.43 0.00	49.74 -1.75 0.00	67.96 -2.25 0.00	56.24 -2.22 0.00	53.48 -2.67 0.00	52.20 -2.86 0.00	48.97 -3.40 0.00	46.63 -3.90 0.00	45.47 -3.57 0.00	48.21 -3.31 0.00	54.73 -3.22 0.00	79.79 -5.02 0.00	70.01 -3.27 0.00	42.10 -2.13 0.00
KEDC_PORT_JEFF_GT2 24210	51.21 0.50 0.00	55.15 0.55 0.00	56.47 0.41 0.00	55.50 0.43 0.00	59.80 0.37 0.00	55.38 0.11 0.64	55.34 0.85 0.00	73.45 1.16 0.01	74.36 1.68 0.00	59.38 1.91 0.00	62.92 1.42 0.00	52.89 1.40 0.00	71.65 1.49 0.06	59.61 1.97 0.81	57.76 1.93 0.31	56.63 1.77 0.20	54.06 1.70 0.00	51.96 1.44 0.00	50.65 1.62 0.00	50.75 1.75 2.53	49.46 1.48 9.98	86.35 1.54 0.01	74.99 1.71 0.00	45.09 0.86 0.00
KEDC_PORT_JEFF_GT3 24211	51.21 0.50 0.00	55.15 0.55 0.00	56.47 0.41 0.00	55.50 0.43 0.00	59.80 0.37 0.00	55.38 0.11 0.64	55.34 0.85 0.00	73.45 1.16 0.01	74.36 1.68 0.00	59.38 1.91 0.00	62.92 1.42 0.00	52.89 1.40 0.00	71.65 1.49 0.06	59.61 1.97 0.81	57.76 1.93 0.31	56.63 1.77 0.20	54.06 1.70 0.00	51.96 1.44 0.00	50.65 1.62 0.00	50.75 1.75 2.53	49.46 1.48 9.98	86.35 1.54 0.01	74.99 1.71 0.00	45.09 0.86 0.00
KEDC_GLWD_GT4 24219	52.31 1.60 0.00	56.31 1.70 -0.01	57.74 1.68 -0.01	56.73 1.67 0.00	61.20 1.78 0.00	57.34 1.63 0.20	56.31 1.82 0.00	74.91 2.62 0.00	75.57 2.89 0.00	60.04 2.56 0.00	64.07 2.56 -0.01	53.78 2.28 -0.01	73.23 3.03 0.00	62.60 3.10 -1.04	59.64 3.02 -0.48	58.16 2.92 -0.18	55.14 2.77 -0.01	52.93 2.39 -0.01	51.46 2.41 -0.01	54.30 2.58 -0.20	58.98 2.52 1.50	87.99 3.17 0.00	76.20 2.92 0.00	45.90 1.67 0.00
KEDC_GLWD_GT5 24220	52.31 1.60 0.00	56.31 1.70 -0.01	57.74 1.68 -0.01	56.73 1.67 0.00	61.20 1.78 0.00	57.34 1.63 0.20	56.31 1.82 0.00	74.91 2.62 0.00	75.57 2.89 0.00	60.04 2.56 0.00	64.07 2.56 -0.01	53.78 2.28 -0.01	73.23 3.03 0.00	62.60 3.10 -1.04	59.64 3.02 -0.48	58.16 2.92 -0.18	55.14 2.77 -0.01	52.93 2.39 -0.01	51.46 2.41 -0.01	54.30 2.58 -0.20	58.98 2.52 1.50	87.99 3.17 0.00	76.20 2.92 0.00	45.90 1.67 0.00

KENSICO____ 23655	52.26 1.55 0.00	56.23 1.62 0.00	57.66 1.61 0.00	56.67 1.61 0.00	61.19 1.76 0.00	57.67 1.75 0.00	56.38 1.90 0.00	75.14 2.85 0.00	75.89 3.21 0.00	59.96 2.49 0.00	64.29 2.78 0.00	53.89 2.40 0.00	73.48 3.27 0.00	61.27 2.82 0.00	58.92 2.77 0.00	57.80 2.73 0.00	55.08 2.72 0.00	53.07 2.54 0.00	51.55 2.51 0.00	54.13 2.61 0.00	60.64 2.68 0.00	88.36 3.54 0.00	76.18 2.90 0.00	45.93 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	52.71 2.00 0.00	56.70 2.09 0.00	58.18 2.12 0.00	57.17 2.11 0.00	61.75 2.33 0.00	58.27 2.36 0.00	57.01 2.52 0.00	75.99 3.70 0.00	76.73 4.05 0.00	60.62 3.14 0.00	65.07 3.57 0.00	54.55 3.06 0.00	74.48 4.27 0.00	62.06 3.60 0.00	59.59 3.44 0.00	58.45 3.39 0.00	55.63 3.27 0.00	53.64 3.11 0.00	52.12 3.08 0.00	54.75 3.23 0.00	61.37 3.41 0.00	89.41 4.59 0.00	77.01 3.74 0.00	46.37 2.14 0.00
KIAC_JFK_GT1 23816	52.28 1.57 0.00	56.31 1.71 0.00	57.50 1.44 0.00	56.27 1.21 0.00	60.79 1.36 0.00	57.35 1.44 0.00	56.15 1.66 0.00	75.00 2.71 0.00	76.23 3.55 0.00	60.42 2.94 0.00	64.78 3.28 0.00	54.31 2.82 0.00	74.09 3.88 0.00	61.68 3.22 0.00	59.25 3.10 0.00	58.10 3.04 0.00	55.43 3.06 0.00	53.34 2.81 0.00	51.73 2.70 0.00	54.35 2.82 0.00	60.81 2.85 0.00	88.44 3.62 0.00	75.93 2.65 0.00	45.84 1.62 0.00
KIAC_JFK_GT2 23817	52.28 1.57 0.00	56.31 1.71 0.00	57.50 1.44 0.00	56.27 1.21 0.00	60.79 1.36 0.00	57.35 1.44 0.00	56.15 1.66 0.00	75.00 2.71 0.00	76.23 3.55 0.00	60.42 2.94 0.00	64.78 3.28 0.00	54.31 2.82 0.00	74.09 3.88 0.00	61.68 3.22 0.00	59.25 3.10 0.00	58.10 3.04 0.00	55.43 3.06 0.00	53.34 2.81 0.00	51.73 2.70 0.00	54.35 2.82 0.00	60.81 2.85 0.00	88.44 3.62 0.00	75.93 2.65 0.00	45.84 1.62 0.00
KIAC_JFK____ 323774	52.28 1.57 0.00	56.31 1.70 0.00	57.50 1.44 0.00	56.27 1.21 0.00	60.79 1.37 0.00	57.34 1.43 0.00	56.15 1.66 0.00	75.00 2.71 0.00	76.23 3.55 0.00	60.41 2.94 0.00	64.77 3.28 0.00	54.31 2.82 0.00	74.09 3.88 0.00	61.67 3.22 0.00	59.25 3.10 0.00	58.09 3.03 0.00	55.43 3.06 0.00	53.34 2.81 0.00	51.73 2.69 0.00	54.35 2.83 0.00	60.81 2.85 0.00	88.44 3.62 0.00	75.93 2.65 0.00	45.84 1.62 0.00
KINTIGH____ 23543	49.73 -0.98 0.00	53.84 -0.77 0.00	55.09 -0.96 0.00	54.26 -0.80 0.00	58.21 -1.21 0.00	54.73 -1.18 0.00	53.11 -1.38 0.00	69.42 -2.87 0.00	69.50 -3.18 0.00	54.73 -2.74 0.00	58.53 -2.97 0.00	49.18 -2.31 0.00	67.24 -2.97 0.00	55.75 -2.70 0.00	53.17 -2.97 0.00	51.98 -3.09 0.00	48.88 -3.48 0.00	46.71 -3.82 0.00	45.51 -3.53 0.00	48.18 -3.34 0.00	54.71 -3.25 0.00	79.72 -5.10 0.00	69.70 -3.58 0.00	41.93 -2.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	52.06 1.35 0.00	55.77 1.17 0.00	57.20 1.15 0.00	56.04 0.98 0.00	60.55 1.13 0.00	57.01 1.10 0.00	55.59 1.10 0.00	73.50 1.21 0.00	74.11 1.44 0.00	58.77 1.29 0.00	62.83 1.33 0.00	52.53 1.04 0.00	71.64 1.43 0.00	59.68 1.23 0.00	57.31 1.17 0.00	56.26 1.21 0.00	53.58 1.22 0.00	51.89 1.36 0.00	50.41 1.37 0.00	53.09 1.57 0.00	59.75 1.79 0.00	87.34 2.52 0.00	75.56 2.28 0.00	45.82 1.60 0.00
LACHUTE__HYDRO 323717	54.42 3.71 0.00	59.05 4.44 0.00	60.50 4.44 0.00	59.42 4.36 0.00	63.99 4.56 0.00	60.52 4.61 0.00	59.07 4.58 0.00	78.76 6.46 0.00	78.77 6.09 0.00	61.45 3.98 0.00	65.43 3.93 0.00	54.52 3.02 0.00	74.59 4.38 0.00	61.85 3.39 0.00	59.60 3.45 0.00	58.90 3.83 0.00	56.38 4.02 0.00	55.13 4.60 0.00	53.71 4.67 0.00	56.58 5.06 0.00	63.38 5.42 0.00	92.75 7.93 0.00	79.21 5.93 0.00	47.96 3.73 0.00
LAWRNCV_115KV_TB1 80681	50.64 -0.07 0.00	54.52 -0.08 0.00	55.94 -0.12 0.00	54.97 -0.09 0.00	59.36 -0.06 0.00	55.76 -0.15 0.00	54.15 -0.33 0.00	71.13 -1.17 0.00	71.53 -1.15 0.00	57.11 -0.36 0.00	60.94 -0.56 0.00	50.90 -0.59 0.00	68.78 -1.43 0.00	57.29 -1.17 0.00	55.45 -0.70 0.00	54.35 -0.71 0.00	51.71 -0.65 0.00	50.30 -0.23 0.00	48.54 -0.50 0.00	51.41 -0.11 0.00	58.02 0.07 0.00	84.76 -0.06 0.00	73.22 -0.05 0.00	44.56 0.33 0.00
LEDERLE____ 23769	52.02 1.31 0.00	56.01 1.40 0.00	57.43 1.38 0.00	56.48 1.42 0.00	61.02 1.59 0.00	57.53 1.62 0.00	56.32 1.83 0.00	75.08 2.78 0.00	75.68 3.01 0.00	59.77 2.29 0.00	64.19 2.68 0.00	53.79 2.30 0.00	73.34 3.13 0.00	61.15 2.70 0.00	58.74 2.60 0.00	57.63 2.56 0.00	54.92 2.55 0.00	52.97 2.44 0.00	51.48 2.43 0.00	54.02 2.50 0.00	60.50 2.54 0.00	88.18 3.36 0.00	76.03 2.75 0.00	45.80 1.58 0.00
LIGHTHSE_115KV_TB6 355974	50.63 -0.08 0.00	54.51 -0.10 0.00	55.90 -0.16 0.00	54.95 -0.10 0.00	59.30 -0.13 0.00	55.73 -0.18 0.00	54.22 -0.26 0.00	71.92 -0.37 0.00	72.33 -0.35 0.00	57.20 -0.28 0.00	60.98 -0.53 0.00	51.00 -0.49 0.00	69.39 -0.82 0.00	57.48 -0.98 0.00	54.93 -1.22 0.00	53.92 -1.14 0.00	51.37 -1.00 0.00	49.69 -0.84 0.00	48.27 -0.77 0.00	50.94 -0.58 0.00	57.50 -0.45 0.00	84.13 -0.69 0.00	72.72 -0.56 0.00	43.78 -0.44 0.00
LINDEN COGEN____ 23786	52.25 1.54 0.00	56.22 1.61 0.00	57.61 1.56 0.00	56.63 1.57 0.00	61.14 1.71 0.00	57.65 1.73 0.00	56.37 1.88 0.00	75.18 2.89 0.00	76.01 3.33 0.00	60.05 2.57 0.00	64.35 2.85 0.00	53.96 2.47 0.00	73.61 3.40 0.00	61.41 2.96 0.00	59.07 2.93 0.00	57.93 2.86 0.00	55.21 2.85 0.00	53.20 2.67 0.00	51.67 2.63 0.00	54.25 2.73 0.00	60.73 2.77 0.00	88.41 3.60 0.00	76.22 2.94 0.00	45.96 1.74 0.00
LINDHRST_69_KV_BK1 356055	52.10 1.39 0.00	56.11 1.50 0.00	57.44 1.39 0.00	56.43 1.37 0.00	60.78 1.36 0.00	56.41 1.04 0.54	55.85 1.36 0.00	74.12 1.83 0.01	75.10 2.42 0.00	59.90 2.43 0.00	63.77 2.27 0.00	53.60 2.11 0.00	72.72 2.56 0.05	61.06 2.82 0.22	58.81 2.72 0.06	57.55 2.57 0.09	54.79 2.43 0.00	52.71 2.19 0.00	51.32 2.28 0.00	52.22 2.50 1.80	52.34 2.32 7.94	87.53 2.72 0.01	75.80 2.52 0.00	45.62 1.39 0.00
LIPA_MISC_IPP 23656	50.71 0.00 0.00	54.59 -0.01 0.00	55.88 -0.18 0.00	54.92 -0.14 0.00	59.18 -0.24 0.00	54.84 -0.43 0.64	55.13 0.64 0.00	73.17 0.88 0.01	73.95 1.27 0.00	59.06 1.59 0.00	62.33 0.84 0.00	52.42 0.93 0.00	70.97 0.81 0.06	59.00 1.38 0.83	57.19 1.37 0.32	56.08 1.22 0.20	53.55 1.19 0.00	51.46 0.94 0.00	50.15 1.11 0.00	50.23 1.26 2.55	48.82 0.91 10.05	85.57 0.77 0.01	74.58 1.30 0.00	44.86 0.64 0.00
LISF__SOLAR 323691	50.78 0.07 0.00	54.65 0.05 0.00	55.96 -0.09 0.00	54.99 -0.07 0.00	59.26 -0.17 0.00	54.92 -0.36 0.64	55.23 0.74 0.00	73.29 1.00 0.01	74.08 1.41 0.00	59.17 1.69 0.00	62.43 0.93 0.00	52.50 1.00 0.00	71.06 0.91 0.06	59.10 1.47 0.82	57.29 1.47 0.32	56.16 1.30 0.20	53.64 1.28 0.00	51.52 1.00 0.00	50.23 1.19 0.00	50.31 1.34 2.54	48.94 1.01 10.03	85.69 0.89 0.01	74.72 1.44 0.00	44.95 0.72 0.00

LITTLE FALLS___HYD 24013	49.62 -1.08 0.00	53.39 -1.21 0.00	54.91 -1.14 0.00	53.94 -1.13 0.00	58.26 -1.17 0.00	54.84 -1.07 0.00	53.65 -0.83 0.00	71.67 -0.63 0.00	72.58 -0.10 0.00	57.05 -0.42 0.00	60.82 -0.68 0.00	50.58 -0.91 0.00	68.96 -1.25 0.00	57.25 -1.20 0.00	55.05 -1.10 0.00	54.61 -0.46 0.00	52.32 -0.04 0.00	50.39 -0.13 0.00	49.20 0.16 0.00	51.81 0.29 0.00	57.94 -0.01 0.00	84.45 -0.37 0.00	72.50 -0.78 0.00	43.65 -0.57 0.00
LITTLRIV_115KV_TB1 356100	51.32 0.61 0.00	55.28 0.67 0.00	56.69 0.64 0.00	55.71 0.65 0.00	60.19 0.77 0.00	56.53 0.62 0.00	54.94 0.46 0.00	72.16 -0.13 0.00	72.48 -0.20 0.00	57.67 0.19 0.00	61.41 -0.09 0.00	51.13 -0.36 0.00	69.13 -1.08 0.00	57.58 -0.88 0.00	55.71 -0.43 0.00	54.66 -0.40 0.00	52.10 -0.27 0.00	50.86 0.33 0.00	49.18 0.14 0.00	52.14 0.62 0.00	58.89 0.94 0.00	86.08 1.27 0.00	74.32 1.04 0.00	45.20 0.97 0.00
LI_NEWBRDGE___DRP 323616	51.57 0.86 0.00	55.56 0.96 0.01	56.94 0.89 0.01	55.96 0.89 0.00	60.30 0.87 0.00	55.89 0.67 0.69	55.43 0.94 0.00	73.61 1.33 0.01	74.54 1.86 0.00	59.31 1.83 0.00	63.26 1.77 0.01	53.14 1.65 0.01	72.12 1.98 0.07	59.56 2.32 1.22	57.92 2.27 0.49	56.92 2.14 0.28	54.33 1.98 0.01	52.27 1.76 0.01	50.88 1.85 0.01	50.56 2.04 3.00	48.47 1.78 11.27	86.82 2.02 0.02	75.08 1.80 0.00	45.19 0.96 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.25 -1.46 0.00	53.35 -1.26 0.00	54.54 -1.51 0.00	53.76 -1.30 0.00	57.54 -1.89 0.00	54.03 -1.88 0.00	52.39 -2.10 0.00	68.12 -4.18 0.00	68.06 -4.61 0.00	53.59 -3.89 0.00	57.25 -4.26 0.00	48.19 -3.31 0.00	65.77 -4.43 0.00	54.43 -4.02 0.00	51.75 -4.40 0.00	50.50 -4.56 0.00	47.22 -5.15 0.00	45.01 -5.52 0.00	44.01 -5.03 0.00	46.76 -4.76 0.00	53.28 -4.67 0.00	77.56 -7.26 0.00	68.32 -4.96 0.00	41.05 -3.18 0.00
LOCKPORT___CC1 323769	49.24 -1.47 0.00	53.34 -1.26 0.00	54.53 -1.52 0.00	53.75 -1.31 0.00	57.51 -1.92 0.00	54.02 -1.89 0.00	52.36 -2.13 0.00	68.12 -4.17 0.00	68.01 -4.67 0.00	53.57 -3.90 0.00	57.22 -4.28 0.00	48.14 -3.35 0.00	65.75 -4.46 0.00	54.41 -4.05 0.00	51.74 -4.41 0.00	50.50 -4.56 0.00	47.22 -5.15 0.00	45.00 -5.53 0.00	43.97 -5.07 0.00	46.73 -4.79 0.00	53.28 -4.67 0.00	77.59 -7.23 0.00	68.31 -4.96 0.00	41.05 -3.18 0.00
LOCKPORT___CC2 323770	49.24 -1.47 0.00	53.34 -1.26 0.00	54.53 -1.52 0.00	53.75 -1.31 0.00	57.51 -1.92 0.00	54.02 -1.89 0.00	52.36 -2.13 0.00	68.12 -4.17 0.00	68.01 -4.67 0.00	53.57 -3.90 0.00	57.22 -4.28 0.00	48.14 -3.35 0.00	65.75 -4.46 0.00	54.41 -4.05 0.00	51.74 -4.41 0.00	50.50 -4.56 0.00	47.22 -5.15 0.00	45.00 -5.53 0.00	43.97 -5.07 0.00	46.73 -4.79 0.00	53.28 -4.67 0.00	77.59 -7.23 0.00	68.31 -4.96 0.00	41.05 -3.18 0.00
LOCKPORT___CC3 323771	49.24 -1.47 0.00	53.34 -1.26 0.00	54.53 -1.52 0.00	53.75 -1.31 0.00	57.51 -1.92 0.00	54.02 -1.89 0.00	52.36 -2.13 0.00	68.12 -4.17 0.00	68.01 -4.67 0.00	53.57 -3.90 0.00	57.22 -4.28 0.00	48.14 -3.35 0.00	65.75 -4.46 0.00	54.41 -4.05 0.00	51.74 -4.41 0.00	50.50 -4.56 0.00	47.22 -5.15 0.00	45.00 -5.53 0.00	43.97 -5.07 0.00	46.73 -4.79 0.00	53.28 -4.67 0.00	77.59 -7.23 0.00	68.31 -4.96 0.00	41.05 -3.18 0.00
LONG_LAKE_PHOENIX 24014	50.03 -0.68 0.00	53.86 -0.74 0.00	55.28 -0.77 0.00	54.34 -0.72 0.00	58.61 -0.81 0.00	55.17 -0.74 0.00	53.75 -0.74 0.00	71.26 -1.03 0.00	71.64 -1.04 0.00	56.52 -0.96 0.00	60.47 -1.03 0.00	50.64 -0.85 0.00	69.10 -1.11 0.00	57.35 -1.11 0.00	54.97 -1.18 0.00	53.93 -1.13 0.00	51.29 -1.07 0.00	49.47 -1.06 0.00	48.05 -0.99 0.00	50.57 -0.95 0.00	56.95 -1.01 0.00	83.14 -1.68 0.00	71.86 -1.42 0.00	43.29 -0.94 0.00
LOVETT___3 23632	51.80 1.09 0.00	55.76 1.15 0.00	57.20 1.15 0.00	56.23 1.17 0.00	60.74 1.31 0.00	57.26 1.35 0.00	56.03 1.55 0.00	74.68 2.39 0.00	75.30 2.63 0.00	59.47 2.00 0.00	63.82 2.32 0.00	53.49 2.00 0.00	72.95 2.74 0.00	60.82 2.36 0.00	58.45 2.31 0.00	57.34 2.28 0.00	54.63 2.26 0.00	52.68 2.15 0.00	51.19 2.16 0.00	53.72 2.20 0.00	60.18 2.22 0.00	87.70 2.88 0.00	75.63 2.35 0.00	45.58 1.35 0.00
LOVETT___4 23642	51.80 1.09 0.00	55.76 1.15 0.00	57.20 1.15 0.00	56.23 1.17 0.00	60.74 1.31 0.00	57.26 1.35 0.00	56.03 1.55 0.00	74.68 2.39 0.00	75.30 2.63 0.00	59.47 2.00 0.00	63.82 2.32 0.00	53.49 2.00 0.00	72.95 2.74 0.00	60.82 2.36 0.00	58.45 2.31 0.00	57.34 2.28 0.00	54.63 2.26 0.00	52.68 2.15 0.00	51.19 2.16 0.00	53.72 2.20 0.00	60.18 2.22 0.00	87.70 2.88 0.00	75.63 2.35 0.00	45.58 1.35 0.00
LOVETT___5 23593	51.80 1.09 0.00	55.76 1.15 0.00	57.20 1.15 0.00	56.23 1.17 0.00	60.74 1.31 0.00	57.26 1.35 0.00	56.03 1.55 0.00	74.68 2.39 0.00	75.30 2.63 0.00	59.47 2.00 0.00	63.82 2.32 0.00	53.49 2.00 0.00	72.95 2.74 0.00	60.82 2.36 0.00	58.45 2.31 0.00	57.34 2.28 0.00	54.63 2.26 0.00	52.68 2.15 0.00	51.19 2.16 0.00	53.72 2.20 0.00	60.18 2.22 0.00	87.70 2.88 0.00	75.63 2.35 0.00	45.58 1.35 0.00
LOWER RAQUET___HYD 24057	50.42 -0.29 0.00	54.29 -0.31 0.00	55.69 -0.37 0.00	54.72 -0.34 0.00	59.13 -0.30 0.00	55.52 -0.40 0.00	53.93 -0.55 0.00	70.84 -1.45 0.00	71.26 -1.42 0.00	56.86 -0.61 0.00	60.65 -0.85 0.00	50.62 -0.87 0.00	68.40 -1.81 0.00	56.97 -1.48 0.00	55.12 -1.03 0.00	54.05 -1.01 0.00	51.44 -0.92 0.00	50.07 -0.46 0.00	48.34 -0.70 0.00	51.21 -0.31 0.00	57.80 -0.15 0.00	84.47 -0.35 0.00	72.94 -0.34 0.00	44.38 0.16 0.00
LOWER___HUDSON 24059	51.51 0.80 0.00	55.45 0.84 0.00	56.94 0.88 0.00	55.88 0.82 0.00	60.33 0.91 0.00	56.79 0.88 0.00	55.45 0.96 0.00	73.81 1.52 0.00	74.26 1.58 0.00	58.54 1.07 0.00	62.64 1.14 0.00	52.31 0.81 0.00	71.32 1.11 0.00	59.50 1.04 0.00	57.21 1.07 0.00	56.26 1.20 0.00	53.58 1.21 0.00	51.64 1.12 0.00	50.18 1.14 0.00	52.72 1.20 0.00	59.17 1.21 0.00	86.40 1.59 0.00	74.54 1.26 0.00	45.02 0.79 0.00
LOWVILLE_115KV_TB2 356335	51.95 1.24 0.00	55.91 1.31 0.00	57.32 1.26 0.00	56.33 1.28 0.00	60.85 1.43 0.00	57.27 1.36 0.00	55.70 1.21 0.00	73.89 1.60 0.00	74.34 1.67 0.00	58.84 1.36 0.00	62.52 1.02 0.00	52.14 0.65 0.00	70.66 0.45 0.00	58.61 0.15 0.00	56.08 -0.06 0.00	55.20 0.14 0.00	52.59 0.23 0.00	51.02 0.49 0.00	49.48 0.44 0.00	52.34 0.82 0.00	59.17 1.21 0.00	86.77 1.95 0.00	74.89 1.61 0.00	45.10 0.87 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	52.44 1.73 0.00	56.51 1.91 0.00	58.02 1.96 0.00	56.96 1.90 0.00	61.45 2.02 0.00	57.87 1.95 0.00	56.54 2.05 0.00	75.27 2.98 0.00	75.71 3.03 0.00	59.65 2.17 0.00	63.75 2.25 0.00	53.20 1.71 0.00	72.51 2.30 0.00	60.44 1.98 0.00	58.15 2.01 0.00	57.19 2.13 0.00	54.51 2.15 0.00	52.59 2.07 0.00	51.14 2.10 0.00	53.79 2.27 0.00	60.33 2.37 0.00	88.10 3.28 0.00	75.89 2.62 0.00	45.79 1.57 0.00

LUTHERNY_35_KV_BK2 355980	52.44 1.73 0.00	56.52 1.91 0.00	58.05 1.99 0.00	56.95 1.89 0.00	61.43 2.00 0.00	57.86 1.95 0.00	56.56 2.08 0.00	75.39 3.10 0.00	75.73 3.06 0.00	59.66 2.18 0.00	63.77 2.27 0.00	53.20 1.71 0.00	72.52 2.31 0.00	60.40 1.94 0.00	58.18 2.03 0.00	57.21 2.14 0.00	54.55 2.18 0.00	52.57 2.04 0.00	51.15 2.11 0.00	53.87 2.35 0.00	60.33 2.37 0.00	88.18 3.36 0.00	75.93 2.65 0.00	45.81 1.58 0.00
LWR___OSWEGATCHIE_HYD 23850	50.93 0.22 0.00	54.83 0.23 0.00	56.22 0.17 0.00	55.26 0.20 0.00	59.71 0.29 0.00	56.13 0.23 0.00	54.49 0.00 0.00	71.94 -0.35 0.00	72.37 -0.30 0.00	57.49 0.01 0.00	61.13 -0.37 0.00	51.01 -0.48 0.00	68.99 -1.22 0.00	57.29 -1.17 0.00	55.13 -1.01 0.00	54.13 -0.94 0.00	51.56 -0.81 0.00	50.15 -0.38 0.00	48.53 -0.51 0.00	51.42 -0.10 0.00	58.11 0.15 0.00	85.16 0.34 0.00	73.43 0.15 0.00	44.44 0.21 0.00
LYONS_FALL_HYD 23570	51.88 1.17 0.00	55.82 1.21 0.00	57.24 1.18 0.00	56.25 1.19 0.00	60.73 1.31 0.00	57.18 1.27 0.00	55.68 1.19 0.00	73.91 1.61 0.00	74.38 1.70 0.00	58.82 1.35 0.00	62.68 1.18 0.00	52.32 0.82 0.00	71.07 0.86 0.00	59.05 0.60 0.00	56.59 0.45 0.00	55.60 0.54 0.00	52.97 0.61 0.00	51.27 0.75 0.00	49.76 0.72 0.00	52.51 0.99 0.00	59.24 1.28 0.00	86.74 1.93 0.00	74.86 1.58 0.00	45.08 0.85 0.00
MADISON___COUNTY_LFGE 323628	51.99 1.28 0.00	55.95 1.34 0.00	57.40 1.34 0.00	56.39 1.33 0.00	60.86 1.44 0.00	57.31 1.40 0.00	55.90 1.42 0.00	74.25 1.95 0.00	74.68 2.00 0.00	58.96 1.48 0.00	63.05 1.55 0.00	52.71 1.22 0.00	71.83 1.62 0.00	59.78 1.33 0.00	57.44 1.29 0.00	56.32 1.26 0.00	53.64 1.27 0.00	51.75 1.22 0.00	50.28 1.24 0.00	52.90 1.38 0.00	59.55 1.59 0.00	86.94 2.12 0.00	75.04 1.76 0.00	45.18 0.96 0.00
MALONE___115KV_TB1 356076	51.63 0.92 0.00	55.37 0.76 0.00	56.80 0.74 0.00	55.67 0.62 0.00	60.19 0.77 0.00	56.63 0.72 0.00	55.15 0.66 0.00	72.79 0.49 0.00	73.49 0.81 0.00	58.40 0.93 0.00	62.32 0.82 0.00	52.07 0.58 0.00	70.81 0.60 0.00	58.95 0.50 0.00	56.73 0.58 0.00	55.66 0.59 0.00	53.07 0.70 0.00	51.49 0.96 0.00	49.94 0.90 0.00	52.68 1.16 0.00	59.38 1.42 0.00	86.78 1.97 0.00	75.08 1.80 0.00	45.54 1.31 0.00
MAPLEWOD_115KV_TB3 80458	51.41 0.70 0.00	55.34 0.73 0.00	56.84 0.79 0.00	55.78 0.71 0.00	60.23 0.80 0.00	56.70 0.79 0.00	55.38 0.89 0.00	73.68 1.39 0.00	74.19 1.51 0.00	58.54 1.06 0.00	62.68 1.18 0.00	52.35 0.85 0.00	71.39 1.18 0.00	59.56 1.10 0.00	57.27 1.12 0.00	56.29 1.23 0.00	53.58 1.22 0.00	51.66 1.13 0.00	50.17 1.13 0.00	52.68 1.17 0.00	59.14 1.18 0.00	86.32 1.50 0.00	74.46 1.19 0.00	45.01 0.78 0.00
MAPLE_RIDGE_WT_1 323574	50.69 -0.02 0.00	54.60 -0.01 0.00	56.03 -0.03 0.00	55.06 0.00 0.00	59.41 -0.02 0.00	55.85 -0.07 0.00	54.32 -0.17 0.00	71.97 -0.32 0.00	72.45 -0.23 0.00	57.41 -0.06 0.00	61.39 -0.11 0.00	51.39 -0.10 0.00	70.00 -0.21 0.00	58.32 -0.14 0.00	56.02 -0.12 0.00	54.90 -0.16 0.00	52.18 -0.18 0.00	50.45 -0.07 0.00	48.93 -0.10 0.00	51.43 -0.09 0.00	57.93 -0.03 0.00	84.91 0.09 0.00	73.36 0.08 0.00	44.29 0.06 0.00
MAPLE_RIDGE_WT_2 323611	50.69 -0.02 0.00	54.60 -0.01 0.00	56.03 -0.03 0.00	55.06 0.00 0.00	59.41 -0.02 0.00	55.85 -0.07 0.00	54.32 -0.17 0.00	71.97 -0.32 0.00	72.45 -0.23 0.00	57.41 -0.06 0.00	61.39 -0.11 0.00	51.39 -0.10 0.00	70.00 -0.21 0.00	58.32 -0.14 0.00	56.02 -0.12 0.00	54.90 -0.16 0.00	52.18 -0.18 0.00	50.45 -0.07 0.00	48.93 -0.10 0.00	51.43 -0.09 0.00	57.93 -0.03 0.00	84.91 0.09 0.00	73.36 0.08 0.00	44.29 0.06 0.00
MARBLE_RIVER_WT_PWR 323696	51.47 0.76 0.00	55.13 0.52 0.00	56.59 0.53 0.00	55.46 0.40 0.00	59.95 0.52 0.00	56.40 0.49 0.00	54.97 0.48 0.00	72.72 0.42 0.00	73.27 0.59 0.00	58.16 0.68 0.00	62.08 0.58 0.00	51.98 0.49 0.00	70.87 0.66 0.00	59.04 0.58 0.00	56.67 0.53 0.00	55.61 0.55 0.00	52.95 0.58 0.00	51.28 0.75 0.00	49.77 0.73 0.00	52.39 0.87 0.00	59.02 1.06 0.00	86.38 1.57 0.00	74.76 1.48 0.00	45.30 1.08 0.00
MARSHVLE_115KV_TB1 80742	53.79 3.08 0.00	58.00 3.39 0.00	59.56 3.50 0.00	58.55 3.49 0.00	63.21 3.78 0.00	59.66 3.75 0.00	58.12 3.64 0.00	77.02 4.72 0.00	77.57 4.89 0.00	61.21 3.74 0.00	65.13 3.64 0.00	54.41 2.92 0.00	74.03 3.82 0.00	61.50 3.04 0.00	59.13 2.99 0.00	58.00 2.94 0.00	55.32 2.96 0.00	53.60 3.07 0.00	52.12 3.07 0.00	55.00 3.48 0.00	61.99 4.03 0.00	90.57 5.75 0.00	78.19 4.91 0.00	47.05 2.82 0.00
MARSH_HILL_WT_PWR 323713	51.54 0.83 0.00	55.60 1.00 0.00	56.88 0.82 0.00	55.97 0.91 0.00	60.13 0.70 0.00	56.51 0.60 0.00	55.15 0.66 0.00	72.56 0.27 0.00	72.20 -0.47 0.00	56.62 -0.86 0.00	60.22 -1.28 0.00	50.32 -1.17 0.00	68.86 -1.35 0.00	56.93 -1.52 0.00	54.24 -1.91 0.00	53.10 -1.96 0.00	49.95 -2.41 0.00	47.75 -2.78 0.00	46.64 -2.40 0.00	49.65 -1.87 0.00	56.56 -1.40 0.00	82.79 -2.03 0.00	72.25 -1.03 0.00	43.39 -0.83 0.00
MCINTYRE_115KV_TB2 80467	51.84 1.13 0.00	55.84 1.23 0.00	57.25 1.20 0.00	56.28 1.22 0.00	60.81 1.38 0.00	57.08 1.17 0.00	55.48 0.99 0.00	72.87 0.57 0.00	73.11 0.43 0.00	58.03 0.56 0.00	61.86 0.36 0.00	51.50 0.00 0.00	69.64 -0.56 0.00	58.01 -0.44 0.00	56.16 0.02 0.00	55.08 0.02 0.00	52.48 0.11 0.00	51.28 0.75 0.00	49.65 0.61 0.00	52.63 1.11 0.00	59.50 1.54 0.00	86.99 2.17 0.00	75.11 1.83 0.00	45.66 1.44 0.00
MECO_____69_KV_BK1 80468	53.92 3.21 0.00	58.08 3.47 0.00	59.62 3.57 0.00	58.58 3.52 0.00	63.24 3.81 0.00	59.66 3.74 0.00	58.23 3.74 0.00	77.32 5.02 0.00	77.87 5.20 0.00	61.40 3.92 0.00	65.31 3.81 0.00	54.34 2.85 0.00	73.89 3.69 0.00	61.42 2.97 0.00	58.97 2.83 0.00	57.95 2.89 0.00	55.54 3.17 0.00	53.70 3.17 0.00	52.27 3.24 0.00	55.28 3.75 0.00	62.25 4.29 0.00	90.86 6.04 0.00	78.34 5.06 0.00	47.13 2.90 0.00
MENANDS___115KV_TB5 355628	51.10 0.39 0.00	55.01 0.40 0.00	56.51 0.46 0.00	55.47 0.40 0.00	59.89 0.47 0.00	56.39 0.48 0.00	55.06 0.58 0.00	73.25 0.96 0.00	73.77 1.09 0.00	58.19 0.71 0.00	62.32 0.82 0.00	52.06 0.57 0.00	71.01 0.80 0.00	59.23 0.78 0.00	56.97 0.83 0.00	55.99 0.93 0.00	53.30 0.94 0.00	51.38 0.85 0.00	49.89 0.84 0.00	52.37 0.85 0.00	58.77 0.81 0.00	85.81 0.99 0.00	74.04 0.76 0.00	44.75 0.52 0.00
MG INDUSTRY___DRP 24185	51.28 0.57 0.00	55.20 0.60 0.00	56.73 0.67 0.00	55.67 0.61 0.00	60.11 0.68 0.00	56.60 0.69 0.00	55.24 0.76 0.00	73.43 1.14 0.00	73.90 1.22 0.00	58.28 0.81 0.00	62.34 0.84 0.00	52.10 0.61 0.00	71.03 0.82 0.00	59.19 0.73 0.00	56.93 0.79 0.00	55.96 0.90 0.00	53.31 0.94 0.00	51.39 0.86 0.00	49.90 0.86 0.00	52.42 0.90 0.00	58.84 0.89 0.00	85.90 1.08 0.00	74.18 0.91 0.00	44.84 0.61 0.00

MID___OSWEGATCHIE_HYD 23849	50.93 0.22 0.00	54.83 0.23 0.00	56.22 0.17 0.00	55.26 0.20 0.00	59.71 0.29 0.00	56.13 0.23 0.00	54.49 0.00 0.00	71.94 -0.35 0.00	72.37 -0.30 0.00	57.49 0.01 0.00	61.13 -0.37 0.00	51.01 -0.48 0.00	68.99 -1.22 0.00	57.29 -1.17 0.00	55.13 -1.01 0.00	54.13 -0.94 0.00	51.56 -0.81 0.00	50.15 -0.38 0.00	48.53 -0.51 0.00	51.42 -0.10 0.00	58.11 0.15 0.00	85.16 0.34 0.00	73.43 0.15 0.00	44.44 0.21 0.00
MID___RAQUETTE_HYD 23851	50.42 -0.29 0.00	54.29 -0.31 0.00	55.68 -0.37 0.00	54.72 -0.34 0.00	59.12 -0.30 0.00	55.52 -0.40 0.00	53.93 -0.55 0.00	70.84 -1.45 0.00	71.26 -1.42 0.00	56.86 -0.62 0.00	60.65 -0.85 0.00	50.62 -0.87 0.00	68.40 -1.81 0.00	56.97 -1.49 0.00	55.12 -1.02 0.00	54.05 -1.02 0.00	51.45 -0.92 0.00	50.08 -0.45 0.00	48.35 -0.70 0.00	51.20 -0.31 0.00	57.80 -0.15 0.00	84.46 -0.35 0.00	72.94 -0.34 0.00	44.38 0.16 0.00
MILLIKEN___1 23584	51.84 1.13 0.00	55.83 1.22 0.00	57.22 1.16 0.00	56.28 1.22 0.00	60.70 1.27 0.00	57.16 1.25 0.00	55.75 1.26 0.00	73.90 1.61 0.00	74.10 1.43 0.00	58.34 0.86 0.00	62.47 0.97 0.00	52.31 0.81 0.00	71.49 1.29 0.00	59.39 0.93 0.00	56.92 0.78 0.00	55.81 0.75 0.00	53.11 0.74 0.00	51.21 0.68 0.00	49.78 0.74 0.00	52.46 0.93 0.00	59.12 1.16 0.00	86.17 1.35 0.00	74.35 1.07 0.00	44.77 0.55 0.00
MILLIKEN___2 23585	51.84 1.13 0.00	55.83 1.22 0.00	57.22 1.16 0.00	56.28 1.22 0.00	60.70 1.27 0.00	57.16 1.25 0.00	55.75 1.26 0.00	73.90 1.61 0.00	74.10 1.43 0.00	58.34 0.86 0.00	62.47 0.97 0.00	52.31 0.81 0.00	71.49 1.29 0.00	59.39 0.93 0.00	56.92 0.78 0.00	55.81 0.75 0.00	53.11 0.74 0.00	51.21 0.68 0.00	49.78 0.74 0.00	52.46 0.93 0.00	59.12 1.16 0.00	86.17 1.35 0.00	74.35 1.07 0.00	44.77 0.55 0.00
MILLIKEN___DIESEL 23629	51.84 1.13 0.00	55.83 1.22 0.00	57.22 1.16 0.00	56.28 1.22 0.00	60.70 1.27 0.00	57.16 1.25 0.00	55.75 1.26 0.00	73.90 1.61 0.00	74.10 1.43 0.00	58.34 0.86 0.00	62.47 0.97 0.00	52.31 0.81 0.00	71.49 1.29 0.00	59.39 0.93 0.00	56.92 0.78 0.00	55.81 0.75 0.00	53.11 0.74 0.00	51.21 0.68 0.00	49.78 0.74 0.00	52.46 0.93 0.00	59.12 1.16 0.00	86.17 1.35 0.00	74.35 1.07 0.00	44.77 0.55 0.00
MILLSEAT___LFGE 323607	50.18 -0.53 0.00	54.31 -0.30 0.00	55.51 -0.55 0.00	54.70 -0.36 0.00	58.57 -0.85 0.00	55.08 -0.83 0.00	53.48 -1.01 0.00	69.84 -2.45 0.00	69.88 -2.79 0.00	55.09 -2.39 0.00	58.88 -2.63 0.00	49.47 -2.02 0.00	67.47 -2.74 0.00	55.81 -2.65 0.00	53.10 -3.05 0.00	51.86 -3.20 0.00	48.58 -3.78 0.00	46.46 -4.06 0.00	45.39 -3.65 0.00	48.22 -3.30 0.00	54.91 -3.05 0.00	79.86 -4.96 0.00	70.05 -3.22 0.00	42.05 -2.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.05 1.34 0.00	56.01 1.40 0.00	57.43 1.38 0.00	56.46 1.40 0.00	60.96 1.54 0.00	57.47 1.56 0.00	56.20 1.71 0.00	74.91 2.62 0.00	75.60 2.92 0.00	59.71 2.24 0.00	64.04 2.54 0.00	53.69 2.20 0.00	73.19 2.99 0.00	61.04 2.58 0.00	58.69 2.54 0.00	57.56 2.50 0.00	54.84 2.48 0.00	52.87 2.34 0.00	51.36 2.32 0.00	53.92 2.40 0.00	60.41 2.45 0.00	88.02 3.20 0.00	75.90 2.62 0.00	45.76 1.54 0.00
MILLWOOD_13_KV_LOAD 356217	52.11 1.40 0.00	56.08 1.47 0.00	57.51 1.46 0.00	56.52 1.47 0.00	61.04 1.61 0.00	57.55 1.64 0.00	56.28 1.79 0.00	75.02 2.73 0.00	75.70 3.02 0.00	59.81 2.33 0.00	64.15 2.65 0.00	53.76 2.27 0.00	73.31 3.10 0.00	61.14 2.68 0.00	58.76 2.62 0.00	57.64 2.58 0.00	54.93 2.57 0.00	52.95 2.42 0.00	51.45 2.41 0.00	54.01 2.49 0.00	60.50 2.54 0.00	88.15 3.33 0.00	76.00 2.72 0.00	45.82 1.60 0.00
MODEL_CITY_ENERGY 24167	48.76 -1.96 0.00	52.83 -1.78 0.00	53.99 -2.07 0.00	53.24 -1.82 0.00	56.94 -2.49 0.00	53.50 -2.41 0.00	51.83 -2.66 0.00	67.37 -4.92 0.00	67.24 -5.43 0.00	52.95 -4.53 0.00	56.56 -4.94 0.00	47.62 -3.87 0.00	65.01 -5.19 0.00	53.82 -4.64 0.00	51.17 -4.98 0.00	49.93 -5.13 0.00	46.66 -5.71 0.00	44.47 -6.05 0.00	43.47 -5.57 0.00	46.16 -5.36 0.00	52.60 -5.36 0.00	76.60 -8.22 0.00	67.54 -5.74 0.00	40.59 -3.64 0.00
MODERN_LFGE___ 323580	48.76 -1.96 0.00	52.83 -1.78 0.00	53.99 -2.07 0.00	53.24 -1.82 0.00	56.94 -2.49 0.00	53.50 -2.41 0.00	51.83 -2.66 0.00	67.37 -4.92 0.00	67.24 -5.43 0.00	52.95 -4.53 0.00	56.56 -4.94 0.00	47.62 -3.87 0.00	65.01 -5.19 0.00	53.82 -4.64 0.00	51.17 -4.98 0.00	49.93 -5.13 0.00	46.66 -5.71 0.00	44.47 -6.05 0.00	43.47 -5.57 0.00	46.16 -5.36 0.00	52.60 -5.36 0.00	76.60 -8.22 0.00	67.54 -5.74 0.00	40.59 -3.64 0.00
MOHAWK_PAPER___DRP 24187	51.41 0.70 0.00	55.34 0.73 0.00	56.84 0.79 0.00	55.78 0.71 0.00	60.23 0.80 0.00	56.70 0.79 0.00	55.38 0.89 0.00	73.68 1.39 0.00	74.19 1.51 0.00	58.54 1.06 0.00	62.68 1.18 0.00	52.35 0.85 0.00	71.39 1.18 0.00	59.56 1.10 0.00	57.27 1.12 0.00	56.29 1.23 0.00	53.58 1.22 0.00	51.66 1.13 0.00	50.17 1.13 0.00	52.68 1.17 0.00	59.14 1.18 0.00	86.32 1.50 0.00	74.46 1.19 0.00	45.01 0.78 0.00
MOHICAN___35_KV_115KV_LD 80490	53.03 2.32 0.00	57.22 2.61 0.00	58.72 2.66 0.00	57.63 2.58 0.00	62.17 2.74 0.00	58.55 2.64 0.00	57.21 2.72 0.00	76.18 3.88 0.00	76.58 3.90 0.00	60.26 2.79 0.00	64.29 2.79 0.00	53.62 2.13 0.00	73.06 2.85 0.00	60.88 2.43 0.00	58.62 2.48 0.00	57.70 2.64 0.00	55.06 2.70 0.00	53.30 2.77 0.00	51.85 2.81 0.00	54.53 3.01 0.00	61.13 3.17 0.00	89.25 4.43 0.00	76.67 3.40 0.00	46.29 2.07 0.00
MONGAUP___HYD 23641	52.34 1.62 0.00	56.25 1.64 0.00	57.69 1.64 0.00	56.69 1.63 0.00	61.24 1.82 0.00	57.72 1.81 0.00	56.05 1.56 0.00	73.90 1.61 0.00	74.81 2.14 0.00	59.23 1.75 0.00	63.49 1.99 0.00	53.13 1.64 0.00	72.32 2.11 0.00	60.30 1.84 0.00	57.95 1.80 0.00	56.85 1.79 0.00	54.15 1.79 0.00	52.62 2.09 0.00	51.12 2.08 0.00	53.78 2.26 0.00	60.34 2.38 0.00	88.21 3.39 0.00	76.05 2.78 0.00	45.81 1.58 0.00
MONTAUK___DIESEL 23721	49.13 -1.58 0.00	52.78 -1.83 0.00	54.07 -1.99 0.00	53.16 -1.90 0.00	57.30 -2.13 0.00	53.21 -2.07 0.64	53.85 -0.64 0.00	71.84 -0.44 0.01	72.64 -0.03 0.00	58.07 0.59 0.00	61.13 -0.37 0.00	51.42 -0.07 0.00	69.57 -0.58 0.06	57.79 0.16 0.83	55.95 0.13 0.32	54.89 0.03 0.20	52.44 0.08 0.00	50.45 -0.07 0.00	49.22 0.18 0.00	49.32 0.35 2.55	47.73 -0.19 10.04	83.81 -0.99 0.01	73.03 -0.24 0.00	43.90 -0.33 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.26 1.55 0.00	56.63 2.03 0.00	57.89 1.83 0.00	57.01 1.95 0.00	61.19 1.76 0.00	57.48 1.58 0.00	55.93 1.44 0.00	73.27 0.98 0.00	73.18 0.50 0.00	57.50 0.02 0.00	61.76 0.26 0.00	51.88 0.39 0.00	70.88 0.67 0.00	58.60 0.14 0.00	55.61 -0.54 0.00	54.29 -0.77 0.00	51.14 -1.22 0.00	48.75 -1.78 0.00	47.55 -1.49 0.00	50.29 -1.23 0.00	57.12 -0.84 0.00	83.39 -1.43 0.00	72.62 -0.66 0.00	43.79 -0.44 0.00

MORRIS_RIDGE___SOLAR 323848	50.66 -0.05 0.00	54.73 0.12 0.00	56.03 -0.02 0.00	55.16 0.10 0.00	59.19 -0.23 0.00	55.65 -0.26 0.00	54.17 -0.32 0.00	71.12 -1.18 0.00	70.92 -1.76 0.00	55.67 -1.81 0.00	59.43 -2.07 0.00	49.78 -1.71 0.00	68.02 -2.19 0.00	56.26 -2.19 0.00	53.62 -2.52 0.00	52.51 -2.55 0.00	49.43 -2.93 0.00	47.31 -3.22 0.00	46.14 -2.90 0.00	49.04 -2.48 0.00	55.87 -2.09 0.00	81.63 -3.19 0.00	71.20 -2.08 0.00	42.81 -1.41 0.00
MORTIMER_115KV_TB3 55949	50.32 -0.39 0.00	54.36 -0.25 0.00	55.65 -0.41 0.00	54.77 -0.30 0.00	58.87 -0.56 0.00	55.38 -0.54 0.00	53.86 -0.63 0.00	70.83 -1.46 0.00	71.07 -1.61 0.00	56.06 -1.42 0.00	59.95 -1.54 0.00	50.31 -1.19 0.00	68.71 -1.50 0.00	56.98 -1.48 0.00	54.42 -1.72 0.00	53.26 -1.81 0.00	50.27 -2.09 0.00	48.22 -2.31 0.00	46.94 -2.10 0.00	49.63 -1.89 0.00	56.22 -1.74 0.00	81.91 -2.91 0.00	71.24 -2.04 0.00	42.83 -1.40 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.56 1.85 0.00	56.54 1.94 0.00	57.97 1.91 0.00	56.96 1.90 0.00	61.48 2.05 0.00	57.96 2.05 0.00	56.66 2.17 0.00	75.53 3.24 0.00	76.35 3.67 0.00	60.34 2.87 0.00	64.66 3.16 0.00	54.23 2.74 0.00	73.96 3.75 0.00	61.69 3.23 0.00	59.33 3.19 0.00	58.19 3.12 0.00	55.46 3.10 0.00	53.41 2.88 0.00	51.88 2.84 0.00	54.48 2.96 0.00	61.02 3.06 0.00	88.84 4.02 0.00	76.59 3.31 0.00	46.19 1.96 0.00
MUNSVILLE_WIND_PWR 323609	54.79 4.08 0.00	58.83 4.22 0.00	60.44 4.38 0.00	59.41 4.35 0.00	64.02 4.60 0.00	60.41 4.50 0.00	58.87 4.39 0.00	78.00 5.71 0.00	78.34 5.67 0.00	61.45 3.97 0.00	66.01 4.51 0.00	55.26 3.77 0.00	75.63 5.42 0.00	62.74 4.28 0.00	59.76 3.61 0.00	58.50 3.44 0.00	55.97 3.61 0.00	54.29 3.76 0.00	52.85 3.81 0.00	55.71 4.19 0.00	62.84 4.88 0.00	90.92 6.10 0.00	78.05 4.77 0.00	46.97 2.74 0.00
N SALMON___HYD 24042	51.63 0.92 0.00	55.37 0.76 0.00	56.80 0.74 0.00	55.68 0.62 0.00	60.19 0.77 0.00	56.63 0.72 0.00	55.14 0.66 0.00	72.79 0.50 0.00	73.49 0.81 0.00	58.41 0.93 0.00	62.32 0.82 0.00	52.07 0.58 0.00	70.81 0.60 0.00	58.95 0.49 0.00	56.73 0.58 0.00	55.65 0.59 0.00	53.07 0.70 0.00	51.49 0.96 0.00	49.94 0.90 0.00	52.68 1.16 0.00	59.38 1.42 0.00	86.78 1.97 0.00	75.08 1.80 0.00	45.53 1.31 0.00
N.AKRON__115KV_KNAPP 355671	49.95 -0.77 0.00	54.08 -0.53 0.00	55.28 -0.78 0.00	54.49 -0.58 0.00	58.34 -1.08 0.00	54.83 -1.08 0.00	53.21 -1.28 0.00	69.37 -2.92 0.00	69.38 -3.30 0.00	54.67 -2.81 0.00	58.41 -3.09 0.00	49.11 -2.38 0.00	67.03 -3.18 0.00	55.44 -3.01 0.00	52.72 -3.43 0.00	51.49 -3.57 0.00	48.19 -4.17 0.00	46.04 -4.49 0.00	44.99 -4.05 0.00	47.79 -3.73 0.00	54.43 -3.53 0.00	79.19 -5.63 0.00	69.56 -3.71 0.00	41.77 -2.45 0.00
N.BELMOR_69_KV_BK1 55787	51.98 1.27 0.00	55.97 1.35 -0.01	57.36 1.30 -0.01	56.34 1.28 0.00	60.70 1.28 0.00	56.64 1.06 0.33	55.78 1.30 0.00	74.11 1.82 0.00	75.05 2.37 0.00	59.73 2.25 0.00	63.75 2.23 -0.01	53.56 2.05 -0.01	72.75 2.55 0.01	62.76 2.77 -1.54	59.55 2.70 -0.71	57.87 2.55 -0.25	54.74 2.37 -0.01	52.68 2.14 -0.01	51.25 2.20 -0.01	54.12 2.42 -0.18	57.44 2.24 2.77	87.45 2.64 0.00	75.61 2.34 0.00	45.51 1.28 0.00
N.E_GEN_SANDY PD 24062	51.55 0.83 0.00	55.48 0.87 0.00	56.96 0.90 0.00	55.93 0.86 0.00	60.40 0.98 0.00	56.88 0.97 0.00	55.56 1.07 0.00	73.99 1.70 0.00	68.11 1.84 6.41	58.74 1.26 0.00	62.95 1.45 0.00	52.65 1.16 0.00	71.78 1.57 0.00	59.88 1.42 0.00	57.42 1.44 0.16	56.61 1.55 0.00	53.90 1.54 0.00	51.97 1.44 0.00	50.48 1.44 0.00	53.01 1.49 0.00	59.45 1.49 0.00	86.29 1.92 0.45	74.78 1.51 0.00	45.17 0.94 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.86 1.15 0.00	55.82 1.21 0.00	57.26 1.20 0.00	56.32 1.26 0.00	60.84 1.41 0.00	57.35 1.44 0.00	56.11 1.62 0.00	74.80 2.51 0.00	75.43 2.75 0.00	59.56 2.09 0.00	63.94 2.44 0.00	53.59 2.10 0.00	73.06 2.86 0.00	60.92 2.46 0.00	58.53 2.38 0.00	57.42 2.35 0.00	54.71 2.35 0.00	52.77 2.24 0.00	51.28 2.24 0.00	53.82 2.30 0.00	60.27 2.31 0.00	87.86 3.04 0.00	75.75 2.47 0.00	45.65 1.43 0.00
N.QUEENS_27_KV_LOAD 356247	52.82 2.10 0.00	56.83 2.22 0.00	58.33 2.27 0.00	57.38 2.31 0.00	61.90 2.48 0.00	58.37 2.46 0.00	57.04 2.55 0.00	76.07 3.77 0.00	76.97 4.30 0.00	60.88 3.40 0.00	65.18 3.68 0.00	54.67 3.17 0.00	74.59 4.39 0.00	62.21 3.75 0.00	59.80 3.65 0.00	58.64 3.57 0.00	55.87 3.50 -0.01	53.82 3.29 0.00	52.27 3.23 0.00	54.92 3.40 0.00	61.50 3.54 0.00	89.53 4.71 0.00	77.15 3.87 0.00	46.47 2.23 -0.01
N.TROY___115KV_TB1 355778	51.51 0.80 0.00	55.45 0.84 0.00	56.94 0.88 0.00	55.88 0.82 0.00	60.33 0.90 0.00	56.79 0.88 0.00	55.45 0.97 0.00	73.81 1.52 0.00	74.26 1.58 0.00	58.54 1.06 0.00	62.64 1.14 0.00	52.30 0.81 0.00	71.31 1.11 0.00	59.50 1.04 0.00	57.21 1.07 0.00	56.26 1.20 0.00	53.58 1.21 0.00	51.65 1.12 0.00	50.17 1.14 0.00	52.72 1.20 0.00	59.17 1.21 0.00	86.40 1.58 0.00	74.54 1.26 0.00	45.02 0.79 0.00
NARROWS_GT1_1 24228	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT1_2 24229	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT1_3 24230	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT1_4 24231	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76

NARROWS_GT1_5 24232	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT1_6 24233	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT1_7 24234	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT1_8 24235	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_1 24236	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_2 24237	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_3 24238	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_4 24239	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_5 24240	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_6 24241	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_7 24242	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NARROWS_GT2_8 24243	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	52.11 1.40 0.00	56.08 1.47 0.00	57.59 1.54 0.00	56.52 1.46 0.00	61.06 1.63 0.00	57.56 1.65 0.00	56.27 1.78 0.00	74.93 2.63 0.00	75.59 2.91 0.00	59.68 2.20 0.00	63.84 2.34 0.00	53.28 1.79 0.00	72.66 2.45 0.00	60.54 2.09 0.00	58.17 2.03 0.00	57.23 2.16 0.00	54.54 2.17 0.00	52.59 2.06 0.00	51.11 2.07 0.00	53.70 2.18 0.00	60.22 2.26 0.00	87.80 2.98 0.00	75.67 2.39 0.00	45.64 1.42 0.00
NCHELSEA_115KV_TR2 355582	52.41 1.70 0.00	56.38 1.78 0.00	57.86 1.80 0.00	56.85 1.79 0.00	61.39 1.96 0.00	57.89 1.98 0.00	56.61 2.12 0.00	75.48 3.19 0.00	76.17 3.50 0.00	60.21 2.73 0.00	64.58 3.08 0.00	54.15 2.66 0.00	73.83 3.62 0.00	61.54 3.08 0.00	59.10 2.95 0.00	58.00 2.94 0.00	55.24 2.88 0.00	53.26 2.73 0.00	51.74 2.71 0.00	54.35 2.83 0.00	60.89 2.93 0.00	88.71 3.89 0.00	76.45 3.17 0.00	46.07 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	52.45 1.74 0.00	56.51 1.91 0.00	58.01 1.95 0.00	56.94 1.88 0.00	61.45 2.02 0.00	57.88 1.97 0.00	56.55 2.06 0.00	75.28 2.99 0.00	75.75 3.07 0.00	59.72 2.25 0.00	63.86 2.36 0.00	53.28 1.78 0.00	72.62 2.41 0.00	60.54 2.08 0.00	58.25 2.10 0.00	57.28 2.21 0.00	54.58 2.22 0.00	52.64 2.12 0.00	51.20 2.16 0.00	53.83 2.31 0.00	60.39 2.43 0.00	88.17 3.34 0.00	75.96 2.68 0.00	45.83 1.61 0.00

NEG CENTRAL_HIGH_ACRES 23767	49.60 -1.11 0.00	53.56 -1.05 0.00	54.84 -1.22 0.00	53.97 -1.09 0.00	58.05 -1.38 0.00	54.64 -1.27 0.00	53.18 -1.31 0.00	70.06 -2.24 0.00	70.35 -2.33 0.00	55.50 -1.97 0.00	59.37 -2.13 0.00	49.79 -1.70 0.00	68.00 -2.21 0.00	56.42 -2.03 0.00	53.94 -2.20 0.00	52.85 -2.21 0.00	49.98 -2.38 0.00	47.97 -2.56 0.00	46.66 -2.38 0.00	49.27 -2.26 0.00	55.71 -2.24 0.00	81.14 -3.68 0.00	70.45 -2.83 0.00	42.36 -1.86 0.00
NEG CENTRAL___DRP 24199	51.25 0.54 0.00	55.20 0.59 0.00	56.49 0.44 0.00	55.60 0.54 0.00	59.86 0.43 0.00	56.39 0.48 0.00	55.03 0.54 0.00	72.65 0.36 0.00	72.75 0.07 0.00	57.36 -0.12 0.00	61.40 -0.10 0.00	51.46 -0.03 0.00	70.32 0.11 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.81 -0.25 0.00	52.09 -0.27 0.00	50.01 -0.52 0.00	48.61 -0.43 0.00	51.25 -0.27 0.00	57.84 -0.11 0.00	84.30 -0.52 0.00	72.93 -0.35 0.00	43.99 -0.23 0.00
NEG CENTRAL___INDECK 23768	52.17 1.46 0.00	56.29 1.68 0.00	57.66 1.61 0.00	56.72 1.66 0.00	60.93 1.51 0.00	57.36 1.45 0.00	55.97 1.48 0.00	73.67 1.37 0.00	73.77 1.10 0.00	58.02 0.54 0.00	61.84 0.34 0.00	51.74 0.24 0.00	70.44 0.23 0.00	58.17 -0.29 0.00	55.34 -0.81 0.00	54.17 -0.90 0.00	51.22 -1.14 0.00	49.37 -1.16 0.00	48.26 -0.78 0.00	51.30 -0.22 0.00	58.27 0.31 0.00	84.96 0.14 0.00	73.80 0.53 0.00	44.25 0.02 0.00
NEG CENTRAL___SENECA 23627	51.49 0.79 0.00	55.48 0.87 0.00	56.75 0.70 0.00	55.87 0.81 0.00	60.04 0.61 0.00	56.59 0.67 0.00	55.26 0.77 0.00	72.77 0.47 0.00	72.80 0.13 0.00	57.42 -0.05 0.00	61.48 -0.02 0.00	51.55 0.05 0.00	70.40 0.19 0.00	58.37 -0.08 0.00	55.97 -0.17 0.00	54.83 -0.23 0.00	52.08 -0.29 0.00	49.94 -0.58 0.00	48.56 -0.48 0.00	51.21 -0.31 0.00	57.87 -0.09 0.00	84.27 -0.54 0.00	73.02 -0.26 0.00	44.09 -0.14 0.00
NEG CENTRAL___STATE_STREET 24147	51.35 0.63 0.00	55.31 0.70 0.00	56.54 0.49 0.00	55.75 0.69 0.00	60.12 0.69 0.00	56.66 0.75 0.00	55.17 0.68 0.00	73.12 0.84 0.00	73.14 0.46 0.00	57.62 0.14 0.00	61.68 0.18 0.00	51.62 0.13 0.00	70.74 0.53 0.00	58.78 0.32 0.00	56.38 0.23 0.00	55.21 0.15 0.00	52.53 0.16 0.00	50.57 0.04 0.00	49.14 0.10 0.00	51.77 0.25 0.00	58.38 0.42 0.00	85.16 0.34 0.00	73.36 0.08 0.00	44.20 -0.03 0.00
NEG MILLWOOD___DRP 24198	52.61 1.90 0.00	56.59 1.98 0.00	58.05 2.00 0.00	57.06 2.00 0.00	61.61 2.18 0.00	58.09 2.18 0.00	56.82 2.33 0.00	75.77 3.47 0.00	76.51 3.84 0.00	60.49 3.02 0.00	64.87 3.38 0.00	54.40 2.90 0.00	74.17 3.95 0.00	61.83 3.37 0.00	59.40 3.25 0.00	58.29 3.23 0.00	55.52 3.16 0.00	53.49 2.96 0.00	52.00 2.96 0.00	54.61 3.08 0.00	61.17 3.21 0.00	89.08 4.27 0.00	76.77 3.49 0.00	46.25 2.02 0.00
NEG NORTH_FLCN_SEA 23793	52.05 1.34 0.00	55.74 1.13 0.00	57.17 1.11 0.00	56.02 0.96 0.00	60.52 1.09 0.00	56.98 1.07 0.00	55.58 1.10 0.00	73.48 1.19 0.00	74.02 1.34 0.00	58.68 1.21 0.00	62.70 1.20 0.00	52.46 0.96 0.00	71.61 1.40 0.00	59.68 1.23 0.00	57.29 1.15 0.00	56.22 1.16 0.00	53.55 1.19 0.00	51.83 1.30 0.00	50.33 1.29 0.00	53.00 1.48 0.00	59.64 1.68 0.00	87.19 2.38 0.00	75.43 2.15 0.00	45.76 1.54 0.00
NEG NORTH_KES_CHATEGAY 23792	51.57 0.86 0.00	55.21 0.60 0.00	56.68 0.62 0.00	55.53 0.47 0.00	60.01 0.59 0.00	56.46 0.55 0.00	55.01 0.52 0.00	72.78 0.48 0.00	73.38 0.71 0.00	58.25 0.77 0.00	62.05 0.55 0.00	51.96 0.47 0.00	70.83 0.62 0.00	58.99 0.54 0.00	56.67 0.52 0.00	55.62 0.56 0.00	53.01 0.64 0.00	51.37 0.84 0.00	49.86 0.82 0.00	52.50 0.98 0.00	59.15 1.19 0.00	86.55 1.74 0.00	74.91 1.63 0.00	45.42 1.19 0.00
NEG NORTH___ALICE_FALLS 23915	52.06 1.35 0.00	55.77 1.17 0.00	57.20 1.15 0.00	56.04 0.98 0.00	60.55 1.13 0.00	57.01 1.10 0.00	55.59 1.10 0.00	73.50 1.21 0.00	74.11 1.44 0.00	58.77 1.29 0.00	62.83 1.33 0.00	52.53 1.04 0.00	71.64 1.43 0.00	59.68 1.23 0.00	57.31 1.17 0.00	56.26 1.21 0.00	53.58 1.22 0.00	51.89 1.36 0.00	50.41 1.37 0.00	53.09 1.57 0.00	59.75 1.79 0.00	87.34 2.52 0.00	75.56 2.28 0.00	45.82 1.60 0.00
NEG NORTH___LWR_SARANAC 23913	52.06 1.35 0.00	55.77 1.17 0.00	57.20 1.15 0.00	56.04 0.98 0.00	60.55 1.13 0.00	57.01 1.10 0.00	55.59 1.10 0.00	73.50 1.21 0.00	74.11 1.44 0.00	58.77 1.29 0.00	62.83 1.33 0.00	52.53 1.04 0.00	71.64 1.43 0.00	59.68 1.23 0.00	57.31 1.17 0.00	56.26 1.21 0.00	53.58 1.22 0.00	51.89 1.36 0.00	50.41 1.37 0.00	53.09 1.57 0.00	59.75 1.79 0.00	87.34 2.52 0.00	75.56 2.28 0.00	45.82 1.60 0.00
NEG NORTH___PLATTSBURG 23628	52.06 1.35 0.00	55.77 1.17 0.00	57.20 1.15 0.00	56.04 0.98 0.00	60.55 1.12 0.00	57.01 1.10 0.00	55.59 1.11 0.00	73.50 1.21 0.00	74.12 1.44 0.00	58.77 1.29 0.00	62.83 1.34 0.00	52.53 1.04 0.00	71.64 1.43 0.00	59.69 1.23 0.00	57.31 1.17 0.00	56.26 1.20 0.00	53.58 1.22 0.00	51.89 1.36 0.00	50.41 1.37 0.00	53.09 1.57 0.00	59.75 1.80 0.00	87.34 2.52 0.00	75.56 2.28 0.00	45.82 1.60 0.00
NEG WEST_LEA_LOCKPORT 23791	49.24 -1.47 0.00	53.35 -1.26 0.00	54.54 -1.52 0.00	53.75 -1.31 0.00	57.53 -1.89 0.00	54.02 -1.89 0.00	52.36 -2.12 0.00	68.12 -4.18 0.00	68.01 -4.67 0.00	53.57 -3.91 0.00	57.21 -4.29 0.00	48.14 -3.35 0.00	65.75 -4.46 0.00	54.41 -4.05 0.00	51.73 -4.42 0.00	50.49 -4.58 0.00	47.21 -5.15 0.00	44.98 -5.54 0.00	43.97 -5.07 0.00	46.74 -4.78 0.00	53.28 -4.67 0.00	77.59 -7.23 0.00	68.31 -4.97 0.00	41.05 -3.18 0.00
NEG WEST___LANCASTR 23811	50.92 0.21 0.00	55.21 0.60 0.00	56.47 0.41 0.00	55.60 0.54 0.00	59.59 0.16 0.00	55.98 0.07 0.00	54.37 -0.11 0.00	71.09 -1.21 0.00	71.06 -1.62 0.00	55.88 -1.60 0.00	59.87 -1.63 0.00	50.35 -1.14 0.00	68.90 -1.31 0.00	57.03 -1.43 0.00	54.27 -1.88 0.00	53.03 -2.03 0.00	49.92 -2.45 0.00	47.46 -3.07 0.00	46.22 -2.82 0.00	48.93 -2.59 0.00	55.58 -2.38 0.00	81.03 -3.79 0.00	70.85 -2.43 0.00	42.66 -1.57 0.00
NEG_PENN_ALLEGHNY 23528	51.27 0.57 0.00	55.27 0.66 0.00	56.73 0.67 0.00	55.73 0.67 0.00	60.07 0.65 0.00	56.53 0.62 0.00	55.12 0.63 0.00	73.04 0.75 0.00	73.23 0.55 0.00	57.65 0.18 0.00	61.85 0.35 0.00	51.87 0.38 0.00	70.84 0.63 0.00	58.86 0.41 0.00	56.36 0.21 0.00	55.21 0.15 0.00	52.52 0.15 0.00	50.46 -0.06 0.00	48.96 -0.08 0.00	51.59 0.07 0.00	58.14 0.18 0.00	84.83 0.01 0.00	73.38 0.10 0.00	44.26 0.03 0.00
NEG___GEN_MONROE 24207	50.60 -0.11 0.00	54.67 0.07 0.00	55.96 -0.10 0.00	55.08 0.02 0.00	59.17 -0.26 0.00	55.67 -0.24 0.00	54.15 -0.34 0.00	71.13 -1.17 0.00	71.37 -1.30 0.00	56.30 -1.18 0.00	60.20 -1.30 0.00	50.49 -1.00 0.00	68.95 -1.26 0.00	57.14 -1.32 0.00	54.53 -1.61 0.00	53.35 -1.72 0.00	50.33 -2.04 0.00	48.26 -2.27 0.00	47.01 -2.03 0.00	49.75 -1.77 0.00	56.39 -1.57 0.00	82.11 -2.71 0.00	71.48 -1.79 0.00	42.97 -1.26 0.00

NEPA___ENERGY 23901	51.14 0.43 0.00	55.39 0.78 0.00	56.65 0.60 0.00	55.82 0.76 0.00	59.96 0.54 0.00	56.30 0.39 0.00	54.79 0.30 0.00	71.93 -0.36 0.00	71.61 -1.07 0.00	56.14 -1.34 0.00	60.47 -1.03 0.00	50.81 -0.69 0.00	69.56 -0.65 0.00	57.54 -0.91 0.00	54.66 -1.49 0.00	53.33 -1.74 0.00	50.45 -1.92 0.00	48.04 -2.49 0.00	46.74 -2.30 0.00	49.46 -2.06 0.00	56.04 -1.92 0.00	81.79 -3.03 0.00	71.28 -2.00 0.00	43.02 -1.21 0.00
NEVERSink___HYD 23608	52.75 2.04 0.00	56.75 2.14 0.00	58.21 2.16 0.00	57.23 2.17 0.00	61.82 2.39 0.00	58.32 2.41 0.00	57.03 2.54 0.00	75.98 3.69 0.00	76.68 4.00 0.00	60.56 3.08 0.00	65.00 3.50 0.00	54.48 2.99 0.00	74.35 4.13 0.00	61.95 3.50 0.00	59.49 3.35 0.00	58.34 3.28 0.00	55.54 3.17 0.00	53.54 3.01 0.00	52.04 3.00 0.00	54.67 3.15 0.00	61.28 3.32 0.00	89.30 4.48 0.00	76.93 3.65 0.00	46.33 2.10 0.00
NEWKRMKL_115KV_TB1 55635	50.85 0.14 0.00	54.75 0.14 0.00	56.23 0.18 0.00	55.19 0.13 0.00	59.60 0.17 0.00	56.13 0.22 0.00	54.81 0.32 0.00	72.91 0.62 0.00	73.43 0.76 0.00	57.95 0.47 0.00	62.07 0.57 0.00	51.86 0.36 0.00	70.72 0.51 0.00	59.00 0.54 0.00	56.72 0.58 0.00	55.75 0.68 0.00	53.08 0.71 0.00	51.16 0.64 0.00	49.69 0.65 0.00	52.16 0.64 0.00	58.53 0.58 0.00	85.46 0.64 0.00	73.71 0.43 0.00	44.56 0.33 0.00
NEWTON___FALLS_HYD 23847	50.93 0.22 0.00	54.83 0.23 0.00	56.22 0.17 0.00	55.26 0.20 0.00	59.71 0.29 0.00	56.13 0.23 0.00	54.49 0.00 0.00	71.94 -0.35 0.00	72.37 -0.30 0.00	57.49 0.01 0.00	61.13 -0.37 0.00	51.01 -0.48 0.00	68.99 -1.22 0.00	57.29 -1.17 0.00	55.13 -1.01 0.00	54.13 -0.94 0.00	51.56 -0.81 0.00	50.15 -0.38 0.00	48.53 -0.51 0.00	51.42 -0.10 0.00	58.11 0.15 0.00	85.16 0.34 0.00	73.43 0.15 0.00	44.44 0.21 0.00
NGRID_A1_DSASP 323792	48.80 -1.91 0.00	52.95 -1.65 0.00	54.12 -1.94 0.00	53.34 -1.72 0.00	57.02 -2.41 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.16 0.00	66.90 -5.77 0.00	52.67 -4.81 0.00	56.24 -5.26 0.00	47.34 -4.16 0.00	64.73 -5.48 0.00	53.57 -4.89 0.00	50.94 -5.21 0.00	49.73 -5.34 0.00	46.46 -5.90 0.00	44.20 -6.32 0.00	43.21 -5.83 0.00	45.91 -5.61 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.16 -6.12 0.00	40.36 -3.86 0.00
NGRID_A2_DSASP 323793	48.80 -1.91 0.00	52.95 -1.65 0.00	54.12 -1.94 0.00	53.34 -1.72 0.00	57.02 -2.41 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.16 0.00	66.90 -5.77 0.00	52.67 -4.81 0.00	56.24 -5.26 0.00	47.34 -4.16 0.00	64.73 -5.48 0.00	53.57 -4.89 0.00	50.94 -5.21 0.00	49.73 -5.34 0.00	46.46 -5.90 0.00	44.20 -6.32 0.00	43.21 -5.83 0.00	45.91 -5.61 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.16 -6.12 0.00	40.36 -3.86 0.00
NGRID_A4_DSASP 323807	48.80 -1.91 0.00	52.95 -1.65 0.00	54.12 -1.94 0.00	53.34 -1.72 0.00	57.02 -2.41 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.16 0.00	66.90 -5.77 0.00	52.67 -4.81 0.00	56.24 -5.26 0.00	47.34 -4.16 0.00	64.73 -5.48 0.00	53.57 -4.89 0.00	50.94 -5.21 0.00	49.73 -5.34 0.00	46.46 -5.90 0.00	44.20 -6.32 0.00	43.21 -5.83 0.00	45.91 -5.61 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.16 -6.12 0.00	40.36 -3.86 0.00
NIAGARA_115E_LBMP 323715	48.48 -2.23 0.00	52.53 -2.08 0.00	53.70 -2.35 0.00	52.95 -2.11 0.00	56.63 -2.79 0.00	53.18 -2.74 0.00	51.53 -2.96 0.00	66.92 -5.37 0.00	66.78 -5.90 0.00	52.59 -4.88 0.00	56.17 -5.33 0.00	47.31 -4.18 0.00	64.58 -5.63 0.00	53.46 -5.00 0.00	50.82 -5.32 0.00	49.60 -5.46 0.00	46.32 -6.05 0.00	44.15 -6.38 0.00	43.15 -5.88 0.00	45.82 -5.70 0.00	52.20 -5.76 0.00	76.01 -8.81 0.00	67.10 -6.18 0.00	40.33 -3.90 0.00
NIAGARA_115W_LBMP 323714	48.69 -2.02 0.00	52.84 -1.77 0.00	54.00 -2.06 0.00	53.23 -1.84 0.00	56.90 -2.53 0.00	53.42 -2.49 0.00	51.71 -2.78 0.00	66.94 -5.35 0.00	66.68 -6.00 0.00	52.51 -4.97 0.00	56.07 -5.43 0.00	47.19 -4.31 0.00	64.52 -5.69 0.00	53.40 -5.06 0.00	50.78 -5.37 0.00	49.57 -5.50 0.00	46.32 -6.04 0.00	44.08 -6.45 0.00	43.07 -5.97 0.00	45.76 -5.76 0.00	52.15 -5.81 0.00	75.89 -8.93 0.00	66.95 -6.33 0.00	40.24 -3.98 0.00
NIAGARA_230_LBMP 323716	48.88 -1.83 0.00	53.01 -1.59 0.00	54.20 -1.86 0.00	53.43 -1.63 0.00	57.14 -2.29 0.00	53.66 -2.25 0.00	51.98 -2.51 0.00	67.57 -4.72 0.00	67.47 -5.20 0.00	53.12 -4.36 0.00	56.73 -4.77 0.00	47.74 -3.75 0.00	65.28 -4.93 0.00	54.04 -4.41 0.00	51.42 -4.73 0.00	50.20 -4.86 0.00	46.98 -5.39 0.00	44.70 -5.83 0.00	43.64 -5.40 0.00	46.34 -5.18 0.00	52.81 -5.15 0.00	76.92 -7.89 0.00	67.69 -5.59 0.00	40.70 -3.52 0.00
NIAGARA___115KV_198_GIBSON 55903	48.69 -2.02 0.00	52.84 -1.77 0.00	54.00 -2.06 0.00	53.22 -1.84 0.00	56.92 -2.50 0.00	53.42 -2.49 0.00	51.71 -2.78 0.00	66.94 -5.36 0.00	66.69 -5.99 0.00	52.51 -4.96 0.00	56.07 -5.43 0.00	47.18 -4.32 0.00	64.52 -5.69 0.00	53.39 -5.06 0.00	50.77 -5.38 0.00	49.56 -5.51 0.00	46.30 -6.06 0.00	44.05 -6.47 0.00	43.06 -5.98 0.00	45.77 -5.75 0.00	52.14 -5.82 0.00	75.89 -8.93 0.00	66.95 -6.33 0.00	40.25 -3.98 0.00
NIAGARA___ 23760	48.88 -1.83 0.00	53.01 -1.59 0.00	54.20 -1.86 0.00	53.43 -1.63 0.00	57.14 -2.29 0.00	53.66 -2.25 0.00	51.98 -2.51 0.00	67.57 -4.72 0.00	67.47 -5.20 0.00	53.12 -4.36 0.00	56.73 -4.77 0.00	47.74 -3.75 0.00	65.28 -4.93 0.00	54.04 -4.41 0.00	51.42 -4.73 0.00	50.20 -4.86 0.00	46.98 -5.39 0.00	44.70 -5.83 0.00	43.64 -5.40 0.00	46.34 -5.18 0.00	52.81 -5.15 0.00	76.92 -7.89 0.00	67.69 -5.59 0.00	40.70 -3.52 0.00
NINE_MILE_1 23575	49.65 -1.06 0.00	53.47 -1.14 0.00	54.87 -1.19 0.00	53.91 -1.15 0.00	58.17 -1.26 0.00	54.73 -1.19 0.00	53.31 -1.18 0.00	70.68 -1.61 0.00	71.04 -1.64 0.00	56.06 -1.41 0.00	59.98 -1.52 0.00	50.23 -1.26 0.00	68.55 -1.67 0.00	56.98 -1.47 0.00	54.66 -1.49 0.00	53.58 -1.48 0.00	50.91 -1.46 0.00	49.07 -1.46 0.00	47.64 -1.40 0.00	50.12 -1.39 0.00	56.45 -1.51 0.00	82.46 -2.36 0.00	71.31 -1.97 0.00	42.98 -1.25 0.00
NINE_MILE_2 23744	49.65 -1.06 0.00	53.48 -1.13 0.00	54.87 -1.19 0.00	53.91 -1.15 0.00	58.18 -1.24 0.00	54.73 -1.19 0.00	53.31 -1.17 0.00	70.68 -1.61 0.00	71.05 -1.62 0.00	56.07 -1.40 0.00	59.99 -1.51 0.00	50.24 -1.26 0.00	68.56 -1.65 0.00	56.99 -1.47 0.00	54.66 -1.48 0.00	53.58 -1.48 0.00	50.91 -1.45 0.00	49.07 -1.46 0.00	47.65 -1.39 0.00	50.13 -1.38 0.00	56.46 -1.49 0.00	82.47 -2.34 0.00	71.31 -1.97 0.00	42.98 -1.25 0.00
NM_CAPITAL___DRP 24208	50.98 0.27 0.00	54.89 0.28 0.00	56.38 0.32 0.00	55.33 0.27 0.00	59.75 0.33 0.00	56.25 0.34 0.00	54.93 0.45 0.00	73.10 0.80 0.00	73.57 0.90 0.00	58.06 0.58 0.00	62.17 0.67 0.00	51.94 0.45 0.00	70.84 0.63 0.00	59.10 0.65 0.00	56.83 0.69 0.00	55.86 0.80 0.00	53.19 0.82 0.00	51.25 0.72 0.00	49.77 0.73 0.00	52.25 0.73 0.00	58.64 0.68 0.00	85.60 0.78 0.00	73.85 0.57 0.00	44.66 0.43 0.00

NM_CENTRAL___DRP 24181	50.56 -0.15 0.00	54.45 -0.16 0.00	55.85 -0.20 0.00	54.91 -0.15 0.00	59.21 -0.21 0.00	55.73 -0.18 0.00	54.33 -0.16 0.00	72.02 -0.28 0.00	72.37 -0.31 0.00	57.09 -0.39 0.00	61.10 -0.40 0.00	51.17 -0.32 0.00	69.86 -0.35 0.00	58.05 -0.41 0.00	55.67 -0.47 0.00	54.59 -0.47 0.00	51.89 -0.48 0.00	49.97 -0.56 0.00	48.52 -0.52 0.00	51.08 -0.44 0.00	57.53 -0.43 0.00	83.96 -0.86 0.00	72.58 -0.70 0.00	43.72 -0.51 0.00
NM_FRONTIER___DRP 24179	48.69 -2.02 0.00	52.84 -1.77 0.00	54.00 -2.06 0.00	53.22 -1.84 0.00	56.92 -2.50 0.00	53.42 -2.49 0.00	51.71 -2.78 0.00	66.94 -5.36 0.00	66.69 -5.99 0.00	52.51 -4.96 0.00	56.07 -5.43 0.00	47.18 -4.32 0.00	64.52 -5.69 0.00	53.39 -5.06 0.00	50.77 -5.38 0.00	49.56 -5.51 0.00	46.30 -6.06 0.00	44.05 -6.47 0.00	43.06 -5.98 0.00	45.77 -5.75 0.00	52.14 -5.82 0.00	75.89 -8.93 0.00	66.95 -6.33 0.00	40.25 -3.98 0.00
NM_ST_REGIS___HYD 24053	50.78 0.07 0.00	54.60 -0.01 0.00	56.01 -0.04 0.00	55.00 -0.06 0.00	59.43 0.00 0.00	55.83 -0.08 0.00	54.28 -0.21 0.00	71.38 -0.91 0.00	71.88 -0.80 0.00	57.29 -0.18 0.00	61.09 -0.40 0.00	51.02 -0.47 0.00	69.04 -1.18 0.00	57.49 -0.97 0.00	55.56 -0.59 0.00	54.47 -0.59 0.00	51.89 -0.47 0.00	50.48 -0.04 0.00	48.79 -0.25 0.00	51.63 0.12 0.00	58.27 0.31 0.00	85.14 0.32 0.00	73.58 0.30 0.00	44.72 0.50 0.00
NORTHPORT___1 23551	51.39 0.68 0.00	55.43 0.83 0.00	56.80 0.75 0.00	55.84 0.78 0.00	60.13 0.70 0.00	55.54 0.27 0.65	55.01 0.53 0.00	72.87 0.59 0.01	73.87 1.20 0.00	59.00 1.53 0.00	62.67 1.18 0.00	52.64 1.15 0.00	71.37 1.22 0.06	59.32 1.77 0.91	57.56 1.77 0.35	56.41 1.57 0.22	53.85 1.49 0.00	51.77 1.25 0.01	50.41 1.38 0.00	50.36 1.48 2.64	48.83 1.16 10.29	86.02 1.22 0.01	74.54 1.26 0.00	44.83 0.60 0.00
NORTHPORT___2 23552	51.39 0.68 0.00	55.43 0.83 0.00	56.80 0.75 0.00	55.84 0.78 0.00	60.13 0.70 0.00	55.54 0.27 0.65	55.01 0.53 0.00	72.87 0.59 0.01	73.87 1.20 0.00	59.00 1.53 0.00	62.67 1.18 0.00	52.64 1.15 0.00	71.37 1.22 0.06	59.32 1.77 0.91	57.56 1.77 0.35	56.41 1.57 0.22	53.85 1.49 0.00	51.77 1.25 0.01	50.41 1.38 2.64	50.36 1.48 2.64	48.83 1.16 10.29	86.02 1.22 0.01	74.54 1.26 0.00	44.83 0.60 0.00
NORTHPORT___3 23553	50.84 0.13 0.00	54.89 0.29 0.01	56.31 0.26 0.00	55.36 0.30 0.00	59.62 0.19 0.00	55.08 -0.19 0.64	54.53 0.04 0.00	72.30 0.02 0.01	73.23 0.56 0.00	58.43 0.95 0.00	62.25 0.75 0.01	52.24 0.75 0.01	70.86 0.71 0.06	58.84 1.30 0.92	57.10 1.32 0.36	55.97 1.13 0.22	53.42 1.06 0.01	51.38 0.86 0.01	50.01 0.98 0.01	49.98 1.10 2.63	48.43 0.72 10.25	85.28 0.48 0.02	73.84 0.56 0.00	44.43 0.21 0.00
NORTHPORT___4 23650	50.84 0.13 0.00	54.89 0.29 0.01	56.31 0.26 0.00	55.36 0.30 0.00	59.62 0.19 0.00	55.08 -0.19 0.64	54.53 0.04 0.00	72.30 0.02 0.01	73.23 0.56 0.00	58.43 0.95 0.00	62.25 0.75 0.01	52.24 0.75 0.01	70.86 0.71 0.06	58.84 1.30 0.92	57.10 1.32 0.36	55.97 1.13 0.22	53.42 1.06 0.01	51.38 0.86 0.01	50.01 0.98 0.01	49.98 1.10 2.63	48.43 0.72 10.25	85.28 0.48 0.02	73.84 0.56 0.00	44.43 0.21 0.00
NORTHPORT___IC 23718	51.39 0.68 0.00	55.44 0.84 0.00	56.80 0.75 0.00	55.83 0.77 0.00	60.12 0.69 0.00	55.53 0.27 0.65	55.02 0.53 0.00	72.87 0.59 0.01	73.88 1.20 0.00	59.00 1.53 0.00	62.68 1.18 0.00	52.64 1.15 0.00	71.36 1.22 0.06	59.32 1.77 0.91	57.55 1.76 0.35	56.41 1.57 0.22	53.85 1.49 0.00	51.77 1.25 0.01	50.41 1.38 0.00	50.36 1.48 2.64	48.82 1.15 10.29	86.02 1.22 0.01	74.54 1.26 0.00	44.83 0.60 0.00
NORTH___COUNTRY_ESR 323785	51.41 0.70 0.00	55.09 0.48 0.00	56.52 0.47 0.00	55.37 0.31 0.00	59.85 0.42 0.00	56.32 0.41 0.00	54.87 0.38 0.00	72.60 0.30 0.00	73.19 0.51 0.00	58.13 0.66 0.00	62.00 0.50 0.00	51.92 0.42 0.00	70.76 0.55 0.00	58.94 0.48 0.00	56.61 0.47 0.00	55.51 0.45 0.00	52.88 0.52 0.00	51.24 0.71 0.00	49.73 0.69 0.00	52.34 0.82 0.00	58.96 1.00 0.00	86.33 1.51 0.00	74.74 1.46 0.00	45.29 1.07 0.00
NPX_GEN_1385_PROXY 323591	51.38 0.68 0.00	55.41 0.81 0.00	56.54 0.49 0.00	55.50 0.44 0.00	60.11 0.69 0.00	55.52 0.25 0.65	54.75 0.27 0.00	72.15 -0.13 0.01	73.35 0.67 0.00	59.17 1.70 0.00	62.49 0.99 0.00	52.03 0.54 0.00	70.55 0.40 0.06	58.90 1.34 0.91	57.54 1.75 0.35	56.35 1.51 0.22	53.83 1.47 0.00	51.63 1.11 0.01	50.25 1.21 0.00	49.80 0.92 2.64	48.22 0.55 10.29	85.87 1.07 0.01	74.51 1.23 0.00	44.83 0.61 0.00
NPX_GEN_CSC 323557	50.32 -0.40 0.00	54.15 -0.46 0.00	55.44 -0.62 0.00	54.49 -0.58 0.00	58.71 -0.71 0.00	54.42 -0.85 0.64	55.09 0.61 0.00	73.14 0.85 0.01	73.79 1.11 0.00	58.93 1.46 0.00	61.93 0.43 0.00	52.07 0.58 0.00	70.50 0.35 0.06	58.62 0.99 0.83	56.83 1.00 0.32	55.71 0.86 0.20	53.22 0.86 0.00	51.13 0.61 0.00	49.84 0.81 0.00	49.91 0.94 2.55	48.45 0.54 10.05	85.04 0.24 0.01	74.42 1.14 0.00	44.76 0.53 0.00
NSINS_S___GLNS_FALLS 23858	53.04 2.34 0.00	57.22 2.61 0.00	58.72 2.67 0.00	57.65 2.59 0.00	62.17 2.74 0.00	58.55 2.64 0.00	57.21 2.72 0.00	76.17 3.88 0.00	76.60 3.92 0.00	60.30 2.82 0.00	64.34 2.84 0.00	53.68 2.19 0.00	73.13 2.92 0.00	60.94 2.49 0.00	58.68 2.53 0.00	57.74 2.68 0.00	55.08 2.72 0.00	53.31 2.78 0.00	51.85 2.81 0.00	54.53 3.01 0.00	61.13 3.18 0.00	89.23 4.41 0.00	76.67 3.39 0.00	46.29 2.07 0.00
NUCOR_STEEL___DRP 24197	51.27 0.56 0.00	55.24 0.63 0.00	56.47 0.41 0.00	55.70 0.64 0.00	60.07 0.64 0.00	56.60 0.69 0.00	55.10 0.62 0.00	73.08 0.79 0.00	73.08 0.40 0.00	57.57 0.09 0.00	61.61 0.11 0.00	51.58 0.08 0.00	70.69 0.48 0.00	58.75 0.29 0.00	56.36 0.21 0.00	55.20 0.13 0.00	52.51 0.14 0.00	50.56 0.04 0.00	49.11 0.07 0.00	51.75 0.23 0.00	58.34 0.37 0.00	85.10 0.28 0.00	73.29 0.01 0.00	44.15 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	51.91 1.20 0.00	55.86 1.25 0.00	57.27 1.21 0.00	56.28 1.23 0.00	60.79 1.37 0.00	57.22 1.30 0.00	55.63 1.14 0.00	73.80 1.51 0.00	74.26 1.58 0.00	58.78 1.30 0.00	62.43 0.93 0.00	52.08 0.59 0.00	70.58 0.37 0.00	58.52 0.07 0.00	56.00 -0.15 0.00	55.10 0.04 0.00	52.49 0.13 0.00	50.95 0.42 0.00	49.40 0.36 0.00	52.27 0.75 0.00	59.07 1.12 0.00	86.66 1.85 0.00	74.81 1.53 0.00	45.05 0.82 0.00
NYISO_LBMP_REFERENCE 24008	50.71 0.00 0.00	54.61 0.00 0.00	56.06 0.00 0.00	55.06 0.00 0.00	59.43 0.00 0.00	55.91 0.00 0.00	54.49 0.00 0.00	72.29 0.00 0.00	72.68 0.00 0.00	57.48 0.00 0.00	61.50 0.00 0.00	51.49 0.00 0.00	70.21 0.00 0.00	58.46 0.00 0.00	56.14 0.00 0.00	55.06 0.00 0.00	52.36 0.00 0.00	50.53 0.00 0.00	49.04 0.00 0.00	51.52 0.00 0.00	57.96 0.00 0.00	84.82 0.00 0.00	73.28 0.00 0.00	44.23 0.00 0.00

NYPA_BRENTWD____GT 24164	51.83 1.12 0.00	55.86 1.25 0.00	57.18 1.13 0.00	56.19 1.13 0.00	60.57 1.14 0.00	56.05 0.76 0.63	55.67 1.18 0.00	73.87 1.59 0.01	74.87 2.20 0.00	59.77 2.30 0.00	63.50 2.00 0.00	53.35 1.86 0.00	72.31 2.16 0.06	60.25 2.53 0.74	58.34 2.48 0.28	57.15 2.27 0.19	54.54 2.18 0.00	52.45 1.93 0.00	51.11 2.07 0.00	51.31 2.23 2.44	50.21 2.00 9.75	87.17 2.36 0.01	75.56 2.28 0.00	45.41 1.18 0.00
NYPA_GOWANUS____GT5 24156	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NYPA_GOWANUS____GT6 24157	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.99 2.55 -0.01	59.31 2.53 -0.86	57.52 2.68 -0.35	76.18 3.88 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.30 -35.98	90.78 4.50 -16.08	90.77 3.84 -28.47	90.76 3.79 -30.83	90.76 3.72 -31.97	90.76 3.65 -34.75	90.76 3.41 -36.82	81.40 3.35 -29.01	90.77 3.49 -35.76	90.76 3.66 -29.14	95.99 4.85 -6.33	89.39 4.01 -12.09	63.38 2.40 -16.76
NYPA_HARLEM_RVR__GT1 24160	52.68 1.97 0.00	56.67 2.06 0.00	58.19 2.13 0.00	57.22 2.16 0.00	61.74 2.32 0.00	58.20 2.29 0.00	56.88 2.39 0.00	75.86 3.57 0.00	76.75 4.08 0.00	60.70 3.22 0.00	65.01 3.51 0.00	54.52 3.02 0.00	74.39 4.18 0.00	62.04 3.58 0.00	59.63 3.49 0.00	58.48 3.42 0.00	55.73 3.36 -0.01	53.68 3.15 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.33 3.37 0.00	89.27 4.45 0.00	76.93 3.65 0.00	46.34 2.11 -0.01
NYPA_HARLEM_RVR__GT2 24161	52.68 1.97 0.00	56.67 2.06 0.00	58.19 2.13 0.00	57.22 2.16 0.00	61.74 2.32 0.00	58.20 2.29 0.00	56.88 2.39 0.00	75.86 3.57 0.00	76.75 4.08 0.00	60.70 3.22 0.00	65.01 3.51 0.00	54.52 3.02 0.00	74.39 4.18 0.00	62.04 3.58 0.00	59.63 3.49 0.00	58.48 3.42 0.00	55.73 3.36 -0.01	53.68 3.15 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.33 3.37 0.00	89.27 4.45 0.00	76.93 3.65 0.00	46.34 2.11 -0.01
NYPA_KENT____GT 24152	56.42 2.20 -3.51	57.77 2.28 -0.88	58.60 2.27 -0.28	57.35 2.28 0.00	61.87 2.44 0.00	58.83 2.40 -0.51	57.22 2.52 -0.21	75.97 3.67 0.00	78.94 4.18 -2.08	67.74 3.32 -6.94	80.49 3.67 -15.32	76.32 3.18 -21.65	84.23 4.34 -9.68	79.33 3.74 -17.13	78.37 3.67 -18.55	77.92 3.61 -19.24	76.82 3.54 -20.91	75.99 3.31 -22.16	69.74 3.25 -17.46	76.43 3.39 -21.52	79.03 3.54 -17.53	93.29 4.66 -3.81	84.23 3.86 -7.09	56.39 2.29 -9.86
NYPA_POUCH1____GT 24155	58.74 2.21 -5.82	58.30 2.22 -1.47	58.69 2.18 -0.46	57.29 2.22 -0.02	61.79 2.36 -0.01	59.13 2.36 -0.86	57.39 2.56 -0.35	75.97 3.67 -0.01	80.29 4.15 -3.46	70.02 3.26 -9.29	76.74 3.53 -11.71	59.42 3.05 -4.87	75.12 4.18 -0.72	62.04 3.57 -0.01	60.88 3.55 -1.19	78.05 3.51 -19.48	69.79 3.43 -14.00	87.58 3.21 -33.84	57.24 3.14 -5.06	62.57 3.26 -7.79	82.56 3.46 -21.15	95.74 4.59 -6.33	89.17 3.80 -12.09	63.27 2.28 -16.76
NYPA_VERNON____GT2 24162	54.00 2.11 -1.19	57.09 2.19 -0.30	58.33 2.17 -0.10	57.23 2.17 0.00	61.76 2.33 0.00	58.39 2.30 -0.17	56.97 2.42 -0.07	75.86 3.57 0.00	77.42 4.04 -0.70	63.03 3.21 -2.35	70.23 3.55 -5.18	61.89 3.06 -7.33	77.68 4.20 -3.27	67.88 3.63 -5.80	65.99 3.56 -6.28	65.07 3.50 -6.51	62.88 3.44 -7.08	61.24 3.21 -7.50	58.09 3.14 -5.91	62.09 3.29 -7.28	67.30 3.41 -5.93	90.58 4.48 -1.29	79.06 3.70 -2.08	49.38 2.19 -2.97
NYPA_VERNON____GT3 24163	54.00 2.11 -1.19	57.09 2.19 -0.30	58.33 2.17 -0.10	57.23 2.17 0.00	61.76 2.33 0.00	58.39 2.30 -0.17	56.97 2.42 -0.07	75.86 3.57 0.00	77.42 4.04 -0.70	63.03 3.21 -2.35	70.23 3.55 -5.18	61.89 3.06 -7.33	77.68 4.20 -3.27	67.88 3.63 -5.80	65.99 3.56 -6.28	65.07 3.50 -6.51	62.88 3.44 -7.08	61.24 3.21 -7.50	58.09 3.14 -5.91	62.09 3.29 -7.28	67.30 3.41 -5.93	90.58 4.48 -1.29	79.06 3.70 -2.08	49.38 2.19 -2.97
NYPA____ASTORIA_CC1 323568	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.70 2.27 0.00	58.16 2.25 0.00	56.87 2.39 0.00	75.79 3.50 0.00	76.66 3.98 0.00	60.63 3.15 0.00	64.98 3.48 0.00	54.50 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.52 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.38 0.00	76.92 3.64 0.00	46.46 2.15 -0.09
NYPA____ASTORIA_CC2 323569	52.75 2.05 0.00	56.74 2.13 0.00	58.17 2.12 0.00	57.17 2.11 0.00	61.70 2.27 0.00	58.16 2.25 0.00	56.87 2.39 0.00	75.79 3.50 0.00	76.66 3.98 0.00	60.63 3.15 0.00	64.98 3.48 0.00	54.50 3.01 0.00	74.32 4.11 0.00	62.02 3.56 0.00	59.66 3.52 0.00	58.52 3.45 0.00	55.75 3.39 -0.01	53.69 3.16 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.31 3.35 0.00	89.20 4.38 0.00	76.92 3.64 0.00	46.46 2.15 -0.09
NYPA____HOLTSVILL 23794	51.11 0.40 0.00	55.05 0.45 0.00	56.36 0.31 0.00	55.40 0.34 0.00	59.70 0.28 0.00	55.29 0.01 0.64	55.18 0.70 0.00	73.21 0.92 0.01	74.11 1.44 0.00	59.19 1.71 0.00	62.70 1.20 0.00	52.71 1.22 0.00	71.40 1.25 0.06	59.38 1.76 0.84	57.57 1.74 0.32	56.44 1.58 0.21	53.88 1.52 0.00	51.77 1.25 0.00	50.46 1.42 0.00	50.51 1.55 2.56	49.15 1.26 10.07	86.06 1.26 0.01	74.75 1.47 0.00	44.97 0.74 0.00
NYPA____HELLGATE_GT1 24158	52.68 1.97 0.00	56.67 2.06 0.00	58.19 2.13 0.00	57.22 2.16 0.00	61.74 2.32 0.00	58.20 2.29 0.00	56.88 2.39 0.00	75.86 3.57 0.00	76.75 4.08 0.00	60.70 3.22 0.00	65.01 3.51 0.00	54.52 3.02 0.00	74.39 4.18 0.00	62.04 3.58 0.00	59.63 3.49 0.00	58.48 3.42 0.00	55.73 3.36 -0.01	53.68 3.15 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.33 3.37 0.00	89.27 4.45 0.00	76.93 3.65 0.00	46.34 2.11 -0.01
NYPA____HELLGATE_GT2 24159	52.68 1.97 0.00	56.67 2.06 0.00	58.19 2.13 0.00	57.22 2.16 0.00	61.74 2.32 0.00	58.20 2.29 0.00	56.88 2.39 0.00	75.86 3.57 0.00	76.75 4.08 0.00	60.70 3.22 0.00	65.01 3.51 0.00	54.52 3.02 0.00	74.39 4.18 0.00	62.04 3.58 0.00	59.63 3.49 0.00	58.48 3.42 0.00	55.73 3.36 -0.01	53.68 3.15 0.00	52.13 3.09 0.00	54.76 3.24 0.00	61.33 3.37 0.00	89.27 4.45 0.00	76.93 3.65 0.00	46.34 2.11 -0.01
NYS_BARGE____HYD 23848	49.25 -1.46 0.00	53.34 -1.26 0.00	54.54 -1.52 0.00	53.76 -1.30 0.00	57.51 -1.92 0.00	54.03 -1.88 0.00	52.39 -2.10 0.00	68.12 -4.17 0.00	68.06 -4.62 0.00	53.59 -3.89 0.00	57.24 -4.26 0.00	48.19 -3.30 0.00	65.78 -4.43 0.00	54.44 -4.02 0.00	51.76 -4.39 0.00	50.52 -4.54 0.00	47.23 -5.14 0.00	45.03 -5.50 0.00	44.01 -5.03 0.00	46.75 -4.77 0.00	53.28 -4.67 0.00	77.57 -7.25 0.00	68.32 -4.96 0.00	41.05 -3.18 0.00

OAK ORCHARD___HYD 24046	50.32 -0.39 0.00	54.36 -0.25 0.00	55.65 -0.41 0.00	54.77 -0.29 0.00	58.85 -0.58 0.00	55.38 -0.54 0.00	53.86 -0.63 0.00	70.84 -1.46 0.00	71.07 -1.61 0.00	56.06 -1.42 0.00	59.96 -1.54 0.00	50.31 -1.19 0.00	68.71 -1.50 0.00	56.98 -1.47 0.00	54.43 -1.71 0.00	53.26 -1.80 0.00	50.28 -2.09 0.00	48.23 -2.30 0.00	46.95 -2.10 0.00	49.62 -1.89 0.00	56.21 -1.74 0.00	81.91 -2.91 0.00	71.24 -2.04 0.00	42.83 -1.40 0.00
OAKDALE___35_KV_LOAD 356122	51.20 0.49 0.00	55.19 0.58 0.00	56.63 0.58 0.00	55.64 0.58 0.00	59.98 0.56 0.00	56.46 0.55 0.00	55.04 0.55 0.00	72.91 0.62 0.00	73.12 0.44 0.00	57.58 0.10 0.00	61.75 0.25 0.00	51.78 0.29 0.00	70.73 0.52 0.00	58.77 0.31 0.00	56.27 0.12 0.00	55.12 0.06 0.00	52.43 0.06 0.00	50.37 -0.16 0.00	48.87 -0.17 0.00	51.49 -0.03 0.00	58.03 0.07 0.00	84.70 -0.11 0.00	73.26 -0.02 0.00	44.20 -0.03 0.00
OCC_CHEM___DRP 24175	48.80 -1.91 0.00	52.96 -1.65 0.00	54.12 -1.94 0.00	53.35 -1.72 0.00	57.05 -2.38 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.17 0.00	66.90 -5.77 0.00	52.67 -4.80 0.00	56.24 -5.26 0.00	47.33 -4.16 0.00	64.73 -5.48 0.00	53.56 -4.89 0.00	50.92 -5.22 0.00	49.72 -5.34 0.00	46.45 -5.91 0.00	44.19 -6.33 0.00	43.20 -5.84 0.00	45.92 -5.60 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.15 -6.12 0.00	40.36 -3.86 0.00
OH_GEN_PROXY 24063	48.95 -1.76 0.00	53.10 -1.51 0.00	54.29 -1.77 0.00	53.50 -1.57 0.00	57.24 -2.18 0.00	53.76 -2.16 0.00	52.09 -2.40 0.00	67.78 -4.52 0.00	67.72 -4.96 0.00	53.30 -4.18 0.00	56.93 -4.57 0.00	47.91 -3.58 0.00	65.52 -4.69 0.00	54.22 -4.24 0.00	51.62 -4.53 0.00	50.40 -4.66 0.00	47.20 -5.17 0.00	44.90 -5.62 0.00	43.83 -5.21 0.00	46.54 -4.98 0.00	53.03 -4.92 0.00	77.23 -7.59 0.00	67.87 -5.42 0.00	40.80 -3.43 0.00
OLIN_CORP_DRP 24177	48.57 -2.14 0.00	52.63 -1.98 0.00	53.82 -2.23 0.00	53.05 -2.01 0.00	56.77 -2.66 0.00	53.29 -2.62 0.00	51.62 -2.86 0.00	67.06 -5.23 0.00	66.94 -5.74 0.00	52.71 -4.77 0.00	56.30 -5.20 0.00	47.40 -4.10 0.00	64.73 -5.48 0.00	53.59 -4.87 0.00	50.94 -5.21 0.00	49.72 -5.34 0.00	46.44 -5.93 0.00	44.24 -6.28 0.00	43.26 -5.78 0.00	45.95 -5.56 0.00	52.34 -5.62 0.00	76.21 -8.60 0.00	67.23 -6.05 0.00	40.41 -3.82 0.00
OLIN_CORP_DSASP 323712	48.80 -1.91 0.00	52.95 -1.65 0.00	54.12 -1.94 0.00	53.34 -1.72 0.00	57.02 -2.41 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.16 0.00	66.90 -5.77 0.00	52.67 -4.81 0.00	56.24 -5.26 0.00	47.34 -4.16 0.00	64.73 -5.48 0.00	53.57 -4.89 0.00	50.94 -5.21 0.00	49.73 -5.34 0.00	46.46 -5.90 0.00	44.20 -6.32 0.00	43.21 -5.83 0.00	45.91 -5.61 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.16 -6.12 0.00	40.36 -3.86 0.00
ONEIDA_HERK_LFGE 323681	51.89 1.18 0.00	55.85 1.24 0.00	57.28 1.23 0.00	56.28 1.22 0.00	60.77 1.35 0.00	57.21 1.30 0.00	55.75 1.26 0.00	74.03 1.74 0.00	74.49 1.82 0.00	58.91 1.43 0.00	62.86 1.35 0.00	52.47 0.98 0.00	71.38 1.17 0.00	59.36 0.91 0.00	56.94 0.79 0.00	55.91 0.85 0.00	53.26 0.89 0.00	51.49 0.96 0.00	49.98 0.94 0.00	52.67 1.15 0.00	59.36 1.41 0.00	86.84 2.02 0.00	74.94 1.67 0.00	45.14 0.91 0.00
ONEIDA___115KV_TB4 55905	51.99 1.28 0.00	55.95 1.34 0.00	57.40 1.34 0.00	56.39 1.33 0.00	60.86 1.44 0.00	57.31 1.40 0.00	55.90 1.42 0.00	74.25 1.95 0.00	74.68 2.00 0.00	58.96 1.48 0.00	63.05 1.55 0.00	52.71 1.22 0.00	71.83 1.62 0.00	59.78 1.33 0.00	57.44 1.29 0.00	56.32 1.26 0.00	53.64 1.27 0.00	51.75 1.22 0.00	50.28 1.24 0.00	52.90 1.38 0.00	59.55 1.59 0.00	86.94 2.12 0.00	75.04 1.76 0.00	45.18 0.96 0.00
ONONDAGA_REF_OCCRA 23987	50.88 0.17 0.00	54.79 0.18 0.00	56.21 0.16 0.00	55.24 0.18 0.00	59.57 0.15 0.00	56.08 0.17 0.00	54.68 0.19 0.00	72.49 0.20 0.00	72.82 0.15 0.00	57.44 -0.03 0.00	61.47 -0.02 0.00	51.51 0.02 0.00	70.29 0.08 0.00	58.43 -0.02 0.00	56.03 -0.11 0.00	54.95 -0.11 0.00	52.25 -0.11 0.00	50.34 -0.19 0.00	48.88 -0.15 0.00	51.45 -0.07 0.00	57.95 -0.01 0.00	84.55 -0.27 0.00	73.10 -0.18 0.00	44.02 -0.20 0.00
ONONDAGA___COGEN 23986	50.83 0.12 0.00	54.74 0.13 0.00	56.13 0.07 0.00	55.19 0.13 0.00	59.53 0.10 0.00	56.05 0.14 0.00	54.63 0.14 0.00	72.42 0.13 0.00	72.72 0.05 0.00	57.37 -0.11 0.00	61.39 -0.11 0.00	51.42 -0.08 0.00	70.21 0.00 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.87 -0.19 0.00	52.18 -0.18 0.00	50.27 -0.26 0.00	48.82 -0.22 0.00	51.39 -0.13 0.00	57.86 -0.09 0.00	84.45 -0.37 0.00	72.96 -0.32 0.00	43.97 -0.26 0.00
ONTARIO___LFGE 23819	51.49 0.79 0.00	55.47 0.87 0.00	56.75 0.69 0.00	55.87 0.81 0.00	60.03 0.61 0.00	56.59 0.68 0.00	55.26 0.77 0.00	72.77 0.48 0.00	72.80 0.13 0.00	57.42 -0.05 0.00	61.48 -0.02 0.00	51.55 0.05 0.00	70.39 0.18 0.00	58.38 -0.08 0.00	55.98 -0.17 0.00	54.83 -0.23 0.00	52.08 -0.28 0.00	49.95 -0.58 0.00	48.57 -0.48 0.00	51.21 -0.31 0.00	57.87 -0.09 0.00	84.28 -0.54 0.00	73.02 -0.26 0.00	44.09 -0.14 0.00
ORANGEVILLE_WT_PWR 323706	50.15 -0.56 0.00	54.24 -0.37 0.00	55.50 -0.56 0.00	54.66 -0.41 0.00	58.59 -0.84 0.00	55.09 -0.82 0.00	53.55 -0.93 0.00	70.10 -2.19 0.00	69.92 -2.75 0.00	54.94 -2.53 0.00	58.61 -2.88 0.00	49.19 -2.30 0.00	67.20 -3.01 0.00	55.61 -2.85 0.00	52.97 -3.18 0.00	51.81 -3.25 0.00	48.65 -3.71 0.00	46.50 -4.03 0.00	45.40 -3.64 0.00	48.27 -3.25 0.00	55.14 -2.82 0.00	80.46 -4.36 0.00	70.38 -2.90 0.00	42.28 -1.94 0.00
ORANGEVILLE___ESR 323794	50.15 -0.56 0.00	54.24 -0.37 0.00	55.50 -0.56 0.00	54.66 -0.41 0.00	58.59 -0.84 0.00	55.09 -0.82 0.00	53.55 -0.93 0.00	70.10 -2.19 0.00	69.92 -2.75 0.00	54.94 -2.53 0.00	58.61 -2.88 0.00	49.19 -2.30 0.00	67.20 -3.01 0.00	55.61 -2.85 0.00	52.97 -3.18 0.00	51.81 -3.25 0.00	48.65 -3.71 0.00	46.50 -4.03 0.00	45.40 -3.64 0.00	48.27 -3.25 0.00	55.14 -2.82 0.00	80.46 -4.36 0.00	70.38 -2.90 0.00	42.28 -1.94 0.00
OSWEGATCHIE___HYD 24044	50.93 0.22 0.00	54.83 0.23 0.00	56.22 0.17 0.00	55.26 0.20 0.00	59.72 0.29 0.00	56.13 0.23 0.00	54.49 0.00 0.00	71.94 -0.35 0.00	72.37 -0.30 0.00	57.49 0.01 0.00	61.14 -0.37 0.00	51.01 -0.48 0.00	68.99 -1.22 0.00	57.29 -1.17 0.00	55.13 -1.01 0.00	54.13 -0.94 0.00	51.56 -0.81 0.00	50.15 -0.38 0.00	48.53 -0.51 0.00	51.42 -0.10 0.00	58.11 0.15 0.00	85.16 0.34 0.00	73.43 0.15 0.00	44.44 0.21 0.00
OSWEGO___5 23606	49.96 -0.75 0.00	53.81 -0.80 0.00	55.21 -0.85 0.00	54.26 -0.81 0.00	58.54 -0.88 0.00	55.07 -0.84 0.00	53.66 -0.83 0.00	71.12 -1.17 0.00	71.49 -1.19 0.00	56.41 -1.07 0.00	60.35 -1.16 0.00	50.55 -0.94 0.00	68.98 -1.23 0.00	57.34 -1.12 0.00	54.99 -1.15 0.00	53.90 -1.16 0.00	51.23 -1.13 0.00	49.38 -1.15 0.00	47.94 -1.10 0.00	50.45 -1.07 0.00	56.82 -1.14 0.00	82.98 -1.84 0.00	71.75 -1.52 0.00	43.25 -0.98 0.00

OSWEGO___6 23613	49.96 -0.75 0.00	53.81 -0.80 0.00	55.21 -0.85 0.00	54.26 -0.81 0.00	58.54 -0.88 0.00	55.07 -0.84 0.00	53.66 -0.83 0.00	71.12 -1.17 0.00	71.49 -1.19 0.00	56.41 -1.07 0.00	60.35 -1.16 0.00	50.55 -0.94 0.00	68.98 -1.23 0.00	57.34 -1.12 0.00	54.99 -1.15 0.00	53.90 -1.16 0.00	51.23 -1.13 0.00	49.38 -1.15 0.00	47.94 -1.10 0.00	50.45 -1.07 0.00	56.82 -1.14 0.00	82.98 -1.84 0.00	71.75 -1.52 0.00	43.25 -0.98 0.00
OUTOKUMPU-AB___DRP 24206	49.87 -0.84 0.00	54.04 -0.56 0.00	55.21 -0.85 0.00	54.42 -0.64 0.00	58.25 -1.18 0.00	54.68 -1.23 0.00	53.01 -1.47 0.00	68.92 -3.37 0.00	68.79 -3.89 0.00	54.18 -3.30 0.00	57.90 -3.60 0.00	48.74 -2.76 0.00	66.58 -3.64 0.00	55.10 -3.36 0.00	52.39 -3.76 0.00	51.12 -3.94 0.00	47.85 -4.52 0.00	45.55 -4.98 0.00	44.51 -4.53 0.00	47.28 -4.24 0.00	53.81 -4.15 0.00	78.33 -6.49 0.00	68.96 -4.32 0.00	41.43 -2.79 0.00
OXBOW___BTM 323836	49.29 -1.42 0.00	53.44 -1.17 0.00	54.61 -1.45 0.00	53.82 -1.24 0.00	57.55 -1.87 0.00	54.04 -1.87 0.00	52.36 -2.13 0.00	67.95 -4.34 0.00	67.78 -4.90 0.00	53.38 -4.10 0.00	57.03 -4.47 0.00	48.00 -3.49 0.00	65.60 -4.62 0.00	54.28 -4.18 0.00	51.61 -4.53 0.00	50.38 -4.68 0.00	47.11 -5.25 0.00	44.86 -5.67 0.00	43.82 -5.22 0.00	46.56 -4.96 0.00	53.01 -4.94 0.00	77.16 -7.66 0.00	67.99 -5.30 0.00	40.85 -3.37 0.00
OXBOW____ 24026	49.29 -1.42 0.00	53.44 -1.17 0.00	54.60 -1.45 0.00	53.82 -1.24 0.00	57.58 -1.84 0.00	54.04 -1.87 0.00	52.36 -2.13 0.00	67.94 -4.35 0.00	67.78 -4.90 0.00	53.37 -4.10 0.00	57.03 -4.47 0.00	47.99 -3.50 0.00	65.60 -4.62 0.00	54.28 -4.18 0.00	51.60 -4.54 0.00	50.38 -4.69 0.00	47.10 -5.26 0.00	44.84 -5.69 0.00	43.82 -5.22 0.00	46.56 -4.96 0.00	53.01 -4.95 0.00	77.15 -7.66 0.00	67.99 -5.30 0.00	40.85 -3.37 0.00
OXY_CHEM_DSASP 323612	48.80 -1.91 0.00	52.96 -1.65 0.00	54.12 -1.94 0.00	53.35 -1.72 0.00	57.05 -2.38 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.17 0.00	66.90 -5.77 0.00	52.67 -4.80 0.00	56.24 -5.26 0.00	47.33 -4.16 0.00	64.73 -5.48 0.00	53.56 -4.89 0.00	50.92 -5.22 0.00	49.72 -5.34 0.00	46.45 -5.91 0.00	44.19 -6.33 0.00	43.20 -5.84 0.00	45.92 -5.60 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.15 -6.12 0.00	40.36 -3.86 0.00
OZONE_PARK_ESR 323760	53.11 2.40 0.00	57.10 2.49 0.00	58.51 2.46 0.00	57.48 2.42 0.00	62.03 2.61 0.00	58.50 2.58 0.00	57.20 2.71 0.00	76.26 3.97 0.00	77.11 4.43 0.00	60.96 3.49 0.00	65.35 3.85 0.00	54.83 3.33 0.00	74.80 4.59 0.00	62.38 3.92 0.00	59.99 3.85 0.00	58.84 3.77 0.00	56.08 3.72 0.00	53.98 3.46 0.00	52.43 3.39 0.00	55.09 3.56 0.00	61.69 3.73 0.00	89.79 4.97 0.00	77.41 4.13 0.00	46.66 2.43 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	48.80 -1.91 0.00	52.96 -1.65 0.00	54.12 -1.94 0.00	53.35 -1.72 0.00	57.05 -2.38 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.17 0.00	66.90 -5.77 0.00	52.67 -4.80 0.00	56.24 -5.26 0.00	47.33 -4.16 0.00	64.73 -5.48 0.00	53.56 -4.89 0.00	50.92 -5.22 0.00	49.72 -5.34 0.00	46.45 -5.91 0.00	44.19 -6.33 0.00	43.20 -5.84 0.00	45.92 -5.60 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.15 -6.12 0.00	40.36 -3.86 0.00
PACKARD___115KV_DUPONT_184 80571	48.80 -1.91 0.00	52.96 -1.65 0.00	54.12 -1.94 0.00	53.35 -1.72 0.00	57.05 -2.38 0.00	53.54 -2.37 0.00	51.83 -2.66 0.00	67.13 -5.17 0.00	66.90 -5.77 0.00	52.67 -4.80 0.00	56.24 -5.26 0.00	47.33 -4.16 0.00	64.73 -5.48 0.00	53.56 -4.89 0.00	50.92 -5.22 0.00	49.72 -5.34 0.00	46.45 -5.91 0.00	44.19 -6.33 0.00	43.20 -5.84 0.00	45.92 -5.60 0.00	52.32 -5.64 0.00	76.14 -8.67 0.00	67.15 -6.12 0.00	40.36 -3.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.51 1.80 0.00	56.50 1.89 0.00	57.97 1.91 0.00	56.96 1.90 0.00	61.46 2.04 0.00	57.96 2.05 0.00	56.68 2.19 0.00	75.60 3.30 0.00	76.45 3.78 0.00	60.49 3.01 0.00	64.81 3.31 0.00	54.36 2.86 0.00	74.15 3.94 0.00	61.84 3.38 0.00	59.47 3.32 0.00	58.31 3.24 0.00	55.58 3.21 -0.01	53.53 3.00 0.00	51.93 2.89 0.00	54.54 3.02 0.00	61.09 3.13 0.00	88.92 4.11 0.00	76.64 3.36 0.00	46.15 1.92 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.51 1.80 0.00	56.51 1.90 0.00	57.97 1.91 0.00	56.97 1.91 0.00	61.47 2.04 0.00	57.96 2.05 0.00	56.68 2.19 0.00	75.60 3.30 0.00	76.47 3.79 0.00	60.49 3.01 0.00	64.86 3.36 0.00	54.37 2.87 0.00	74.16 3.95 0.00	61.86 3.40 0.00	59.48 3.33 0.00	58.31 3.25 0.00	55.58 3.21 -0.01	53.54 3.01 0.00	51.93 2.89 0.00	54.55 3.03 0.00	61.09 3.13 0.00	88.94 4.12 0.00	76.64 3.36 0.00	46.16 1.92 -0.01
PATROON___115KV_TB1 80586	51.03 0.32 0.00	54.92 0.31 0.00	56.41 0.35 0.00	55.38 0.32 0.00	59.80 0.38 0.00	56.31 0.40 0.00	54.99 0.50 0.00	73.16 0.86 0.00	73.68 1.00 0.00	58.14 0.66 0.00	62.26 0.76 0.00	52.03 0.53 0.00	70.96 0.76 0.00	59.18 0.72 0.00	56.91 0.77 0.00	55.92 0.86 0.00	53.25 0.89 0.00	51.33 0.81 0.00	49.84 0.80 0.00	52.33 0.81 0.00	58.72 0.76 0.00	85.72 0.90 0.00	73.93 0.65 0.00	44.70 0.47 0.00
PATTRSNVILLE___SOLAR 323815	52.13 1.42 0.00	56.15 1.55 0.00	57.68 1.62 0.00	56.61 1.55 0.00	61.13 1.70 0.00	57.59 1.68 0.00	56.18 1.70 0.00	74.64 2.35 0.00	75.12 2.45 0.00	59.25 1.78 0.00	63.24 1.74 0.00	52.82 1.33 0.00	71.93 1.72 0.00	59.90 1.44 0.00	57.57 1.43 0.00	56.59 1.53 0.00	53.95 1.58 0.00	52.08 1.56 0.00	50.66 1.62 0.00	53.32 1.80 0.00	59.94 1.98 0.00	87.53 2.71 0.00	75.53 2.26 0.00	45.55 1.32 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	50.84 0.12 0.00	55.10 0.49 0.00	56.33 0.27 0.00	55.49 0.43 0.00	59.45 0.02 0.00	55.84 -0.07 0.00	54.23 -0.25 0.00	70.82 -1.48 0.00	70.80 -1.88 0.00	55.68 -1.80 0.00	59.65 -1.85 0.00	50.19 -1.30 0.00	68.63 -1.58 0.00	56.79 -1.67 0.00	54.03 -2.11 0.00	52.77 -2.29 0.00	49.59 -2.77 0.00	47.17 -3.36 0.00	45.99 -3.06 0.00	48.72 -2.80 0.00	55.37 -2.58 0.00	80.72 -4.10 0.00	70.67 -2.61 0.00	42.52 -1.70 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	52.61 1.90 0.00	56.59 1.98 0.00	58.05 2.00 0.00	57.06 2.00 0.00	61.61 2.18 0.00	58.09 2.18 0.00	56.82 2.33 0.00	75.77 3.47 0.00	76.51 3.84 0.00	60.49 3.02 0.00	64.87 3.38 0.00	54.40 2.90 0.00	74.17 3.95 0.00	61.83 3.37 0.00	59.40 3.25 0.00	58.29 3.23 0.00	55.52 3.16 0.00	53.49 2.96 0.00	52.00 2.96 0.00	54.61 3.08 0.00	61.17 3.21 0.00	89.08 4.27 0.00	76.77 3.49 0.00	46.25 2.02 0.00
PEEKSKILL____ 23653	51.85 1.14 0.00	55.81 1.20 0.00	57.25 1.20 0.00	56.28 1.22 0.00	60.79 1.36 0.00	57.30 1.39 0.00	56.05 1.57 0.00	74.71 2.42 0.00	75.37 2.70 0.00	59.53 2.05 0.00	63.87 2.37 0.00	53.54 2.05 0.00	72.99 2.78 0.00	60.87 2.41 0.00	58.50 2.35 0.00	57.39 2.33 0.00	54.68 2.32 0.00	52.71 2.19 0.00	51.24 2.20 0.00	53.77 2.26 0.00	60.23 2.27 0.00	87.78 2.96 0.00	75.70 2.42 0.00	45.64 1.42 0.00

PGE MADISON___WINDPWR 24146	54.79 4.08 0.00	58.83 4.22 0.00	60.44 4.38 0.00	59.41 4.35 0.00	64.02 4.60 0.00	60.41 4.50 0.00	58.87 4.39 0.00	78.00 5.71 0.00	78.34 5.67 0.00	61.45 3.97 0.00	66.01 4.51 0.00	55.26 3.77 0.00	75.63 5.42 0.00	62.74 4.28 0.00	59.76 3.61 0.00	58.50 3.44 0.00	55.97 3.61 0.00	54.29 3.76 0.00	52.85 3.81 0.00	55.71 4.19 0.00	62.84 4.88 0.00	90.92 6.10 0.00	78.05 4.77 0.00	46.97 2.74 0.00
PIERCEFIELD___HYD 23852	50.42 -0.29 0.00	54.29 -0.31 0.00	55.68 -0.37 0.00	54.72 -0.34 0.00	59.12 -0.30 0.00	55.52 -0.40 0.00	53.93 -0.55 0.00	70.84 -1.45 0.00	71.26 -1.42 0.00	56.86 -0.62 0.00	60.65 -0.85 0.00	50.62 -0.87 0.00	68.40 -1.81 0.00	56.97 -1.49 0.00	55.12 -1.02 0.00	54.05 -1.02 0.00	51.45 -0.92 0.00	50.08 -0.45 0.00	48.35 -0.70 0.00	51.20 -0.31 0.00	57.80 -0.15 0.00	84.46 -0.35 0.00	72.94 -0.34 0.00	44.38 0.16 0.00
PINELAWN_CC_1 323563	51.79 1.08 0.00	55.76 1.15 0.00	57.14 1.08 0.00	56.14 1.07 0.00	60.47 1.04 0.00	56.09 0.74 0.56	55.25 0.76 0.00	73.12 0.83 0.01	73.99 1.31 0.00	59.02 1.55 0.00	62.85 1.35 0.00	52.81 1.32 0.00	71.63 1.47 0.05	60.12 1.89 0.22	57.98 1.89 0.06	56.73 1.76 0.09	53.99 1.63 0.00	51.95 1.42 0.00	50.59 1.55 0.00	51.37 1.70 1.85	51.17 1.41 8.20	86.25 1.44 0.01	74.84 1.56 0.00	45.35 1.13 0.00
PJM_GEN_HTP_PROXY 323702	52.56 1.85 0.00	56.53 1.92 0.00	57.95 1.89 0.00	56.95 1.89 0.00	61.48 2.05 0.00	57.95 2.03 0.00	56.62 2.13 0.00	75.49 3.20 0.00	69.94 3.68 6.41	60.33 2.85 0.00	64.61 3.11 0.00	54.19 2.70 0.00	73.94 3.73 0.00	61.65 3.20 0.00	59.32 3.18 0.00	58.17 3.11 0.00	55.45 3.09 0.00	53.37 2.84 0.00	51.84 2.81 0.00	54.44 2.92 0.00	60.99 3.03 0.00	88.35 3.98 0.45	76.58 3.30 0.00	46.17 1.94 0.00
PJM_GEN_KEystone 24065	50.89 0.18 0.00	54.97 0.36 0.00	56.34 0.28 0.00	55.45 0.39 0.00	59.73 0.30 0.00	56.26 0.34 0.00	54.86 0.38 0.00	72.58 0.28 0.00	66.39 0.13 6.41	57.32 -0.16 0.00	61.59 0.09 0.00	51.68 0.18 0.00	70.62 0.41 0.00	58.74 0.28 0.00	56.24 0.09 0.00	55.06 0.00 0.00	52.28 -0.09 0.00	50.15 -0.38 0.00	48.71 -0.33 0.00	51.27 -0.24 0.00	57.75 -0.21 0.00	83.76 -0.60 0.45	72.98 -0.30 0.00	44.01 -0.22 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.53 0.82 0.00	55.52 0.92 0.01	56.90 0.85 0.01	55.93 0.87 0.00	60.27 0.84 0.00	55.86 0.63 0.69	55.39 0.91 0.00	73.57 1.29 0.01	68.07 1.82 6.42	59.28 1.81 0.00	63.21 1.72 0.01	53.10 1.62 0.01	72.07 1.93 0.07	59.52 2.29 1.22	57.91 2.25 0.49	56.89 2.11 0.28	54.30 1.94 0.01	52.23 1.72 0.01	50.84 1.80 0.01	50.53 2.01 3.00	48.44 1.75 11.27	86.30 1.95 0.47	75.05 1.77 0.00	45.16 0.93 0.00
PJM_GEN_VFT_PROXY 323633	52.25 1.54 0.00	56.22 1.61 0.00	57.61 1.56 0.00	56.63 1.57 0.00	61.14 1.71 0.00	57.65 1.73 0.00	56.37 1.88 0.00	75.18 2.89 0.00	69.59 3.33 6.41	60.05 2.57 0.00	64.35 2.85 0.00	53.96 2.47 0.00	73.61 3.40 0.00	61.41 2.96 0.00	59.07 2.93 0.00	57.93 2.86 0.00	55.21 2.85 0.00	53.20 2.67 0.00	51.67 2.63 0.00	54.25 2.73 0.00	60.73 2.77 0.00	87.96 3.60 0.45	76.22 2.94 0.00	45.96 1.74 0.00
PLATSBURG_115KV_PMLD1 355749	52.01 1.30 0.00	55.69 1.08 0.00	57.12 1.06 0.00	55.99 0.93 0.00	60.47 1.05 0.00	56.95 1.04 0.00	55.54 1.05 0.00	73.46 1.17 0.00	73.98 1.30 0.00	58.64 1.17 0.00	62.65 1.15 0.00	52.42 0.92 0.00	71.56 1.35 0.00	59.64 1.18 0.00	57.25 1.10 0.00	56.18 1.12 0.00	53.51 1.14 0.00	51.79 1.26 0.00	50.30 1.26 0.00	52.96 1.44 0.00	59.61 1.65 0.00	87.14 2.32 0.00	75.38 2.10 0.00	45.73 1.50 0.00
PLEASANTVLY___LBMP 24000	51.84 1.13 0.00	55.79 1.18 0.00	57.24 1.18 0.00	56.23 1.17 0.00	60.71 1.29 0.00	57.23 1.32 0.00	55.92 1.44 0.00	74.53 2.24 0.00	75.17 2.50 0.00	59.37 1.90 0.00	63.64 2.15 0.00	53.35 1.85 0.00	72.73 2.52 0.00	60.64 2.18 0.00	58.29 2.15 0.00	57.22 2.16 0.00	54.52 2.15 0.00	52.54 2.01 0.00	51.05 2.01 0.00	53.61 2.09 0.00	60.07 2.11 0.00	87.55 2.73 0.00	75.49 2.21 0.00	45.54 1.31 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.27 1.56 0.00	56.25 1.64 0.00	57.69 1.64 0.00	56.71 1.65 0.00	61.22 1.79 0.00	57.71 1.80 0.00	56.41 1.92 0.00	75.14 2.85 0.00	75.88 3.20 0.00	59.97 2.50 0.00	64.27 2.77 0.00	53.89 2.40 0.00	73.48 3.27 0.00	61.28 2.83 0.00	58.91 2.77 0.00	57.80 2.74 0.00	55.07 2.71 0.00	53.06 2.53 0.00	51.55 2.51 0.00	54.16 2.64 0.00	60.66 2.70 0.00	88.36 3.54 0.00	76.18 2.90 0.00	45.94 1.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.27 1.56 0.00	56.25 1.64 0.00	57.69 1.64 0.00	56.71 1.65 0.00	61.22 1.79 0.00	57.71 1.80 0.00	56.41 1.92 0.00	75.14 2.85 0.00	75.88 3.20 0.00	59.97 2.50 0.00	64.27 2.77 0.00	53.89 2.40 0.00	73.48 3.27 0.00	61.28 2.83 0.00	58.91 2.77 0.00	57.80 2.74 0.00	55.07 2.71 0.00	53.06 2.53 0.00	51.55 2.51 0.00	54.16 2.64 0.00	60.66 2.70 0.00	88.36 3.54 0.00	76.18 2.90 0.00	45.94 1.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.29 1.58 0.00	56.25 1.64 0.00	57.72 1.66 0.00	56.71 1.65 0.00	61.22 1.79 0.00	57.74 1.83 0.00	56.46 1.97 0.00	75.26 2.97 0.00	75.98 3.30 0.00	60.04 2.56 0.00	64.39 2.89 0.00	54.01 2.51 0.00	73.63 3.42 0.00	61.35 2.89 0.00	58.93 2.78 0.00	57.85 2.79 0.00	55.10 2.74 0.00	53.13 2.60 0.00	51.61 2.58 0.00	54.24 2.72 0.00	60.76 2.81 0.00	88.52 3.71 0.00	76.25 2.97 0.00	45.95 1.73 0.00
POLETTI___ 23519	52.61 1.90 0.00	56.58 1.97 0.00	57.99 1.93 0.00	56.98 1.92 0.00	61.50 2.08 0.00	57.99 2.08 0.00	56.69 2.20 0.00	75.58 3.28 0.00	76.43 3.76 0.00	60.41 2.93 0.00	64.72 3.23 0.00	54.29 2.80 0.00	74.05 3.84 0.00	61.76 3.30 0.00	59.42 3.27 0.00	58.26 3.20 0.00	55.53 3.17 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.07 3.12 0.00	88.92 4.10 0.00	76.65 3.37 0.00	46.22 2.00 0.00
POMONA___ESR 323819	51.86 1.15 0.00	55.82 1.21 0.00	57.26 1.20 0.00	56.32 1.26 0.00	60.84 1.42 0.00	57.35 1.44 0.00	56.11 1.62 0.00	74.80 2.51 0.00	75.42 2.75 0.00	59.56 2.08 0.00	63.94 2.44 0.00	53.59 2.10 0.00	73.07 2.86 0.00	60.92 2.46 0.00	58.53 2.38 0.00	57.42 2.35 0.00	54.71 2.35 0.00	52.77 2.24 0.00	51.28 2.24 0.00	53.81 2.30 0.00	60.27 2.31 0.00	87.86 3.04 0.00	75.75 2.47 0.00	45.65 1.43 0.00
PORT_JEFF_3 23555	51.24 0.53 0.00	55.20 0.59 0.00	56.50 0.44 0.00	55.53 0.47 0.00	59.85 0.42 0.00	55.43 0.16 0.64	55.35 0.86 0.00	73.47 1.18 0.01	74.37 1.69 0.00	59.39 1.91 0.00	62.93 1.43 0.00	52.90 1.42 0.00	71.67 1.52 0.06	59.60 1.97 0.83	57.77 1.95 0.32	56.64 1.78 0.20	54.06 1.70 0.00	51.97 1.45 0.00	50.65 1.62 0.00	50.73 1.76 2.55	49.41 1.48 10.03	86.39 1.58 0.01	75.02 1.74 0.00	45.11 0.88 0.00

PORT_JEFF_4 23616	51.24 0.53 0.00	55.20 0.59 0.00	56.50 0.44 0.00	55.53 0.47 0.00	59.85 0.42 0.00	55.43 0.16 0.64	55.35 0.86 0.00	73.47 1.18 0.01	74.37 1.69 0.00	59.39 1.91 0.00	62.93 1.43 0.00	52.90 1.42 0.00	71.67 1.52 0.06	59.60 1.97 0.83	57.77 1.95 0.32	56.64 1.78 0.20	54.06 1.70 0.00	51.97 1.45 0.00	50.65 1.62 0.00	50.73 1.76 2.55	49.41 1.48 10.03	86.39 1.58 0.01	75.02 1.74 0.00	45.11 0.88 0.00
PORT_JEFF_IC 23713	51.21 0.50 0.00	55.16 0.55 0.00	56.47 0.41 0.00	55.49 0.43 0.00	59.79 0.36 0.00	55.39 0.11 0.64	55.34 0.85 0.00	73.45 1.16 0.01	74.36 1.68 0.00	59.38 1.91 0.00	62.92 1.43 0.00	52.90 1.41 0.00	71.65 1.49 0.06	59.61 1.96 0.81	57.75 1.92 0.31	56.62 1.77 0.20	54.07 1.71 0.00	51.97 1.45 0.00	50.66 1.62 0.00	50.74 1.75 2.53	49.46 1.48 9.98	86.35 1.54 0.01	74.99 1.71 0.00	45.09 0.87 0.00
PPL PILGRIM_ST_GT1 24216	51.83 1.12 0.00	55.86 1.25 0.00	57.18 1.13 0.00	56.19 1.13 0.00	60.57 1.14 0.00	56.05 0.76 0.63	55.67 1.18 0.00	73.87 1.59 0.01	74.87 2.20 0.00	59.77 2.30 0.00	63.50 2.00 0.00	53.35 1.86 0.00	72.31 2.16 0.06	60.25 2.53 0.74	58.34 2.48 0.28	57.15 2.27 0.19	54.54 2.18 0.00	52.45 1.93 0.00	51.11 2.07 0.00	51.31 2.23 2.44	50.21 2.00 9.75	87.17 2.36 0.01	75.56 2.28 0.00	45.41 1.18 0.00
PPL PILGRIM_ST_GT2 24217	51.83 1.12 0.00	55.86 1.25 0.00	57.18 1.13 0.00	56.19 1.13 0.00	60.57 1.14 0.00	56.05 0.76 0.63	55.67 1.18 0.00	73.87 1.59 0.01	74.87 2.20 0.00	59.77 2.30 0.00	63.50 2.00 0.00	53.35 1.86 0.00	72.31 2.16 0.06	60.25 2.53 0.74	58.34 2.48 0.28	57.15 2.27 0.19	54.54 2.18 0.00	52.45 1.93 0.00	51.11 2.07 0.00	51.31 2.23 2.44	50.21 2.00 9.75	87.17 2.36 0.01	75.56 2.28 0.00	45.41 1.18 0.00
PPL_SHRM_GT3 24213	50.37 -0.34 0.00	54.20 -0.40 0.00	55.50 -0.56 0.00	54.54 -0.52 0.00	58.77 -0.66 0.00	54.48 -0.80 0.64	55.14 0.65 0.00	73.19 0.90 0.01	73.85 1.18 0.00	58.99 1.51 0.00	62.00 0.50 0.00	52.13 0.64 0.00	70.58 0.43 0.06	58.71 1.08 0.82	56.90 1.07 0.32	55.77 0.92 0.20	53.28 0.92 0.00	51.18 0.66 0.00	49.90 0.87 0.00	49.99 1.01 2.54	48.57 0.62 10.02	85.13 0.33 0.01	74.46 1.18 0.00	44.80 0.57 0.00
PPL_SHRM_GT4 24214	50.37 -0.34 0.00	54.20 -0.40 0.00	55.50 -0.56 0.00	54.54 -0.52 0.00	58.77 -0.66 0.00	54.48 -0.80 0.64	55.14 0.65 0.00	73.19 0.90 0.01	73.85 1.18 0.00	58.99 1.51 0.00	62.00 0.50 0.00	52.13 0.64 0.00	70.58 0.43 0.06	58.71 1.08 0.82	56.90 1.07 0.32	55.77 0.92 0.20	53.28 0.92 0.00	51.18 0.66 0.00	49.90 0.87 0.00	49.99 1.01 2.54	48.57 0.62 10.02	85.13 0.33 0.01	74.46 1.18 0.00	44.80 0.57 0.00
PROJECT___ORANGE 1 24174	50.58 -0.14 0.00	54.48 -0.13 0.00	55.89 -0.16 0.00	54.92 -0.13 0.00	59.25 -0.18 0.00	55.76 -0.15 0.00	54.35 -0.14 0.00	72.06 -0.23 0.00	72.40 -0.28 0.00	57.11 -0.36 0.00	61.12 -0.38 0.00	51.21 -0.28 0.00	69.87 -0.34 0.00	58.09 -0.37 0.00	55.70 -0.44 0.00	54.61 -0.45 0.00	51.91 -0.45 0.00	49.99 -0.54 0.00	48.57 -0.48 0.00	51.10 -0.42 0.00	57.55 -0.41 0.00	83.99 -0.83 0.00	72.63 -0.65 0.00	43.75 -0.47 0.00
PROJECT___ORANGE 2 24166	50.58 -0.14 0.00	54.48 -0.13 0.00	55.89 -0.16 0.00	54.92 -0.13 0.00	59.25 -0.18 0.00	55.76 -0.15 0.00	54.35 -0.14 0.00	72.06 -0.23 0.00	72.40 -0.28 0.00	57.11 -0.36 0.00	61.12 -0.38 0.00	51.21 -0.28 0.00	69.87 -0.34 0.00	58.09 -0.37 0.00	55.70 -0.44 0.00	54.61 -0.45 0.00	51.91 -0.45 0.00	49.99 -0.54 0.00	48.57 -0.48 0.00	51.10 -0.42 0.00	57.55 -0.41 0.00	83.99 -0.83 0.00	72.63 -0.65 0.00	43.75 -0.47 0.00
PUCKETT___SOLAR 323809	51.96 1.25 0.00	55.90 1.30 0.00	57.43 1.37 0.00	56.43 1.37 0.00	60.78 1.36 0.00	57.29 1.38 0.00	55.85 1.36 0.00	73.99 1.70 0.00	74.18 1.50 0.00	58.32 0.84 0.00	62.55 1.05 0.00	52.46 0.97 0.00	71.71 1.50 0.00	59.55 1.09 0.00	56.91 0.76 0.00	55.72 0.66 0.00	53.13 0.77 0.00	51.18 0.65 0.00	49.64 0.60 0.00	52.29 0.77 0.00	59.00 1.04 0.00	85.97 1.16 0.00	74.27 0.99 0.00	44.80 0.57 0.00
PYRITES___HYD 24023	51.61 0.90 0.00	55.58 0.97 0.00	57.00 0.95 0.00	56.02 0.96 0.00	60.54 1.11 0.00	56.84 0.93 0.00	55.24 0.75 0.00	72.57 0.27 0.00	72.84 0.16 0.00	57.89 0.42 0.00	61.63 0.13 0.00	51.24 -0.25 0.00	69.32 -0.89 0.00	57.71 -0.74 0.00	55.85 -0.29 0.00	54.83 -0.23 0.00	52.26 -0.10 0.00	51.08 0.55 0.00	49.43 0.39 0.00	52.42 0.90 0.00	59.24 1.28 0.00	86.57 1.75 0.00	74.74 1.46 0.00	45.44 1.22 0.00
QUAKERRD_115KV_BK1 80622	49.42 -1.29 0.00	53.35 -1.26 0.00	54.63 -1.43 0.00	53.75 -1.31 0.00	57.83 -1.60 0.00	54.41 -1.50 0.00	52.96 -1.52 0.00	69.75 -2.54 0.00	70.03 -2.65 0.00	55.24 -2.23 0.00	59.08 -2.42 0.00	49.55 -1.94 0.00	67.69 -2.52 0.00	56.16 -2.30 0.00	53.69 -2.45 0.00	52.58 -2.48 0.00	49.73 -2.64 0.00	47.73 -2.80 0.00	46.43 -2.61 0.00	49.03 -2.49 0.00	55.46 -2.50 0.00	80.82 -4.00 0.00	70.18 -3.10 0.00	42.22 -2.00 0.00
QUENSBRY_115KV_TB8 356137	53.16 2.45 0.00	57.37 2.76 0.00	58.87 2.82 0.00	57.79 2.73 0.00	62.32 2.89 0.00	58.70 2.78 0.00	57.36 2.88 0.00	76.38 4.09 0.00	76.77 4.09 0.00	60.39 2.92 0.00	64.46 2.96 0.00	53.76 2.27 0.00	73.26 3.06 0.00	61.03 2.57 0.00	58.75 2.61 0.00	57.85 2.79 0.00	55.20 2.84 0.00	53.46 2.93 0.00	52.01 2.97 0.00	54.70 3.18 0.00	61.31 3.35 0.00	89.50 4.68 0.00	76.87 3.59 0.00	46.41 2.18 0.00
RAMAPO___LBMP 323565	51.60 0.89 0.00	55.54 0.93 0.00	56.98 0.93 0.00	56.04 0.98 0.00	60.55 1.12 0.00	57.08 1.17 0.00	55.87 1.38 0.00	74.47 2.18 0.00	75.04 2.37 0.00	59.25 1.77 0.00	63.62 2.13 0.00	53.31 1.82 0.00	72.70 2.49 0.00	60.61 2.16 0.00	58.24 2.10 0.00	57.12 2.06 0.00	54.42 2.06 0.00	52.51 1.98 0.00	51.03 1.99 0.00	53.55 2.04 0.00	59.96 2.01 0.00	87.43 2.61 0.00	75.39 2.11 0.00	45.43 1.21 0.00
RANKINE____ 23646	50.54 -0.17 0.00	54.75 0.14 0.00	55.93 -0.13 0.00	55.13 0.07 0.00	59.05 -0.38 0.00	55.45 -0.46 0.00	53.82 -0.67 0.00	70.18 -2.11 0.00	70.12 -2.55 0.00	55.16 -2.32 0.00	59.05 -2.45 0.00	49.70 -1.80 0.00	67.91 -2.29 0.00	56.20 -2.25 0.00	53.44 -2.70 0.00	52.16 -2.90 0.00	48.92 -3.44 0.00	46.58 -3.95 0.00	45.45 -3.59 0.00	48.19 -3.33 0.00	54.71 -3.25 0.00	79.76 -5.06 0.00	69.95 -3.33 0.00	42.06 -2.16 0.00
RAVENSWOOD_GT2_1 24244	52.60 1.89 0.00	56.58 1.97 0.00	58.00 1.94 0.00	57.00 1.94 0.00	61.52 2.10 0.00	58.00 2.09 0.00	56.69 2.20 0.00	75.58 3.28 0.00	76.42 3.74 0.00	60.40 2.92 0.00	64.72 3.22 0.00	54.28 2.79 0.00	74.03 3.82 0.00	61.75 3.29 0.00	59.40 3.26 0.00	58.25 3.19 0.00	55.53 3.16 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.06 3.10 0.00	88.91 4.09 0.00	76.65 3.37 0.00	46.22 2.00 0.00

RAVENSWOOD_GT2_2 24245	52.60 1.89 0.00	56.58 1.97 0.00	58.00 1.94 0.00	57.00 1.94 0.00	61.52 2.10 0.00	58.00 2.09 0.00	56.69 2.20 0.00	75.58 3.28 0.00	76.42 3.74 0.00	60.40 2.92 0.00	64.72 3.22 0.00	54.28 2.79 0.00	74.03 3.82 0.00	61.75 3.29 0.00	59.40 3.26 0.00	58.25 3.19 0.00	55.53 3.16 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.06 3.10 0.00	88.91 4.09 0.00	76.65 3.37 0.00	46.22 2.00 0.00
RAVENSWOOD_GT2_3 24246	52.61 1.90 0.00	56.60 2.00 0.00	58.03 1.97 0.00	57.02 1.96 0.00	61.55 2.12 0.00	58.03 2.11 0.00	56.72 2.24 0.00	75.61 3.32 0.00	76.44 3.76 0.00	60.44 2.96 0.00	64.75 3.25 0.00	54.31 2.81 0.00	74.08 3.87 0.00	61.78 3.32 0.00	59.42 3.28 0.00	58.28 3.22 0.00	55.53 3.17 0.00	53.48 2.95 0.00	51.95 2.91 0.00	54.54 3.02 0.00	61.09 3.13 0.00	88.94 4.12 0.00	76.68 3.40 0.00	46.24 2.02 0.00
RAVENSWOOD_GT2_4 24247	52.61 1.90 0.00	56.60 2.00 0.00	58.03 1.97 0.00	57.02 1.96 0.00	61.55 2.12 0.00	58.03 2.11 0.00	56.72 2.24 0.00	75.61 3.32 0.00	76.44 3.76 0.00	60.44 2.96 0.00	64.75 3.25 0.00	54.31 2.81 0.00	74.08 3.87 0.00	61.78 3.32 0.00	59.42 3.28 0.00	58.28 3.22 0.00	55.53 3.17 0.00	53.48 2.95 0.00	51.95 2.91 0.00	54.54 3.02 0.00	61.09 3.13 0.00	88.94 4.12 0.00	76.68 3.40 0.00	46.24 2.02 0.00
RAVENSWOOD_GT3_1 24248	52.60 1.89 0.00	56.58 1.97 0.00	58.00 1.94 0.00	57.00 1.94 0.00	61.52 2.10 0.00	58.01 2.10 0.00	56.69 2.20 0.00	75.58 3.28 0.00	76.42 3.74 0.00	60.40 2.92 0.00	64.72 3.22 0.00	54.29 2.80 0.00	74.04 3.83 0.00	61.75 3.29 0.00	59.41 3.26 0.00	58.25 3.19 0.00	55.53 3.16 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.06 3.10 0.00	88.92 4.10 0.00	76.65 3.37 0.00	46.22 2.00 0.00
RAVENSWOOD_GT3_2 24249	52.60 1.89 0.00	56.58 1.97 0.00	58.00 1.94 0.00	57.00 1.94 0.00	61.52 2.10 0.00	58.01 2.10 0.00	56.69 2.20 0.00	75.58 3.28 0.00	76.42 3.74 0.00	60.40 2.92 0.00	64.72 3.22 0.00	54.29 2.80 0.00	74.04 3.83 0.00	61.75 3.29 0.00	59.41 3.26 0.00	58.25 3.19 0.00	55.53 3.16 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.06 3.10 0.00	88.92 4.10 0.00	76.65 3.37 0.00	46.22 2.00 0.00
RAVENSWOOD_GT3_3 24250	52.67 1.95 0.00	56.66 2.05 0.00	58.09 2.03 0.00	57.07 2.01 0.00	61.61 2.18 0.00	58.08 2.17 0.00	56.78 2.29 0.00	75.69 3.40 0.00	76.52 3.85 0.00	60.50 3.02 0.00	64.82 3.32 0.00	54.36 2.86 0.00	74.15 3.94 0.00	61.85 3.39 0.00	59.48 3.34 0.00	58.34 3.28 0.00	55.60 3.24 0.00	53.54 3.01 0.00	52.00 2.96 0.00	54.61 3.09 0.00	61.15 3.20 0.00	89.04 4.22 0.00	76.76 3.48 0.00	46.29 2.06 0.00
RAVENSWOOD_GT3_4 24251	52.67 1.95 0.00	56.66 2.05 0.00	58.09 2.03 0.00	57.07 2.01 0.00	61.61 2.18 0.00	58.08 2.17 0.00	56.78 2.29 0.00	75.69 3.40 0.00	76.52 3.85 0.00	60.50 3.02 0.00	64.82 3.32 0.00	54.36 2.86 0.00	74.15 3.94 0.00	61.85 3.39 0.00	59.48 3.34 0.00	58.34 3.28 0.00	55.60 3.24 0.00	53.54 3.01 0.00	52.00 2.96 0.00	54.61 3.09 0.00	61.15 3.20 0.00	89.04 4.22 0.00	76.76 3.48 0.00	46.29 2.06 0.00
RAVENSWOOD_GT_1 23729	54.00 2.11 -1.19	57.09 2.18 -0.30	58.33 2.17 -0.10	57.23 2.17 0.00	61.75 2.32 0.00	58.39 2.30 -0.17	56.97 2.42 -0.07	75.86 3.57 0.00	77.43 4.05 -0.70	63.04 3.21 -2.35	70.23 3.55 -5.18	61.89 3.06 -7.33	77.68 4.20 -3.27	67.88 3.63 -5.80	65.99 3.56 -6.28	65.07 3.50 -6.51	62.88 3.44 -7.08	61.24 3.21 -7.50	58.09 3.14 -5.91	62.08 3.28 -7.28	67.30 3.42 -5.93	90.58 4.48 -1.29	79.06 3.70 -2.08	49.39 2.19 -2.97
RAVENSWOOD_GT_10 24258	52.73 1.88 -0.14	56.60 1.96 -0.04	58.00 1.93 -0.01	56.99 1.93 0.00	61.51 2.09 0.00	58.02 2.09 -0.02	56.70 2.20 -0.01	75.57 3.27 0.00	76.48 3.72 -0.08	60.67 2.92 -0.27	65.32 3.22 -0.60	55.11 2.77 -0.85	74.41 3.82 -0.38	62.41 3.29 -0.67	60.12 3.25 -0.72	58.99 3.17 -0.75	56.33 3.15 -0.82	54.32 2.93 -0.87	52.59 2.87 -0.68	55.36 3.00 -0.84	61.74 3.10 -0.69	89.04 4.07 -0.15	76.65 3.37 0.00	46.21 1.99 0.01
RAVENSWOOD_GT_11 24259	52.73 1.88 -0.14	56.60 1.96 -0.04	58.00 1.93 -0.01	56.99 1.93 0.00	61.51 2.09 0.00	58.02 2.09 -0.02	56.70 2.20 -0.01	75.57 3.27 0.00	76.48 3.72 -0.08	60.67 2.92 -0.27	65.32 3.22 -0.60	55.11 2.77 -0.85	74.41 3.82 -0.38	62.41 3.29 -0.67	60.12 3.25 -0.72	58.99 3.17 -0.75	56.33 3.15 -0.82	54.32 2.93 -0.87	52.59 2.87 -0.68	55.36 3.00 -0.84	61.74 3.10 -0.69	89.04 4.07 -0.15	76.65 3.37 0.00	46.21 1.99 0.01
RAVENSWOOD_GT_4 24252	53.48 1.87 -0.90	56.79 1.95 -0.23	58.05 1.93 -0.07	56.98 1.92 0.00	61.50 2.08 0.00	58.11 2.07 -0.13	56.72 2.18 -0.05	75.57 3.27 0.00	76.90 3.69 -0.54	62.16 2.89 -1.79	68.63 3.19 -3.95	59.82 2.75 -5.57	76.50 3.80 -2.49	66.12 3.26 -4.41	64.14 3.22 -4.78	63.17 3.15 -4.95	60.86 3.12 -5.38	59.13 2.90 -5.71	56.39 2.85 -4.50	60.03 2.97 -5.54	65.55 3.07 -4.52	89.85 4.05 -0.98	78.22 3.36 -1.58	48.33 1.98 -2.12
RAVENSWOOD_GT_5 24254	53.48 1.87 -0.90	56.79 1.95 -0.23	58.05 1.93 -0.07	56.98 1.92 0.00	61.50 2.08 0.00	58.11 2.07 -0.13	56.72 2.18 -0.05	75.57 3.27 0.00	76.90 3.69 -0.54	62.16 2.89 -1.79	68.63 3.19 -3.95	59.82 2.75 -5.57	76.50 3.80 -2.49	66.12 3.26 -4.41	64.14 3.22 -4.78	63.17 3.15 -4.95	60.86 3.12 -5.38	59.13 2.90 -5.71	56.39 2.85 -4.50	60.03 2.97 -5.54	65.55 3.07 -4.52	89.85 4.05 -0.98	78.22 3.36 -1.58	48.33 1.98 -2.12
RAVENSWOOD_GT_6 24253	53.48 1.87 -0.90	56.79 1.95 -0.23	58.05 1.93 -0.07	56.98 1.92 0.00	61.50 2.08 0.00	58.11 2.07 -0.13	56.72 2.18 -0.05	75.57 3.27 0.00	76.90 3.69 -0.54	62.16 2.89 -1.79	68.63 3.19 -3.95	59.82 2.75 -5.57	76.50 3.80 -2.49	66.12 3.26 -4.41	64.14 3.22 -4.78	63.17 3.15 -4.95	60.86 3.12 -5.38	59.13 2.90 -5.71	56.39 2.85 -4.50	60.03 2.97 -5.54	65.55 3.07 -4.52	89.85 4.05 -0.98	78.22 3.36 -1.58	48.33 1.98 -2.12
RAVENSWOOD_GT_7 24255	53.48 1.87 -0.90	56.79 1.95 -0.23	58.05 1.93 -0.07	56.98 1.92 0.00	61.50 2.08 0.00	58.11 2.07 -0.13	56.72 2.18 -0.05	75.57 3.27 0.00	76.90 3.69 -0.54	62.16 2.89 -1.79	68.63 3.19 -3.95	59.82 2.75 -5.57	76.50 3.80 -2.49	66.12 3.26 -4.41	64.14 3.22 -4.78	63.17 3.15 -4.95	60.86 3.12 -5.38	59.13 2.90 -5.71	56.39 2.85 -4.50	60.03 2.97 -5.54	65.55 3.07 -4.52	89.85 4.05 -0.98	78.22 3.36 -1.58	48.33 1.98 -2.12
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.73 1.88 -0.14	56.60 1.96 -0.04	58.00 1.93 -0.01	56.99 1.93 0.00	61.51 2.09 0.00	58.02 2.09 -0.02	56.70 2.20 -0.01	75.57 3.27 0.00	76.48 3.72 -0.08	60.67 2.92 -0.27	65.32 3.22 -0.60	55.11 2.77 -0.85	74.41 3.82 -0.38	62.41 3.29 -0.67	60.12 3.25 -0.72	58.99 3.17 -0.75	56.33 3.15 -0.82	54.32 2.93 -0.87	52.59 2.87 -0.68	55.36 3.00 -0.84	61.74 3.10 -0.69	89.04 4.07 -0.15	76.65 3.37 0.00	46.21 1.99 0.01

RAVENSWOOD_GT_9 24257	52.73 1.88 -0.14	56.60 1.96 -0.04	58.00 1.93 -0.01	56.99 1.93 0.00	61.51 2.09 0.00	58.02 2.09 -0.02	56.70 2.20 -0.01	75.57 3.27 0.00	76.48 3.72 -0.08	60.67 2.92 -0.27	65.32 3.22 -0.60	55.11 2.77 -0.85	74.41 3.82 -0.38	62.41 3.29 -0.67	60.12 3.25 -0.72	58.99 3.17 -0.75	56.33 3.15 -0.82	54.32 2.93 -0.87	52.59 2.87 -0.68	55.36 3.00 -0.84	61.74 3.10 -0.69	89.04 4.07 -0.15	76.65 3.37 0.00	46.21 1.99 0.01
RAVENSWOOD___1 23533	51.54 2.00 1.17	56.39 2.08 0.29	58.03 2.06 0.09	57.12 2.06 0.00	61.63 2.21 0.00	57.94 2.20 0.17	56.76 2.34 0.07	75.74 3.45 0.00	75.90 3.91 0.69	58.26 3.09 2.31	59.81 3.41 5.10	47.24 2.95 7.21	71.03 4.05 3.22	56.25 3.49 5.71	53.41 3.45 6.18	52.03 3.38 6.41	48.73 3.33 6.96	46.25 3.10 7.38	46.27 3.05 5.82	47.54 3.19 7.17	55.41 3.30 5.84	87.86 4.31 1.27	74.81 3.58 2.05	43.60 2.12 2.75
RAVENSWOOD___2 23534	51.54 2.00 1.17	56.39 2.08 0.29	58.03 2.06 0.09	57.12 2.06 0.00	61.63 2.21 0.00	57.94 2.20 0.17	56.76 2.34 0.07	75.74 3.45 0.00	75.90 3.91 0.69	58.26 3.09 2.31	59.81 3.41 5.10	47.24 2.95 7.21	71.03 4.05 3.22	56.25 3.49 5.71	53.41 3.45 6.18	52.03 3.38 6.41	48.73 3.33 6.96	46.25 3.10 7.38	46.27 3.05 5.82	47.54 3.19 7.17	55.39 3.28 5.84	87.80 4.25 1.27	76.80 3.52 0.00	46.43 2.12 -0.09
RAVENSWOOD___3 23535	52.60 1.89 0.00	56.57 1.97 0.00	58.00 1.94 0.00	57.00 1.94 0.00	61.53 2.11 0.00	58.01 2.09 0.00	56.70 2.21 0.00	75.58 3.29 0.00	76.42 3.74 0.00	60.40 2.92 0.00	64.72 3.22 0.00	54.29 2.80 0.00	74.03 3.82 0.00	61.76 3.30 0.00	59.40 3.26 0.00	58.24 3.18 0.00	55.53 3.16 0.00	53.46 2.93 0.00	51.93 2.89 0.00	54.53 3.01 0.00	61.07 3.11 0.00	88.92 4.10 0.00	76.65 3.38 0.00	46.23 2.00 0.00
RAVENSWOOD___4 23820	51.54 2.00 1.17	56.39 2.08 0.29	58.03 2.06 0.09	57.12 2.06 0.00	61.63 2.21 0.00	57.94 2.20 0.17	56.76 2.34 0.07	75.74 3.45 0.00	75.90 3.91 0.69	58.26 3.09 2.31	59.81 3.41 5.10	47.24 2.95 7.21	71.03 4.05 3.22	56.25 3.49 5.71	53.41 3.45 6.18	52.03 3.38 6.41	48.73 3.33 6.96	46.25 3.10 7.38	46.27 3.05 5.82	47.54 3.19 7.17	55.41 3.30 5.84	87.86 4.31 1.27	74.81 3.58 2.05	43.60 2.12 2.75
RCPL_TRUST___DRP 24196	52.56 1.85 0.00	56.53 1.92 0.00	57.95 1.89 0.00	56.95 1.89 0.00	61.47 2.04 0.00	57.95 2.03 0.00	56.62 2.13 0.00	75.49 3.20 0.00	76.36 3.68 0.00	60.33 2.85 0.00	64.61 3.11 0.00	54.19 2.70 0.00	73.94 3.73 0.00	61.66 3.20 0.00	59.32 3.18 0.00	58.17 3.11 0.00	55.46 3.09 0.00	53.38 2.85 0.00	51.85 2.81 0.00	54.44 2.92 0.00	60.99 3.03 0.00	88.80 3.98 0.00	76.57 3.30 0.00	46.17 1.94 0.00
RED___ROCHESTER 323720	50.67 -0.05 0.00	54.72 0.11 0.00	56.01 -0.04 0.00	55.12 0.06 0.00	59.22 -0.21 0.00	55.74 -0.17 0.00	54.23 -0.26 0.00	71.31 -0.98 0.00	71.60 -1.08 0.00	56.51 -0.97 0.00	60.44 -1.06 0.00	50.73 -0.76 0.00	69.28 -0.93 0.00	57.44 -1.01 0.00	54.87 -1.28 0.00	53.70 -1.36 0.00	50.69 -1.68 0.00	48.64 -1.89 0.00	47.36 -1.69 0.00	50.05 -1.47 0.00	56.70 -1.26 0.00	82.60 -2.22 0.00	71.80 -1.48 0.00	43.14 -1.09 0.00
REGAN___SOLAR 323812	53.65 2.94 0.00	57.80 3.19 0.00	59.31 3.25 0.00	58.27 3.21 0.00	62.92 3.49 0.00	59.33 3.42 0.00	57.92 3.44 0.00	76.90 4.61 0.00	77.40 4.72 0.00	60.98 3.50 0.00	64.92 3.42 0.00	53.86 2.36 0.00	73.29 3.09 0.00	60.82 2.37 0.00	58.39 2.25 0.00	57.52 2.46 0.00	55.19 2.83 0.00	53.31 2.78 0.00	51.95 2.81 0.00	54.99 3.47 0.00	61.92 3.96 0.00	90.36 5.54 0.00	77.93 4.66 0.00	46.90 2.67 0.00
RENSSELAER___COGEN 23796	50.74 0.03 0.00	54.63 0.02 0.00	56.12 0.07 0.00	55.08 0.02 0.00	59.49 0.06 0.00	56.01 0.10 0.00	54.69 0.20 0.00	72.76 0.46 0.00	73.26 0.58 0.00	57.82 0.35 0.00	61.91 0.41 0.00	51.74 0.24 0.00	70.57 0.36 0.00	58.87 0.41 0.00	56.59 0.45 0.00	55.62 0.56 0.00	52.95 0.59 0.00	51.04 0.51 0.00	49.56 0.51 0.00	52.04 0.52 0.00	58.39 0.44 0.00	85.22 0.40 0.00	73.55 0.27 0.00	44.47 0.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	54.64 3.93 0.00	59.28 4.68 0.00	60.75 4.69 0.00	59.65 4.59 0.00	64.27 4.84 0.00	60.78 4.86 0.00	59.33 4.85 0.00	79.12 6.82 0.00	79.18 6.50 0.00	61.78 4.31 0.00	65.79 4.29 0.00	54.83 3.33 0.00	75.02 4.81 0.00	62.16 3.70 0.00	59.91 3.77 0.00	59.23 4.17 0.00	56.68 4.32 0.00	55.43 4.91 0.00	54.02 4.98 0.00	56.93 5.41 0.00	63.79 5.83 0.00	93.33 8.51 0.00	79.69 6.41 0.00	48.21 3.99 0.00
REVERE_CPPR_DRP 24186	52.50 1.78 0.00	56.49 1.88 0.00	57.92 1.87 0.00	56.91 1.85 0.00	61.43 2.01 0.00	57.85 1.94 0.00	56.42 1.94 0.00	74.95 2.66 0.00	75.43 2.76 0.00	59.60 2.12 0.00	63.71 2.21 0.00	53.19 1.70 0.00	72.42 2.21 0.00	60.31 1.85 0.00	57.93 1.78 0.00	56.82 1.76 0.00	54.13 1.77 0.00	52.26 1.73 0.00	50.76 1.72 0.00	53.45 1.92 0.00	60.17 2.21 0.00	87.90 3.08 0.00	75.83 2.56 0.00	45.64 1.41 0.00
REYNOLDS_115KV_TB3 80639	51.17 0.46 0.00	55.08 0.48 0.00	56.57 0.52 0.00	55.54 0.48 0.00	59.97 0.54 0.00	56.46 0.55 0.00	55.12 0.63 0.00	73.32 1.03 0.00	73.82 1.14 0.00	58.22 0.74 0.00	62.34 0.84 0.00	52.09 0.59 0.00	71.04 0.83 0.00	59.27 0.82 0.00	57.00 0.85 0.00	56.04 0.98 0.00	53.34 0.97 0.00	51.40 0.87 0.00	49.91 0.87 0.00	52.40 0.88 0.00	58.81 0.85 0.00	85.85 1.04 0.00	74.08 0.80 0.00	44.79 0.57 0.00
RIVERBAY____ 323610	52.51 1.80 0.00	56.51 1.90 0.00	57.97 1.91 0.00	56.97 1.91 0.00	61.47 2.04 0.00	57.96 2.05 0.00	56.68 2.19 0.00	75.60 3.30 0.00	76.47 3.79 0.00	60.49 3.01 0.00	64.86 3.36 0.00	54.37 2.87 0.00	74.16 3.95 0.00	61.86 3.40 0.00	59.48 3.33 0.00	58.31 3.25 0.00	55.58 3.21 -0.01	53.54 3.01 0.00	51.93 2.89 0.00	54.55 3.03 0.00	61.09 3.13 0.00	88.94 4.12 0.00	76.64 3.36 0.00	46.16 1.92 -0.01
RIVERSDE_115KV_TB3 55908	50.98 0.27 0.00	54.89 0.28 0.00	56.38 0.32 0.00	55.33 0.27 0.00	59.75 0.33 0.00	56.25 0.34 0.00	54.93 0.45 0.00	73.10 0.80 0.00	73.57 0.90 0.00	58.06 0.58 0.00	62.17 0.67 0.00	51.94 0.45 0.00	70.84 0.63 0.00	59.10 0.65 0.00	56.83 0.69 0.00	55.86 0.80 0.00	53.19 0.82 0.00	51.25 0.72 0.00	49.77 0.73 0.00	52.25 0.73 0.00	58.64 0.68 0.00	85.60 0.78 0.00	73.85 0.57 0.00	44.66 0.43 0.00
ROARING___BROOK_WT_PWR 323790	50.69 -0.02 0.00	54.60 -0.01 0.00	56.03 -0.03 0.00	55.06 0.00 0.00	59.41 -0.02 0.00	55.85 -0.07 0.00	54.32 -0.17 0.00	71.97 -0.32 0.00	72.45 -0.23 0.00	57.41 -0.06 0.00	61.39 -0.11 0.00	51.39 -0.10 0.00	70.00 -0.21 0.00	58.32 -0.14 0.00	56.02 -0.12 0.00	54.90 -0.16 0.00	52.18 -0.18 0.00	50.45 -0.07 0.00	48.93 -0.10 0.00	51.43 -0.09 0.00	57.93 -0.03 0.00	84.91 0.09 0.00	73.36 0.08 0.00	44.29 0.06 0.00

ROCHESRG_115KV_T4 355643	50.16 -0.55 0.00	54.19 -0.42 0.00	55.49 -0.56 0.00	54.61 -0.45 0.00	58.69 -0.74 0.00	55.22 -0.69 0.00	53.69 -0.80 0.00	70.58 -1.71 0.00	70.81 -1.86 0.00	55.85 -1.63 0.00	59.76 -1.74 0.00	50.12 -1.37 0.00	68.47 -1.74 0.00	56.79 -1.67 0.00	54.25 -1.90 0.00	53.09 -1.97 0.00	50.12 -2.24 0.00	48.06 -2.47 0.00	46.78 -2.26 0.00	49.45 -2.07 0.00	56.01 -1.94 0.00	81.60 -3.21 0.00	71.01 -2.27 0.00	42.70 -1.53 0.00
ROCHESTER_9_IC 23652	50.42 -0.29 0.00	54.47 -0.14 0.00	55.76 -0.30 0.00	54.87 -0.19 0.00	58.98 -0.45 0.00	55.48 -0.43 0.00	53.96 -0.53 0.00	70.96 -1.33 0.00	71.22 -1.46 0.00	56.19 -1.29 0.00	60.11 -1.39 0.00	50.43 -1.06 0.00	68.88 -1.33 0.00	57.11 -1.35 0.00	54.55 -1.59 0.00	53.38 -1.68 0.00	50.40 -1.97 0.00	48.34 -2.19 0.00	47.06 -1.98 0.00	49.75 -1.77 0.00	56.35 -1.60 0.00	82.10 -2.72 0.00	71.38 -1.90 0.00	42.92 -1.31 0.00
ROCKVIEW_13_KV_LD 356306	52.56 1.85 0.00	56.55 1.95 0.00	57.99 1.94 0.00	57.01 1.95 0.00	61.54 2.11 0.00	58.00 2.09 0.00	56.69 2.21 0.00	75.56 3.27 0.00	76.33 3.66 0.00	60.35 2.87 0.00	64.67 3.17 0.00	54.22 2.73 0.00	73.95 3.74 0.00	61.68 3.23 0.00	59.30 3.16 0.00	58.18 3.12 0.00	55.41 3.05 0.00	53.39 2.86 0.00	51.89 2.84 0.00	54.48 2.96 0.00	61.03 3.08 0.00	88.87 4.05 0.00	76.63 3.35 0.00	46.19 1.97 0.00
ROME____115KV_TB2 80656	52.50 1.78 0.00	56.49 1.88 0.00	57.92 1.87 0.00	56.91 1.85 0.00	61.43 2.01 0.00	57.85 1.94 0.00	56.42 1.94 0.00	74.95 2.66 0.00	75.43 2.76 0.00	59.60 2.12 0.00	63.71 2.21 0.00	53.19 1.70 0.00	72.42 2.21 0.00	60.31 1.85 0.00	57.93 1.78 0.00	56.82 1.76 0.00	54.13 1.77 0.00	52.26 1.73 0.00	50.76 1.72 0.00	53.45 1.92 0.00	60.17 2.21 0.00	87.90 3.08 0.00	75.83 2.56 0.00	45.64 1.41 0.00
ROSETON___1 23587	51.75 1.04 0.00	55.70 1.09 0.00	57.17 1.11 0.00	56.17 1.11 0.00	60.65 1.22 0.00	57.16 1.25 0.00	55.87 1.38 0.00	74.43 2.14 0.00	75.08 2.40 0.00	59.30 1.82 0.00	63.58 2.08 0.00	53.29 1.80 0.00	72.66 2.45 0.00	60.56 2.11 0.00	58.21 2.07 0.00	57.13 2.07 0.00	54.42 2.06 0.00	52.47 1.94 0.00	50.97 1.92 0.00	53.52 2.00 0.00	59.97 2.01 0.00	87.42 2.61 0.00	75.39 2.11 0.00	45.46 1.23 0.00
ROSETON___2 23588	51.75 1.04 0.00	55.70 1.09 0.00	57.17 1.11 0.00	56.17 1.11 0.00	60.65 1.22 0.00	57.16 1.25 0.00	55.87 1.38 0.00	74.43 2.14 0.00	75.08 2.40 0.00	59.30 1.82 0.00	63.58 2.08 0.00	53.29 1.80 0.00	72.66 2.45 0.00	60.56 2.11 0.00	58.21 2.07 0.00	57.13 2.07 0.00	54.42 2.06 0.00	52.47 1.94 0.00	50.97 1.92 0.00	53.52 2.00 0.00	59.97 2.01 0.00	87.42 2.61 0.00	75.39 2.11 0.00	45.46 1.23 0.00
ROTRRDAM_115KV_TB3 80664	51.62 0.91 0.00	55.60 0.99 0.00	57.10 1.04 0.00	56.05 0.99 0.00	60.49 1.07 0.00	56.97 1.06 0.00	55.59 1.10 0.00	73.91 1.62 0.00	74.38 1.70 0.00	58.70 1.22 0.00	62.78 1.28 0.00	52.48 0.99 0.00	71.53 1.32 0.00	59.61 1.15 0.00	57.29 1.15 0.00	56.28 1.22 0.00	53.58 1.22 0.00	51.69 1.17 0.00	50.22 1.18 0.00	52.79 1.28 0.00	59.30 1.34 0.00	86.60 1.78 0.00	74.74 1.46 0.00	45.10 0.87 0.00
RUSSELL___1 23602	50.66 -0.05 0.00	54.72 0.12 0.00	56.01 -0.04 0.00	55.12 0.06 0.00	59.23 -0.19 0.00	55.73 -0.18 0.00	54.23 -0.26 0.00	71.31 -0.98 0.00	71.60 -1.08 0.00	56.50 -0.97 0.00	60.45 -1.05 0.00	50.73 -0.76 0.00	69.28 -0.93 0.00	57.44 -1.01 0.00	54.85 -1.30 0.00	53.69 -1.37 0.00	50.69 -1.68 0.00	48.64 -1.89 0.00	47.36 -1.69 0.00	50.06 -1.46 0.00	56.70 -1.26 0.00	82.59 -2.23 0.00	71.80 -1.48 0.00	43.14 -1.09 0.00
RUSSELL___2 23532	50.66 -0.05 0.00	54.72 0.12 0.00	56.01 -0.04 0.00	55.12 0.06 0.00	59.23 -0.19 0.00	55.73 -0.18 0.00	54.23 -0.26 0.00	71.31 -0.98 0.00	71.60 -1.08 0.00	56.50 -0.97 0.00	60.45 -1.05 0.00	50.73 -0.76 0.00	69.28 -0.93 0.00	57.44 -1.01 0.00	54.85 -1.30 0.00	53.69 -1.37 0.00	50.69 -1.68 0.00	48.64 -1.89 0.00	47.36 -1.69 0.00	50.06 -1.46 0.00	56.70 -1.26 0.00	82.59 -2.23 0.00	71.80 -1.48 0.00	43.14 -1.09 0.00
RUSSELL___3 23549	50.66 -0.05 0.00	54.72 0.12 0.00	56.01 -0.04 0.00	55.12 0.06 0.00	59.23 -0.19 0.00	55.73 -0.18 0.00	54.23 -0.26 0.00	71.31 -0.98 0.00	71.60 -1.08 0.00	56.50 -0.97 0.00	60.45 -1.05 0.00	50.73 -0.76 0.00	69.28 -0.93 0.00	57.44 -1.01 0.00	54.85 -1.30 0.00	53.69 -1.37 0.00	50.69 -1.68 0.00	48.64 -1.89 0.00	47.36 -1.69 0.00	50.06 -1.46 0.00	56.70 -1.26 0.00	82.59 -2.23 0.00	71.80 -1.48 0.00	43.14 -1.09 0.00
RUSSELL___4 23556	50.66 -0.05 0.00	54.72 0.12 0.00	56.01 -0.04 0.00	55.12 0.06 0.00	59.23 -0.19 0.00	55.73 -0.18 0.00	54.23 -0.26 0.00	71.31 -0.98 0.00	71.60 -1.08 0.00	56.50 -0.97 0.00	60.45 -1.05 0.00	50.73 -0.76 0.00	69.28 -0.93 0.00	57.44 -1.01 0.00	54.85 -1.30 0.00	53.69 -1.37 0.00	50.69 -1.68 0.00	48.64 -1.89 0.00	47.36 -1.69 0.00	50.06 -1.46 0.00	56.70 -1.26 0.00	82.59 -2.23 0.00	71.80 -1.48 0.00	43.14 -1.09 0.00
RUSSELL___STATION 23914	50.66 -0.05 0.00	54.72 0.12 0.00	56.01 -0.04 0.00	55.12 0.06 0.00	59.23 -0.19 0.00	55.73 -0.18 0.00	54.23 -0.26 0.00	71.31 -0.98 0.00	71.60 -1.08 0.00	56.50 -0.97 0.00	60.45 -1.05 0.00	50.73 -0.76 0.00	69.28 -0.93 0.00	57.44 -1.01 0.00	54.85 -1.30 0.00	53.69 -1.37 0.00	50.69 -1.68 0.00	48.64 -1.89 0.00	47.36 -1.69 0.00	50.06 -1.46 0.00	56.70 -1.26 0.00	82.59 -2.23 0.00	71.80 -1.48 0.00	43.14 -1.09 0.00
S SALMON___HYD 24043	50.63 -0.08 0.00	54.51 -0.10 0.00	55.90 -0.16 0.00	54.95 -0.10 0.00	59.30 -0.13 0.00	55.73 -0.18 0.00	54.23 -0.26 0.00	71.92 -0.37 0.00	72.33 -0.34 0.00	57.21 -0.27 0.00	60.97 -0.53 0.00	51.00 -0.49 0.00	69.39 -0.82 0.00	57.48 -0.98 0.00	54.93 -1.22 0.00	53.92 -1.14 0.00	51.36 -1.00 0.00	49.69 -0.84 0.00	48.27 -0.77 0.00	50.94 -0.58 0.00	57.50 -0.46 0.00	84.13 -0.69 0.00	72.72 -0.56 0.00	43.79 -0.44 0.00
S.PERRY__115KV_TB1 80734	52.17 1.46 0.00	56.30 1.69 0.00	57.66 1.61 0.00	56.72 1.66 0.00	60.95 1.52 0.00	57.36 1.45 0.00	55.97 1.48 0.00	73.67 1.38 0.00	73.77 1.09 0.00	58.01 0.54 0.00	61.84 0.34 0.00	51.73 0.24 0.00	70.44 0.23 0.00	58.16 -0.29 0.00	55.33 -0.81 0.00	54.17 -0.90 0.00	51.21 -1.15 0.00	49.36 -1.17 0.00	48.26 -0.78 0.00	51.31 -0.21 0.00	58.27 0.31 0.00	84.96 0.14 0.00	73.80 0.52 0.00	44.25 0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.79 -0.92 0.00	53.97 -0.64 0.00	55.15 -0.91 0.00	54.36 -0.70 0.00	58.19 -1.24 0.00	54.63 -1.28 0.00	52.97 -1.52 0.00	68.97 -3.32 0.00	68.90 -3.77 0.00	54.22 -3.25 0.00	57.97 -3.53 0.00	48.79 -2.70 0.00	66.71 -3.50 0.00	55.20 -3.26 0.00	52.50 -3.65 0.00	51.25 -3.82 0.00	47.99 -4.37 0.00	45.70 -4.83 0.00	44.61 -4.43 0.00	47.36 -4.16 0.00	53.87 -4.09 0.00	78.50 -6.32 0.00	68.96 -4.32 0.00	41.46 -2.77 0.00

SAWYER___23_KV_LOAD 55526	49.79 -0.92 0.00	53.97 -0.64 0.00	55.15 -0.91 0.00	54.36 -0.70 0.00	58.19 -1.24 0.00	54.63 -1.28 0.00	52.97 -1.52 0.00	68.97 -3.32 0.00	68.90 -3.77 0.00	54.22 -3.25 0.00	57.97 -3.53 0.00	48.79 -2.70 0.00	66.71 -3.50 0.00	55.20 -3.26 0.00	52.50 -3.65 0.00	51.25 -3.82 0.00	47.99 -4.37 0.00	45.70 -4.83 0.00	44.61 -4.43 0.00	47.36 -4.16 0.00	53.87 -4.09 0.00	78.50 -6.32 0.00	68.96 -4.32 0.00	41.46 -2.77 0.00
SELKIRK___I 23801	51.28 0.57 0.00	55.20 0.60 0.00	56.73 0.68 0.00	55.67 0.61 0.00	60.12 0.69 0.00	56.60 0.69 0.00	55.24 0.75 0.00	73.43 1.14 0.00	73.90 1.22 0.00	58.28 0.80 0.00	62.34 0.84 0.00	52.10 0.61 0.00	71.03 0.82 0.00	59.19 0.74 0.00	56.93 0.79 0.00	55.96 0.90 0.00	53.31 0.95 0.00	51.39 0.86 0.00	49.90 0.86 0.00	52.42 0.90 0.00	58.84 0.88 0.00	85.90 1.08 0.00	74.19 0.91 0.00	44.84 0.61 0.00
SELKIRK___II 23799	50.98 0.27 0.00	54.90 0.29 0.00	56.40 0.35 0.00	55.34 0.28 0.00	59.76 0.33 0.00	56.28 0.37 0.00	54.93 0.44 0.00	73.07 0.78 0.00	73.58 0.90 0.00	58.06 0.58 0.00	62.17 0.67 0.00	51.97 0.48 0.00	70.90 0.69 0.00	59.11 0.66 0.00	56.82 0.67 0.00	55.82 0.76 0.00	53.15 0.79 0.00	51.22 0.69 0.00	49.73 0.69 0.00	52.22 0.70 0.00	58.61 0.65 0.00	85.57 0.75 0.00	73.86 0.58 0.00	44.64 0.41 0.00
SENECA OSWGO___HYD 24041	50.03 -0.69 0.00	53.86 -0.75 0.00	55.28 -0.77 0.00	54.34 -0.72 0.00	58.61 -0.81 0.00	55.17 -0.74 0.00	53.75 -0.74 0.00	71.26 -1.03 0.00	71.64 -1.04 0.00	56.52 -0.96 0.00	60.47 -1.03 0.00	50.64 -0.86 0.00	69.09 -1.11 0.00	57.34 -1.11 0.00	54.97 -1.18 0.00	53.93 -1.13 0.00	51.29 -1.07 0.00	49.47 -1.06 0.00	48.04 -1.00 0.00	50.57 -0.95 0.00	56.95 -1.01 0.00	83.14 -1.68 0.00	71.86 -1.42 0.00	43.29 -0.94 0.00
SENECA___115KV_TB3 355854	50.61 -0.10 0.00	54.83 0.22 0.00	56.03 -0.03 0.00	55.22 0.16 0.00	59.14 -0.28 0.00	55.52 -0.39 0.00	53.90 -0.59 0.00	70.30 -1.99 0.00	70.23 -2.45 0.00	55.26 -2.22 0.00	59.15 -2.35 0.00	49.78 -1.72 0.00	68.04 -2.17 0.00	56.29 -2.16 0.00	53.53 -2.61 0.00	52.25 -2.82 0.00	49.02 -3.34 0.00	46.65 -3.88 0.00	45.52 -3.52 0.00	48.28 -3.24 0.00	54.81 -3.15 0.00	79.91 -4.91 0.00	70.09 -3.19 0.00	42.14 -2.08 0.00
SENECA___ENERGY 23797	50.93 0.22 0.00	54.84 0.24 0.00	56.13 0.07 0.00	55.25 0.19 0.00	59.48 0.05 0.00	56.05 0.14 0.00	54.66 0.18 0.00	72.19 -0.10 0.00	72.31 -0.37 0.00	57.01 -0.47 0.00	61.03 -0.47 0.00	51.18 -0.31 0.00	69.97 -0.24 0.00	58.08 -0.37 0.00	55.64 -0.51 0.00	54.49 -0.57 0.00	51.76 -0.60 0.00	49.70 -0.83 0.00	48.26 -0.78 0.00	50.90 -0.62 0.00	57.46 -0.50 0.00	83.76 -1.06 0.00	72.44 -0.83 0.00	43.70 -0.53 0.00
SHOEMAKER___GT 23640	51.63 0.92 0.00	55.56 0.96 0.00	57.02 0.97 0.00	56.03 0.97 0.00	60.51 1.08 0.00	57.04 1.13 0.00	55.73 1.25 0.00	74.19 1.90 0.00	74.78 2.10 0.00	59.07 1.60 0.00	63.35 1.85 0.00	53.10 1.61 0.00	72.38 2.18 0.00	60.31 1.85 0.00	57.95 1.81 0.00	56.86 1.79 0.00	54.15 1.79 0.00	52.23 1.70 0.00	50.75 1.71 0.00	53.31 1.78 0.00	59.77 1.81 0.00	87.13 2.31 0.00	75.15 1.87 0.00	45.31 1.08 0.00
SHOEMAKR_138KV_BK 111 55601	51.59 0.88 0.00	55.53 0.92 0.00	56.99 0.93 0.00	56.00 0.94 0.00	60.48 1.05 0.00	57.00 1.09 0.00	55.72 1.23 0.00	74.19 1.90 0.00	74.77 2.09 0.00	59.05 1.57 0.00	63.34 1.84 0.00	53.09 1.60 0.00	72.39 2.17 0.00	60.30 1.84 0.00	57.95 1.80 0.00	56.85 1.79 0.00	54.14 1.78 0.00	52.22 1.69 0.00	50.73 1.68 0.00	53.28 1.76 0.00	59.73 1.77 0.00	87.11 2.29 0.00	75.13 1.85 0.00	45.29 1.06 0.00
SHOREHAM_IC_1 23715	50.37 -0.34 0.00	54.20 -0.40 0.00	55.50 -0.56 0.00	54.54 -0.52 0.00	58.77 -0.66 0.00	54.48 -0.80 0.64	55.14 0.65 0.00	73.19 0.90 0.01	73.85 1.18 0.00	58.99 1.51 0.00	62.00 0.50 0.00	52.13 0.64 0.00	70.58 0.43 0.06	58.71 1.08 0.82	56.90 1.07 0.32	55.77 0.92 0.20	53.28 0.92 0.00	51.18 0.66 0.00	49.90 0.87 0.00	49.99 1.01 2.54	48.57 0.62 10.02	85.13 0.33 0.01	74.46 1.18 0.00	44.80 0.57 0.00
SHOREHAM_IC_2 23716	50.37 -0.34 0.00	54.20 -0.40 0.00	55.50 -0.56 0.00	54.54 -0.52 0.00	58.77 -0.66 0.00	54.48 -0.80 0.64	55.14 0.65 0.00	73.19 0.90 0.01	73.85 1.18 0.00	58.99 1.51 0.00	62.00 0.50 0.00	52.13 0.64 0.00	70.58 0.43 0.06	58.71 1.08 0.82	56.90 1.07 0.32	55.77 0.92 0.20	53.28 0.92 0.00	51.18 0.66 0.00	49.90 0.87 0.00	49.99 1.01 2.54	48.57 0.62 10.02	85.13 0.33 0.01	74.46 1.18 0.00	44.80 0.57 0.00
SISSONVILLE____ 23735	50.42 -0.29 0.00	54.29 -0.31 0.00	55.68 -0.37 0.00	54.72 -0.34 0.00	59.12 -0.30 0.00	55.52 -0.40 0.00	53.93 -0.55 0.00	70.84 -1.45 0.00	71.26 -1.42 0.00	56.86 -0.62 0.00	60.65 -0.85 0.00	50.62 -0.87 0.00	68.40 -1.81 0.00	56.97 -1.49 0.00	55.12 -1.02 0.00	54.05 -1.02 0.00	51.45 -0.92 0.00	50.08 -0.45 0.00	48.35 -0.70 0.00	51.20 -0.31 0.00	57.80 -0.15 0.00	84.46 -0.35 0.00	72.94 -0.34 0.00	44.38 0.16 0.00
SITHE_IND_GS1 24169	49.70 -1.01 0.00	53.52 -1.09 0.00	54.91 -1.14 0.00	53.97 -1.09 0.00	58.21 -1.21 0.00	54.78 -1.13 0.00	53.36 -1.13 0.00	70.75 -1.55 0.00	71.10 -1.57 0.00	56.12 -1.36 0.00	60.03 -1.47 0.00	50.28 -1.22 0.00	68.61 -1.60 0.00	57.03 -1.42 0.00	54.70 -1.45 0.00	53.62 -1.44 0.00	50.96 -1.40 0.00	49.09 -1.44 0.00	47.68 -1.36 0.00	50.16 -1.35 0.00	56.49 -1.47 0.00	82.54 -2.28 0.00	71.35 -1.93 0.00	43.02 -1.21 0.00
SITHE_IND_GS2 24170	49.70 -1.01 0.00	53.52 -1.09 0.00	54.91 -1.14 0.00	53.97 -1.09 0.00	58.21 -1.21 0.00	54.78 -1.13 0.00	53.36 -1.13 0.00	70.75 -1.55 0.00	71.10 -1.57 0.00	56.12 -1.36 0.00	60.03 -1.47 0.00	50.28 -1.22 0.00	68.61 -1.60 0.00	57.03 -1.42 0.00	54.70 -1.45 0.00	53.62 -1.44 0.00	50.96 -1.40 0.00	49.09 -1.44 0.00	47.68 -1.36 0.00	50.16 -1.35 0.00	56.49 -1.47 0.00	82.54 -2.28 0.00	71.35 -1.93 0.00	43.02 -1.21 0.00
SITHE_IND_GS3 24171	49.70 -1.01 0.00	53.52 -1.09 0.00	54.91 -1.14 0.00	53.97 -1.09 0.00	58.21 -1.21 0.00	54.78 -1.13 0.00	53.36 -1.13 0.00	70.75 -1.55 0.00	71.10 -1.57 0.00	56.12 -1.36 0.00	60.03 -1.47 0.00	50.28 -1.22 0.00	68.61 -1.60 0.00	57.03 -1.42 0.00	54.70 -1.45 0.00	53.62 -1.44 0.00	50.96 -1.40 0.00	49.09 -1.44 0.00	47.68 -1.36 0.00	50.16 -1.35 0.00	56.49 -1.47 0.00	82.54 -2.28 0.00	71.35 -1.93 0.00	43.02 -1.21 0.00
SITHE_IND_GS4 24172	49.70 -1.01 0.00	53.52 -1.09 0.00	54.91 -1.14 0.00	53.97 -1.09 0.00	58.21 -1.21 0.00	54.78 -1.13 0.00	53.36 -1.13 0.00	70.75 -1.55 0.00	71.10 -1.57 0.00	56.12 -1.36 0.00	60.03 -1.47 0.00	50.28 -1.22 0.00	68.61 -1.60 0.00	57.03 -1.42 0.00	54.70 -1.45 0.00	53.62 -1.44 0.00	50.96 -1.40 0.00	49.09 -1.44 0.00	47.68 -1.36 0.00	50.16 -1.35 0.00	56.49 -1.47 0.00	82.54 -2.28 0.00	71.35 -1.93 0.00	43.02 -1.21 0.00

SITHE___BATAVIA 24024	50.72 0.01 0.00	54.85 0.24 0.00	56.08 0.02 0.00	55.25 0.19 0.00	59.21 -0.22 0.00	55.69 -0.22 0.00	54.13 -0.35 0.00	70.78 -1.51 0.00	70.91 -1.77 0.00	55.93 -1.55 0.00	59.76 -1.74 0.00	50.20 -1.29 0.00	68.44 -1.77 0.00	56.58 -1.88 0.00	53.87 -2.28 0.00	52.64 -2.42 0.00	49.39 -2.98 0.00	47.30 -3.23 0.00	46.19 -2.85 0.00	49.04 -2.48 0.00	55.80 -2.16 0.00	81.12 -3.70 0.00	71.02 -2.26 0.00	42.62 -1.61 0.00
SITHE___INDEPEND 23800	49.70 -1.01 0.00	53.52 -1.08 0.00	54.92 -1.14 0.00	53.97 -1.09 0.00	58.21 -1.21 0.00	54.78 -1.13 0.00	53.36 -1.13 0.00	70.75 -1.55 0.00	71.10 -1.58 0.00	56.12 -1.36 0.00	60.03 -1.47 0.00	50.28 -1.22 0.00	68.61 -1.60 0.00	57.03 -1.42 0.00	54.70 -1.45 0.00	53.62 -1.44 0.00	50.96 -1.40 0.00	49.09 -1.44 0.00	47.68 -1.36 0.00	50.17 -1.35 0.00	56.49 -1.47 0.00	82.54 -2.28 0.00	71.35 -1.92 0.00	43.01 -1.21 0.00
SITHE___MASSENA 23902	51.28 0.57 0.00	55.23 0.62 0.00	56.66 0.60 0.00	55.69 0.62 0.00	60.13 0.70 0.00	56.45 0.53 0.00	54.85 0.36 0.00	72.11 -0.19 0.00	72.52 -0.16 0.00	57.85 0.38 0.00	61.83 0.33 0.00	51.73 0.24 0.00	70.06 -0.15 0.00	58.41 -0.04 0.00	56.46 0.32 0.00	55.31 0.25 0.00	52.55 0.19 0.00	50.99 0.46 0.00	49.24 0.20 0.00	52.02 0.50 0.00	58.66 0.70 0.00	85.78 0.96 0.00	74.17 0.89 0.00	45.07 0.84 0.00
SITHE___OGDNSBRG 24021	51.77 1.05 0.00	55.76 1.15 0.00	57.19 1.14 0.00	56.21 1.15 0.00	60.73 1.30 0.00	57.01 1.10 0.00	55.40 0.91 0.00	72.78 0.49 0.00	73.02 0.35 0.00	58.00 0.52 0.00	61.85 0.35 0.00	51.51 0.02 0.00	69.69 -0.51 0.00	58.07 -0.39 0.00	56.19 0.05 0.00	55.11 0.05 0.00	52.48 0.12 0.00	51.23 0.70 0.00	49.59 0.55 0.00	52.56 1.04 0.00	59.39 1.44 0.00	86.83 2.02 0.00	74.99 1.71 0.00	45.58 1.35 0.00
SITHE___STERLING 23777	51.99 1.28 0.00	55.95 1.34 0.00	57.40 1.34 0.00	56.39 1.33 0.00	60.86 1.43 0.00	57.31 1.40 0.00	55.90 1.42 0.00	74.24 1.95 0.00	74.68 2.01 0.00	58.96 1.48 0.00	63.05 1.55 0.00	52.71 1.22 0.00	71.83 1.62 0.00	59.78 1.33 0.00	57.44 1.29 0.00	56.32 1.26 0.00	53.64 1.27 0.00	51.75 1.22 0.00	50.28 1.24 0.00	52.90 1.38 0.00	59.55 1.59 0.00	86.94 2.12 0.00	75.04 1.76 0.00	45.19 0.96 0.00
SLEIGHT__34_KV_TB1 80719	50.41 -0.30 0.00	54.37 -0.23 0.00	55.66 -0.39 0.00	54.80 -0.27 0.00	58.97 -0.45 0.00	55.54 -0.37 0.00	54.14 -0.35 0.00	71.38 -0.91 0.00	71.62 -1.06 0.00	56.45 -1.02 0.00	60.45 -1.05 0.00	50.67 -0.82 0.00	69.23 -0.98 0.00	57.40 -1.05 0.00	54.93 -1.21 0.00	53.83 -1.24 0.00	51.02 -1.35 0.00	48.99 -1.53 0.00	47.66 -1.38 0.00	50.32 -1.20 0.00	56.88 -1.08 0.00	82.85 -1.96 0.00	71.76 -1.52 0.00	43.15 -1.07 0.00
SOUTH CAIRO___GT 23612	52.72 2.00 0.00	56.72 2.11 0.00	58.24 2.19 0.00	57.16 2.10 0.00	61.77 2.34 0.00	58.27 2.36 0.00	56.99 2.51 0.00	75.97 3.68 0.00	76.75 4.08 0.00	60.59 3.11 0.00	64.84 3.34 0.00	54.06 2.56 0.00	73.69 3.48 0.00	61.36 2.90 0.00	58.93 2.79 0.00	57.99 2.93 0.00	55.31 2.95 0.00	53.35 2.82 0.00	51.85 2.81 0.00	54.52 2.99 0.00	61.12 3.16 0.00	89.02 4.20 0.00	76.68 3.40 0.00	46.21 1.98 0.00
SOUTH HAMPTN___IC 23720	50.38 -0.33 0.00	54.19 -0.41 0.00	55.50 -0.55 0.00	54.55 -0.51 0.00	58.80 -0.63 0.00	54.55 -0.72 0.64	55.10 0.61 0.00	73.27 0.98 0.01	74.03 1.36 0.00	59.14 1.67 0.00	62.27 0.77 0.00	52.38 0.89 0.00	70.91 0.75 0.06	58.92 1.29 0.83	57.08 1.26 0.32	55.96 1.11 0.20	53.45 1.09 0.00	51.37 0.84 0.00	50.12 1.08 0.00	50.23 1.26 2.55	48.80 0.88 10.04	85.46 0.65 0.01	74.54 1.27 0.00	44.83 0.60 0.00
SOUTHDOW_115KV_TB1 355954	52.83 2.12 0.00	57.25 2.64 0.00	58.52 2.47 0.00	57.62 2.57 0.00	61.85 2.42 0.00	58.14 2.22 0.00	56.57 2.08 0.00	74.11 1.82 0.00	74.08 1.40 0.00	58.22 0.74 0.00	62.54 1.04 0.00	52.55 1.06 0.00	71.82 1.61 0.00	59.39 0.94 0.00	56.39 0.24 0.00	55.06 0.00 0.00	51.90 -0.46 0.00	49.45 -1.07 0.00	48.19 -0.85 0.00	50.94 -0.58 0.00	57.88 -0.08 0.00	84.42 -0.40 0.00	73.56 0.28 0.00	44.32 0.10 0.00
SOUTHOLD_69_KV_BK 2 55809	49.88 -0.83 0.00	53.59 -1.01 0.00	54.89 -1.17 0.00	53.98 -1.08 0.00	58.16 -1.26 0.00	54.00 -1.27 0.64	54.60 0.11 0.00	72.74 0.46 0.01	73.54 0.87 0.00	58.80 1.32 0.00	61.92 0.42 0.00	52.08 0.60 0.00	70.50 0.34 0.06	58.56 0.93 0.83	56.69 0.86 0.32	55.61 0.75 0.20	53.12 0.76 0.00	51.08 0.56 0.00	49.82 0.79 0.00	49.96 0.99 2.55	48.46 0.54 10.04	84.90 0.09 0.01	73.98 0.70 0.00	44.47 0.24 0.00
SOUTHOLD___IC 23719	49.87 -0.84 0.00	53.59 -1.01 0.00	54.88 -1.17 0.00	53.98 -1.08 0.00	58.17 -1.26 0.00	54.01 -1.27 0.64	54.60 0.11 0.00	72.74 0.46 0.01	73.54 0.87 0.00	58.80 1.32 0.00	61.91 0.42 0.00	52.08 0.59 0.00	70.50 0.35 0.06	58.57 0.94 0.83	56.70 0.87 0.32	55.61 0.75 0.20	53.11 0.75 0.00	51.08 0.55 0.00	49.82 0.79 0.00	49.96 0.99 2.55	48.46 0.54 10.04	84.89 0.09 0.01	73.98 0.70 0.00	44.47 0.24 0.00
SOUTH_FORK_WT_PWR 323839	48.96 -1.75 0.00	52.56 -2.04 0.00	53.87 -2.18 0.00	52.97 -2.09 0.00	57.08 -2.34 0.00	53.02 -2.26 0.64	53.67 -0.82 0.00	71.60 -0.69 0.01	72.41 -0.27 0.00	57.88 0.40 0.00	60.92 -0.58 0.00	51.24 -0.25 0.00	69.33 -0.82 0.06	57.60 -0.03 0.83	55.78 -0.05 0.32	54.71 -0.15 0.20	52.26 -0.09 0.00	50.26 -0.25 0.00	49.05 0.02 0.00	49.15 0.17 2.55	47.54 -0.37 10.04	83.53 -1.27 0.01	72.79 -0.49 0.00	43.76 -0.47 0.00
SPIERFLS_115KV_TB 1 80737	52.93 2.22 0.00	57.09 2.48 0.00	58.59 2.54 0.00	57.51 2.45 0.00	62.03 2.61 0.00	58.38 2.47 0.00	57.06 2.58 0.00	75.95 3.66 0.00	76.38 3.70 0.00	60.14 2.66 0.00	64.20 2.70 0.00	53.55 2.06 0.00	72.97 2.76 0.00	60.82 2.36 0.00	58.54 2.39 0.00	57.60 2.54 0.00	54.94 2.57 0.00	53.16 2.63 0.00	51.70 2.66 0.00	54.37 2.85 0.00	60.96 3.00 0.00	88.96 4.15 0.00	76.48 3.20 0.00	46.17 1.94 0.00
ST LAWRENCE____ 23600	50.70 -0.01 0.00	54.58 -0.03 0.00	56.01 -0.05 0.00	55.03 -0.03 0.00	59.42 -0.01 0.00	55.79 -0.12 0.00	54.23 -0.26 0.00	71.72 -0.57 0.00	72.09 -0.58 0.00	57.29 -0.19 0.00	61.20 -0.30 0.00	51.27 -0.22 0.00	69.77 -0.44 0.00	58.16 -0.30 0.00	55.98 -0.17 0.00	54.82 -0.25 0.00	52.08 -0.29 0.00	50.48 -0.05 0.00	48.92 -0.12 0.00	51.42 -0.09 0.00	57.99 0.03 0.00	85.18 0.36 0.00	73.61 0.34 0.00	44.52 0.29 0.00
STATE_CA_115KV_115_LB 55624	51.03 0.32 0.00	54.93 0.32 0.00	56.41 0.36 0.00	55.38 0.32 0.00	59.80 0.38 0.00	56.31 0.40 0.00	54.99 0.50 0.00	73.16 0.87 0.00	73.68 1.00 0.00	58.14 0.66 0.00	62.26 0.76 0.00	52.03 0.54 0.00	70.97 0.77 0.00	59.19 0.73 0.00	56.92 0.78 0.00	55.93 0.87 0.00	53.25 0.89 0.00	51.34 0.81 0.00	49.84 0.80 0.00	52.34 0.82 0.00	58.73 0.77 0.00	85.73 0.91 0.00	73.93 0.65 0.00	44.70 0.47 0.00

STATE_ST_34_KV_LOAD 55959	51.35 0.63 0.00	55.31 0.70 0.00	56.54 0.49 0.00	55.75 0.69 0.00	60.12 0.69 0.00	56.66 0.75 0.00	55.17 0.68 0.00	73.12 0.84 0.00	73.14 0.46 0.00	57.62 0.14 0.00	61.68 0.18 0.00	51.62 0.13 0.00	70.74 0.53 0.00	58.78 0.32 0.00	56.38 0.23 0.00	55.21 0.15 0.00	52.53 0.16 0.00	50.57 0.04 0.00	49.14 0.10 0.00	51.77 0.25 0.00	58.38 0.42 0.00	85.16 0.34 0.00	73.36 0.08 0.00	44.20 -0.03 0.00
STATION 5_MISC_HYD 23604	50.42 -0.29 0.00	54.47 -0.14 0.00	55.76 -0.30 0.00	54.88 -0.18 0.00	58.96 -0.46 0.00	55.48 -0.43 0.00	53.96 -0.52 0.00	70.97 -1.33 0.00	71.22 -1.46 0.00	56.18 -1.29 0.00	60.11 -1.39 0.00	50.43 -1.06 0.00	68.88 -1.33 0.00	57.11 -1.35 0.00	54.55 -1.59 0.00	53.39 -1.67 0.00	50.41 -1.96 0.00	48.35 -2.18 0.00	47.06 -1.98 0.00	49.74 -1.78 0.00	56.35 -1.60 0.00	82.11 -2.71 0.00	71.39 -1.89 0.00	42.92 -1.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.76 0.05 0.00	54.74 0.13 0.00	56.04 -0.02 0.00	55.15 0.09 0.00	59.33 -0.09 0.00	55.88 -0.04 0.00	54.45 -0.04 0.00	71.78 -0.51 0.00	72.01 -0.67 0.00	56.80 -0.67 0.00	60.79 -0.71 0.00	50.95 -0.55 0.00	69.60 -0.61 0.00	57.75 -0.70 0.00	55.26 -0.89 0.00	54.14 -0.92 0.00	51.31 -1.05 0.00	49.25 -1.28 0.00	47.91 -1.13 0.00	50.54 -0.98 0.00	57.12 -0.84 0.00	83.21 -1.61 0.00	72.12 -1.16 0.00	43.43 -0.79 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.16 -0.55 0.00	54.18 -0.43 0.00	55.47 -0.59 0.00	54.57 -0.49 0.00	58.68 -0.75 0.00	55.21 -0.71 0.00	53.71 -0.78 0.00	70.67 -1.62 0.00	70.96 -1.72 0.00	55.97 -1.50 0.00	59.88 -1.62 0.00	50.24 -1.25 0.00	68.62 -1.59 0.00	56.92 -1.54 0.00	54.38 -1.77 0.00	53.22 -1.84 0.00	50.28 -2.08 0.00	48.23 -2.30 0.00	46.94 -2.10 0.00	49.60 -1.92 0.00	56.15 -1.81 0.00	81.82 -3.00 0.00	71.09 -2.19 0.00	42.75 -1.48 0.00
STA_56___34_KV_BUS2 355983	50.16 -0.55 0.00	54.18 -0.43 0.00	55.47 -0.59 0.00	54.57 -0.49 0.00	58.68 -0.75 0.00	55.21 -0.71 0.00	53.71 -0.78 0.00	70.67 -1.62 0.00	70.96 -1.72 0.00	55.97 -1.50 0.00	59.88 -1.62 0.00	50.24 -1.25 0.00	68.62 -1.59 0.00	56.92 -1.54 0.00	54.38 -1.77 0.00	53.22 -1.84 0.00	50.28 -2.08 0.00	48.23 -2.30 0.00	46.94 -2.10 0.00	49.60 -1.92 0.00	56.15 -1.81 0.00	81.82 -3.00 0.00	71.09 -2.19 0.00	42.75 -1.48 0.00
STA_67___115KV_BK2 355882	50.31 -0.40 0.00	54.35 -0.26 0.00	55.64 -0.41 0.00	54.77 -0.30 0.00	58.86 -0.57 0.00	55.37 -0.54 0.00	53.85 -0.63 0.00	70.81 -1.48 0.00	71.06 -1.62 0.00	56.06 -1.42 0.00	59.95 -1.54 0.00	50.30 -1.20 0.00	68.71 -1.50 0.00	56.97 -1.48 0.00	54.43 -1.72 0.00	53.26 -1.80 0.00	50.27 -2.09 0.00	48.22 -2.31 0.00	46.94 -2.10 0.00	49.62 -1.90 0.00	56.20 -1.75 0.00	81.90 -2.92 0.00	71.24 -2.04 0.00	42.83 -1.40 0.00
STA_7___115KV_9TRANS 80674	50.66 -0.05 0.00	54.72 0.12 0.00	56.01 -0.04 0.00	55.12 0.06 0.00	59.23 -0.19 0.00	55.73 -0.18 0.00	54.23 -0.26 0.00	71.31 -0.98 0.00	71.60 -1.08 0.00	56.50 -0.97 0.00	60.45 -1.05 0.00	50.73 -0.76 0.00	69.28 -0.93 0.00	57.44 -1.01 0.00	54.85 -1.30 0.00	53.69 -1.37 0.00	50.69 -1.68 0.00	48.64 -1.89 0.00	47.36 -1.69 0.00	50.06 -1.46 0.00	56.70 -1.26 0.00	82.59 -2.23 0.00	71.80 -1.48 0.00	43.14 -1.09 0.00
STA_82___115KV_TB1 80780	50.31 -0.40 0.00	54.35 -0.26 0.00	55.64 -0.42 0.00	54.77 -0.30 0.00	58.86 -0.57 0.00	55.37 -0.54 0.00	53.85 -0.63 0.00	70.81 -1.48 0.00	71.06 -1.62 0.00	56.06 -1.42 0.00	59.94 -1.56 0.00	50.30 -1.20 0.00	68.70 -1.51 0.00	56.96 -1.49 0.00	54.40 -1.74 0.00	53.25 -1.81 0.00	50.27 -2.10 0.00	48.21 -2.31 0.00	46.94 -2.10 0.00	49.62 -1.90 0.00	56.20 -1.76 0.00	81.90 -2.92 0.00	71.24 -2.04 0.00	42.82 -1.41 0.00
STEEL___WIND 323596	50.58 -0.14 0.00	54.78 0.17 0.00	55.93 -0.12 0.00	55.17 0.11 0.00	59.05 -0.37 0.00	55.49 -0.43 0.00	53.84 -0.65 0.00	70.25 -2.04 0.00	70.15 -2.53 0.00	55.17 -2.31 0.00	59.07 -2.43 0.00	49.74 -1.75 0.00	67.96 -2.25 0.00	56.24 -2.22 0.00	53.48 -2.67 0.00	52.20 -2.86 0.00	48.97 -3.40 0.00	46.63 -3.90 0.00	45.47 -3.57 0.00	48.21 -3.31 0.00	54.73 -3.22 0.00	79.79 -5.02 0.00	70.01 -3.27 0.00	42.10 -2.13 0.00
STEPHTWN_115KV_BK_2 55603	51.19 0.48 0.00	55.30 0.69 0.00	56.81 0.76 0.00	55.75 0.69 0.00	60.17 0.74 0.00	56.72 0.81 0.00	55.48 0.99 0.00	73.82 1.53 0.00	74.34 1.66 0.00	58.62 1.14 0.00	62.86 1.36 0.00	52.52 1.02 0.00	71.67 1.46 0.00	59.86 1.41 0.00	57.46 1.32 0.00	56.46 1.40 0.00	53.82 1.46 0.00	51.80 1.27 0.00	50.32 1.28 0.00	52.84 1.32 0.00	59.40 1.44 0.00	86.50 1.68 0.00	74.39 1.11 0.00	45.06 0.83 0.00
STEUBEN_REC_LFGE 323667	51.88 1.17 0.00	56.03 1.43 0.00	57.30 1.24 0.00	56.41 1.35 0.00	60.56 1.13 0.00	56.95 1.03 0.00	55.55 1.06 0.00	72.99 0.70 0.00	72.68 0.01 0.00	57.04 -0.43 0.00	60.72 -0.78 0.00	50.80 -0.69 0.00	69.51 -0.69 0.00	57.50 -0.95 0.00	54.80 -1.35 0.00	53.64 -1.42 0.00	50.48 -1.88 0.00	48.28 -2.25 0.00	47.11 -1.93 0.00	50.06 -1.46 0.00	57.01 -0.95 0.00	83.36 -1.46 0.00	72.74 -0.54 0.00	43.70 -0.53 0.00
STILLWATER___SOLAR 323814	52.36 1.65 0.00	56.41 1.81 0.00	57.94 1.88 0.00	56.85 1.79 0.00	61.34 1.92 0.00	57.78 1.87 0.00	56.44 1.95 0.00	75.14 2.84 0.00	75.56 2.89 0.00	59.53 2.05 0.00	63.61 2.11 0.00	53.07 1.57 0.00	72.33 2.12 0.00	60.31 1.86 0.00	58.03 1.89 0.00	57.09 2.02 0.00	54.41 2.04 0.00	52.51 1.99 0.00	51.05 2.02 0.00	53.69 2.18 0.00	60.23 2.27 0.00	87.95 3.13 0.00	75.77 2.49 0.00	45.73 1.50 0.00
STONY___BROOK 24151	51.21 0.50 0.00	55.16 0.56 0.00	56.47 0.41 0.00	55.50 0.43 0.00	59.80 0.37 0.00	55.38 0.11 0.63	55.29 0.81 0.00	73.42 1.13 0.01	74.34 1.67 0.00	59.38 1.90 0.00	62.93 1.44 0.00	52.92 1.43 0.00	71.68 1.53 0.06	59.65 2.00 0.81	57.79 1.96 0.31	56.65 1.79 0.20	54.10 1.74 0.00	52.00 1.48 0.00	50.68 1.64 0.00	50.79 1.80 2.52	49.48 1.49 9.97	86.39 1.58 0.01	74.98 1.70 0.00	45.07 0.85 0.00
STURGEON_POOL_HYD 23609	52.06 1.35 0.00	56.00 1.40 0.00	57.48 1.43 0.00	56.47 1.41 0.00	60.98 1.55 0.00	57.51 1.59 0.00	56.23 1.74 0.00	74.94 2.65 0.00	75.62 2.95 0.00	59.77 2.29 0.00	64.13 2.63 0.00	53.80 2.31 0.00	73.38 3.18 0.00	61.16 2.71 0.00	58.75 2.61 0.00	57.63 2.57 0.00	54.89 2.52 0.00	52.91 2.38 0.00	51.38 2.34 0.00	53.96 2.45 0.00	60.47 2.51 0.00	88.08 3.27 0.00	75.93 2.65 0.00	45.76 1.54 0.00
ST_LAW_115_BK7_LBMP 345037	50.68 -0.03 0.00	54.58 -0.03 0.00	56.01 -0.05 0.00	55.03 -0.03 0.00	59.42 -0.01 0.00	55.79 -0.12 0.00	54.22 -0.27 0.00	71.65 -0.64 0.00	71.98 -0.70 0.00	57.25 -0.23 0.00	61.16 -0.34 0.00	51.23 -0.26 0.00	69.68 -0.53 0.00	58.10 -0.35 0.00	55.95 -0.20 0.00	54.79 -0.27 0.00	52.04 -0.33 0.00	50.47 -0.06 0.00	48.90 -0.14 0.00	51.41 -0.10 0.00	57.97 0.01 0.00	85.17 0.35 0.00	73.59 0.32 0.00	44.53 0.30 0.00

ST_LAW_115_BK8_LBMP 345038	50.68 -0.03 0.00	54.58 -0.03 0.00	56.01 -0.05 0.00	55.03 -0.03 0.00	59.42 -0.01 0.00	55.79 -0.12 0.00	54.22 -0.27 0.00	71.65 -0.64 0.00	71.98 -0.70 0.00	57.25 -0.23 0.00	61.16 -0.34 0.00	51.23 -0.26 0.00	69.68 -0.53 0.00	58.10 -0.35 0.00	55.95 -0.20 0.00	54.79 -0.27 0.00	52.04 -0.33 0.00	50.47 -0.06 0.00	48.90 -0.14 0.00	51.41 -0.10 0.00	57.97 0.01 0.00	85.17 0.35 0.00	73.59 0.32 0.00	44.53 0.30 0.00
ST_LAW_230_BK5_LBMP 345035	50.70 -0.01 0.00	54.58 -0.03 0.00	56.01 -0.05 0.00	55.03 -0.03 0.00	59.42 -0.01 0.00	55.79 -0.12 0.00	54.23 -0.26 0.00	71.72 -0.57 0.00	72.09 -0.58 0.00	57.29 -0.19 0.00	61.20 -0.30 0.00	51.27 -0.22 0.00	69.77 -0.44 0.00	58.16 -0.30 0.00	55.98 -0.17 0.00	54.82 -0.25 0.00	52.08 -0.29 0.00	50.48 -0.05 0.00	48.92 -0.12 0.00	51.42 -0.09 0.00	57.99 0.03 0.00	85.18 0.36 0.00	73.61 0.34 0.00	44.52 0.29 0.00
ST_LAW_230_BK6_LBMP 345036	50.70 -0.01 0.00	54.58 -0.03 0.00	56.01 -0.05 0.00	55.03 -0.03 0.00	59.42 -0.01 0.00	55.79 -0.12 0.00	54.23 -0.26 0.00	71.72 -0.57 0.00	72.09 -0.58 0.00	57.29 -0.19 0.00	61.20 -0.30 0.00	51.27 -0.22 0.00	69.77 -0.44 0.00	58.16 -0.30 0.00	55.98 -0.17 0.00	54.82 -0.25 0.00	52.08 -0.29 0.00	50.48 -0.05 0.00	48.92 -0.12 0.00	51.42 -0.09 0.00	57.99 0.03 0.00	85.18 0.36 0.00	73.61 0.34 0.00	44.52 0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.65 0.94 0.00	55.61 1.00 0.00	57.07 1.02 0.00	56.10 1.04 0.00	60.60 1.17 0.00	57.12 1.20 0.00	55.87 1.38 0.00	74.45 2.15 0.00	75.03 2.35 0.00	59.25 1.77 0.00	63.59 2.10 0.00	53.29 1.80 0.00	72.69 2.48 0.00	60.57 2.12 0.00	58.19 2.04 0.00	57.08 2.02 0.00	54.37 2.01 0.00	52.44 1.91 0.00	50.97 1.93 0.00	53.50 1.98 0.00	59.95 1.99 0.00	87.39 2.58 0.00	75.37 2.09 0.00	45.42 1.20 0.00
SWANROAD_115KV_TB1 355699	48.65 -2.06 0.00	52.70 -1.91 0.00	53.88 -2.18 0.00	53.12 -1.94 0.00	56.84 -2.59 0.00	53.36 -2.55 0.00	51.71 -2.78 0.00	67.16 -5.13 0.00	67.04 -5.64 0.00	52.80 -4.68 0.00	56.38 -5.12 0.00	47.48 -4.02 0.00	64.81 -5.39 0.00	53.65 -4.81 0.00	50.99 -5.15 0.00	49.77 -5.29 0.00	46.47 -5.89 0.00	44.28 -6.25 0.00	43.31 -5.73 0.00	46.01 -5.51 0.00	52.42 -5.54 0.00	76.32 -8.50 0.00	67.35 -5.93 0.00	40.47 -3.76 0.00
SYNERGY___BIOGAS 323694	50.72 0.01 0.00	54.85 0.24 0.00	56.09 0.03 0.00	55.25 0.19 0.00	59.22 -0.20 0.00	55.69 -0.22 0.00	54.13 -0.36 0.00	70.78 -1.52 0.00	70.92 -1.76 0.00	55.92 -1.55 0.00	59.76 -1.74 0.00	50.18 -1.31 0.00	68.44 -1.77 0.00	56.58 -1.88 0.00	53.86 -2.29 0.00	52.64 -2.42 0.00	49.38 -2.99 0.00	47.29 -3.24 0.00	46.18 -2.85 0.00	49.04 -2.48 0.00	55.80 -2.16 0.00	81.12 -3.70 0.00	71.01 -2.26 0.00	42.62 -1.61 0.00
SYRACUSE___ENERGY_ST1 323597	50.83 0.12 0.00	54.74 0.13 0.00	56.13 0.07 0.00	55.19 0.13 0.00	59.53 0.10 0.00	56.05 0.14 0.00	54.63 0.14 0.00	72.42 0.13 0.00	72.72 0.05 0.00	57.37 -0.11 0.00	61.39 -0.11 0.00	51.42 -0.08 0.00	70.21 0.00 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.87 -0.19 0.00	52.18 -0.18 0.00	50.27 -0.26 0.00	48.82 -0.22 0.00	51.39 -0.13 0.00	57.86 -0.09 0.00	84.45 -0.37 0.00	72.96 -0.32 0.00	43.97 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	50.83 0.12 0.00	54.74 0.13 0.00	56.13 0.07 0.00	55.19 0.13 0.00	59.53 0.10 0.00	56.05 0.14 0.00	54.63 0.14 0.00	72.42 0.13 0.00	72.72 0.05 0.00	57.37 -0.11 0.00	61.39 -0.11 0.00	51.42 -0.08 0.00	70.21 0.00 0.00	58.35 -0.11 0.00	55.96 -0.18 0.00	54.87 -0.19 0.00	52.18 -0.18 0.00	50.27 -0.26 0.00	48.82 -0.22 0.00	51.39 -0.13 0.00	57.86 -0.09 0.00	84.45 -0.37 0.00	72.96 -0.32 0.00	43.97 -0.26 0.00
SYRACUSE___POWER 24017	50.83 0.12 0.00	54.73 0.13 0.00	56.15 0.09 0.00	55.19 0.12 0.00	59.51 0.08 0.00	56.02 0.11 0.00	54.62 0.13 0.00	72.41 0.12 0.00	72.74 0.06 0.00	57.39 -0.09 0.00	61.42 -0.09 0.00	51.45 -0.04 0.00	70.22 0.01 0.00	58.37 -0.09 0.00	55.98 -0.17 0.00	54.88 -0.18 0.00	52.19 -0.17 0.00	50.27 -0.25 0.00	48.82 -0.21 0.00	51.39 -0.13 0.00	57.88 -0.08 0.00	84.45 -0.37 0.00	73.00 -0.28 0.00	43.98 -0.25 0.00
TALLMAN___138KV_BK151 55660	51.74 1.03 0.00	55.69 1.09 0.00	57.13 1.07 0.00	56.19 1.12 0.00	60.70 1.28 0.00	57.23 1.32 0.00	56.02 1.53 0.00	74.69 2.39 0.00	75.27 2.60 0.00	59.42 1.95 0.00	63.83 2.33 0.00	53.48 1.99 0.00	72.93 2.72 0.00	60.80 2.35 0.00	58.42 2.28 0.00	57.30 2.24 0.00	54.60 2.24 0.00	52.68 2.15 0.00	51.19 2.16 0.00	53.71 2.19 0.00	60.14 2.19 0.00	87.69 2.87 0.00	75.62 2.34 0.00	45.56 1.33 0.00
TEALLAVE_115KV_TB7 355573	50.56 -0.15 0.00	54.45 -0.16 0.00	55.85 -0.20 0.00	54.91 -0.15 0.00	59.21 -0.21 0.00	55.73 -0.18 0.00	54.33 -0.16 0.00	72.02 -0.28 0.00	72.37 -0.31 0.00	57.09 -0.39 0.00	61.10 -0.40 0.00	51.17 -0.32 0.00	69.86 -0.35 0.00	58.05 -0.41 0.00	55.67 -0.47 0.00	54.59 -0.47 0.00	51.89 -0.48 0.00	49.97 -0.56 0.00	48.52 -0.52 0.00	51.08 -0.44 0.00	57.53 -0.43 0.00	83.96 -0.86 0.00	72.58 -0.70 0.00	43.72 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	49.74 -0.97 0.00	53.86 -0.75 0.00	55.07 -0.99 0.00	54.28 -0.78 0.00	58.11 -1.32 0.00	54.61 -1.30 0.00	52.98 -1.50 0.00	69.04 -3.25 0.00	69.05 -3.63 0.00	54.41 -3.07 0.00	58.14 -3.37 0.00	48.90 -2.59 0.00	66.75 -3.46 0.00	55.22 -3.23 0.00	52.52 -3.62 0.00	51.29 -3.77 0.00	48.03 -4.34 0.00	45.85 -4.68 0.00	44.80 -4.24 0.00	47.58 -3.93 0.00	54.18 -3.78 0.00	78.85 -5.97 0.00	69.28 -4.00 0.00	41.62 -2.61 0.00
TEMPLE___115KV_TB 2 55572	50.58 -0.14 0.00	54.48 -0.13 0.00	55.89 -0.16 0.00	54.92 -0.13 0.00	59.25 -0.18 0.00	55.76 -0.15 0.00	54.35 -0.14 0.00	72.06 -0.23 0.00	72.40 -0.28 0.00	57.11 -0.36 0.00	61.12 -0.38 0.00	51.21 -0.28 0.00	69.87 -0.34 0.00	58.09 -0.37 0.00	55.70 -0.44 0.00	54.61 -0.45 0.00	51.91 -0.45 0.00	49.99 -0.54 0.00	48.57 -0.48 0.00	51.10 -0.42 0.00	57.55 -0.41 0.00	83.99 -0.83 0.00	72.63 -0.65 0.00	43.75 -0.47 0.00
TIANA____69_KV_BK 1 55817	50.57 -0.14 0.00	54.37 -0.23 0.00	55.69 -0.36 0.00	54.75 -0.32 0.00	59.00 -0.43 0.00	54.72 -0.56 0.64	55.25 0.76 0.00	73.42 1.13 0.01	74.17 1.50 0.00	59.26 1.78 0.00	62.41 0.92 0.00	52.49 1.00 0.00	71.06 0.91 0.06	59.07 1.44 0.83	57.22 1.39 0.32	56.11 1.25 0.20	53.60 1.24 0.00	51.50 0.98 0.00	50.22 1.18 0.00	50.33 1.36 2.55	48.93 1.02 10.04	85.64 0.84 0.01	74.72 1.44 0.00	44.94 0.71 0.00
TILDEN___115KV_TB1 80814	50.83 0.12 0.00	54.73 0.13 0.00	56.15 0.09 0.00	55.19 0.12 0.00	59.51 0.08 0.00	56.02 0.11 0.00	54.62 0.13 0.00	72.41 0.12 0.00	72.74 0.06 0.00	57.39 -0.09 0.00	61.42 -0.09 0.00	51.45 -0.04 0.00	70.22 0.01 0.00	58.37 -0.09 0.00	55.98 -0.17 0.00	54.88 -0.18 0.00	52.19 -0.17 0.00	50.27 -0.25 0.00	48.82 -0.21 0.00	51.39 -0.13 0.00	57.88 -0.08 0.00	84.45 -0.37 0.00	73.00 -0.28 0.00	43.98 -0.25 0.00

TRIGEN___CC 323695	51.94 1.23 0.00	55.96 1.33 -0.02	57.34 1.27 -0.01	56.34 1.28 0.00	60.71 1.29 0.00	56.93 1.13 0.11	55.83 1.34 0.00	74.18 1.89 0.00	75.11 2.43 0.00	59.70 2.22 0.00	63.78 2.26 -0.02	53.57 2.06 -0.02	72.78 2.55 -0.02	63.93 2.75 -2.72	60.05 2.69 -1.21	58.11 2.56 -0.49	54.75 2.37 -0.02	52.71 2.16 -0.02	51.27 2.21 -0.02	55.72 2.44 -1.76	62.13 2.24 -1.93	87.50 2.68 0.00	75.60 2.32 0.00	45.50 1.28 0.00
TRINITY___115KV___4 BK 55933	50.82 0.11 0.00	54.71 0.10 0.00	56.20 0.14 0.00	55.16 0.10 0.00	59.57 0.14 0.00	56.08 0.17 0.00	54.77 0.28 0.00	72.87 0.57 0.00	73.36 0.68 0.00	57.89 0.41 0.00	61.98 0.48 0.00	51.79 0.29 0.00	70.63 0.42 0.00	58.93 0.47 0.00	56.66 0.51 0.00	55.69 0.63 0.00	53.02 0.65 0.00	51.10 0.57 0.00	49.62 0.58 0.00	52.09 0.57 0.00	58.47 0.51 0.00	85.33 0.51 0.00	73.63 0.35 0.00	44.53 0.30 0.00
UNION___PROCESSING_DRP 323587	50.32 -0.39 0.00	54.36 -0.25 0.00	55.65 -0.41 0.00	54.77 -0.30 0.00	58.87 -0.56 0.00	55.38 -0.54 0.00	53.86 -0.63 0.00	70.83 -1.46 0.00	71.07 -1.61 0.00	56.06 -1.42 0.00	59.95 -1.54 0.00	50.31 -1.19 0.00	68.71 -1.50 0.00	56.98 -1.48 0.00	54.42 -1.72 0.00	53.26 -1.81 0.00	50.27 -2.09 0.00	48.22 -2.31 0.00	46.94 -2.10 0.00	49.63 -1.89 0.00	56.22 -1.74 0.00	81.91 -2.91 0.00	71.24 -2.04 0.00	42.83 -1.40 0.00
UPPER HUDSON___HYD 24058	52.93 2.22 0.00	57.09 2.48 0.00	58.60 2.54 0.00	57.51 2.45 0.00	62.03 2.60 0.00	58.38 2.47 0.00	57.06 2.58 0.00	75.95 3.66 0.00	76.38 3.70 0.00	60.14 2.66 0.00	64.20 2.70 0.00	53.55 2.06 0.00	72.97 2.76 0.00	60.82 2.36 0.00	58.53 2.39 0.00	57.60 2.54 0.00	54.94 2.57 0.00	53.16 2.63 0.00	51.70 2.66 0.00	54.37 2.85 0.00	60.96 3.00 0.00	88.96 4.14 0.00	76.48 3.20 0.00	46.17 1.94 0.00
UPPER RAQUET___HYD 24056	50.42 -0.29 0.00	54.29 -0.31 0.00	55.69 -0.37 0.00	54.72 -0.34 0.00	59.13 -0.30 0.00	55.52 -0.40 0.00	53.93 -0.55 0.00	70.84 -1.45 0.00	71.26 -1.42 0.00	56.86 -0.61 0.00	60.65 -0.85 0.00	50.62 -0.87 0.00	68.40 -1.81 0.00	56.97 -1.48 0.00	55.12 -1.03 0.00	54.05 -1.01 0.00	51.44 -0.92 0.00	50.07 -0.46 0.00	48.34 -0.70 0.00	51.21 -0.31 0.00	57.80 -0.15 0.00	84.47 -0.35 0.00	72.94 -0.34 0.00	44.38 0.16 0.00
VALLEY44_115KV_TB2 355964	51.80 1.09 0.00	56.30 1.69 0.00	57.65 1.59 0.00	56.76 1.70 0.00	60.88 1.46 0.00	57.31 1.40 0.00	55.58 1.10 0.00	72.62 0.33 0.00	72.56 -0.11 0.00	56.92 -0.56 0.00	61.18 -0.32 0.00	51.47 -0.02 0.00	70.59 0.38 0.00	58.58 0.13 0.00	55.86 -0.29 0.00	54.57 -0.49 0.00	51.54 -0.82 0.00	48.99 -1.54 0.00	47.44 -1.60 0.00	50.09 -1.43 0.00	56.90 -1.06 0.00	83.04 -1.78 0.00	72.37 -0.90 0.00	43.73 -0.50 0.00
VALLEY___115KV_TB 1-4 80826	50.08 -0.63 0.00	53.94 -0.67 0.00	55.44 -0.62 0.00	54.48 -0.59 0.00	58.83 -0.60 0.00	55.40 -0.52 0.00	54.10 -0.39 0.00	72.05 -0.24 0.00	72.87 0.19 0.00	57.40 -0.08 0.00	61.29 -0.21 0.00	51.11 -0.39 0.00	69.67 -0.54 0.00	57.90 -0.55 0.00	55.62 -0.52 0.00	55.00 -0.06 0.00	52.55 0.19 0.00	50.65 0.12 0.00	49.35 0.31 0.00	51.93 0.41 0.00	58.19 0.23 0.00	84.90 0.08 0.00	73.02 -0.26 0.00	43.99 -0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.90 2.18 0.00	56.95 2.34 0.00	58.57 2.51 0.00	57.52 2.46 0.00	62.09 2.67 0.00	58.57 2.66 0.00	57.22 2.73 0.00	76.04 3.75 0.00	76.53 3.86 0.00	60.38 2.91 0.00	64.67 3.17 0.00	54.15 2.66 0.00	73.86 3.65 0.00	61.43 2.97 0.00	58.98 2.84 0.00	57.83 2.77 0.00	55.15 2.78 0.00	53.19 2.66 0.00	51.58 2.54 0.00	54.23 2.72 0.00	60.95 3.00 0.00	88.91 4.09 0.00	76.73 3.45 0.00	46.23 2.00 0.00
VISCHER___FERRY HYD 24020	51.51 0.80 0.00	55.45 0.84 0.00	56.94 0.88 0.00	55.88 0.82 0.00	60.33 0.91 0.00	56.79 0.88 0.00	55.45 0.96 0.00	73.81 1.52 0.00	74.26 1.58 0.00	58.54 1.07 0.00	62.64 1.14 0.00	52.31 0.81 0.00	71.32 1.11 0.00	59.50 1.04 0.00	57.21 1.07 0.00	56.26 1.20 0.00	53.58 1.21 0.00	51.64 1.12 0.00	50.18 1.14 0.00	52.72 1.20 0.00	59.17 1.21 0.00	86.40 1.59 0.00	74.54 1.26 0.00	45.02 0.79 0.00
V_A_10_SYNC_DSASP 323832	49.73 -0.98 0.00	53.84 -0.76 0.00	55.10 -0.96 0.00	54.26 -0.80 0.00	58.20 -1.23 0.00	54.73 -1.18 0.00	53.11 -1.38 0.00	69.43 -2.87 0.00	69.50 -3.18 0.00	54.73 -2.74 0.00	58.53 -2.97 0.00	49.20 -2.30 0.00	67.24 -2.97 0.00	55.75 -2.70 0.00	53.18 -2.97 0.00	51.98 -3.09 0.00	48.89 -3.47 0.00	46.72 -3.81 0.00	45.51 -3.53 0.00	48.17 -3.35 0.00	54.73 -3.23 0.00	79.72 -5.09 0.00	69.70 -3.58 0.00	41.93 -2.30 0.00
V_CMM_10_SYNC_DSASP 323787	50.77 0.06 0.00	54.83 0.22 0.00	56.27 0.21 0.00	55.30 0.24 0.00	59.72 0.29 0.00	56.07 0.15 0.00	54.49 0.00 0.00	71.97 -0.33 0.00	72.07 -0.61 0.00	57.32 -0.16 0.00	61.31 -0.19 0.00	51.47 -0.03 0.00	70.01 -0.20 0.00	58.38 -0.08 0.00	56.21 0.07 0.00	55.05 -0.01 0.00	52.29 -0.07 0.00	50.70 0.17 0.00	49.13 0.09 0.00	51.67 0.15 0.00	58.26 0.30 0.00	85.56 0.74 0.00	73.69 0.41 0.00	44.58 0.35 0.00
V_CMP_10_SYNC_DSASP 323788	52.01 1.29 0.00	55.69 1.08 0.00	57.12 1.06 0.00	55.99 0.92 0.00	60.47 1.04 0.00	56.95 1.04 0.00	55.54 1.05 0.00	73.46 1.17 0.00	73.98 1.30 0.00	58.64 1.17 0.00	62.65 1.15 0.00	52.42 0.92 0.00	71.56 1.35 0.00	59.64 1.19 0.00	57.25 1.10 0.00	56.18 1.12 0.00	53.51 1.15 0.00	51.79 1.26 0.00	50.30 1.26 0.00	52.96 1.44 0.00	59.61 1.65 0.00	87.14 2.32 0.00	75.38 2.10 0.00	45.73 1.51 0.00
V_D_10_SYNC_DSASP 323841	51.27 0.56 0.00	55.22 0.61 0.00	56.66 0.60 0.00	55.69 0.62 0.00	60.13 0.70 0.00	56.44 0.53 0.00	54.85 0.36 0.00	72.13 -0.16 0.00	72.52 -0.16 0.00	57.85 0.37 0.00	61.83 0.33 0.00	51.73 0.24 0.00	70.08 -0.13 0.00	58.42 -0.03 0.00	56.46 0.32 0.00	55.31 0.25 0.00	52.55 0.19 0.00	50.99 0.46 0.00	49.26 0.21 0.00	52.01 0.49 0.00	58.66 0.70 0.00	85.78 0.96 0.00	74.17 0.90 0.00	45.07 0.84 0.00
V_E_10_SYNC_DSASP 323830	54.79 4.08 0.00	58.83 4.22 0.00	60.44 4.38 0.00	59.41 4.35 0.00	64.02 4.60 0.00	60.41 4.50 0.00	58.87 4.39 0.00	78.00 5.71 0.00	78.34 5.67 0.00	61.45 3.97 0.00	66.01 4.51 0.00	55.26 3.77 0.00	75.63 5.42 0.00	62.74 4.28 0.00	59.76 3.61 0.00	58.50 3.44 0.00	55.97 3.61 0.00	54.29 3.76 0.00	52.85 3.81 0.00	55.71 4.19 0.00	62.84 4.88 0.00	90.92 6.10 0.00	78.05 4.77 0.00	46.97 2.74 0.00
V_F_30_NSYNC___DSASP 323816	52.44 1.73 0.00	56.51 1.91 0.00	58.02 1.96 0.00	56.96 1.90 0.00	61.45 2.02 0.00	57.87 1.95 0.00	56.54 2.05 0.00	75.28 2.98 0.00	75.71 3.04 0.00	59.65 2.17 0.00	63.75 2.25 0.00	53.20 1.71 0.00	72.51 2.29 0.00	60.44 1.98 0.00	58.15 2.01 0.00	57.19 2.13 0.00	54.51 2.15 0.00	52.59 2.07 0.00	51.14 2.10 0.00	53.79 2.27 0.00	60.33 2.37 0.00	88.10 3.28 0.00	75.89 2.61 0.00	45.79 1.57 0.00

V_F_30_SYNC_DSASP 323786	51.03 0.32 0.00	54.92 0.31 0.00	56.41 0.35 0.00	55.38 0.32 0.00	59.80 0.38 0.00	56.31 0.40 0.00	54.99 0.50 0.00	73.16 0.86 0.00	73.68 1.00 0.00	58.14 0.66 0.00	62.26 0.76 0.00	52.03 0.53 0.00	70.96 0.76 0.00	59.18 0.72 0.00	56.91 0.77 0.00	55.92 0.86 0.00	53.25 0.89 0.00	51.33 0.81 0.00	49.84 0.80 0.00	52.33 0.81 0.00	58.72 0.76 0.00	85.72 0.90 0.00	73.93 0.65 0.00	44.70 0.47 0.00
V_XM_10_SYNC_DSASP 323789	52.01 1.29 0.00	55.69 1.08 0.00	57.12 1.06 0.00	55.99 0.92 0.00	60.47 1.04 0.00	56.95 1.04 0.00	55.54 1.05 0.00	73.46 1.17 0.00	73.98 1.30 0.00	58.64 1.17 0.00	62.65 1.15 0.00	52.42 0.92 0.00	71.56 1.35 0.00	59.64 1.19 0.00	57.25 1.10 0.00	56.18 1.12 0.00	53.51 1.15 0.00	51.79 1.26 0.00	50.30 1.26 0.00	52.96 1.44 0.00	59.61 1.65 0.00	87.14 2.32 0.00	75.38 2.10 0.00	45.73 1.51 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.99 1.28 0.00	55.96 1.35 0.00	57.39 1.34 0.00	56.44 1.38 0.00	60.97 1.54 0.00	57.48 1.57 0.00	56.27 1.78 0.00	75.01 2.71 0.00	75.61 2.93 0.00	59.71 2.24 0.00	64.12 2.62 0.00	53.74 2.25 0.00	73.26 3.05 0.00	61.09 2.63 0.00	58.69 2.54 0.00	57.57 2.51 0.00	54.86 2.50 0.00	52.91 2.38 0.00	51.41 2.37 0.00	53.97 2.45 0.00	60.43 2.48 0.00	88.08 3.27 0.00	75.95 2.67 0.00	45.76 1.53 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.67 1.95 0.00	56.64 2.04 0.00	58.06 2.00 0.00	57.06 2.00 0.00	61.59 2.16 0.00	58.06 2.15 0.00	56.75 2.26 0.00	75.66 3.37 0.00	76.51 3.84 0.00	60.48 3.01 0.00	64.78 3.28 0.00	54.31 2.82 0.00	74.11 3.90 0.00	61.81 3.35 0.00	59.47 3.33 0.00	58.31 3.25 0.00	55.58 3.22 0.00	53.51 2.98 0.00	51.96 2.91 0.00	54.56 3.04 0.00	61.11 3.15 0.00	88.97 4.15 0.00	76.71 3.43 0.00	46.25 2.02 0.00
W50THST__13_KV_LOAD 356117	52.98 2.27 0.00	56.98 2.37 0.00	58.38 2.33 0.00	57.40 2.34 0.00	61.94 2.51 0.00	58.40 2.49 0.00	57.08 2.60 0.00	76.13 3.84 0.00	77.01 4.33 0.00	60.88 3.40 0.00	65.21 3.71 0.00	54.69 3.20 0.00	74.62 4.41 0.00	62.22 3.76 0.00	59.86 3.72 0.00	58.70 3.64 0.00	55.96 3.59 0.00	53.86 3.33 0.00	52.27 3.23 0.00	54.88 3.36 0.00	61.47 3.51 0.00	89.46 4.64 0.00	77.09 3.82 0.00	46.48 2.26 0.00
WADING RIVER_IC_1 23522	50.27 -0.44 0.00	54.10 -0.50 0.00	55.41 -0.65 0.00	54.45 -0.61 0.00	58.68 -0.75 0.00	54.39 -0.88 0.64	55.09 0.61 0.00	73.14 0.85 0.01	73.77 1.10 0.00	58.91 1.44 0.00	61.89 0.40 0.00	52.05 0.56 0.00	70.47 0.32 0.06	58.59 0.97 0.83	56.79 0.96 0.32	55.68 0.82 0.20	53.17 0.81 0.00	51.10 0.57 0.00	49.82 0.79 0.00	49.89 0.92 2.55	48.43 0.52 10.05	84.99 0.19 0.01	74.39 1.11 0.00	44.75 0.52 0.00
WADING RIVER_IC_2 23547	50.27 -0.44 0.00	54.10 -0.50 0.00	55.41 -0.65 0.00	54.45 -0.61 0.00	58.68 -0.75 0.00	54.39 -0.88 0.64	55.09 0.61 0.00	73.14 0.85 0.01	73.77 1.10 0.00	58.91 1.44 0.00	61.89 0.40 0.00	52.05 0.56 0.00	70.47 0.32 0.06	58.59 0.97 0.83	56.79 0.96 0.32	55.68 0.82 0.20	53.17 0.81 0.00	51.10 0.57 0.00	49.82 0.79 0.00	49.89 0.92 2.55	48.43 0.52 10.05	84.99 0.19 0.01	74.39 1.11 0.00	44.75 0.52 0.00
WADING RIVER_IC_3 23601	50.27 -0.44 0.00	54.10 -0.50 0.00	55.41 -0.65 0.00	54.45 -0.61 0.00	58.68 -0.75 0.00	54.39 -0.88 0.64	55.09 0.61 0.00	73.14 0.85 0.01	73.77 1.10 0.00	58.91 1.44 0.00	61.89 0.40 0.00	52.05 0.56 0.00	70.47 0.32 0.06	58.59 0.97 0.83	56.79 0.96 0.32	55.68 0.82 0.20	53.17 0.81 0.00	51.10 0.57 0.00	49.82 0.79 0.00	49.89 0.92 2.55	48.43 0.52 10.05	84.99 0.19 0.01	74.39 1.11 0.00	44.75 0.52 0.00
WALDENNY_12_KV_BK2 80841	50.50 -0.21 0.00	54.70 0.10 0.00	55.89 -0.17 0.00	55.08 0.02 0.00	58.99 -0.44 0.00	55.40 -0.51 0.00	53.76 -0.73 0.00	70.09 -2.20 0.00	70.05 -2.63 0.00	55.11 -2.37 0.00	59.00 -2.50 0.00	49.65 -1.85 0.00	67.85 -2.36 0.00	56.14 -2.32 0.00	53.38 -2.76 0.00	52.08 -2.98 0.00	48.86 -3.51 0.00	46.51 -4.02 0.00	45.40 -3.64 0.00	48.15 -3.37 0.00	54.69 -3.27 0.00	79.70 -5.12 0.00	69.95 -3.33 0.00	42.05 -2.18 0.00
WALDEN__HYDRO 24148	52.00 1.29 0.00	55.95 1.35 0.00	57.41 1.36 0.00	56.43 1.36 0.00	60.94 1.51 0.00	57.45 1.54 0.00	56.20 1.71 0.00	74.91 2.61 0.00	75.56 2.88 0.00	59.69 2.21 0.00	64.05 2.55 0.00	53.71 2.21 0.00	73.22 3.02 0.00	61.02 2.57 0.00	58.61 2.47 0.00	57.51 2.45 0.00	54.78 2.42 0.00	52.83 2.30 0.00	51.33 2.29 0.00	53.90 2.38 0.00	60.39 2.43 0.00	88.02 3.20 0.00	75.88 2.60 0.00	45.72 1.49 0.00
WARRENSBURG____ 23737	52.93 2.22 0.00	57.09 2.48 0.00	58.59 2.54 0.00	57.51 2.45 0.00	62.03 2.61 0.00	58.38 2.47 0.00	57.06 2.58 0.00	75.95 3.66 0.00	76.38 3.70 0.00	60.14 2.66 0.00	64.20 2.70 0.00	53.55 2.06 0.00	72.97 2.76 0.00	60.82 2.36 0.00	58.54 2.39 0.00	57.60 2.54 0.00	54.94 2.57 0.00	53.16 2.63 0.00	51.70 2.66 0.00	54.37 2.85 0.00	60.96 3.00 0.00	88.96 4.15 0.00	76.48 3.20 0.00	46.17 1.94 0.00
WATERSIDE____6 8 9 23538	51.54 2.00 1.17	56.39 2.07 0.29	58.03 2.06 0.09	57.11 2.06 0.00	61.62 2.20 0.00	57.94 2.20 0.17	56.76 2.34 0.07	75.74 3.45 0.00	75.90 3.91 0.69	58.26 3.09 2.31	59.81 3.41 5.10	47.24 2.96 7.21	71.04 4.05 3.22	56.25 3.50 5.71	53.41 3.45 6.18	52.03 3.38 6.41	48.73 3.33 6.96	46.26 3.11 7.38	46.27 3.05 5.82	47.54 3.19 7.17	55.41 3.30 5.84	87.86 4.32 1.27	74.81 3.58 2.05	43.60 2.12 2.75
WATKINRD_115KV_LN8_ILLION 55919	49.89 -0.82 0.00	53.71 -0.89 0.00	55.23 -0.82 0.00	54.28 -0.78 0.00	58.62 -0.81 0.00	55.20 -0.72 0.00	53.97 -0.52 0.00	72.02 -0.27 0.00	72.96 0.28 0.00	57.40 -0.08 0.00	61.21 -0.29 0.00	50.97 -0.53 0.00	69.47 -0.74 0.00	57.68 -0.78 0.00	55.42 -0.72 0.00	54.98 -0.08 0.00	52.64 0.28 0.00	50.71 0.18 0.00	49.49 0.45 0.00	52.10 0.58 0.00	58.29 0.33 0.00	84.95 0.14 0.00	72.95 -0.33 0.00	43.93 -0.29 0.00
WATSON__69_KV_BK 1 55734	52.06 1.35 0.00	56.05 1.44 0.00	57.40 1.34 0.00	56.40 1.34 0.00	60.74 1.32 0.00	56.31 1.01 0.61	56.01 1.53 0.00	74.30 2.02 0.01	75.26 2.58 0.00	60.12 2.64 0.00	63.85 2.35 0.00	53.68 2.19 0.00	72.77 2.62 0.06	60.68 2.86 0.64	58.67 2.77 0.24	57.50 2.61 0.17	54.85 2.49 0.00	52.76 2.23 0.00	51.39 2.35 0.00	51.76 2.57 2.33	50.87 2.36 9.45	87.64 2.83 0.01	75.97 2.69 0.00	45.70 1.47 0.00
WDELAWARE__HYD 323627	52.74 2.03 0.00	56.74 2.13 0.00	58.20 2.15 0.00	57.21 2.15 0.00	61.81 2.38 0.00	58.30 2.39 0.00	57.02 2.54 0.00	75.98 3.69 0.00	76.68 4.00 0.00	60.56 3.08 0.00	65.00 3.50 0.00	54.48 2.99 0.00	74.35 4.13 0.00	61.96 3.50 0.00	59.49 3.35 0.00	58.34 3.28 0.00	55.54 3.17 0.00	53.54 3.01 0.00	52.04 3.00 0.00	54.67 3.15 0.00	61.28 3.32 0.00	89.30 4.48 0.00	76.93 3.65 0.00	46.33 2.10 0.00

WEST BABYLON___IC 23714	52.15 1.43 0.00	56.12 1.52 0.00	57.48 1.43 0.00	56.47 1.41 0.00	60.83 1.40 0.00	56.43 1.08 0.56	55.90 1.41 0.00	74.15 1.86 0.01	75.10 2.42 0.00	59.94 2.47 0.00	63.78 2.28 0.00	53.62 2.13 0.00	72.73 2.57 0.05	61.05 2.82 0.22	58.81 2.72 0.06	57.53 2.56 0.09	54.81 2.44 0.00	52.73 2.20 0.00	51.33 2.29 0.00	52.19 2.52 1.85	52.11 2.31 8.16	87.56 2.75 0.01	75.84 2.56 0.00	45.69 1.46 0.00
WEST CANADA___HYD 24049	50.71 0.00 0.00	54.61 0.00 0.00	56.06 0.00 0.00	55.06 0.00 0.00	59.43 0.00 0.00	55.91 0.00 0.00	54.54 0.05 0.00	72.44 0.15 0.00	72.90 0.22 0.00	57.59 0.11 0.00	61.61 0.11 0.00	51.56 0.07 0.00	70.32 0.11 0.00	58.57 0.11 0.00	56.22 0.08 0.00	55.17 0.11 0.00	52.51 0.14 0.00	50.63 0.10 0.00	49.16 0.12 0.00	51.67 0.15 0.00	58.07 0.11 0.00	84.90 0.09 0.00	73.32 0.04 0.00	44.22 0.00 0.00
WESTERN_NY_WIND 24143	50.64 -0.07 0.00	54.78 0.17 0.00	56.00 -0.06 0.00	55.18 0.12 0.00	59.14 -0.28 0.00	55.62 -0.29 0.00	54.05 -0.44 0.00	70.64 -1.65 0.00	70.76 -1.91 0.00	55.81 -1.66 0.00	59.63 -1.87 0.00	50.09 -1.41 0.00	68.30 -1.91 0.00	56.46 -1.99 0.00	53.75 -2.40 0.00	52.52 -2.54 0.00	49.26 -3.11 0.00	47.16 -3.37 0.00	46.07 -2.97 0.00	48.92 -2.60 0.00	55.67 -2.29 0.00	80.95 -3.87 0.00	70.87 -2.41 0.00	42.54 -1.69 0.00
WESTOVER___LESR 323668	51.35 0.64 0.00	55.36 0.75 0.00	56.80 0.75 0.00	55.80 0.74 0.00	60.16 0.73 0.00	56.62 0.71 0.00	55.19 0.70 0.00	73.11 0.82 0.00	73.29 0.61 0.00	57.70 0.22 0.00	61.89 0.39 0.00	51.90 0.41 0.00	70.89 0.68 0.00	58.91 0.45 0.00	56.39 0.24 0.00	55.24 0.17 0.00	52.54 0.17 0.00	50.47 -0.06 0.00	48.96 -0.08 0.00	51.60 0.08 0.00	58.15 0.19 0.00	84.89 0.07 0.00	73.43 0.15 0.00	44.31 0.08 0.00
WETHRSFD_WT_PWR 323626	50.20 -0.51 0.00	54.29 -0.32 0.00	55.55 -0.51 0.00	54.71 -0.35 0.00	58.65 -0.77 0.00	55.14 -0.77 0.00	53.62 -0.87 0.00	70.20 -2.09 0.00	70.03 -2.65 0.00	55.02 -2.46 0.00	58.70 -2.80 0.00	49.25 -2.25 0.00	67.30 -2.91 0.00	55.68 -2.78 0.00	53.04 -3.11 0.00	51.88 -3.18 0.00	48.73 -3.64 0.00	46.59 -3.94 0.00	45.47 -3.57 0.00	48.33 -3.18 0.00	55.21 -2.75 0.00	80.57 -4.25 0.00	70.47 -2.81 0.00	42.33 -1.89 0.00
WHAVSTOR_138KV_BK127 55557	51.78 1.06 0.00	55.74 1.13 0.00	57.17 1.12 0.00	56.21 1.15 0.00	60.72 1.29 0.00	57.25 1.33 0.00	56.01 1.52 0.00	74.66 2.37 0.00	75.28 2.61 0.00	59.45 1.97 0.00	63.81 2.31 0.00	53.48 1.99 0.00	72.92 2.71 0.00	60.80 2.35 0.00	58.42 2.28 0.00	57.31 2.25 0.00	54.61 2.24 0.00	52.67 2.14 0.00	51.19 2.15 0.00	53.71 2.19 0.00	60.15 2.20 0.00	87.69 2.87 0.00	75.62 2.34 0.00	45.57 1.35 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.78 1.06 0.00	55.74 1.13 0.00	57.17 1.12 0.00	56.21 1.15 0.00	60.72 1.29 0.00	57.25 1.33 0.00	56.01 1.52 0.00	74.66 2.37 0.00	75.28 2.61 0.00	59.45 1.97 0.00	63.81 2.31 0.00	53.48 1.99 0.00	72.92 2.71 0.00	60.80 2.35 0.00	58.42 2.28 0.00	57.31 2.25 0.00	54.61 2.24 0.00	52.67 2.14 0.00	51.19 2.15 0.00	53.71 2.19 0.00	60.15 2.20 0.00	87.69 2.87 0.00	75.62 2.34 0.00	45.57 1.35 0.00
WHITEHAL_115KV_TB1 80871	53.86 3.15 0.00	58.46 3.85 0.00	59.90 3.84 0.00	58.82 3.76 0.00	63.36 3.93 0.00	59.90 3.99 0.00	58.40 3.91 0.00	77.86 5.57 0.00	77.80 5.13 0.00	60.69 3.21 0.00	64.64 3.14 0.00	53.90 2.40 0.00	73.64 3.43 0.00	61.27 2.81 0.00	59.04 2.90 0.00	58.30 3.23 0.00	55.75 3.38 0.00	54.48 3.95 0.00	53.08 4.04 0.00	55.80 4.29 0.00	62.47 4.51 0.00	91.46 6.64 0.00	78.14 4.86 0.00	47.34 3.11 0.00
WHITEPLN_13_KV_LOAD 356215	52.84 2.13 0.00	56.83 2.23 0.00	58.27 2.22 0.00	57.25 2.20 0.00	61.81 2.38 0.00	58.26 2.35 0.00	56.99 2.50 0.00	76.00 3.71 0.00	76.81 4.13 0.00	60.73 3.25 0.00	65.12 3.62 0.00	54.59 3.10 0.00	74.44 4.23 0.00	62.08 3.62 0.00	59.68 3.54 0.00	58.52 3.46 0.00	55.78 3.41 0.00	53.74 3.21 0.00	52.22 3.18 0.00	54.83 3.31 0.00	61.42 3.46 0.00	89.46 4.64 0.00	77.10 3.82 0.00	46.45 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	50.91 0.20 0.00	54.80 0.20 0.00	56.09 0.04 0.00	55.13 0.06 0.00	59.41 -0.02 0.00	55.05 -0.22 0.64	55.34 0.85 0.00	73.43 1.14 0.01	74.24 1.57 0.00	59.31 1.84 0.00	62.60 1.10 0.00	52.64 1.15 0.00	71.25 1.10 0.06	59.26 1.62 0.82	57.42 1.60 0.31	56.29 1.44 0.20	53.78 1.42 0.00	51.66 1.14 0.00	50.36 1.32 0.00	50.46 1.49 2.54	49.10 1.16 10.02	85.93 1.13 0.01	74.89 1.61 0.00	45.04 0.82 0.00
WOODARD___115KV_TB2 355635	50.47 -0.24 0.00	54.35 -0.25 0.00	55.77 -0.29 0.00	54.80 -0.26 0.00	59.10 -0.32 0.00	55.63 -0.29 0.00	54.22 -0.27 0.00	71.90 -0.40 0.00	72.25 -0.43 0.00	57.01 -0.47 0.00	60.99 -0.51 0.00	51.08 -0.41 0.00	69.73 -0.48 0.00	57.95 -0.51 0.00	55.57 -0.57 0.00	54.49 -0.57 0.00	51.80 -0.56 0.00	49.91 -0.62 0.00	48.47 -0.57 0.00	51.01 -0.51 0.00	57.44 -0.51 0.00	83.86 -0.95 0.00	72.49 -0.79 0.00	43.67 -0.56 0.00
YORK___WARBASSE 23770	58.85 2.32 -5.82	58.45 2.38 -1.47	58.88 2.36 -0.46	57.47 2.40 -0.02	61.97 2.54 -0.01	59.30 2.53 -0.86	57.52 2.68 -0.35	76.18 3.89 -0.01	80.52 4.38 -3.46	72.46 3.45 -11.54	90.75 3.80 -25.46	90.77 3.29 -35.98	90.78 4.49 -16.08	90.78 3.85 -28.47	90.77 3.80 -30.83	90.76 3.72 -31.97	90.77 3.66 -34.75	90.77 3.43 -36.82	81.41 3.35 -29.01	90.76 3.49 -35.76	90.76 3.66 -29.14	96.00 4.85 -6.33	89.39 4.02 -12.09	63.38 2.40 -16.76