

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/20/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	68.92	55.27	53.59	49.61	57.12	60.91	85.24	72.65	68.98	56.02	58.65	60.72	60.35	58.68	62.89	68.13	70.02	72.20	79.76	83.00	84.92	85.58	77.85	67.54
24138	2.79	2.34	2.15	1.96	2.15	2.51	3.48	3.31	3.31	3.33	4.06	4.35	4.45	4.12	4.52	4.54	4.37	4.69	5.36	5.24	5.51	5.07	4.38	1.89
	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	-0.78	-4.68	-5.44	-36.58
74TH STREET_GT_1	69.09	55.41	53.70	49.71	57.21	61.03	85.42	72.82	69.12	56.12	58.72	60.77	60.40	58.73	62.97	68.19	70.16	72.34	79.94	83.23	85.07	85.74	78.03	67.59
24260	2.96	2.48	2.26	2.06	2.24	2.63	3.65	3.48	3.45	3.43	4.12	4.41	4.50	4.17	4.60	4.60	4.51	4.83	5.54	5.47	5.65	5.22	4.56	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-4.68	-5.44	-36.59
74TH STREET_GT_2	69.09	55.41	53.70	49.71	57.21	61.03	85.42	72.82	69.12	56.12	58.72	60.77	60.40	58.73	62.97	68.19	70.16	72.34	79.94	83.23	85.07	85.74	78.03	67.59
24261	2.96	2.48	2.26	2.06	2.24	2.63	3.65	3.48	3.45	3.43	4.12	4.41	4.50	4.17	4.60	4.60	4.51	4.83	5.54	5.47	5.65	5.22	4.56	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-4.68	-5.44	-36.59
ADK HUDSON___FALLS	70.17	56.34	54.76	50.89	58.81	62.82	88.61	74.65	70.70	56.28	57.85	59.66	58.90	57.75	62.15	68.71	71.31	73.37	80.77	84.69	86.36	88.02	80.62	74.86
24011	4.03	3.41	3.31	3.24	3.84	4.43	6.85	5.31	5.03	3.58	3.26	3.29	3.00	3.19	3.79	5.12	5.66	5.86	6.38	6.93	6.81	6.64	6.14	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-5.54	-6.44	-43.35
ADK RESOURCE___RCVRY	70.57	56.72	55.10	51.24	59.28	63.40	89.54	75.14	71.30	56.71	58.23	60.15	59.36	58.29	62.65	69.44	72.18	74.21	81.66	85.73	87.21	88.84	81.43	75.17
23798	4.44	3.80	3.65	3.59	4.31	5.01	7.78	5.81	5.63	4.02	3.64	3.78	3.45	3.73	4.28	5.84	6.53	6.70	7.26	7.97	7.65	7.45	6.96	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-5.55	-6.45	-43.37
ADK S GLENS___FALLS	70.17	56.34	54.76	50.89	58.81	62.82	88.61	74.65	70.70	56.28	57.85	59.66	58.90	57.75	62.15	68.71	71.31	73.37	80.77	84.69	86.36	88.02	80.62	74.86
24028	4.03	3.41	3.31	3.24	3.84	4.43	6.85	5.31	5.03	3.58	3.26	3.29	3.00	3.19	3.79	5.12	5.66	5.86	6.38	6.93	6.81	6.64	6.14	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-5.54	-6.44	-43.35
ADK_NYS___DAM	67.92	54.58	52.97	49.24	56.86	60.59	85.40	72.19	68.24	54.09	55.37	57.20	56.57	55.76	60.01	66.13	68.25	70.18	77.09	81.10	83.03	85.22	78.04	73.01
23527	1.79	1.66	1.52	1.59	1.89	2.19	3.64	2.85	2.57	1.39	0.78	0.83	0.67	1.20	1.64	2.53	2.61	2.67	2.69	3.34	3.49	3.96	3.72	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.90	-5.42	-6.30	-42.38
AIR_PRODUCTS___DRP	66.41	53.31	51.79	48.05	55.32	58.86	82.64	70.11	66.36	53.12	54.94	56.67	56.17	54.96	59.06	64.71	66.70	68.61	75.57	79.10	80.89	82.68	75.62	71.67
24190	0.27	0.39	0.35	0.40	0.35	0.46	0.88	0.78	0.69	0.42	0.35	0.30	0.26	0.40	0.69	1.12	1.06	1.10	1.17	1.34	1.36	1.47	1.34	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.90	-5.37	-6.25	-42.03
AKWESSNE_115KV_BK	68.99	54.53	52.96	48.85	56.71	59.96	82.63	69.80	66.85	53.89	56.33	58.45	56.14	55.17	58.91	63.36	65.04	66.53	72.86	76.68	78.23	75.23	66.90	28.76
355683	2.86	1.60	1.51	1.20	1.74	1.56	0.87	0.46	1.18	1.19	1.74	2.08	0.24	0.61	0.54	-0.24	-0.61	-0.98	-1.54	-1.08	-0.41	-0.69	-1.21	-0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.08	-0.09	-0.59
ALBANY_1_SOLAR	68.22	54.68	53.11	49.34	56.88	60.48	84.96	72.03	67.87	54.09	55.83	57.34	56.75	55.40	59.64	65.92	68.35	70.36	77.54	81.12	82.90	84.39	77.11	71.44
323833	2.08	1.75	1.66	1.69	1.91	2.08	3.21	2.69	2.20	1.40	1.24	0.97	0.85	0.84	1.27	2.32	2.70	2.86	3.14	3.36	3.39	3.29	2.98	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-5.26	-6.11	-41.13
ALBANY_2_SOLAR	68.18	54.66	53.10	49.32	56.83	60.45	84.93	71.98	67.83	54.08	55.81	57.33	56.74	55.40	59.63	65.89	68.33	70.33	77.49	81.09	82.85	84.36	77.08	71.43
323834	2.04	1.74	1.65	1.66	1.86	2.05	3.17	2.64	2.16	1.39	1.22	0.96	0.84	0.84	1.26	2.29	2.68	2.82	3.09	3.34	3.34	3.26	2.94	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-5.26	-6.12	-41.13
ALBANY___1	66.41	53.31	51.79	48.05	55.32	58.86	82.64	70.11	66.36	53.12	54.94	56.67	56.17	54.96	59.06	64.71	66.70	68.61	75.57	79.10	80.89	82.68	75.62	71.67
23571	0.27	0.39	0.35	0.40	0.35	0.46	0.88	0.78	0.69	0.42	0.35	0.30	0.26	0.40	0.69	1.12	1.06	1.10	1.17	1.34	1.36	1.47	1.34	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.90	-5.37	-6.25	-42.03

ALBANY___2 23572	66.41 0.27 0.00	53.31 0.39 0.00	51.79 0.35 0.00	48.05 0.40 0.00	55.32 0.35 0.00	58.86 0.46 0.00	82.64 0.88 0.00	70.11 0.78 0.00	66.36 0.69 0.00	53.12 0.42 0.00	54.94 0.35 0.00	56.67 0.30 0.00	56.17 0.26 0.00	54.96 0.40 0.00	59.06 0.69 0.00	64.71 1.12 0.00	66.70 1.06 0.00	68.61 1.10 0.00	75.57 1.17 0.00	79.10 1.34 0.00	80.89 1.36 -0.90	82.68 1.47 -5.37	75.62 1.34 -6.25	71.67 0.58 -42.03
ALBANY___3 23573	66.41 0.27 0.00	53.31 0.39 0.00	51.79 0.35 0.00	48.05 0.40 0.00	55.32 0.35 0.00	58.86 0.46 0.00	82.64 0.88 0.00	70.11 0.78 0.00	66.36 0.69 0.00	53.12 0.42 0.00	54.94 0.35 0.00	56.67 0.30 0.00	56.17 0.26 0.00	54.96 0.40 0.00	59.06 0.69 0.00	64.71 1.12 0.00	66.70 1.06 0.00	68.61 1.10 0.00	75.57 1.17 0.00	79.10 1.34 0.00	80.89 1.36 -0.90	82.68 1.47 -5.37	75.62 1.34 -6.25	71.67 0.58 -42.03
ALBANY___4 23574	66.41 0.27 0.00	53.31 0.39 0.00	51.79 0.35 0.00	48.05 0.40 0.00	55.32 0.35 0.00	58.86 0.46 0.00	82.64 0.88 0.00	70.11 0.78 0.00	66.36 0.69 0.00	53.12 0.42 0.00	54.94 0.35 0.00	56.67 0.30 0.00	56.17 0.26 0.00	54.96 0.40 0.00	59.06 0.69 0.00	64.71 1.12 0.00	66.70 1.06 0.00	68.61 1.10 0.00	75.57 1.17 0.00	79.10 1.34 0.00	80.89 1.36 -0.90	82.68 1.47 -5.37	75.62 1.34 -6.25	71.67 0.58 -42.03
ALBANY___LFGE 323615	67.00 0.86 0.00	53.76 0.84 0.00	52.23 0.78 0.00	48.45 0.80 0.00	55.80 0.83 0.00	59.40 1.00 0.00	83.44 1.67 0.00	70.80 1.46 0.00	66.99 1.32 0.00	53.62 0.92 0.00	55.44 0.86 0.00	57.17 0.81 0.00	56.63 0.72 0.00	55.44 0.88 0.00	59.65 1.29 0.00	65.40 1.81 0.00	67.43 1.78 0.00	69.34 1.83 0.00	76.36 1.96 0.00	79.91 2.16 0.00	81.69 2.15 -0.90	83.47 2.24 -5.40	76.31 2.01 -6.28	72.12 0.84 -42.22
ALCOA_PA_115KV_PL-6C 55860	69.47 3.33 0.00	54.91 1.99 0.00	53.34 1.90 0.00	49.21 1.56 0.00	57.11 2.14 0.00	60.32 1.92 0.00	83.13 1.37 0.00	70.20 0.86 0.00	67.26 1.59 0.00	54.18 1.49 0.00	56.60 2.01 0.00	58.70 2.34 0.00	56.38 0.48 0.00	55.37 0.81 0.00	59.15 0.78 0.00	63.61 0.02 0.00	65.38 -0.27 0.00	66.85 -0.65 0.00	73.22 -1.18 0.00	77.06 -0.70 0.00	78.61 -0.03 -0.01	75.62 -0.30 -0.08	67.26 -0.86 -0.10	28.97 -0.73 -0.64
ALCOA_RYNLDS___DRP 24188	69.47 3.33 0.00	54.91 1.99 0.00	53.34 1.90 0.00	49.21 1.56 0.00	57.11 2.14 0.00	60.32 1.92 0.00	83.13 1.37 0.00	70.20 0.86 0.00	67.26 1.59 0.00	54.18 1.49 0.00	56.60 2.01 0.00	58.70 2.34 0.00	56.38 0.48 0.00	55.37 0.81 0.00	59.15 0.78 0.00	63.61 0.02 0.00	65.38 -0.27 0.00	66.85 -0.65 0.00	73.22 -1.18 0.00	77.06 -0.70 0.00	78.61 -0.03 -0.01	75.62 -0.30 -0.08	67.26 -0.86 -0.10	28.97 -0.73 -0.64
ALCOA___DSASP 323711	69.47 3.33 0.00	54.91 1.99 0.00	53.34 1.90 0.00	49.21 1.56 0.00	57.11 2.14 0.00	60.32 1.92 0.00	83.13 1.37 0.00	70.20 0.86 0.00	67.26 1.59 0.00	54.18 1.49 0.00	56.60 2.01 0.00	58.70 2.34 0.00	56.38 0.48 0.00	55.37 0.81 0.00	59.15 0.78 0.00	63.61 0.02 0.00	65.38 -0.27 0.00	66.85 -0.65 0.00	73.22 -1.18 0.00	77.06 -0.70 0.00	78.61 -0.03 -0.01	75.62 -0.30 -0.08	67.26 -0.86 -0.10	28.97 -0.73 -0.64
ALLEGHENY___COGEN 23514	69.93 3.70 -0.09	55.68 2.26 -0.50	54.08 2.30 -0.34	50.17 2.09 -0.43	58.29 3.05 -0.26	61.28 2.77 -0.12	85.60 3.50 -0.34	70.74 2.63 1.23	69.29 2.18 -1.44	52.80 0.10 0.00	54.88 0.29 0.00	56.71 0.34 0.00	56.63 0.73 0.00	55.44 0.88 0.00	59.22 0.85 0.00	64.62 1.03 0.00	67.87 2.22 0.00	70.06 2.55 0.00	77.30 2.91 0.00	80.94 3.19 0.00	81.57 2.81 -0.13	78.79 2.17 -0.77	71.05 2.12 -0.90	35.90 0.78 -6.06
ALTAMONT_115KV_TB 2 55880	66.98 0.85 0.00	53.71 0.79 0.00	52.20 0.76 0.00	48.39 0.73 0.00	55.73 0.76 0.00	59.24 0.85 0.00	83.07 1.31 0.00	70.49 1.16 0.00	66.73 1.06 0.00	53.48 0.79 0.00	55.41 0.82 0.00	57.20 0.83 0.00	56.71 0.81 0.00	55.38 0.82 0.00	59.45 1.08 0.00	65.03 1.44 0.00	67.06 1.41 0.00	68.97 1.46 0.00	76.04 1.65 0.00	79.54 1.78 0.00	81.33 1.81 -0.89	83.05 1.87 -5.34	75.92 1.68 -6.21	71.55 0.73 -41.76
ALTONA_WT_PWR 323606	68.95 2.82 0.00	54.51 1.58 0.00	52.96 1.51 0.00	48.86 1.21 0.00	56.70 1.73 0.00	59.99 1.59 0.00	82.46 0.70 0.00	69.66 0.33 0.00	66.72 1.04 0.00	53.93 1.23 0.00	56.31 1.72 0.00	58.42 2.05 0.00	56.15 0.25 0.00	55.12 0.56 0.00	58.87 0.50 0.00	63.31 -0.28 0.00	64.82 -0.83 0.00	66.32 -1.19 0.00	72.65 -1.75 0.00	76.48 -1.28 0.00	78.28 -0.37 -0.01	75.73 -0.18 -0.07	67.25 -0.87 -0.08	28.78 -0.85 -0.56
AMERICAN_REF_FUEL 24010	65.16 -0.69 0.29	50.21 -1.08 1.63	49.48 -0.87 1.10	45.34 -0.89 1.42	53.74 -0.37 0.86	56.08 -1.93 0.39	76.32 -4.53 0.91	60.12 -4.55 4.67	58.69 -3.68 3.31	50.01 -2.69 0.00	52.11 -2.48 0.00	53.87 -2.50 0.00	54.18 -1.73 0.00	53.23 -1.33 0.00	56.73 -1.64 0.00	61.04 -2.56 0.00	62.61 -3.04 0.00	63.90 -3.61 0.00	70.41 -3.99 0.00	73.89 -3.87 0.00	74.92 -3.83 -0.11	72.50 -4.00 -0.65	65.72 -3.07 -0.76	32.82 -1.36 -5.12
ARKWRIGHT___SUMMIT_WT_PWR 323751	67.84 2.10 0.40	51.46 0.78 2.24	50.85 0.91 1.51	46.37 0.67 1.95	55.48 1.69 1.18	58.64 0.78 0.54	80.49 0.06 1.33	61.83 -0.76 6.75	59.94 -0.62 5.12	52.37 -0.32 0.00	54.64 0.05 0.00	56.57 0.21 0.00	56.88 0.98 0.00	55.35 0.79 0.00	58.74 0.37 0.00	63.44 -0.15 0.00	65.48 -0.17 0.00	66.86 -0.65 0.00	73.83 -0.56 0.00	76.27 -1.48 0.00	76.79 -1.96 -0.12	74.81 -1.77 -0.74	67.85 -1.04 -0.86	34.15 -0.70 -5.78
ARTHUR KILL_GT_1 23520	68.63 2.50 0.00	55.42 2.50 0.00	53.68 2.23 0.00	49.67 2.02 0.00	57.02 2.05 0.00	60.78 2.38 0.00	84.69 2.93 0.00	72.45 3.11 0.00	68.47 2.80 0.00	55.54 2.85 0.00	57.99 3.40 0.00	59.97 3.61 0.00	59.57 3.67 0.00	57.93 3.36 0.00	62.09 3.72 0.00	66.45 3.54 0.68	69.02 3.38 0.00	71.15 3.64 0.00	78.95 4.56 0.00	82.43 4.67 0.00	84.28 4.87 -0.78	85.37 4.85 -4.68	77.93 4.47 -5.44	67.59 1.94 -36.59
ARTHUR_KILL_2 23512	68.45 2.31 0.00	55.27 2.35 0.00	53.54 2.09 0.00	49.54 1.88 0.00	56.85 1.88 0.00	60.59 2.20 0.00	84.42 2.66 0.00	72.24 2.90 0.00	68.26 2.59 0.00	55.38 2.69 0.00	57.82 3.23 0.00	59.83 3.46 0.00	59.43 3.53 0.00	57.78 3.22 0.00	61.93 3.56 0.00	66.25 3.34 0.69	68.82 3.18 0.01	70.94 3.43 0.01	78.70 4.31 0.00	82.16 4.40 0.00	84.00 4.59 -0.78	85.11 4.59 -4.68	77.74 4.27 -5.44	67.51 1.85 -36.59
ARTHUR_KILL_3 23513	68.39 2.25 0.00	54.85 1.93 0.00	53.15 1.71 0.00	49.19 1.54 0.00	56.63 1.66 0.00	60.41 2.01 0.00	84.51 2.75 0.00	72.05 2.71 0.00	68.36 2.68 0.00	55.57 2.87 0.00	58.12 3.53 0.00	60.19 3.82 0.00	59.81 3.90 0.00	58.14 3.58 0.00	62.32 3.96 0.00	67.45 3.85 0.00	69.39 3.74 0.00	71.58 4.07 0.00	79.07 4.68 0.00	82.27 4.51 0.00	84.12 4.71 -0.78	84.86 4.34 -4.68	77.28 3.81 -5.44	67.28 1.63 -36.59

ARTHUR_KILL_COGEN 323718	68.64 2.51 0.00	55.42 2.50 0.00	53.68 2.23 0.00	49.67 2.02 0.00	57.01 2.04 0.00	60.77 2.37 0.00	84.68 2.92 0.00	72.45 3.11 0.00	68.47 2.80 0.00	55.54 2.85 0.00	57.99 3.40 0.00	59.98 3.61 0.00	59.57 3.67 0.00	57.93 3.37 0.00	62.09 3.72 0.00	66.44 3.53 0.69	69.04 3.40 0.01	71.15 3.65 0.01	78.95 4.56 0.00	82.43 4.67 0.00	84.28 4.87 -0.78	85.37 4.85 -4.68	77.94 4.48 -5.44	67.59 1.94 -36.59
ASHOKAN____ 23654	69.25 3.11 0.00	55.46 2.54 0.00	53.89 2.44 0.00	49.96 2.30 0.00	57.61 2.65 0.00	61.46 3.06 0.00	86.56 4.80 0.00	73.81 4.47 0.00	69.63 3.96 0.00	55.58 2.89 0.00	57.46 2.87 0.00	59.06 2.70 0.00	57.90 1.99 0.00	56.44 1.88 0.00	60.81 2.44 0.00	67.19 3.59 0.00	70.04 4.39 0.00	72.50 4.99 0.00	80.05 5.66 0.00	83.62 5.86 0.00	85.30 5.83 -0.84	85.90 5.04 -5.01	78.15 4.29 -5.83	69.84 1.56 -39.22
ASTORIA_EAST_ENERGY_CC1 323581	68.96 2.82 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.52 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.73 3.03 0.00	58.22 3.63 0.00	60.30 3.93 0.00	59.91 4.01 0.00	58.20 3.64 0.00	62.42 4.05 0.00	67.60 4.00 0.00	69.66 4.01 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.62 4.15 -5.44	67.44 1.79 -36.59
ASTORIA_EAST_ENERGY_CC2 323582	68.93 2.80 0.00	55.38 2.45 0.00	53.63 2.18 0.00	49.64 1.99 0.00	56.84 1.87 0.00	60.48 2.09 0.00	84.73 2.97 0.00	72.35 3.02 0.00	68.63 2.96 0.00	55.70 3.00 0.00	58.18 3.59 0.00	60.27 3.91 0.00	59.88 3.97 0.00	58.17 3.61 0.00	62.38 4.01 0.00	67.56 3.97 0.00	69.61 3.96 0.00	71.73 4.22 0.00	79.18 4.79 0.00	82.55 4.80 0.00	84.42 5.00 -0.78	85.15 4.63 -4.68	77.57 4.10 -5.44	67.44 1.78 -36.59
ASTORIA_GT2_1 24094	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT2_2 24095	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT2_3 24096	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT2_4 24097	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT3_1 24098	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT3_2 24099	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT3_3 24100	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT3_4 24101	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT4_1 24102	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT4_2 24103	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT4_3 24104	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59

ASTORIA_GT4_4 24105	68.97 2.83 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.53 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.72 3.03 0.00	58.22 3.63 0.00	60.29 3.93 0.00	59.90 4.00 0.00	58.21 3.65 0.00	62.42 4.05 0.00	67.60 4.01 0.00	69.64 4.00 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.61 4.14 -5.44	67.44 1.79 -36.59
ASTORIA_GT_1 23523	69.09 2.96 0.00	55.49 2.57 0.00	53.75 2.30 0.00	49.75 2.09 0.00	56.96 1.99 0.00	60.63 2.24 0.00	84.92 3.16 0.00	72.55 3.21 0.00	68.80 3.13 0.00	55.85 3.16 0.00	58.33 3.74 0.00	60.42 4.06 0.00	60.04 4.14 0.00	58.33 3.77 0.00	62.54 4.17 0.00	67.75 4.15 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.41 5.01 0.00	82.77 5.01 0.00	84.63 5.22 -0.78	85.36 4.84 -4.68	77.75 4.28 -5.44	67.50 1.85 -36.59
ASTORIA_GT_10 24110	68.72 2.59 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.33 2.99 0.00	68.61 2.94 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.39 4.02 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.20 0.00	67.68 4.09 0.00	69.58 3.93 0.00	71.74 4.23 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.46 4.00 -5.44	67.39 1.74 -36.59
ASTORIA_GT_11 24225	68.72 2.59 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.33 2.99 0.00	68.61 2.94 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.39 4.02 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.20 0.00	67.68 4.09 0.00	69.58 3.93 0.00	71.74 4.23 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.46 4.00 -5.44	67.39 1.74 -36.59
ASTORIA_GT_12 24226	68.72 2.59 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.33 2.99 0.00	68.61 2.94 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.39 4.02 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.20 0.00	67.68 4.09 0.00	69.58 3.93 0.00	71.74 4.23 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.46 4.00 -5.44	67.39 1.74 -36.59
ASTORIA_GT_13 24227	68.72 2.59 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.33 2.99 0.00	68.61 2.94 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.39 4.02 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.20 0.00	67.68 4.09 0.00	69.58 3.93 0.00	71.74 4.23 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.46 4.00 -5.44	67.39 1.74 -36.59
ASTORIA_GT_5 24106	69.09 2.96 0.00	55.49 2.57 0.00	53.75 2.30 0.00	49.75 2.09 0.00	56.96 1.99 0.00	60.63 2.24 0.00	84.92 3.16 0.00	72.55 3.21 0.00	68.80 3.13 0.00	55.85 3.16 0.00	58.33 3.74 0.00	60.42 4.06 0.00	60.04 4.14 0.00	58.33 3.77 0.00	62.54 4.17 0.00	67.75 4.15 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.41 5.01 0.00	82.77 5.01 0.00	84.63 5.22 -0.78	85.36 4.84 -4.68	77.75 4.28 -5.44	67.50 1.85 -36.59
ASTORIA_GT_7 24107	69.09 2.96 0.00	55.49 2.57 0.00	53.75 2.30 0.00	49.75 2.09 0.00	56.96 1.99 0.00	60.63 2.24 0.00	84.92 3.16 0.00	72.55 3.21 0.00	68.80 3.13 0.00	55.85 3.16 0.00	58.33 3.74 0.00	60.42 4.06 0.00	60.04 4.14 0.00	58.33 3.77 0.00	62.54 4.17 0.00	67.75 4.15 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.41 5.01 0.00	82.77 5.01 0.00	84.63 5.22 -0.78	85.36 4.84 -4.68	77.75 4.28 -5.44	67.50 1.85 -36.59
ASTORIA_GT_8 24108	69.09 2.96 0.00	55.49 2.57 0.00	53.75 2.30 0.00	49.75 2.09 0.00	56.96 1.99 0.00	60.63 2.24 0.00	84.92 3.16 0.00	72.55 3.21 0.00	68.80 3.13 0.00	55.85 3.16 0.00	58.33 3.74 0.00	60.42 4.06 0.00	60.04 4.14 0.00	58.33 3.77 0.00	62.54 4.17 0.00	67.75 4.15 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.41 5.01 0.00	82.77 5.01 0.00	84.63 5.22 -0.78	85.36 4.84 -4.68	77.75 4.28 -5.44	67.50 1.85 -36.59
ASTORIA___2 24149	68.96 2.82 0.00	55.40 2.47 0.00	53.66 2.21 0.00	49.67 2.02 0.00	56.88 1.91 0.00	60.52 2.13 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.66 2.99 0.00	55.73 3.03 0.00	58.22 3.63 0.00	60.30 3.93 0.00	59.91 4.01 0.00	58.20 3.64 0.00	62.42 4.05 0.00	67.60 4.00 0.00	69.66 4.01 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.59 4.83 0.00	84.47 5.06 -0.78	85.20 4.68 -4.68	77.62 4.15 -5.44	67.44 1.79 -36.59
ASTORIA___3 23516	68.73 2.60 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.34 3.00 0.00	68.61 2.93 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.19 0.00	67.68 4.08 0.00	69.59 3.94 0.00	71.75 4.24 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.48 4.01 -5.44	67.39 1.74 -36.59
ASTORIA___4 23517	68.72 2.59 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.33 2.99 0.00	68.61 2.94 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.39 4.02 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.20 0.00	67.68 4.09 0.00	69.58 3.93 0.00	71.74 4.23 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.46 4.00 -5.44	67.39 1.74 -36.59
ASTORIA___5 23518	68.73 2.60 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.23 0.00	84.72 2.96 0.00	72.33 2.99 0.00	68.61 2.93 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.39 4.03 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.19 0.00	67.68 4.08 0.00	69.59 3.94 0.00	71.75 4.24 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.36 4.95 -0.78	85.12 4.60 -4.68	77.48 4.01 -5.44	67.39 1.74 -36.59
AST_ENERGY_2_CC3 323677	68.19 2.05 0.00	54.79 1.87 0.00	53.06 1.62 0.00	49.12 1.47 0.00	56.24 1.26 0.00	59.85 1.45 0.00	83.83 2.07 0.00	71.62 2.28 0.00	67.92 2.24 0.00	55.12 2.43 0.00	57.57 2.98 0.00	59.64 3.28 0.00	59.25 3.35 0.00	57.56 3.00 0.00	61.73 3.36 0.00	66.86 3.26 0.00	68.88 3.23 0.00	71.01 3.50 0.00	78.38 3.98 0.00	81.67 3.91 0.00	83.53 4.11 -0.78	84.30 3.79 -4.68	76.81 3.34 -5.44	67.09 1.44 -36.59
AST_ENERGY_2_CC4 323678	68.19 2.05 0.00	54.79 1.87 0.00	53.06 1.62 0.00	49.12 1.47 0.00	56.24 1.26 0.00	59.85 1.45 0.00	83.83 2.07 0.00	71.62 2.28 0.00	67.92 2.24 0.00	55.12 2.43 0.00	57.57 2.98 0.00	59.64 3.28 0.00	59.25 3.35 0.00	57.56 3.00 0.00	61.73 3.36 0.00	66.86 3.26 0.00	68.88 3.23 0.00	71.01 3.50 0.00	78.38 3.98 0.00	81.67 3.91 0.00	83.53 4.11 -0.78	84.30 3.79 -4.68	76.81 3.34 -5.44	67.09 1.44 -36.59

ATHENS_STG_1 23668	67.43 1.29 0.00	54.05 1.12 0.00	52.52 1.07 0.00	48.64 0.99 0.00	55.99 1.02 0.00	59.56 1.16 0.00	83.43 1.67 0.00	70.85 1.51 0.00	67.15 1.47 0.00	54.06 1.36 0.00	56.15 1.56 0.00	58.05 1.68 0.00	57.65 1.75 0.00	56.17 1.61 0.00	60.28 1.91 0.00	65.72 2.12 0.00	67.67 2.02 0.00	69.63 2.12 0.00	76.87 2.47 0.00	80.25 2.49 0.00	82.04 2.58 -0.82	83.26 2.49 -4.93	76.00 2.24 -5.73	68.62 0.98 -38.57
ATHENS_STG_2 23670	67.43 1.29 0.00	54.05 1.12 0.00	52.52 1.07 0.00	48.64 0.99 0.00	55.99 1.02 0.00	59.56 1.16 0.00	83.43 1.67 0.00	70.85 1.51 0.00	67.15 1.47 0.00	54.06 1.36 0.00	56.15 1.56 0.00	58.05 1.68 0.00	57.65 1.75 0.00	56.17 1.61 0.00	60.28 1.91 0.00	65.72 2.12 0.00	67.67 2.02 0.00	69.63 2.12 0.00	76.87 2.47 0.00	80.25 2.49 0.00	82.04 2.58 -0.82	83.26 2.49 -4.93	76.00 2.24 -5.73	68.62 0.98 -38.57
ATHENS_STG_3 23677	67.43 1.29 0.00	54.05 1.12 0.00	52.52 1.07 0.00	48.64 0.99 0.00	55.99 1.02 0.00	59.56 1.16 0.00	83.43 1.67 0.00	70.85 1.51 0.00	67.15 1.47 0.00	54.06 1.36 0.00	56.15 1.56 0.00	58.05 1.68 0.00	57.65 1.75 0.00	56.17 1.61 0.00	60.28 1.91 0.00	65.72 2.12 0.00	67.67 2.02 0.00	69.63 2.12 0.00	76.87 2.47 0.00	80.25 2.49 0.00	82.04 2.58 -0.82	83.26 2.49 -4.93	76.00 2.24 -5.73	68.62 0.98 -38.57
AUBURN___LFGE 323710	66.50 0.36 0.00	53.11 0.18 0.00	51.67 0.22 0.00	47.87 0.22 0.00	55.36 0.38 0.00	58.77 0.37 0.00	82.37 0.61 0.00	70.11 0.42 -0.36	65.70 0.02 0.00	52.35 -0.34 0.00	54.04 -0.55 0.00	55.75 -0.62 0.00	55.61 -0.29 0.00	54.14 -0.42 0.00	57.97 -0.40 0.00	63.45 -0.15 0.00	66.04 0.39 0.00	67.99 0.48 0.00	74.94 0.54 0.00	78.06 0.30 0.00	79.20 0.47 -0.10	76.78 0.33 -0.61	68.80 0.06 -0.71	33.97 0.12 -4.79
BABYLON_RES_REC 323704	71.16 4.56 -0.46	57.39 3.78 -0.68	54.78 3.43 0.10	50.42 3.04 0.27	57.25 3.06 0.78	61.39 2.91 -0.08	86.66 3.06 -1.84	73.18 2.83 -1.01	70.02 2.99 -1.36	56.61 3.20 -0.72	59.54 4.45 -0.50	61.90 5.54 0.00	61.10 5.31 0.10	58.66 4.52 0.42	62.73 4.36 0.00	69.36 4.48 -1.29	71.31 4.31 -1.35	73.97 5.02 -1.44	82.01 5.90 -1.71	85.25 5.66 -1.83	87.40 5.96 -2.80	87.80 5.45 -6.52	78.13 4.36 -5.74	67.81 2.56 -36.19
BALL_HILL_WT_PWR 323825	66.95 1.21 0.40	50.76 0.10 2.27	50.17 0.25 1.53	45.79 0.11 1.97	54.75 0.98 1.20	57.79 -0.05 0.55	79.25 -1.19 1.32	60.92 -1.88 6.54	59.31 -1.41 4.95	51.82 -0.87 0.00	54.14 -0.45 0.00	56.09 -0.27 0.00	56.36 0.46 0.00	54.91 0.35 0.00	58.31 -0.05 0.00	62.93 -0.67 0.00	64.91 -0.74 0.00	66.18 -1.34 0.00	73.19 -1.20 0.00	76.09 -1.67 0.00	76.92 -1.83 -0.12	74.62 -1.95 -0.73	67.60 -1.28 -0.85	34.04 -0.75 -5.73
BARON_WINDS___WT_PWR 323822	66.41 -0.08 -0.35	53.98 -0.93 -1.99	52.01 -0.78 -1.34	48.61 -0.77 -1.73	55.94 -0.08 -1.05	58.07 -0.80 -0.47	81.13 -1.76 -1.13	67.70 -2.26 -0.62	67.94 -1.95 -4.22	50.96 -1.74 0.00	53.21 -1.38 0.00	55.10 -1.26 0.00	54.98 -0.92 0.00	53.60 -0.95 0.00	57.13 -1.24 0.00	62.22 -1.38 0.00	64.44 -1.21 0.00	65.49 -2.03 0.00	72.24 -2.15 0.00	75.20 -2.55 0.00	75.62 -3.18 -0.16	73.62 -3.18 -0.96	66.79 -2.35 -1.12	35.52 -1.04 -7.49
BARRETT_IC_1 23704	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_10 23701	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_11 23702	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_12 23703	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_2 23705	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_3 23706	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_4 23707	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_5 23708	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35

BARRETT_IC_6 23709	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_7 23710	77.56 3.81 -7.61	84.17 3.19 -28.06	56.77 2.94 -2.38	56.50 2.60 -6.25	75.57 2.60 -17.99	61.03 2.58 -0.05	84.27 2.51 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.09 3.93 -0.58	64.60 4.76 -3.48	63.05 4.71 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.40 3.81 0.00	69.22 3.57 0.00	71.75 4.24 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.34 -0.82	85.39 4.84 -4.72	89.45 3.42 -18.01	79.67 2.26 -48.35
BARRETT_IC_8 23711	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT_IC_9 23700	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT___1 23545	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BARRETT___2 23546	77.55 3.81 -7.61	84.17 3.18 -28.06	56.77 2.95 -2.38	56.50 2.60 -6.25	75.56 2.59 -17.99	61.03 2.59 -0.05	84.27 2.50 0.00	71.64 2.30 0.00	68.10 2.43 0.00	55.44 2.74 0.00	59.10 3.93 -0.58	64.68 4.84 -3.48	63.08 4.74 -2.44	68.46 4.12 -9.78	62.28 3.91 0.00	67.39 3.80 0.00	69.22 3.57 0.00	71.76 4.25 0.00	79.36 4.96 0.00	82.55 4.79 0.00	84.80 5.35 -0.82	85.39 4.83 -4.72	89.48 3.45 -18.01	79.66 2.25 -48.35
BATAVIA___115KV_TB1 55881	68.01 1.88 0.00	53.89 0.96 0.00	52.48 1.04 0.00	48.57 0.92 0.00	56.59 1.62 0.00	59.11 0.71 0.00	81.59 -0.17 0.00	67.44 -0.58 1.31	65.42 -0.25 0.00	52.14 -0.55 0.00	54.01 -0.58 0.00	55.71 -0.65 0.00	55.82 -0.08 0.00	54.76 0.20 0.00	58.49 0.13 0.00	63.63 0.03 0.00	65.96 0.31 0.00	67.66 0.15 0.00	74.60 0.20 0.00	78.15 0.39 0.00	79.04 0.31 -0.10	76.32 -0.12 -0.61	68.92 0.18 -0.70	33.75 -0.04 -4.73
BAYONEEC___CTG1 323682	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG10 323750	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG2 323683	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG3 323684	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG4 323685	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG5 323686	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG6 323687	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG7 323688	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59

BAYONEEC___CTG8 323689	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BAYONEEC___CTG9 323749	68.61 2.48 0.00	55.04 2.11 0.00	53.34 1.90 0.00	49.37 1.72 0.00	56.83 1.86 0.00	60.61 2.21 0.00	84.78 3.02 0.00	72.27 2.93 0.00	68.58 2.91 0.00	55.72 3.03 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.30 3.74 0.00	62.49 4.12 0.00	67.65 4.06 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.54 4.78 0.00	84.41 4.99 -0.78	85.14 4.63 -4.68	77.54 4.08 -5.44	67.39 1.74 -36.59
BEACON___LESR 323632	67.70 1.57 0.00	54.32 1.40 0.00	52.76 1.32 0.00	48.95 1.29 0.00	56.40 1.43 0.00	60.08 1.68 0.00	84.43 2.66 0.00	71.57 2.23 0.00	67.84 2.17 0.00	54.35 1.65 0.00	56.21 1.62 0.00	57.79 1.42 0.00	56.97 1.07 0.00	55.84 1.28 0.00	60.12 1.75 0.00	66.14 2.55 0.00	68.06 2.41 0.00	70.01 2.50 0.00	77.19 2.79 0.00	80.77 3.01 0.00	82.58 3.05 -0.90	84.27 3.06 -5.37	77.03 2.75 -6.25	72.24 1.14 -42.04
BEAVER RIVER___HYD 24048	67.86 1.72 0.00	54.09 1.17 0.00	52.68 1.24 0.00	48.63 0.98 0.00	56.22 1.25 0.00	59.69 1.30 0.00	83.45 1.69 0.00	70.94 1.61 0.00	67.24 1.57 0.00	53.57 0.87 0.00	54.69 0.10 0.00	56.09 -0.27 0.00	54.83 -1.08 0.00	53.56 -1.00 0.00	57.47 -0.90 0.00	63.21 -0.38 0.00	66.24 0.59 0.00	67.98 0.47 0.00	74.51 0.11 0.00	77.70 -0.06 0.00	78.73 0.06 -0.04	75.50 -0.55 -0.21	67.18 -1.09 -0.25	29.92 -0.80 -1.66
BEEBEE_GT_13 23619	66.80 0.66 0.00	53.03 0.10 0.00	51.61 0.16 0.00	47.77 0.12 0.00	55.46 0.49 0.00	58.36 -0.04 0.00	80.95 -0.81 0.00	67.47 -0.95 0.92	65.05 -0.63 0.00	52.06 -0.63 0.00	54.18 -0.40 0.00	55.97 -0.40 0.00	55.95 0.05 0.00	54.80 0.24 0.00	58.58 0.21 0.00	63.60 0.00 0.00	65.60 -0.05 0.00	67.25 -0.25 0.00	74.11 -0.28 0.00	77.56 -0.20 0.00	78.51 -0.21 -0.09	75.82 -0.54 -0.52	68.32 -0.32 -0.61	32.97 -0.20 -4.11
BENSHRST_27_KV_BENSHRST_1 355998	69.15 3.02 0.00	55.63 2.71 0.00	53.86 2.42 0.00	49.83 2.18 0.00	57.25 2.28 0.00	61.04 2.64 0.00	85.20 3.44 0.00	72.86 3.52 0.00	69.04 3.37 0.00	56.12 3.43 0.00	58.66 4.07 0.00	60.73 4.36 0.00	60.35 4.44 0.00	58.68 4.12 0.00	62.90 4.54 0.00	68.05 4.46 0.00	69.96 4.31 0.00	72.11 4.60 0.00	79.71 5.32 0.00	82.98 5.22 0.00	84.82 5.41 -0.78	85.63 5.12 -4.68	77.98 4.51 -5.44	67.59 1.94 -36.59
BETHLEHEM___GRP 23843	66.41 0.27 0.00	53.31 0.39 0.00	51.79 0.35 0.00	48.05 0.40 0.00	55.32 0.35 0.00	58.86 0.46 0.00	82.64 0.88 0.00	70.11 0.78 0.00	66.36 0.69 0.00	53.12 0.42 0.00	54.94 0.35 0.00	56.67 0.30 0.00	56.17 0.26 0.00	54.96 0.40 0.00	59.06 0.69 0.00	64.71 1.12 0.00	66.70 1.06 0.00	68.61 1.10 0.00	75.57 1.17 0.00	79.10 1.34 0.00	80.89 1.36 -0.90	82.68 1.47 -5.37	75.62 1.34 -6.25	71.67 0.58 -42.03
BETHLEHEM___GS1 323560	66.41 0.28 0.00	53.31 0.39 0.00	51.79 0.35 0.00	48.05 0.40 0.00	55.33 0.35 0.00	58.86 0.46 0.00	82.64 0.88 0.00	70.11 0.78 0.00	66.36 0.69 0.00	53.12 0.42 0.00	54.93 0.35 0.00	56.67 0.31 0.00	56.17 0.27 0.00	54.96 0.40 0.00	59.06 0.69 0.00	64.71 1.12 0.00	66.70 1.06 0.00	68.61 1.10 0.00	75.57 1.17 0.00	79.10 1.34 0.00	80.88 1.36 -0.90	82.69 1.47 -5.37	75.62 1.34 -6.25	71.67 0.58 -42.03
BETHLEHEM___GS2 323561	66.41 0.28 0.00	53.31 0.39 0.00	51.79 0.35 0.00	48.05 0.40 0.00	55.33 0.35 0.00	58.86 0.46 0.00	82.64 0.88 0.00	70.11 0.78 0.00	66.36 0.69 0.00	53.12 0.42 0.00	54.93 0.35 0.00	56.67 0.31 0.00	56.17 0.27 0.00	54.96 0.40 0.00	59.06 0.69 0.00	64.71 1.12 0.00	66.70 1.06 0.00	68.61 1.10 0.00	75.57 1.17 0.00	79.10 1.34 0.00	80.88 1.36 -0.90	82.69 1.47 -5.37	75.62 1.34 -6.25	71.67 0.58 -42.03
BETHLEHEM___GS3 323562	66.41 0.28 0.00	53.31 0.39 0.00	51.79 0.35 0.00	48.05 0.40 0.00	55.33 0.35 0.00	58.86 0.46 0.00	82.64 0.88 0.00	70.11 0.78 0.00	66.36 0.69 0.00	53.12 0.42 0.00	54.93 0.35 0.00	56.67 0.31 0.00	56.17 0.27 0.00	54.96 0.40 0.00	59.06 0.69 0.00	64.71 1.12 0.00	66.70 1.06 0.00	68.61 1.10 0.00	75.57 1.17 0.00	79.10 1.34 0.00	80.88 1.36 -0.90	82.69 1.47 -5.37	75.62 1.34 -6.25	71.67 0.58 -42.03
BETHLEHEM___STEEL 23779	67.08 0.95 0.00	53.02 0.10 0.00	51.69 0.24 0.00	47.81 0.16 0.00	55.72 0.74 0.00	58.10 -0.29 0.00	79.89 -1.87 0.00	65.31 -2.25 1.78	64.06 -1.61 0.00	51.50 -1.20 0.00	53.77 -0.82 0.00	55.66 -0.71 0.00	55.89 -0.01 0.00	54.85 0.29 0.00	58.42 0.05 0.00	63.00 -0.60 0.00	64.85 -0.81 0.00	66.16 -1.35 0.00	72.86 -1.54 0.00	76.24 -1.52 0.00	77.17 -1.58 -0.12	74.68 -1.87 -0.70	67.67 -1.18 -0.82	33.92 -0.64 -5.50
BETHLHEM_115KV_TB1 79974	66.57 0.43 0.00	53.42 0.49 0.00	51.90 0.46 0.00	48.14 0.49 0.00	55.43 0.46 0.00	58.95 0.56 0.00	82.77 1.01 0.00	70.23 0.90 0.00	66.46 0.78 0.00	53.22 0.53 0.00	55.06 0.47 0.00	56.81 0.45 0.00	56.31 0.40 0.00	55.07 0.51 0.00	59.17 0.80 0.00	64.83 1.23 0.00	66.82 1.17 0.00	68.72 1.21 0.00	75.70 1.30 0.00	79.23 1.47 0.00	81.03 1.50 -0.90	82.81 1.60 -5.37	75.72 1.45 -6.24	71.67 0.62 -41.99
BETHPAGE_CC_5 323564	71.20 4.33 -0.73	58.30 3.61 -1.77	54.68 3.24 0.00	50.53 2.88 0.00	57.87 2.90 0.00	61.13 2.73 0.00	84.60 2.84 0.00	72.02 2.69 0.00	68.50 2.83 0.00	55.75 3.06 0.00	58.88 4.22 -0.07	61.85 5.34 -0.14	61.08 5.18 0.00	59.05 4.50 0.00	62.71 4.34 0.00	67.83 4.23 0.00	69.72 4.07 0.00	72.29 4.78 0.00	79.97 5.58 0.00	83.14 5.38 0.00	85.13 5.72 -0.78	85.73 5.21 -4.68	77.62 4.16 -5.44	68.12 2.46 -36.59
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	67.27 1.13 0.00	53.15 0.23 0.00	51.82 0.38 0.00	47.94 0.29 0.00	55.87 0.90 0.00	58.29 -0.11 0.00	80.19 -1.57 0.00	65.55 -1.98 1.82	64.32 -1.35 0.00	51.70 -0.99 0.00	53.98 -0.61 0.00	55.87 -0.49 0.00	56.09 0.18 0.00	55.02 0.47 0.00	58.62 0.24 0.00	63.24 -0.36 0.00	65.10 -0.55 0.00	66.41 -1.10 0.00	73.15 -1.25 0.00	76.54 -1.22 0.00	77.46 -1.29 -0.12	74.92 -1.63 -0.71	67.88 -0.98 -0.83	34.06 -0.57 -5.56
BINGHAMTON___COGEN 23790	66.78 0.64 0.00	53.24 0.31 0.00	51.81 0.36 0.00	47.98 0.33 0.00	55.51 0.54 0.00	58.86 0.47 0.00	82.40 0.64 0.00	70.01 0.39 -0.29	66.03 0.36 0.00	52.95 0.26 0.00	54.89 0.30 0.00	56.68 0.31 0.00	56.34 0.44 0.00	54.89 0.33 0.00	58.64 0.28 0.00	63.86 0.26 0.00	66.25 0.61 0.00	68.03 0.52 0.00	75.17 0.77 0.00	78.44 0.68 0.00	79.54 0.64 -0.27	77.96 0.49 -1.63	70.44 0.51 -1.89	41.99 0.18 -12.74

BIXINCNT_115KV_LOAD 355685	68.09 1.96 0.00	53.69 0.77 0.00	52.37 0.92 0.00	48.43 0.78 0.00	56.46 1.49 0.00	59.05 0.66 0.00	81.58 -0.18 0.00	66.64 -0.74 1.96	65.46 -0.22 0.00	52.62 -0.07 0.00	55.02 0.44 0.00	56.95 0.59 0.00	57.03 1.13 0.00	55.83 1.27 0.00	59.38 1.01 0.00	64.11 0.51 0.00	66.04 0.39 0.00	67.25 -0.26 0.00	73.95 -0.45 0.00	77.16 -0.60 0.00	78.09 -0.67 -0.12	75.61 -0.98 -0.75	68.53 -0.36 -0.87	34.47 -0.43 -5.84
BLACK RIVER___HYD 24047	67.28 1.14 0.00	53.68 0.76 0.00	52.31 0.86 0.00	48.32 0.67 0.00	55.86 0.89 0.00	59.53 1.13 0.00	83.61 1.85 0.00	71.26 1.92 0.00	67.36 1.68 0.00	53.46 0.77 0.00	53.95 -0.63 0.00	55.05 -1.32 0.00	53.98 -1.92 0.00	52.70 -1.86 0.00	56.58 -1.79 0.00	62.79 -0.80 0.00	66.56 0.91 0.00	68.54 1.03 0.00	75.27 0.88 0.00	78.31 0.55 0.00	79.05 0.37 -0.05	75.57 -0.55 -0.28	67.21 -1.14 -0.32	30.41 -0.84 -2.18
BLACKRVR_115KV_TB2 79977	67.27 1.14 0.00	53.69 0.76 0.00	52.31 0.86 0.00	48.32 0.67 0.00	55.86 0.89 0.00	59.53 1.13 0.00	83.62 1.85 0.00	71.26 1.92 0.00	67.36 1.69 0.00	53.47 0.77 0.00	53.95 -0.64 0.00	55.04 -1.32 0.00	53.98 -1.92 0.00	52.70 -1.86 0.00	56.58 -1.79 0.00	62.79 -0.80 0.00	66.56 0.91 0.00	68.55 1.04 0.00	75.28 0.88 0.00	78.31 0.55 0.00	79.05 0.37 -0.05	75.55 -0.57 -0.28	67.21 -1.14 -0.32	30.41 -0.84 -2.18
BLDWN_LI_69_KV_BK4 356085	73.06 4.42 -2.51	65.18 3.65 -8.60	55.40 3.33 -0.63	52.26 2.96 -1.65	62.75 3.03 -4.74	61.36 2.95 -0.01	84.82 3.06 0.00	72.21 2.87 0.00	68.71 3.04 0.00	55.97 3.27 0.00	59.16 4.37 -0.20	62.68 5.30 -1.01	61.72 5.17 -0.64	61.74 4.60 -2.58	62.83 4.46 0.00	67.95 4.35 0.00	69.80 4.16 0.00	72.37 4.86 0.00	80.08 5.68 0.00	83.27 5.51 0.00	85.38 5.95 -0.79	85.93 5.40 -4.69	80.89 4.11 -8.75	71.27 2.52 -39.69
BLISS_WT_PWR 323608	67.75 2.02 0.40	51.42 0.78 2.28	50.86 0.95 1.54	46.46 0.79 1.98	55.29 1.52 1.20	58.56 0.70 0.54	80.36 -0.05 1.34	61.79 -0.64 6.90	60.33 -0.11 5.22	52.71 0.02 0.00	55.12 0.53 0.00	57.02 0.66 0.00	57.10 1.20 0.00	55.90 1.34 0.00	59.46 1.09 0.00	64.21 0.61 0.00	66.11 0.46 0.00	67.31 -0.20 0.00	73.98 -0.42 0.00	77.12 -0.63 0.00	78.04 -0.72 -0.12	75.46 -1.13 -0.75	68.47 -0.43 -0.87	34.43 -0.47 -5.84
BLUESTONE___WT_PWR 323821	69.87 3.60 -0.14	56.47 2.76 -0.79	54.79 2.81 -0.53	50.99 2.65 -0.68	58.63 3.25 -0.41	62.18 3.60 -0.19	87.61 5.42 -0.43	76.25 4.63 -2.29	71.22 3.96 -1.58	55.51 2.82 0.00	57.05 2.47 0.00	58.78 2.42 0.00	58.45 2.55 0.00	56.89 2.33 0.00	61.13 2.76 0.00	67.30 3.71 0.00	70.12 4.47 0.00	71.89 4.38 0.00	79.38 4.98 0.00	81.55 3.79 0.00	81.52 2.60 -0.30	80.09 2.48 -1.77	72.39 2.31 -2.06	43.93 0.99 -13.87
BLUE_CIRC_CHEM_DRP 24182	67.36 1.23 0.00	54.03 1.11 0.00	52.52 1.07 0.00	48.74 1.09 0.00	56.17 1.20 0.00	59.69 1.30 0.00	83.78 2.02 0.00	71.01 1.67 0.00	67.06 1.39 0.00	53.59 0.90 0.00	55.38 0.79 0.00	57.02 0.66 0.00	56.51 0.61 0.00	55.23 0.67 0.00	59.37 1.00 0.00	65.28 1.68 0.00	67.47 1.82 0.00	69.39 1.88 0.00	76.41 2.02 0.00	79.97 2.22 0.00	81.77 2.26 -0.88	83.38 2.27 -5.27	76.25 2.09 -6.13	71.22 0.90 -41.25
BOC_GAS_DRP 24189	66.88 0.74 0.00	53.64 0.72 0.00	52.13 0.68 0.00	48.32 0.67 0.00	55.65 0.68 0.00	59.16 0.76 0.00	82.95 1.19 0.00	70.37 1.03 0.00	66.63 0.95 0.00	53.45 0.75 0.00	55.36 0.77 0.00	57.17 0.80 0.00	56.71 0.81 0.00	55.38 0.82 0.00	59.44 1.07 0.00	64.98 1.38 0.00	66.96 1.31 0.00	68.86 1.35 0.00	75.90 1.51 0.00	79.39 1.63 0.00	81.20 1.68 -0.89	82.89 1.71 -5.34	75.81 1.57 -6.21	71.52 0.70 -41.76
BOONVILLE_115KV_TB1 79983	68.09 1.95 0.00	54.40 1.48 0.00	52.95 1.51 0.00	48.98 1.32 0.00	56.63 1.66 0.00	60.24 1.84 0.00	84.50 2.74 0.00	71.73 2.39 0.00	67.88 2.21 0.00	54.18 1.48 0.00	55.62 1.03 0.00	57.20 0.83 0.00	56.34 0.43 0.00	54.97 0.42 0.00	59.00 0.63 0.00	64.80 1.20 0.00	67.51 1.86 0.00	69.36 1.85 0.00	76.15 1.76 0.00	79.53 1.77 0.00	80.40 1.74 -0.03	77.28 1.25 -0.18	69.06 0.82 -0.21	30.66 0.16 -1.43
BORALEX_4TH_BRANCH 23824	67.92 1.79 0.00	54.59 1.66 0.00	52.97 1.52 0.00	49.24 1.59 0.00	56.86 1.89 0.00	60.59 2.19 0.00	85.40 3.64 0.00	72.19 2.85 0.00	68.24 2.57 0.00	54.09 1.40 0.00	55.37 0.78 0.00	57.20 0.84 0.00	56.57 0.67 0.00	55.76 1.20 0.00	60.01 1.64 0.00	66.13 2.54 0.00	68.25 2.60 0.00	70.18 2.67 0.00	77.09 2.69 0.00	81.10 3.34 0.00	83.03 3.49 -0.90	85.22 3.97 -5.42	78.05 3.72 -6.30	73.01 1.56 -42.38
BOWLINE___1 23526	68.28 2.15 0.00	54.70 1.77 0.00	52.99 1.54 0.00	49.04 1.39 0.00	56.50 1.53 0.00	60.26 1.87 0.00	84.42 2.66 0.00	71.84 2.50 0.00	68.08 2.41 0.00	55.13 2.44 0.00	57.55 2.96 0.00	59.58 3.22 0.00	59.19 3.29 0.00	57.53 2.98 0.00	61.73 3.36 0.00	67.00 3.41 0.00	69.01 3.36 0.00	71.17 3.66 0.00	78.73 4.33 0.00	81.98 4.22 0.00	83.73 4.33 -0.77	84.42 3.97 -4.60	76.85 3.47 -5.35	66.57 1.50 -36.01
BOWLINE___2 23595	68.25 2.12 0.00	54.68 1.76 0.00	52.98 1.53 0.00	49.02 1.37 0.00	56.48 1.51 0.00	60.25 1.85 0.00	84.40 2.65 0.00	71.80 2.46 0.00	68.06 2.39 0.00	55.12 2.43 0.00	57.54 2.95 0.00	59.56 3.20 0.00	59.16 3.26 0.00	57.52 2.96 0.00	61.72 3.35 0.00	66.97 3.38 0.00	68.98 3.33 0.00	71.14 3.64 0.00	78.70 4.30 0.00	81.96 4.20 0.00	83.71 4.31 -0.77	84.39 3.95 -4.60	76.83 3.45 -5.35	66.56 1.49 -36.01
BRADY___115KV_TB2 356060	70.18 4.05 0.00	55.43 2.51 0.00	53.85 2.41 0.00	49.68 2.02 0.00	57.65 2.68 0.00	60.82 2.42 0.00	83.87 2.10 0.00	70.86 1.53 0.00	67.89 2.22 0.00	54.50 1.81 0.00	56.80 2.22 0.00	58.80 2.44 0.00	56.35 0.45 0.00	55.25 0.69 0.00	59.03 0.66 0.00	63.54 -0.05 0.00	65.86 0.21 0.00	67.42 -0.09 0.00	73.87 -0.52 0.00	77.67 -0.09 0.00	79.20 0.55 -0.02	76.21 0.27 -0.09	67.76 -0.37 -0.11	29.25 -0.54 -0.72
BRANSCOMB___SOLAR 323811	68.92 2.78 0.00	55.30 2.37 0.00	53.76 2.31 0.00	49.90 2.24 0.00	57.62 2.65 0.00	61.44 3.04 0.00	86.53 4.76 0.00	73.11 3.77 0.00	69.16 3.48 0.00	55.06 2.36 0.00	56.58 1.99 0.00	58.37 2.00 0.00	57.69 1.79 0.00	56.55 1.99 0.00	60.89 2.52 0.00	67.19 3.60 0.00	69.63 3.98 0.00	71.66 4.15 0.00	78.85 4.45 0.00	82.68 4.92 0.00	84.44 4.88 -0.92	86.23 4.88 -5.51	78.91 4.47 -6.41	74.03 1.81 -43.14
BRDGHMPT_69_KV_BK1 55812	72.89 6.74 -0.01	57.16 5.44 1.21	56.10 4.93 0.28	51.35 4.44 0.74	57.69 4.84 2.12	63.76 4.89 -0.47	97.67 5.73 -10.18	79.81 4.87 -5.60	77.82 4.64 -7.51	61.32 4.65 -3.98	63.09 6.01 -2.50	63.09 6.97 0.25	62.37 6.75 0.29	59.04 5.64 1.16	64.05 5.68 0.00	76.84 6.09 -7.15	79.41 6.27 -7.49	82.12 6.62 -7.98	92.38 8.50 -9.48	96.31 8.46 -10.10	99.32 8.72 -11.97	98.62 7.92 -14.86	83.39 6.73 -8.63	68.49 3.65 -35.78



BRENTWOD_69_KV_W. BRTWOOD 56703	71.10 4.84 -0.12	56.18 3.99 0.73	54.96 3.75 0.24	50.36 3.33 0.62	56.47 3.29 1.78	61.83 3.02 -0.41	93.74 3.12 -8.86	76.85 2.63 -4.88	75.42 3.21 -6.54	59.51 3.35 -3.46	61.52 4.75 -2.18	61.91 5.73 0.18	61.29 5.62 0.24	58.40 4.81 0.97	63.06 4.69 0.00	74.79 4.97 -6.22	76.59 4.42 -6.52	79.55 5.09 -6.95	88.67 6.02 -8.26	92.35 5.80 -8.79	94.94 5.79 -10.52	94.82 5.44 -13.54	81.05 4.77 -8.26	67.69 2.70 -35.92
BRISTLHL_115KV_TB1 79998	64.30 -1.83 0.00	51.41 -1.52 0.00	49.99 -1.45 0.00	46.31 -1.34 0.00	53.47 -1.51 0.00	56.79 -1.61 0.00	79.58 -2.18 0.00	67.51 -1.82 0.00	63.92 -1.75 0.00	51.14 -1.56 0.00	52.86 -1.73 0.00	54.52 -1.85 0.00	54.15 -1.76 0.00	52.84 -1.72 0.00	56.58 -1.79 0.00	61.74 -1.85 0.00	63.90 -1.76 0.00	65.89 -1.62 0.00	72.79 -1.61 0.00	75.90 -1.85 0.00	76.74 -1.96 -0.07	74.27 -1.98 -0.41	66.71 -1.79 -0.47	31.52 -0.75 -3.20
BROOKHAVEN___DRP 24191	71.06 4.92 0.00	55.80 4.09 1.22	54.85 3.68 0.28	50.20 3.29 0.74	56.20 3.36 2.13	62.07 3.20 -0.47	95.34 3.24 -10.34	77.75 2.72 -5.69	76.07 2.77 -7.63	59.87 3.14 -4.04	61.57 4.45 -2.53	61.61 5.50 0.25	60.98 5.37 0.29	57.84 4.44 1.16	62.64 4.27 0.00	75.24 4.39 -7.26	77.52 4.27 -7.61	80.55 4.93 -8.11	90.04 6.02 -9.63	93.84 5.83 -10.25	96.86 6.09 -12.14	96.37 5.51 -15.02	81.28 4.56 -8.70	67.60 2.75 -35.78
BROOKLYN_NAVY_YARD 23515	68.48 2.34 0.00	54.92 2.00 0.00	53.22 1.78 0.00	49.26 1.61 0.00	56.71 1.75 0.00	60.53 2.13 0.00	84.71 2.95 0.00	72.21 2.87 0.00	68.50 2.82 0.00	55.66 2.96 0.00	58.22 3.63 0.00	60.25 3.88 0.00	59.87 3.96 0.00	58.21 3.65 0.00	62.38 4.02 0.00	67.57 3.97 0.00	69.50 3.85 0.00	71.69 4.18 0.00	79.23 4.83 0.00	82.42 4.66 0.00	84.26 4.85 -0.78	85.00 4.48 -4.68	77.53 4.06 -5.44	67.31 1.66 -36.59
BROOKLYN___ARMY_DRP 323595	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
BROOME_2_LFGE 323671	66.96 0.64 -0.18	54.27 0.32 -1.03	52.51 0.37 -0.70	48.88 0.32 -0.90	56.06 0.54 -0.55	59.11 0.47 -0.25	82.96 0.64 -0.57	71.96 0.39 -2.23	68.09 0.36 -2.05	52.95 0.26 0.00	54.89 0.30 0.00	56.68 0.32 0.00	56.34 0.44 0.00	54.89 0.33 0.00	58.64 0.28 0.00	63.87 0.27 0.00	66.26 0.61 0.00	68.03 0.52 0.00	75.17 0.77 0.00	78.44 0.68 0.00	79.55 0.64 -0.27	77.94 0.48 -1.63	70.43 0.51 -1.89	41.99 0.18 -12.74
BROOME___LFGE 323600	66.96 0.64 -0.18	54.27 0.32 -1.03	52.51 0.37 -0.70	48.88 0.32 -0.90	56.06 0.54 -0.55	59.11 0.47 -0.25	82.96 0.64 -0.57	71.96 0.39 -2.23	68.09 0.36 -2.05	52.95 0.26 0.00	54.89 0.30 0.00	56.68 0.32 0.00	56.34 0.44 0.00	54.89 0.33 0.00	58.64 0.28 0.00	63.87 0.27 0.00	66.26 0.61 0.00	68.03 0.52 0.00	75.17 0.77 0.00	78.44 0.68 0.00	79.55 0.64 -0.27	77.94 0.48 -1.63	70.43 0.51 -1.89	41.99 0.18 -12.74
BROWNFLS_115KV_TB 3_5 80003	68.14 2.01 0.00	54.10 1.18 0.00	52.62 1.17 0.00	48.55 0.90 0.00	56.17 1.20 0.00	59.24 0.84 0.00	82.24 0.48 0.00	69.76 0.42 0.00	66.50 0.82 0.00	53.19 0.49 0.00	54.90 0.31 0.00	56.54 0.17 0.00	54.78 -1.12 0.00	53.63 -0.93 0.00	57.42 -0.95 0.00	62.50 -1.10 0.00	64.93 -0.72 0.00	66.47 -1.05 0.00	72.82 -1.58 0.00	76.22 -1.54 0.00	77.49 -1.17 -0.03	74.65 -1.36 -0.16	66.49 -1.73 -0.19	29.31 -1.04 -1.29
BROWNSV1_27_KV_LOAD 356125	69.24 3.11 0.00	55.50 2.58 0.00	53.78 2.33 0.00	49.76 2.11 0.00	57.30 2.32 0.00	61.12 2.72 0.00	85.58 3.82 0.00	72.98 3.64 0.00	69.26 3.59 0.00	56.26 3.56 0.00	58.82 4.23 0.00	60.89 4.53 0.00	60.51 4.61 0.00	58.84 4.29 0.00	63.09 4.72 0.00	68.32 4.73 0.00	70.29 4.64 0.00	72.50 4.99 0.00	80.10 5.71 0.00	83.40 5.64 0.00	85.26 5.84 -0.78	85.95 5.43 -4.68	78.24 4.77 -5.44	67.67 2.02 -36.59
BURROWS___LYONSDAL 23803	68.00 1.86 0.00	54.32 1.40 0.00	52.87 1.42 0.00	48.88 1.23 0.00	56.52 1.55 0.00	60.13 1.73 0.00	84.30 2.54 0.00	71.58 2.25 0.00	67.75 2.08 0.00	54.04 1.35 0.00	55.42 0.83 0.00	56.92 0.56 0.00	55.98 0.08 0.00	54.64 0.09 0.00	58.64 0.27 0.00	64.44 0.84 0.00	67.23 1.58 0.00	69.04 1.53 0.00	75.74 1.34 0.00	79.05 1.30 0.00	79.94 1.28 -0.03	76.76 0.73 -0.19	68.53 0.28 -0.22	30.43 -0.11 -1.48
CAITHNESS_CC_1 323624	70.80 4.66 0.00	55.62 3.92 1.23	54.67 3.51 0.28	50.03 3.12 0.74	55.97 3.15 2.14	61.81 2.94 -0.48	95.10 2.86 -10.48	77.52 2.42 -5.76	75.90 2.50 -7.73	59.72 2.94 -4.09	61.40 4.25 -2.57	61.52 5.41 0.25	60.86 5.25 0.29	57.73 4.34 1.17	62.45 4.08 0.00	75.10 4.14 -7.35	77.32 3.96 -7.71	80.36 4.63 -8.22	89.80 5.64 -9.76	93.59 5.44 -10.39	96.62 5.70 -12.29	96.15 5.15 -15.16	81.05 4.27 -8.76	67.47 2.62 -35.79
CALPINE BETH_PAGE_GT4 24209	71.24 4.15 -0.96	59.02 3.45 -2.64	54.64 3.12 -0.08	50.63 2.76 -0.22	58.37 2.77 -0.63	60.93 2.53 0.00	84.31 2.55 0.00	71.80 2.46 0.00	68.28 2.61 0.00	55.58 2.89 0.00	58.70 4.03 -0.09	61.73 5.11 -0.25	61.00 5.01 -0.09	59.27 4.38 -0.34	62.60 4.23 0.00	67.59 3.99 0.00	69.46 3.81 0.00	72.04 4.53 0.00	79.69 5.29 0.00	82.84 5.09 0.00	84.86 5.45 -0.78	85.49 4.97 -4.68	77.89 3.99 -5.88	68.47 2.40 -37.00
CALPINE_BETH_PAGE_GT_4 323586	71.25 4.16 -0.96	59.03 3.47 -2.64	54.65 3.12 -0.08	50.63 2.76 -0.22	58.38 2.78 -0.63	60.93 2.53 0.00	84.31 2.55 0.00	71.80 2.46 0.00	68.28 2.61 0.00	55.58 2.88 0.00	58.71 4.03 -0.09	61.81 5.19 -0.25	61.04 5.05 -0.09	59.29 4.39 -0.34	62.60 4.23 0.00	67.58 3.98 0.00	69.46 3.82 0.00	72.04 4.53 0.00	79.68 5.29 0.00	82.84 5.09 0.00	84.86 5.45 -0.78	85.47 4.96 -4.68	77.92 4.02 -5.88	68.46 2.39 -37.00
CALPINE_BP_GT1 23823	71.25 4.16 -0.96	59.03 3.47 -2.64	54.65 3.12 -0.08	50.63 2.76 -0.22	58.38 2.78 -0.63	60.93 2.53 0.00	84.31 2.55 0.00	71.80 2.46 0.00	68.28 2.61 0.00	55.58 2.88 0.00	58.71 4.03 -0.09	61.81 5.19 -0.25	61.04 5.05 -0.09	59.29 4.39 -0.34	62.60 4.23 0.00	67.58 3.98 0.00	69.46 3.82 0.00	72.04 4.53 0.00	79.68 5.29 0.00	82.84 5.09 0.00	84.86 5.45 -0.78	85.47 4.96 -4.68	77.92 4.02 -5.88	68.46 2.39 -37.00
CALSPAN___DRP 24200	67.08 0.95 0.00	53.02 0.10 0.00	51.69 0.24 0.00	47.81 0.16 0.00	55.72 0.74 0.00	58.10 -0.29 0.00	79.89 -1.87 0.00	65.31 -2.25 1.78	64.06 -1.61 0.00	51.50 -1.20 0.00	53.77 -0.82 0.00	55.66 -0.71 0.00	55.89 -0.01 0.00	54.85 0.29 0.00	58.42 0.05 0.00	63.00 -0.60 0.00	64.85 -0.81 0.00	66.16 -1.35 0.00	72.86 -1.54 0.00	76.24 -1.52 0.00	77.17 -1.58 -0.12	74.68 -1.87 -0.70	67.67 -1.18 -0.82	33.92 -0.64 -5.50

CALVERTON___SOLAR 323806	71.38 5.23 -0.01	56.05 4.34 1.21	55.07 3.90 0.28	50.40 3.49 0.74	56.44 3.60 2.13	62.33 3.46 -0.47	95.68 3.63 -10.28	78.04 3.05 -5.66	76.29 3.03 -7.59	60.07 3.36 -4.02	61.77 4.66 -2.52	61.89 5.78 0.25	61.21 5.60 0.29	58.02 4.61 1.16	62.82 4.46 0.00	75.46 4.64 -7.22	77.81 4.60 -7.57	80.84 5.26 -8.06	90.40 6.43 -9.58	94.23 6.27 -10.20	97.23 6.52 -12.08	96.70 5.90 -14.96	81.64 4.94 -8.67	67.74 2.89 -35.78
CANDIGU_WT_PWR 323617	66.41 -0.08 -0.35	53.98 -0.93 -1.99	52.01 -0.78 -1.34	48.61 -0.77 -1.73	55.94 -0.08 -1.05	58.07 -0.80 -0.47	81.13 -1.76 -1.13	67.70 -2.26 -0.62	67.94 -1.95 -4.22	50.96 -1.74 0.00	53.21 -1.38 0.00	55.10 -1.26 0.00	54.98 -0.92 0.00	53.60 -0.95 0.00	57.13 -1.24 0.00	62.22 -1.38 0.00	64.44 -1.21 0.00	65.49 -2.03 0.00	72.24 -2.15 0.00	75.20 -2.55 0.00	75.62 -3.18 -0.16	73.62 -3.18 -0.96	66.79 -2.35 -1.12	35.52 -1.04 -7.49
CARR STREET_E__SYR 24060	65.08 -1.05 0.00	52.02 -0.91 0.00	50.57 -0.88 0.00	46.84 -0.81 0.00	54.11 -0.86 0.00	57.46 -0.94 0.00	80.50 -1.26 0.00	68.24 -1.09 0.00	64.60 -1.08 0.00	51.74 -0.95 0.00	53.50 -1.09 0.00	55.21 -1.16 0.00	54.86 -1.05 0.00	53.57 -0.99 0.00	57.37 -1.00 0.00	62.63 -0.96 0.00	64.79 -0.86 0.00	66.64 -0.87 0.00	73.49 -0.91 0.00	76.76 -1.00 0.00	77.63 -1.09 -0.08	75.17 -1.15 -0.48	67.56 -1.03 -0.56	32.42 -0.43 -3.79
CARTHAGE___PAPER 23857	68.11 1.97 0.00	54.32 1.40 0.00	52.91 1.46 0.00	48.86 1.21 0.00	56.49 1.52 0.00	60.08 1.69 0.00	84.19 2.43 0.00	71.66 2.32 0.00	67.85 2.17 0.00	53.92 1.23 0.00	54.71 0.13 0.00	55.95 -0.42 0.00	54.74 -1.16 0.00	53.46 -1.10 0.00	57.41 -0.95 0.00	63.47 -0.13 0.00	66.92 1.26 0.00	68.76 1.25 0.00	75.46 1.06 0.00	78.59 0.83 0.00	79.50 0.83 -0.04	76.11 0.02 -0.25	67.70 -0.62 -0.29	30.42 -0.62 -1.98
CASSADAGA_WT_PWR 323784	68.38 2.64 0.40	51.87 1.21 2.26	51.22 1.30 1.52	46.71 1.02 1.96	55.91 2.13 1.19	59.17 1.32 0.54	81.25 0.84 1.35	62.50 0.01 6.85	60.39 -0.07 5.21	52.77 0.07 0.00	55.04 0.45 0.00	56.98 0.62 0.00	57.24 1.33 0.00	55.72 1.16 0.00	59.11 0.74 0.00	63.85 0.26 0.00	65.81 0.16 0.00	67.19 -0.32 0.00	74.02 -0.37 0.00	76.56 -1.20 0.00	77.11 -1.65 -0.12	75.32 -1.27 -0.74	68.32 -0.57 -0.87	34.36 -0.52 -5.81
CE_DUNWOOD___DRP 24194	68.50 2.37 0.00	54.90 1.97 0.00	53.21 1.77 0.00	49.24 1.59 0.00	56.72 1.75 0.00	60.47 2.07 0.00	84.67 2.91 0.00	72.07 2.73 0.00	68.36 2.68 0.00	55.38 2.68 0.00	57.84 3.25 0.00	59.89 3.52 0.00	59.49 3.59 0.00	57.86 3.30 0.00	62.05 3.68 0.00	67.35 3.75 0.00	69.32 3.67 0.00	71.48 3.97 0.00	79.02 4.62 0.00	82.31 4.55 0.00	84.12 4.70 -0.78	84.83 4.32 -4.67	77.24 3.78 -5.43	67.25 1.64 -36.54
CE_MILLWOOD___DRP 24193	68.42 2.28 0.00	54.83 1.91 0.00	53.14 1.70 0.00	49.19 1.53 0.00	56.66 1.69 0.00	60.40 2.00 0.00	84.58 2.81 0.00	71.98 2.64 0.00	68.25 2.58 0.00	55.29 2.59 0.00	57.72 3.13 0.00	59.75 3.38 0.00	59.34 3.44 0.00	57.72 3.17 0.00	61.91 3.55 0.00	67.21 3.62 0.00	69.20 3.55 0.00	71.34 3.83 0.00	78.88 4.49 0.00	82.16 4.41 0.00	83.96 4.55 -0.78	84.70 4.20 -4.66	77.11 3.66 -5.42	67.12 1.58 -36.47
CE_NYC2_DRP 24202	68.71 2.57 0.00	55.23 2.30 0.00	53.53 2.08 0.00	49.54 1.89 0.00	56.93 1.96 0.00	60.64 2.25 0.00	84.73 2.96 0.00	72.34 3.00 0.00	68.61 2.94 0.00	55.76 3.07 0.00	58.33 3.74 0.00	60.39 4.02 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.20 0.00	67.69 4.10 0.00	69.60 3.95 0.00	71.75 4.24 0.00	79.25 4.86 0.00	82.52 4.76 0.00	84.37 4.96 -0.78	85.12 4.61 -4.68	77.47 4.01 -5.44	67.40 1.74 -36.59
CE_NYC_DRP 24195	68.68 2.54 0.00	55.08 2.15 0.00	53.37 1.93 0.00	49.40 1.74 0.00	56.89 1.92 0.00	60.68 2.28 0.00	84.92 3.16 0.00	72.37 3.04 0.00	68.71 3.04 0.00	55.80 3.11 0.00	58.38 3.79 0.00	60.43 4.06 0.00	60.06 4.16 0.00	58.40 3.84 0.00	62.59 4.22 0.00	67.80 4.21 0.00	69.74 4.09 0.00	71.91 4.40 0.00	79.46 5.07 0.00	82.70 4.94 0.00	84.58 5.16 -0.78	85.29 4.77 -4.68	77.63 4.16 -5.44	67.43 1.78 -36.58
CHAFFEE___LFGE 323603	66.94 1.17 0.36	51.13 0.25 2.05	50.45 0.38 1.38	46.17 0.29 1.78	54.83 0.94 1.08	57.85 -0.06 0.49	79.10 -1.47 1.18	61.32 -1.87 6.14	59.89 -1.26 4.52	51.76 -0.94 0.00	54.01 -0.58 0.00	55.85 -0.51 0.00	56.05 0.14 0.00	54.95 0.39 0.00	58.54 0.17 0.00	63.22 -0.38 0.00	65.11 -0.54 0.00	66.47 -1.04 0.00	73.32 -1.08 0.00	76.70 -1.06 0.00	77.60 -1.15 -0.12	74.98 -1.58 -0.72	67.98 -0.89 -0.84	34.20 -0.53 -5.67
CHATEAUG_35_KV_LOAD 355732	69.32 3.18 0.00	54.76 1.84 0.00	53.21 1.76 0.00	49.07 1.42 0.00	56.97 2.00 0.00	60.29 1.89 0.00	83.04 1.28 0.00	70.16 0.82 0.00	67.13 1.46 0.00	54.01 1.32 0.00	56.40 1.81 0.00	58.50 2.13 0.00	56.18 0.28 0.00	55.14 0.58 0.00	58.88 0.51 0.00	63.37 -0.22 0.00	65.11 -0.53 0.00	66.64 -0.87 0.00	72.96 -1.43 0.00	76.83 -0.93 0.00	78.51 -0.14 -0.01	75.68 -0.24 -0.08	67.23 -0.89 -0.09	28.77 -0.90 -0.61
CHATEAUG_WT_PWR 323614	68.78 2.65 0.00	54.38 1.46 0.00	52.85 1.40 0.00	48.76 1.11 0.00	56.57 1.60 0.00	59.84 1.44 0.00	82.38 0.62 0.00	69.59 0.25 0.00	66.64 0.97 0.00	53.79 1.09 0.00	56.18 1.59 0.00	58.26 1.90 0.00	56.02 0.12 0.00	55.02 0.46 0.00	58.76 0.39 0.00	63.20 -0.39 0.00	64.79 -0.86 0.00	66.29 -1.22 0.00	72.64 -1.76 0.00	76.46 -1.30 0.00	78.14 -0.50 -0.01	75.46 -0.44 -0.07	67.01 -1.10 -0.08	28.68 -0.94 -0.56
CHAT_HIGH_FALL_HYD 323578	69.32 3.18 0.00	54.76 1.84 0.00	53.21 1.76 0.00	49.07 1.42 0.00	56.97 2.00 0.00	60.29 1.89 0.00	83.04 1.28 0.00	70.16 0.82 0.00	67.13 1.46 0.00	54.01 1.32 0.00	56.40 1.81 0.00	58.50 2.13 0.00	56.18 0.28 0.00	55.14 0.58 0.00	58.88 0.51 0.00	63.37 -0.22 0.00	65.11 -0.53 0.00	66.64 -0.87 0.00	72.96 -1.43 0.00	76.83 -0.93 0.00	78.51 -0.14 -0.01	75.68 -0.24 -0.08	67.23 -0.89 -0.09	28.77 -0.90 -0.61
CHAUTAUQUA___LFGE 323629	67.46 1.72 0.39	51.18 0.47 2.21	50.57 0.61 1.49	46.17 0.43 1.92	55.20 1.40 1.16	58.28 0.42 0.54	80.02 -0.45 1.29	61.59 -1.24 6.51	59.83 -0.94 4.90	52.16 -0.53 0.00	54.46 -0.12 0.00	56.41 0.05 0.00	56.73 0.83 0.00	55.16 0.60 0.00	58.53 0.16 0.00	63.21 -0.38 0.00	65.28 -0.37 0.00	66.60 -0.91 0.00	73.70 -0.70 0.00	76.44 -1.32 0.00	77.15 -1.61 -0.12	74.96 -1.61 -0.73	67.92 -0.96 -0.85	34.15 -0.65 -5.73
CHERRYST_13_KV_LD 356241	68.86 2.73 0.00	55.20 2.27 0.00	53.51 2.06 0.00	49.53 1.88 0.00	57.03 2.06 0.00	60.85 2.46 0.00	85.17 3.40 0.00	72.60 3.26 0.00	68.92 3.24 0.00	55.99 3.30 0.00	58.55 3.96 0.00	60.63 4.26 0.00	60.26 4.35 0.00	58.60 4.04 0.00	62.80 4.43 0.00	68.05 4.45 0.00	69.98 4.33 0.00	72.16 4.65 0.00	79.71 5.32 0.00	82.96 5.20 0.00	84.79 5.38 -0.78	85.50 4.98 -4.68	77.82 4.36 -5.44	67.51 1.86 -36.58

CHESTROR_138KV_BK263 355645	68.23 2.10 0.00	54.66 1.73 0.00	52.99 1.55 0.00	49.05 1.39 0.00	56.51 1.54 0.00	60.24 1.85 0.00	84.40 2.64 0.00	71.77 2.44 0.00	68.02 2.35 0.00	54.97 2.27 0.00	57.23 2.65 0.00	59.15 2.78 0.00	58.73 2.83 0.00	57.15 2.59 0.00	61.40 3.03 0.00	66.86 3.27 0.00	68.95 3.30 0.00	71.08 3.57 0.00	78.62 4.22 0.00	81.91 4.15 0.00	83.62 4.24 -0.75	84.26 3.92 -4.50	76.67 3.41 -5.23	65.74 1.47 -35.21
CH_MIDHUDSON___DRP 24192	68.48 2.35 0.00	54.88 1.96 0.00	53.23 1.78 0.00	49.27 1.62 0.00	56.76 1.79 0.00	60.48 2.08 0.00	84.76 3.00 0.00	72.12 2.78 0.00	68.35 2.68 0.00	55.21 2.52 0.00	57.51 2.92 0.00	59.47 3.11 0.00	59.05 3.15 0.00	57.51 2.95 0.00	61.76 3.39 0.00	67.18 3.58 0.00	69.23 3.58 0.00	71.31 3.80 0.00	78.81 4.41 0.00	82.17 4.41 0.00	83.96 4.54 -0.79	84.80 4.23 -4.73	77.20 3.67 -5.50	67.65 1.57 -37.01
CH_MISC_IPPS 23765	68.96 2.83 0.00	55.24 2.32 0.00	53.57 2.12 0.00	49.58 1.93 0.00	57.14 2.17 0.00	60.91 2.51 0.00	85.39 3.63 0.00	72.67 3.33 0.00	68.85 3.18 0.00	55.59 2.90 0.00	57.88 3.30 0.00	59.86 3.49 0.00	59.40 3.50 0.00	57.83 3.27 0.00	62.15 3.78 0.00	67.64 4.04 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.53 5.13 0.00	82.89 5.13 0.00	84.67 5.26 -0.78	85.40 4.88 -4.68	77.68 4.21 -5.44	67.47 1.79 -36.62
CH_RES_BVR_FALLS 23983	67.30 1.16 0.00	53.55 0.63 0.00	52.06 0.61 0.00	48.13 0.48 0.00	55.68 0.71 0.00	59.02 0.62 0.00	82.01 0.25 0.00	69.39 0.05 0.00	66.08 0.41 0.00	53.15 0.45 0.00	55.29 0.70 0.00	57.22 0.86 0.00	55.85 -0.05 0.00	54.69 0.13 0.00	58.50 0.14 0.00	63.39 -0.21 0.00	65.52 -0.13 0.00	67.31 -0.19 0.00	74.08 -0.31 0.00	77.54 -0.22 0.00	78.54 -0.09 0.00	75.73 -0.11 0.00	67.80 -0.23 0.00	28.88 -0.18 0.00
CH_RES_NIAGARA 23895	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
CH_RES_SYRACUSE 23985	65.59 -0.55 0.00	52.43 -0.50 0.00	50.97 -0.47 0.00	47.22 -0.43 0.00	54.54 -0.43 0.00	57.95 -0.45 0.00	81.21 -0.55 0.00	68.84 -0.49 0.00	65.08 -0.59 0.00	52.06 -0.64 0.00	53.81 -0.78 0.00	55.53 -0.84 0.00	55.19 -0.71 0.00	53.86 -0.70 0.00	57.69 -0.68 0.00	63.01 -0.58 0.00	65.26 -0.39 0.00	67.18 -0.33 0.00	74.09 -0.30 0.00	77.33 -0.43 0.00	78.26 -0.46 -0.09	75.80 -0.56 -0.52	68.11 -0.52 -0.60	32.91 -0.20 -4.05
CLINTON_WT_PWR 323605	68.78 2.65 0.00	54.38 1.46 0.00	52.85 1.40 0.00	48.76 1.11 0.00	56.57 1.60 0.00	59.84 1.44 0.00	82.38 0.62 0.00	69.59 0.25 0.00	66.64 0.97 0.00	53.79 1.09 0.00	56.18 1.59 0.00	58.26 1.90 0.00	56.02 0.12 0.00	55.02 0.46 0.00	58.76 0.39 0.00	63.20 -0.39 0.00	64.79 -0.86 0.00	66.29 -1.22 0.00	72.64 -1.76 0.00	76.46 -1.30 0.00	78.14 -0.50 -0.01	75.46 -0.44 -0.07	67.01 -1.10 -0.08	28.68 -0.94 -0.56
CLINTON___LFGE 323618	69.64 3.51 0.00	55.03 2.11 0.00	53.46 2.02 0.00	49.33 1.67 0.00	57.25 2.28 0.00	60.60 2.20 0.00	83.36 1.60 0.00	70.47 1.13 0.00	67.43 1.76 0.00	54.35 1.66 0.00	56.72 2.14 0.00	58.84 2.47 0.00	56.50 0.60 0.00	55.40 0.85 0.00	59.19 0.82 0.00	63.72 0.12 0.00	65.27 -0.38 0.00	66.88 -0.63 0.00	73.32 -1.08 0.00	77.21 -0.54 0.00	79.03 0.39 -0.01	76.53 0.61 -0.07	67.93 -0.19 -0.09	29.06 -0.58 -0.58
COBBLENY_34_KV_TB1 80064	67.32 1.18 0.00	53.19 0.27 0.00	51.85 0.40 0.00	47.96 0.31 0.00	55.91 0.94 0.00	58.34 -0.06 0.00	80.28 -1.48 0.00	65.61 -1.87 1.87	64.42 -1.25 0.00	51.76 -0.93 0.00	54.00 -0.59 0.00	55.88 -0.49 0.00	56.06 0.16 0.00	54.95 0.40 0.00	58.53 0.16 0.00	63.20 -0.40 0.00	65.13 -0.52 0.00	66.49 -1.02 0.00	73.32 -1.07 0.00	76.71 -1.05 0.00	77.61 -1.15 -0.12	75.08 -1.48 -0.72	68.01 -0.86 -0.84	34.20 -0.53 -5.67
COFFEEN___115KV_TB3 355620	67.32 1.18 0.00	53.72 0.79 0.00	52.33 0.88 0.00	48.35 0.70 0.00	55.90 0.94 0.00	59.56 1.17 0.00	83.73 1.97 0.00	71.39 2.06 0.00	67.47 1.80 0.00	53.55 0.85 0.00	54.01 -0.58 0.00	55.04 -1.32 0.00	53.97 -1.94 0.00	52.68 -1.88 0.00	56.56 -1.81 0.00	62.85 -0.75 0.00	66.71 1.06 0.00	68.75 1.25 0.00	75.54 1.15 0.00	78.59 0.83 0.00	79.31 0.63 -0.05	75.80 -0.32 -0.28	67.42 -0.94 -0.33	30.53 -0.75 -2.22
COLDSPRG_115KV_BK1 355956	69.12 2.98 0.00	54.46 1.54 0.00	53.01 1.57 0.00	49.00 1.35 0.00	57.38 2.41 0.00	60.02 1.62 0.00	83.04 1.28 0.00	67.86 0.52 2.00	66.00 0.33 0.00	53.04 0.34 0.00	55.47 0.88 0.00	57.44 1.08 0.00	57.60 1.69 0.00	56.19 1.63 0.00	59.62 1.25 0.00	64.38 0.79 0.00	66.47 0.82 0.00	67.62 0.11 0.00	74.68 0.28 0.00	77.64 -0.12 0.00	78.53 -0.23 -0.13	76.77 0.17 -0.76	69.53 0.62 -0.88	34.99 -0.02 -5.95
COLONIE_LFGE___ 323577	67.55 1.41 0.00	54.22 1.29 0.00	52.67 1.22 0.00	48.89 1.23 0.00	56.38 1.41 0.00	60.04 1.64 0.00	84.46 2.70 0.00	71.49 2.15 0.00	67.63 1.96 0.00	53.92 1.22 0.00	55.52 0.93 0.00	57.35 0.99 0.00	56.79 0.88 0.00	55.70 1.14 0.00	59.89 1.52 0.00	65.83 2.23 0.00	67.95 2.30 0.00	69.92 2.41 0.00	76.88 2.48 0.00	80.64 2.88 0.00	82.47 2.93 -0.91	84.44 3.14 -5.46	77.24 2.87 -6.35	72.97 1.20 -42.70
COOPERNY_115KV_TB1 80082	67.81 1.67 0.00	54.31 1.38 0.00	52.71 1.26 0.00	48.78 1.13 0.00	56.23 1.26 0.00	59.87 1.47 0.00	83.85 2.09 0.00	71.25 1.91 0.00	67.52 1.85 0.00	54.45 1.75 0.00	56.60 2.01 0.00	58.46 2.10 0.00	58.05 2.15 0.00	56.48 1.92 0.00	60.80 2.43 0.00	66.40 2.81 0.00	68.49 2.84 0.00	70.55 3.05 0.00	78.04 3.64 0.00	81.33 3.57 0.00	82.95 3.64 -0.68	83.29 3.39 -4.06	75.73 2.98 -4.72	62.13 1.29 -31.78
COPENHAGEN_WT_PWR 323753	66.87 0.73 0.00	53.41 0.48 0.00	52.05 0.60 0.00	48.09 0.44 0.00	55.59 0.62 0.00	59.24 0.84 0.00	83.20 1.44 0.00	70.86 1.52 0.00	67.01 1.33 0.00	53.23 0.53 0.00	53.83 -0.76 0.00	54.97 -1.39 0.00	53.97 -1.94 0.00	52.70 -1.86 0.00	56.56 -1.81 0.00	62.65 -0.95 0.00	66.24 0.59 0.00	68.13 0.62 0.00	74.73 0.34 0.00	77.74 -0.02 0.00	78.38 -0.30 -0.05	74.84 -1.30 -0.29	66.60 -1.76 -0.34	30.25 -1.10 -2.28
CORNELL_____ 23752	67.70 1.56 0.00	54.07 1.15 0.00	52.58 1.14 0.00	48.74 1.09 0.00	56.33 1.36 0.00	59.84 1.44 0.00	83.92 2.16 0.00	74.82 1.79 -3.69	67.05 1.38 0.00	53.46 0.77 0.00	54.97 0.38 0.00	56.58 0.21 0.00	56.27 0.36 0.00	54.89 0.33 0.00	58.85 0.49 0.00	64.65 1.05 0.00	67.28 1.63 0.00	69.25 1.75 0.00	76.41 2.01 0.00	79.73 1.97 0.00	80.63 1.81 -0.19	78.46 1.49 -1.13	70.66 1.31 -1.32	38.47 0.54 -8.86

CORONA__69_KV_TB1 355595	75.10 4.29 -4.68	73.45 3.55 -16.98	56.07 3.23 -1.40	54.20 2.88 -3.67	68.52 2.98 -10.57	61.44 3.01 -0.03	85.11 3.35 0.00	72.42 3.09 0.00	68.82 3.15 0.00	55.97 3.28 0.00	59.31 4.36 -0.36	63.62 5.17 -2.08	62.44 5.10 -1.43	64.86 4.55 -5.75	62.81 4.44 0.00	68.02 4.42 0.00	69.94 4.29 0.00	72.47 4.96 0.00	80.16 5.77 0.00	83.40 5.64 0.00	85.59 6.15 -0.81	86.11 5.57 -4.70	84.93 4.08 -12.83	75.02 2.46 -43.50
CORTLAND__115KV_TB3 80093	67.00 0.86 0.00	53.53 0.61 0.00	52.07 0.62 0.00	48.23 0.58 0.00	55.73 0.76 0.00	59.22 0.82 0.00	83.03 1.27 0.00	71.47 1.05 -1.08	66.52 0.84 0.00	53.19 0.50 0.00	54.87 0.28 0.00	56.55 0.19 0.00	56.16 0.25 0.00	54.78 0.22 0.00	58.68 0.31 0.00	64.21 0.61 0.00	66.65 1.00 0.00	68.58 1.07 0.00	75.65 1.26 0.00	78.98 1.23 0.00	79.90 1.12 -0.16	77.69 0.90 -0.95	69.91 0.78 -1.10	36.77 0.30 -7.40
COXSACKIE__GT 23611	70.97 4.83 0.00	56.84 3.92 0.00	55.24 3.79 0.00	51.29 3.64 0.00	59.17 4.20 0.00	63.15 4.75 0.00	89.23 7.47 0.00	76.03 6.69 0.00	71.36 5.69 0.00	56.40 3.70 0.00	57.93 3.34 0.00	58.53 2.16 0.00	57.45 1.54 0.00	56.11 1.55 0.00	60.67 2.30 0.00	68.00 4.40 0.00	71.72 6.08 0.00	74.38 6.87 0.00	81.96 7.56 0.00	85.60 7.84 0.00	87.18 7.69 -0.86	88.01 7.03 -5.14	80.08 6.07 -5.98	71.70 2.42 -40.22
CPV_VALLEY__CC1 323721	68.01 1.88 0.00	54.47 1.54 0.00	52.82 1.37 0.00	48.90 1.24 0.00	56.34 1.37 0.00	60.03 1.63 0.00	84.09 2.33 0.00	71.49 2.16 0.00	67.76 2.09 0.00	54.73 2.04 0.00	57.00 2.41 0.00	58.91 2.54 0.00	58.48 2.58 0.00	56.89 2.33 0.00	61.15 2.78 0.00	66.62 3.02 0.00	68.71 3.06 0.00	70.81 3.31 0.00	78.29 3.90 0.00	81.59 3.84 0.00	83.28 3.92 -0.72	83.80 3.62 -4.34	76.25 3.18 -5.05	64.41 1.36 -33.98
CPV_VALLEY__CC2 323722	68.01 1.88 0.00	54.47 1.54 0.00	52.82 1.37 0.00	48.90 1.24 0.00	56.34 1.37 0.00	60.03 1.63 0.00	84.09 2.33 0.00	71.49 2.16 0.00	67.76 2.09 0.00	54.73 2.04 0.00	57.00 2.41 0.00	58.91 2.54 0.00	58.48 2.58 0.00	56.89 2.33 0.00	61.15 2.78 0.00	66.62 3.02 0.00	68.71 3.06 0.00	70.81 3.31 0.00	78.29 3.90 0.00	81.59 3.84 0.00	83.28 3.92 -0.72	83.80 3.62 -4.34	76.25 3.18 -5.05	64.41 1.36 -33.98
CRESCENT__HYD 24018	67.55 1.41 0.00	54.22 1.29 0.00	52.67 1.22 0.00	48.89 1.23 0.00	56.38 1.41 0.00	60.04 1.64 0.00	84.46 2.70 0.00	71.49 2.15 0.00	67.63 1.96 0.00	53.92 1.22 0.00	55.52 0.93 0.00	57.35 0.99 0.00	56.79 0.88 0.00	55.70 1.14 0.00	59.89 1.52 0.00	65.83 2.23 0.00	67.95 2.30 0.00	69.92 2.41 0.00	76.88 2.48 0.00	80.64 2.88 0.00	82.47 2.93 -0.91	84.44 3.14 -5.46	77.24 2.87 -6.35	72.97 1.20 -42.70
CRICKET__VALLEY_CC1 323756	67.49 1.35 0.00	54.10 1.18 0.00	52.47 1.02 0.00	48.57 0.92 0.00	55.94 0.97 0.00	59.60 1.20 0.00	83.43 1.67 0.00	70.99 1.66 0.00	67.34 1.67 0.00	54.44 1.75 0.00	56.75 2.16 0.00	58.73 2.36 0.00	58.34 2.43 0.00	56.88 2.32 0.00	61.02 2.66 0.00	66.31 2.72 0.00	68.30 2.65 0.00	70.23 2.72 0.00	77.59 3.19 0.00	80.88 3.12 0.00	82.73 3.30 -0.80	83.67 3.05 -4.78	76.24 2.65 -5.56	67.63 1.15 -37.42
CRICKET__VALLEY_CC2 323757	67.49 1.35 0.00	54.10 1.18 0.00	52.47 1.02 0.00	48.57 0.92 0.00	55.94 0.97 0.00	59.60 1.20 0.00	83.43 1.67 0.00	70.99 1.66 0.00	67.34 1.67 0.00	54.44 1.75 0.00	56.75 2.16 0.00	58.73 2.36 0.00	58.34 2.43 0.00	56.88 2.32 0.00	61.02 2.66 0.00	66.31 2.72 0.00	68.30 2.65 0.00	70.23 2.72 0.00	77.59 3.19 0.00	80.88 3.12 0.00	82.73 3.30 -0.80	83.67 3.05 -4.78	76.24 2.65 -5.56	67.63 1.15 -37.42
CRICKET__VALLEY_CC3 323758	67.49 1.35 0.00	54.10 1.18 0.00	52.47 1.02 0.00	48.57 0.92 0.00	55.94 0.97 0.00	59.60 1.20 0.00	83.43 1.67 0.00	70.99 1.66 0.00	67.34 1.67 0.00	54.44 1.75 0.00	56.75 2.16 0.00	58.73 2.36 0.00	58.34 2.43 0.00	56.88 2.32 0.00	61.02 2.66 0.00	66.31 2.72 0.00	68.30 2.65 0.00	70.23 2.72 0.00	77.59 3.19 0.00	80.88 3.12 0.00	82.73 3.30 -0.80	83.67 3.05 -4.78	76.24 2.65 -5.56	67.63 1.15 -37.42
CRUCIBLE__METL_DRP 24180	65.59 -0.55 0.00	52.43 -0.50 0.00	50.98 -0.47 0.00	47.22 -0.43 0.00	54.55 -0.43 0.00	57.95 -0.45 0.00	81.20 -0.56 0.00	68.84 -0.50 0.00	65.08 -0.59 0.00	52.06 -0.64 0.00	53.81 -0.78 0.00	55.53 -0.83 0.00	55.20 -0.71 0.00	53.86 -0.70 0.00	57.69 -0.68 0.00	63.01 -0.59 0.00	65.27 -0.38 0.00	67.18 -0.33 0.00	74.09 -0.30 0.00	77.33 -0.43 0.00	78.26 -0.46 -0.09	75.81 -0.54 -0.52	68.11 -0.51 -0.60	32.91 -0.20 -4.05
DAHOWA__HYDRO 323763	69.32 3.19 0.00	55.63 2.70 0.00	54.07 2.63 0.00	50.21 2.56 0.00	58.01 3.04 0.00	61.88 3.48 0.00	87.21 5.45 0.00	73.65 4.31 0.00	69.68 4.00 0.00	55.42 2.72 0.00	56.94 2.35 0.00	58.74 2.38 0.00	58.03 2.12 0.00	56.89 2.33 0.00	61.25 2.88 0.00	67.65 4.05 0.00	70.19 4.54 0.00	72.25 4.74 0.00	79.50 5.10 0.00	83.36 5.61 0.00	85.10 5.54 -0.92	86.85 5.49 -5.52	79.48 5.03 -6.43	74.32 2.03 -43.23
DANC__LFGE 323619	65.86 -0.28 0.00	52.60 -0.32 0.00	51.22 -0.23 0.00	47.37 -0.29 0.00	54.73 -0.24 0.00	58.25 -0.14 0.00	81.75 -0.01 0.00	69.54 0.20 0.00	65.74 0.07 0.00	52.37 -0.32 0.00	53.37 -1.22 0.00	54.69 -1.68 0.00	53.92 -1.98 0.00	52.65 -1.91 0.00	56.47 -1.90 0.00	62.19 -1.40 0.00	65.27 -0.38 0.00	67.24 -0.27 0.00	73.91 -0.49 0.00	76.99 -0.77 0.00	77.71 -0.97 -0.06	74.57 -1.60 -0.34	66.62 -1.80 -0.39	30.72 -0.98 -2.63
DANSKAMMER__1 23586	68.96 2.83 0.00	55.24 2.32 0.00	53.57 2.12 0.00	49.58 1.93 0.00	57.14 2.17 0.00	60.91 2.51 0.00	85.39 3.63 0.00	72.67 3.33 0.00	68.85 3.18 0.00	55.59 2.90 0.00	57.88 3.30 0.00	59.86 3.49 0.00	59.40 3.50 0.00	57.83 3.27 0.00	62.15 3.78 0.00	67.64 4.04 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.53 5.13 0.00	82.89 5.13 0.00	84.67 5.26 -0.78	85.40 4.88 -4.68	77.68 4.21 -5.44	67.47 1.79 -36.62
DANSKAMMER__2 23589	68.96 2.83 0.00	55.24 2.32 0.00	53.57 2.12 0.00	49.58 1.93 0.00	57.14 2.17 0.00	60.91 2.51 0.00	85.39 3.63 0.00	72.67 3.33 0.00	68.85 3.18 0.00	55.59 2.90 0.00	57.88 3.30 0.00	59.86 3.49 0.00	59.40 3.50 0.00	57.83 3.27 0.00	62.15 3.78 0.00	67.64 4.04 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.53 5.13 0.00	82.89 5.13 0.00	84.67 5.26 -0.78	85.40 4.88 -4.68	77.68 4.21 -5.44	67.47 1.79 -36.62
DANSKAMMER__3 23590	68.96 2.83 0.00	55.24 2.32 0.00	53.57 2.12 0.00	49.58 1.93 0.00	57.14 2.17 0.00	60.91 2.51 0.00	85.39 3.63 0.00	72.67 3.33 0.00	68.85 3.18 0.00	55.59 2.90 0.00	57.88 3.30 0.00	59.86 3.49 0.00	59.40 3.50 0.00	57.83 3.27 0.00	62.15 3.78 0.00	67.64 4.04 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.53 5.13 0.00	82.89 5.13 0.00	84.67 5.26 -0.78	85.40 4.88 -4.68	77.68 4.21 -5.44	67.47 1.79 -36.62

DANSKAMMER___4 23591	68.96 2.83 0.00	55.24 2.32 0.00	53.57 2.12 0.00	49.58 1.93 0.00	57.14 2.17 0.00	60.91 2.51 0.00	85.39 3.63 0.00	72.67 3.33 0.00	68.85 3.18 0.00	55.59 2.90 0.00	57.88 3.30 0.00	59.86 3.49 0.00	59.40 3.50 0.00	57.83 3.27 0.00	62.15 3.78 0.00	67.64 4.04 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.53 5.13 0.00	82.89 5.13 0.00	84.67 5.26 -0.78	85.40 4.88 -4.68	77.68 4.21 -5.44	67.47 1.79 -36.62
DANSKAMMER___DIESEL 23592	68.96 2.83 0.00	55.24 2.31 0.00	53.57 2.12 0.00	49.58 1.93 0.00	57.14 2.17 0.00	60.91 2.52 0.00	85.39 3.63 0.00	72.66 3.32 0.00	68.85 3.18 0.00	55.59 2.90 0.00	57.88 3.29 0.00	59.85 3.48 0.00	59.39 3.49 0.00	57.83 3.27 0.00	62.15 3.78 0.00	67.64 4.05 0.00	69.78 4.13 0.00	71.91 4.41 0.00	79.53 5.13 0.00	82.88 5.13 0.00	84.67 5.26 -0.78	85.40 4.88 -4.68	77.68 4.21 -5.44	67.47 1.79 -36.62
DARBY___SOLAR 323810	69.00 2.87 0.00	55.37 2.44 0.00	53.82 2.37 0.00	49.97 2.32 0.00	57.69 2.72 0.00	61.53 3.14 0.00	86.67 4.91 0.00	73.20 3.86 0.00	69.24 3.57 0.00	55.14 2.45 0.00	56.68 2.09 0.00	58.47 2.10 0.00	57.74 1.84 0.00	56.63 2.07 0.00	60.98 2.61 0.00	67.31 3.71 0.00	69.74 4.09 0.00	71.77 4.26 0.00	78.96 4.57 0.00	82.77 5.01 0.00	84.54 4.99 -0.92	86.34 4.99 -5.52	79.00 4.56 -6.41	74.07 1.85 -43.15
DASHVILLE___HYD 23610	68.24 2.10 0.00	54.68 1.76 0.00	53.06 1.61 0.00	49.11 1.46 0.00	56.58 1.61 0.00	60.29 1.89 0.00	84.50 2.73 0.00	71.91 2.57 0.00	68.14 2.46 0.00	54.97 2.27 0.00	57.20 2.62 0.00	59.12 2.75 0.00	58.61 2.71 0.00	57.01 2.45 0.00	61.24 2.88 0.00	66.72 3.13 0.00	68.86 3.21 0.00	70.99 3.48 0.00	78.45 4.06 0.00	81.81 4.05 0.00	83.59 4.16 -0.79	84.42 3.81 -4.76	76.86 3.30 -5.54	67.67 1.34 -37.26
DELAWARE___LFGE 323621	67.95 1.82 0.00	54.40 1.47 0.00	52.92 1.47 0.00	49.01 1.36 0.00	56.45 1.48 0.00	60.01 1.62 0.00	84.07 2.31 0.00	71.55 1.90 -0.31	67.46 1.78 0.00	54.22 1.53 0.00	56.26 1.67 0.00	58.09 1.72 0.00	57.71 1.81 0.00	56.15 1.59 0.00	60.24 1.87 0.00	65.82 2.22 0.00	67.78 2.13 0.00	69.75 2.24 0.00	77.08 2.68 0.00	80.38 2.62 0.00	81.58 2.57 -0.37	80.47 2.42 -2.21	72.77 2.17 -2.57	47.31 0.93 -17.31
DERFIELD_115KV_TB7 355931	66.41 0.27 0.00	53.19 0.27 0.00	51.70 0.26 0.00	47.89 0.24 0.00	55.24 0.27 0.00	58.69 0.29 0.00	82.17 0.41 0.00	69.69 0.35 0.00	65.99 0.32 0.00	52.91 0.21 0.00	54.79 0.21 0.00	56.53 0.17 0.00	56.07 0.17 0.00	54.72 0.16 0.00	58.60 0.24 0.00	63.97 0.38 0.00	66.04 0.40 0.00	67.91 0.40 0.00	74.77 0.38 0.00	78.15 0.39 0.00	79.04 0.39 -0.01	76.29 0.38 -0.07	68.44 0.34 -0.08	29.73 0.13 -0.54
DOGLEVILLE___HYD 23807	71.07 4.93 0.00	56.81 3.89 0.00	55.22 3.77 0.00	51.19 3.54 0.00	59.19 4.22 0.00	63.10 4.70 0.00	88.52 6.76 0.00	75.12 5.78 0.00	70.03 4.36 0.00	55.52 2.82 0.00	56.84 2.25 0.00	58.00 1.63 0.00	57.49 1.59 0.00	56.00 1.45 0.00	60.68 2.31 0.00	67.59 4.00 0.00	71.02 5.37 0.00	73.32 5.81 0.00	80.73 6.33 0.00	83.98 6.22 0.00	84.50 5.86 -0.01	82.20 6.29 -0.07	73.89 5.78 -0.08	31.97 2.37 -0.54
DUNKIRK___115KV_TB_200 55889	67.74 1.60 0.00	53.30 0.38 0.00	51.98 0.53 0.00	48.01 0.36 0.00	56.27 1.30 0.00	58.72 0.32 0.00	81.14 -0.62 0.00	66.07 -1.40 1.87	64.63 -1.05 0.00	52.08 -0.62 0.00	54.39 -0.19 0.00	56.37 0.01 0.00	56.67 0.76 0.00	55.09 0.53 0.00	58.46 0.10 0.00	63.13 -0.46 0.00	65.21 -0.44 0.00	66.53 -0.98 0.00	73.62 -0.78 0.00	76.40 -1.36 0.00	77.14 -1.62 -0.12	75.02 -1.55 -0.73	67.91 -0.97 -0.85	34.14 -0.65 -5.72
DUNKIRK___1 23563	67.74 1.60 0.00	53.30 0.38 0.00	51.98 0.53 0.00	48.01 0.36 0.00	56.27 1.30 0.00	58.72 0.32 0.00	81.14 -0.62 0.00	66.07 -1.40 1.87	64.63 -1.05 0.00	52.08 -0.62 0.00	54.39 -0.19 0.00	56.37 0.01 0.00	56.67 0.76 0.00	55.09 0.53 0.00	58.46 0.10 0.00	63.13 -0.46 0.00	65.21 -0.44 0.00	66.53 -0.98 0.00	73.62 -0.78 0.00	76.40 -1.36 0.00	77.14 -1.62 -0.12	75.02 -1.55 -0.73	67.91 -0.97 -0.85	34.14 -0.65 -5.72
DUNKIRK___2 23564	67.74 1.60 0.00	53.30 0.38 0.00	51.98 0.53 0.00	48.01 0.36 0.00	56.27 1.30 0.00	58.72 0.32 0.00	81.14 -0.62 0.00	66.07 -1.40 1.87	64.63 -1.05 0.00	52.08 -0.62 0.00	54.39 -0.19 0.00	56.37 0.01 0.00	56.67 0.76 0.00	55.09 0.53 0.00	58.46 0.10 0.00	63.13 -0.46 0.00	65.21 -0.44 0.00	66.53 -0.98 0.00	73.62 -0.78 0.00	76.40 -1.36 0.00	77.14 -1.62 -0.12	75.02 -1.55 -0.73	67.91 -0.97 -0.85	34.14 -0.65 -5.72
DUNKIRK___3 23565	67.36 1.22 0.00	53.04 0.12 0.00	51.72 0.27 0.00	47.78 0.13 0.00	55.94 0.97 0.00	58.35 -0.05 0.00	80.56 -1.20 0.00	65.61 -1.87 1.86	64.27 -1.41 0.00	51.82 -0.87 0.00	54.14 -0.44 0.00	56.11 -0.25 0.00	56.37 0.47 0.00	54.91 0.35 0.00	58.31 -0.05 0.00	62.92 -0.67 0.00	64.92 -0.73 0.00	66.19 -1.32 0.00	73.20 -1.19 0.00	76.14 -1.62 0.00	76.96 -1.79 -0.12	74.75 -1.82 -0.73	67.67 -1.21 -0.85	34.07 -0.71 -5.73
DUNKIRK___4 23566	67.36 1.22 0.00	53.04 0.12 0.00	51.72 0.27 0.00	47.78 0.13 0.00	55.94 0.97 0.00	58.35 -0.05 0.00	80.56 -1.20 0.00	65.61 -1.87 1.86	64.27 -1.41 0.00	51.82 -0.87 0.00	54.14 -0.44 0.00	56.11 -0.25 0.00	56.37 0.47 0.00	54.91 0.35 0.00	58.31 -0.05 0.00	62.92 -0.67 0.00	64.92 -0.73 0.00	66.19 -1.32 0.00	73.20 -1.19 0.00	76.14 -1.62 0.00	76.96 -1.79 -0.12	74.75 -1.82 -0.73	67.67 -1.21 -0.85	34.07 -0.71 -5.73
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	68.60 2.46 0.00	54.99 2.07 0.00	53.30 1.85 0.00	49.33 1.68 0.00	56.81 1.84 0.00	60.55 2.15 0.00	84.75 2.99 0.00	72.16 2.82 0.00	68.47 2.80 0.00	55.48 2.78 0.00	57.96 3.36 0.00	60.02 3.66 0.00	59.63 3.73 0.00	58.00 3.44 0.00	62.19 3.82 0.00	67.48 3.88 0.00	69.43 3.79 0.00	71.60 4.09 0.00	79.15 4.75 0.00	82.44 4.69 0.00	84.27 4.85 -0.78	84.98 4.46 -4.68	77.36 3.90 -5.44	67.35 1.69 -36.59
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	68.60 2.47 0.00	54.94 2.02 0.00	53.28 1.83 0.00	49.31 1.66 0.00	56.82 1.85 0.00	60.58 2.18 0.00	84.89 3.13 0.00	72.24 2.90 0.00	68.44 2.76 0.00	55.28 2.59 0.00	57.57 2.98 0.00	59.49 3.12 0.00	59.04 3.14 0.00	57.44 2.88 0.00	61.73 3.36 0.00	67.21 3.62 0.00	69.35 3.70 0.00	71.50 3.99 0.00	79.07 4.68 0.00	82.39 4.63 0.00	84.15 4.75 -0.77	84.83 4.39 -4.60	77.19 3.81 -5.35	66.70 1.63 -36.01
E179THST_138_KV_TB4_REV_LBMP_J 345001	68.84 2.70 0.00	55.30 2.37 0.00	53.57 2.12 0.00	49.57 1.91 0.00	56.78 1.81 0.00	60.46 2.06 0.00	84.65 2.89 0.00	72.27 2.93 0.00	68.50 2.83 0.00	55.63 2.94 0.00	58.14 3.55 0.00	60.16 3.80 0.00	59.75 3.85 0.00	58.06 3.51 0.00	62.26 3.90 0.00	67.42 3.83 0.00	69.46 3.82 0.00	71.61 4.10 0.00	79.09 4.69 0.00	82.38 4.63 0.00	84.25 4.83 -0.78	84.99 4.48 -4.68	77.40 3.94 -5.44	67.36 1.71 -36.59

E179THST_13_KV_LOAD 356214	69.15 3.01 0.00	55.53 2.60 0.00	53.77 2.33 0.00	49.76 2.10 0.00	57.00 2.03 0.00	60.70 2.30 0.00	85.01 3.25 0.00	72.62 3.28 0.00	68.83 3.16 0.00	55.89 3.20 0.00	58.41 3.83 0.00	60.46 4.09 0.00	60.05 4.15 0.00	58.37 3.81 0.00	62.56 4.20 0.00	67.75 4.15 0.00	69.83 4.18 0.00	71.97 4.46 0.00	79.51 5.12 0.00	82.82 5.06 0.00	84.67 5.25 -0.78	85.38 4.86 -4.68	77.75 4.28 -5.44	67.49 1.84 -36.59
EAST HAMPTON___GT 23717	73.43 7.29 -0.01	57.54 5.82 1.20	56.38 5.22 0.28	51.60 4.69 0.74	58.08 5.23 2.12	64.24 5.37 -0.47	98.37 6.43 -10.18	80.46 5.52 -5.60	78.43 5.25 -7.51	61.86 5.19 -3.97	63.68 6.60 -2.50	63.70 7.58 0.25	62.88 7.26 0.29	59.46 6.05 1.16	64.50 6.14 0.00	77.38 6.63 -7.15	80.03 6.89 -7.49	82.33 6.83 -7.98	93.17 9.29 -9.48	97.15 9.30 -10.10	100.13 9.53 -11.96	99.39 8.69 -14.86	84.15 7.49 -8.63	68.80 3.96 -35.78
EAST RIVER___6 23660	68.55 2.42 0.00	54.97 2.04 0.00	53.26 1.81 0.00	49.31 1.66 0.00	56.80 1.83 0.00	60.66 2.26 0.00	84.78 3.02 0.00	72.31 2.97 0.00	68.66 2.99 0.00	55.79 3.10 0.00	58.38 3.79 0.00	60.44 4.07 0.00	60.07 4.17 0.00	58.38 3.83 0.00	62.59 4.22 0.00	67.81 4.21 0.00	69.76 4.12 0.00	71.92 4.41 0.00	79.47 5.07 0.00	82.69 4.93 0.00	84.53 5.12 -0.78	85.21 4.70 -4.68	77.57 4.10 -5.44	67.38 1.73 -36.58
EAST RIVER___7 23524	68.55 2.42 0.00	54.97 2.04 0.00	53.26 1.81 0.00	49.31 1.66 0.00	56.80 1.83 0.00	60.66 2.26 0.00	84.78 3.02 0.00	72.31 2.97 0.00	68.66 2.99 0.00	55.79 3.10 0.00	58.38 3.79 0.00	60.44 4.07 0.00	60.07 4.17 0.00	58.38 3.83 0.00	62.59 4.22 0.00	67.81 4.21 0.00	69.76 4.12 0.00	71.92 4.41 0.00	79.47 5.07 0.00	82.69 4.93 0.00	84.53 5.12 -0.78	85.21 4.70 -4.68	77.57 4.10 -5.44	67.38 1.73 -36.58
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	68.50 2.37 0.00	54.90 1.97 0.00	53.21 1.77 0.00	49.24 1.59 0.00	56.72 1.75 0.00	60.47 2.07 0.00	84.67 2.91 0.00	72.07 2.73 0.00	68.36 2.68 0.00	55.38 2.68 0.00	57.84 3.25 0.00	59.89 3.52 0.00	59.49 3.59 0.00	57.86 3.30 0.00	62.05 3.68 0.00	67.35 3.75 0.00	69.32 3.67 0.00	71.48 3.97 0.00	79.02 4.62 0.00	82.31 4.55 0.00	84.12 4.70 -0.78	84.83 4.32 -4.67	77.24 3.78 -5.43	67.25 1.64 -36.54
EAST_HAMPTON___DIESEL 23722	73.43 7.29 -0.01	57.53 5.81 1.20	56.36 5.19 0.28	51.59 4.68 0.74	58.07 5.22 2.12	64.24 5.37 -0.47	98.37 6.44 -10.18	80.48 5.54 -5.60	78.44 5.26 -7.51	61.87 5.20 -3.97	63.71 6.63 -2.50	63.71 7.59 0.25	62.90 7.28 0.29	59.46 6.05 1.16	64.52 6.15 0.00	77.38 6.63 -7.15	80.03 6.89 -7.49	82.36 6.87 -7.98	93.17 9.29 -9.48	97.16 9.31 -10.10	100.17 9.57 -11.96	99.40 8.70 -14.86	84.18 7.52 -8.63	68.80 3.96 -35.78
EAST_POINT___SOLAR 323840	68.09 1.95 0.00	54.45 1.53 0.00	52.92 1.47 0.00	49.01 1.36 0.00	56.53 1.56 0.00	60.22 1.83 0.00	84.39 2.63 0.00	71.58 2.24 0.00	67.16 1.49 0.00	53.75 1.06 0.00	55.17 0.58 0.00	56.55 0.18 0.00	55.99 0.09 0.00	54.38 -0.18 0.00	58.65 0.29 0.00	65.05 1.46 0.00	67.65 2.00 0.00	69.70 2.19 0.00	76.92 2.53 0.00	80.22 2.46 0.00	82.04 2.37 -1.04	84.44 2.37 -6.23	77.38 2.11 -7.24	78.67 0.87 -48.74
EAST_PULASKI___ESR 323781	65.04 -1.10 0.00	51.97 -0.95 0.00	50.55 -0.90 0.00	46.78 -0.87 0.00	54.05 -0.92 0.00	57.47 -0.93 0.00	80.58 -1.18 0.00	68.41 -0.93 0.00	64.69 -0.99 0.00	51.68 -1.01 0.00	53.08 -1.51 0.00	54.58 -1.79 0.00	54.04 -1.86 0.00	52.76 -1.80 0.00	56.53 -1.84 0.00	61.84 -1.75 0.00	64.39 -1.26 0.00	66.52 -0.99 0.00	73.32 -1.08 0.00	76.47 -1.28 0.00	77.27 -1.43 -0.06	74.54 -1.68 -0.38	66.81 -1.66 -0.44	31.25 -0.79 -2.97
EAST_RIVER___1 323558	68.67 2.54 0.00	55.08 2.15 0.00	53.37 1.93 0.00	49.40 1.75 0.00	56.89 1.92 0.00	60.67 2.27 0.00	84.92 3.16 0.00	72.38 3.04 0.00	68.71 3.03 0.00	55.80 3.11 0.00	58.38 3.79 0.00	60.44 4.07 0.00	60.07 4.17 0.00	58.40 3.84 0.00	62.59 4.22 0.00	67.80 4.20 0.00	69.75 4.10 0.00	71.92 4.41 0.00	79.47 5.07 0.00	82.70 4.94 0.00	84.57 5.16 -0.78	85.28 4.76 -4.68	77.64 4.17 -5.44	67.43 1.78 -36.58
EAST_RIVER___2 323559	68.55 2.42 0.00	54.97 2.04 0.00	53.26 1.81 0.00	49.31 1.66 0.00	56.80 1.83 0.00	60.66 2.26 0.00	84.78 3.02 0.00	72.31 2.97 0.00	68.66 2.99 0.00	55.79 3.10 0.00	58.38 3.79 0.00	60.44 4.07 0.00	60.07 4.17 0.00	58.38 3.83 0.00	62.59 4.22 0.00	67.81 4.21 0.00	69.76 4.12 0.00	71.92 4.41 0.00	79.47 5.07 0.00	82.69 4.93 0.00	84.53 5.12 -0.78	85.21 4.70 -4.68	77.57 4.10 -5.44	67.38 1.73 -36.58
EAST___DELAWARE_HYD 23607	68.84 2.70 0.00	55.11 2.19 0.00	53.47 2.02 0.00	49.48 1.83 0.00	57.05 2.08 0.00	60.83 2.43 0.00	85.36 3.60 0.00	72.64 3.30 0.00	68.79 3.12 0.00	55.45 2.76 0.00	57.52 2.93 0.00	59.24 2.87 0.00	58.51 2.61 0.00	55.69 1.13 0.00	59.99 1.62 0.00	65.60 2.00 0.00	67.91 2.26 0.00	70.10 2.59 0.00	77.56 3.17 0.00	80.82 3.06 0.00	82.71 3.33 -0.74	85.06 4.76 -4.46	77.36 4.14 -5.19	65.72 1.74 -34.91
EIGHT_POINT___WT_PWR 323820	67.37 1.06 -0.17	53.89 -0.01 -0.98	52.19 0.08 -0.66	48.54 0.04 -0.85	56.44 0.96 -0.52	58.95 0.31 -0.23	82.41 -0.20 -0.85	67.77 -1.00 0.57	68.58 -1.00 -3.91	51.44 -1.26 0.00	53.70 -0.89 0.00	55.55 -0.81 0.00	55.42 -0.48 0.00	54.10 -0.46 0.00	57.73 -0.64 0.00	62.92 -0.67 0.00	65.25 -0.39 0.00	66.20 -1.31 0.00	72.80 -1.59 0.00	75.63 -2.13 0.00	75.74 -3.05 -0.16	73.91 -2.90 -0.97	67.20 -1.96 -1.13	35.90 -0.75 -7.58
ELBRIDGE_115KV_TB2 80188	65.36 -0.77 0.00	52.23 -0.69 0.00	50.80 -0.65 0.00	47.06 -0.60 0.00	54.36 -0.61 0.00	57.73 -0.67 0.00	80.87 -0.89 0.00	68.52 -0.81 0.00	64.76 -0.91 0.00	51.77 -0.92 0.00	53.53 -1.05 0.00	55.25 -1.12 0.00	54.97 -0.93 0.00	53.60 -0.96 0.00	57.39 -0.98 0.00	62.70 -0.90 0.00	64.97 -0.68 0.00	66.86 -0.65 0.00	73.73 -0.67 0.00	76.93 -0.82 0.00	77.90 -0.82 -0.09	75.52 -0.86 -0.54	67.82 -0.84 -0.63	33.02 -0.31 -4.26
ELEC_TRO_TEK 24086	72.09 3.91 -2.05	63.10 3.25 -6.93	54.86 2.93 -0.48	51.55 2.62 -1.27	61.31 2.67 -3.67	61.09 2.68 -0.01	84.64 2.89 0.00	72.09 2.75 0.00	68.53 2.86 0.00	55.72 3.02 0.00	58.84 4.09 -0.17	62.05 4.89 -0.80	61.22 4.82 -0.50	60.80 4.25 -1.99	62.50 4.13 0.00	67.71 4.12 0.00	69.59 3.94 0.00	72.05 4.54 0.00	79.67 5.28 0.00	82.86 5.10 0.00	84.96 5.54 -0.79	85.56 5.03 -4.69	79.82 3.79 -8.00	70.34 2.29 -38.99
ELLENBURG_WT_PWR 323604	68.78 2.65 0.00	54.38 1.46 0.00	52.85 1.40 0.00	48.76 1.11 0.00	56.57 1.60 0.00	59.84 1.44 0.00	82.38 0.62 0.00	69.59 0.25 0.00	66.64 0.97 0.00	53.79 1.09 0.00	56.18 1.59 0.00	58.26 1.90 0.00	56.02 0.12 0.00	55.02 0.46 0.00	58.76 0.39 0.00	63.20 -0.39 0.00	64.79 -0.86 0.00	66.29 -1.22 0.00	72.64 -1.76 0.00	76.46 -1.30 0.00	78.14 -0.50 -0.01	75.46 -0.44 -0.07	67.01 -1.10 -0.08	28.68 -0.94 -0.56

ELM_ST_23_KV_LD_REV_LBMP_A 345012	66.71 0.57 0.00	52.74 -0.18 0.00	51.41 -0.04 0.00	47.56 -0.10 0.00	55.41 0.44 0.00	57.73 -0.67 0.00	79.30 -2.46 0.00	64.94 -2.74 1.65	63.63 -2.05 0.00	51.21 -1.49 0.00	53.47 -1.12 0.00	55.34 -1.02 0.00	55.59 -0.32 0.00	54.52 -0.04 0.00	58.07 -0.30 0.00	62.55 -1.05 0.00	64.30 -1.35 0.00	65.60 -1.92 0.00	72.28 -2.11 0.00	75.66 -2.10 0.00	76.64 -2.11 -0.11	74.18 -2.35 -0.69	67.22 -1.61 -0.80	33.65 -0.79 -5.37
EMPIRE_CC_1 323656	66.47 0.33 0.00	53.46 0.54 0.00	51.92 0.47 0.00	48.13 0.48 0.00	55.47 0.50 0.00	59.06 0.66 0.00	82.95 1.19 0.00	70.30 0.97 0.00	66.54 0.87 0.00	53.10 0.41 0.00	54.74 0.15 0.00	56.56 0.20 0.00	56.03 0.13 0.00	54.97 0.41 0.00	59.04 0.67 0.00	64.79 1.19 0.00	66.72 1.08 0.00	68.57 1.06 0.00	75.41 1.02 0.00	79.14 1.38 0.00	80.92 1.41 -0.88	82.84 1.74 -5.27	75.85 1.70 -6.13	71.05 0.77 -41.22
EMPIRE_CC_2 323658	66.47 0.33 0.00	53.46 0.54 0.00	51.92 0.47 0.00	48.13 0.48 0.00	55.47 0.50 0.00	59.06 0.66 0.00	82.95 1.19 0.00	70.30 0.97 0.00	66.54 0.87 0.00	53.10 0.41 0.00	54.74 0.15 0.00	56.56 0.20 0.00	56.03 0.13 0.00	54.97 0.41 0.00	59.04 0.67 0.00	64.79 1.19 0.00	66.72 1.08 0.00	68.57 1.06 0.00	75.41 1.02 0.00	79.14 1.38 0.00	80.92 1.41 -0.88	82.84 1.74 -5.27	75.85 1.70 -6.13	71.05 0.77 -41.22
ENORWICH_115KV_TB1 80156	70.78 4.64 0.00	56.44 3.52 0.00	54.91 3.47 0.00	50.92 3.27 0.00	58.98 4.01 0.00	62.84 4.44 0.00	88.63 6.87 0.00	76.75 5.95 -1.47	70.47 4.80 0.00	56.03 3.33 0.00	57.17 2.58 0.00	58.88 2.52 0.00	58.64 2.74 0.00	57.06 2.50 0.00	61.57 3.20 0.00	68.11 4.51 0.00	71.58 5.93 0.00	73.77 6.26 0.00	81.57 7.17 0.00	84.34 6.59 0.00	84.87 5.98 -0.26	82.54 5.12 -1.58	74.35 4.49 -1.83	43.28 1.88 -12.33
ERIE_ST__34_KV_TB1-2 80199	67.36 1.23 0.00	53.22 0.29 0.00	51.85 0.40 0.00	47.98 0.32 0.00	55.92 0.95 0.00	58.35 -0.05 0.00	80.34 -1.43 0.00	65.80 -1.81 1.72	64.55 -1.13 0.00	51.87 -0.83 0.00	54.10 -0.49 0.00	55.95 -0.41 0.00	56.17 0.27 0.00	55.20 0.64 0.00	58.86 0.49 0.00	63.48 -0.11 0.00	65.34 -0.31 0.00	66.61 -0.90 0.00	73.39 -1.01 0.00	76.79 -0.97 0.00	77.76 -0.99 -0.12	75.19 -1.36 -0.71	68.08 -0.78 -0.83	34.09 -0.53 -5.56
ERIE_WT_PWR 323693	66.80 0.99 0.32	51.22 0.12 1.82	50.48 0.26 1.23	46.24 0.17 1.58	54.77 0.75 0.96	57.70 -0.26 0.43	78.92 -1.82 1.03	61.73 -2.20 5.41	60.24 -1.59 3.84	51.54 -1.15 0.00	53.77 -0.82 0.00	55.66 -0.70 0.00	55.87 -0.04 0.00	54.87 0.31 0.00	58.47 0.10 0.00	63.06 -0.53 0.00	64.90 -0.74 0.00	66.22 -1.29 0.00	72.92 -1.47 0.00	76.31 -1.45 0.00	77.20 -1.55 -0.12	74.57 -1.97 -0.70	67.68 -1.16 -0.82	33.94 -0.63 -5.50
ESPRGFLD_115KV_TB1 80157	67.33 1.19 0.00	53.84 0.92 0.00	52.38 0.93 0.00	48.47 0.82 0.00	55.85 0.88 0.00	59.45 1.05 0.00	83.17 1.41 0.00	70.70 1.19 -0.17	66.93 1.25 0.00	53.84 1.15 0.00	55.95 1.36 0.00	57.91 1.55 0.00	57.45 1.54 0.00	55.85 1.29 0.00	59.61 1.24 0.00	64.88 1.29 0.00	66.68 1.04 0.00	68.55 1.04 0.00	75.65 1.26 0.00	78.73 0.97 0.00	79.56 0.82 -0.10	77.15 0.72 -0.58	69.36 0.65 -0.68	33.93 0.28 -4.59
ETNA_115_KV_TB1_REV_LBMP_C 345029	67.56 1.42 0.00	53.98 1.05 0.00	52.49 1.05 0.00	48.64 0.99 0.00	56.22 1.25 0.00	59.72 1.32 0.00	83.76 2.00 0.00	74.02 1.69 -3.00	66.94 1.26 0.00	53.40 0.70 0.00	54.92 0.33 0.00	56.56 0.19 0.00	56.26 0.36 0.00	54.85 0.29 0.00	58.82 0.45 0.00	64.56 0.97 0.00	67.16 1.51 0.00	69.15 1.64 0.00	76.29 1.89 0.00	79.60 1.85 0.00	80.53 1.71 -0.19	78.38 1.40 -1.14	70.57 1.22 -1.32	38.46 0.51 -8.88
ETNA____115KV_TB2 80207	67.56 1.42 0.00	53.98 1.05 0.00	52.49 1.05 0.00	48.64 0.99 0.00	56.22 1.25 0.00	59.72 1.32 0.00	83.76 2.00 0.00	74.02 1.69 -3.00	66.94 1.26 0.00	53.40 0.70 0.00	54.92 0.33 0.00	56.56 0.19 0.00	56.26 0.36 0.00	54.85 0.29 0.00	58.82 0.45 0.00	64.56 0.97 0.00	67.16 1.51 0.00	69.15 1.64 0.00	76.29 1.89 0.00	79.60 1.85 0.00	80.53 1.71 -0.19	78.38 1.40 -1.14	70.57 1.22 -1.32	38.46 0.51 -8.88
EUCLID___115KV_TB2 356179	64.93 -1.21 0.00	51.90 -1.02 0.00	50.46 -0.98 0.00	46.74 -0.91 0.00	54.00 -0.97 0.00	57.31 -1.09 0.00	80.23 -1.53 0.00	68.01 -1.33 0.00	64.40 -1.27 0.00	51.60 -1.10 0.00	53.37 -1.22 0.00	55.09 -1.28 0.00	54.73 -1.17 0.00	53.45 -1.10 0.00	57.23 -1.14 0.00	62.45 -1.14 0.00	64.59 -1.07 0.00	66.42 -1.09 0.00	73.22 -1.17 0.00	76.50 -1.26 0.00	77.38 -1.33 -0.07	74.91 -1.35 -0.43	67.31 -1.22 -0.50	31.90 -0.51 -3.34
E_CANADA_CAP_HY 24051	66.30 0.16 0.00	53.06 0.13 0.00	51.59 0.14 0.00	47.75 0.10 0.00	55.00 0.03 0.00	58.53 0.13 0.00	81.63 -0.13 0.00	69.21 -0.13 0.00	65.64 -0.03 0.00	52.72 0.03 0.00	54.81 0.22 0.00	56.82 0.46 0.00	56.21 0.31 0.00	54.73 0.18 0.00	58.50 0.13 0.00	63.74 0.15 0.00	65.46 -0.19 0.00	67.31 -0.20 0.00	74.13 -0.27 0.00	77.26 -0.50 0.00	79.16 -0.56 -1.09	82.11 -0.27 -6.54	75.50 -0.13 -7.60	80.14 -0.06 -51.13
E_CANADA_MHWK_HY 24050	71.06 4.93 0.00	56.81 3.89 0.00	55.21 3.77 0.00	51.19 3.54 0.00	59.20 4.23 0.00	63.10 4.70 0.00	88.52 6.76 0.00	75.11 5.78 0.00	70.03 4.35 0.00	55.52 2.82 0.00	56.84 2.25 0.00	58.00 1.64 0.00	57.49 1.59 0.00	56.00 1.44 0.00	60.68 2.31 0.00	67.59 4.00 0.00	71.01 5.36 0.00	73.32 5.81 0.00	80.73 6.33 0.00	83.98 6.22 0.00	84.50 5.86 -0.01	82.20 6.30 -0.07	73.89 5.78 -0.08	31.97 2.37 -0.54
E_FISHKILL___LBMP 23776	68.11 1.97 0.00	54.59 1.66 0.00	52.94 1.49 0.00	49.00 1.35 0.00	56.44 1.47 0.00	60.13 1.73 0.00	84.20 2.44 0.00	71.63 2.29 0.00	67.92 2.25 0.00	54.94 2.24 0.00	57.28 2.70 0.00	59.28 2.92 0.00	58.87 2.98 0.00	57.32 2.76 0.00	61.50 3.13 0.00	66.83 3.23 0.00	68.82 3.17 0.00	70.88 3.37 0.00	78.33 3.93 0.00	81.65 3.89 0.00	83.45 4.03 -0.79	84.31 3.74 -4.73	76.80 3.27 -5.50	67.48 1.42 -37.00
FALCON___SEABRD_CC1 323796	68.99 2.85 0.00	54.53 1.61 0.00	52.97 1.52 0.00	48.87 1.22 0.00	56.72 1.75 0.00	59.99 1.59 0.00	82.23 0.47 0.00	69.48 0.14 0.00	66.57 0.90 0.00	53.96 1.27 0.00	56.36 1.77 0.00	58.48 2.11 0.00	56.18 0.28 0.00	55.14 0.58 0.00	58.90 0.53 0.00	63.32 -0.28 0.00	64.60 -1.05 0.00	66.12 -1.39 0.00	72.46 -1.94 0.00	76.32 -1.44 0.00	78.29 -0.35 -0.01	76.05 0.14 -0.07	67.58 -0.54 -0.08	28.92 -0.72 -0.57
FALCON___SEABRD_CC2 323797	68.99 2.85 0.00	54.53 1.61 0.00	52.97 1.52 0.00	48.87 1.22 0.00	56.72 1.75 0.00	59.99 1.59 0.00	82.23 0.47 0.00	69.48 0.14 0.00	66.57 0.90 0.00	53.96 1.27 0.00	56.36 1.77 0.00	58.48 2.11 0.00	56.18 0.28 0.00	55.14 0.58 0.00	58.90 0.53 0.00	63.32 -0.28 0.00	64.60 -1.05 0.00	66.12 -1.39 0.00	72.46 -1.94 0.00	76.32 -1.44 0.00	78.29 -0.35 -0.01	76.05 0.14 -0.07	67.58 -0.54 -0.08	28.92 -0.72 -0.57

FAR ROCKAWAY___4 23548	76.06 4.94 -4.98	75.10 4.05 -18.13	56.64 3.70 -1.49	54.90 3.32 -3.93	69.78 3.49 -11.32	62.00 3.57 -0.03	85.86 4.10 0.00	73.06 3.73 0.00	69.45 3.77 0.00	56.49 3.79 0.00	59.90 4.93 -0.38	64.34 5.75 -2.22	63.08 5.65 -1.53	65.82 5.11 -6.15	63.36 4.99 0.00	68.62 5.03 0.00	70.62 4.97 0.00	73.22 5.71 0.00	80.93 6.54 0.00	84.17 6.41 0.00	86.40 6.96 -0.81	86.82 6.27 -4.70	85.99 4.62 -13.35	75.79 2.73 -43.99
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	68.74 2.60 0.00	55.13 2.21 0.00	53.44 1.99 0.00	49.45 1.80 0.00	56.93 1.96 0.00	60.71 2.31 0.00	84.95 3.18 0.00	72.43 3.09 0.00	68.74 3.07 0.00	55.83 3.13 0.00	58.39 3.80 0.00	60.45 4.09 0.00	60.07 4.16 0.00	58.41 3.85 0.00	62.62 4.25 0.00	67.81 4.22 0.00	69.74 4.09 0.00	71.91 4.40 0.00	79.48 5.08 0.00	82.75 4.99 0.00	84.61 5.20 -0.78	85.33 4.81 -4.68	77.68 4.21 -5.44	67.45 1.80 -36.59
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	68.76 2.63 0.00	55.14 2.22 0.00	53.45 2.00 0.00	49.47 1.82 0.00	56.94 1.97 0.00	60.73 2.33 0.00	84.99 3.23 0.00	72.45 3.11 0.00	68.75 3.07 0.00	55.83 3.13 0.00	58.39 3.80 0.00	60.45 4.09 0.00	60.07 4.16 0.00	58.41 3.85 0.00	62.62 4.25 0.00	67.81 4.22 0.00	69.75 4.11 0.00	71.92 4.41 0.00	79.49 5.10 0.00	82.76 5.00 0.00	84.62 5.21 -0.78	85.34 4.82 -4.68	77.69 4.22 -5.44	67.46 1.81 -36.59
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	68.70 2.56 0.00	55.10 2.18 0.00	53.40 1.96 0.00	49.43 1.78 0.00	56.90 1.93 0.00	60.68 2.28 0.00	84.92 3.16 0.00	72.39 3.06 0.00	68.70 3.03 0.00	55.80 3.11 0.00	58.36 3.78 0.00	60.41 4.05 0.00	60.04 4.14 0.00	58.38 3.82 0.00	62.57 4.20 0.00	67.78 4.19 0.00	69.70 4.06 0.00	71.89 4.38 0.00	79.44 5.05 0.00	82.68 4.93 0.00	84.55 5.14 -0.78	85.26 4.75 -4.68	77.63 4.16 -5.44	67.43 1.78 -36.59
FARRAGUT___LBMP 323566	68.67 2.53 0.00	55.08 2.15 0.00	53.37 1.92 0.00	49.39 1.74 0.00	56.86 1.89 0.00	60.64 2.24 0.00	84.85 3.09 0.00	72.33 2.99 0.00	68.64 2.97 0.00	55.75 3.06 0.00	58.31 3.72 0.00	60.35 3.99 0.00	59.98 4.08 0.00	58.33 3.77 0.00	62.50 4.14 0.00	67.72 4.12 0.00	69.64 3.99 0.00	71.82 4.31 0.00	79.37 4.97 0.00	82.61 4.85 0.00	84.48 5.07 -0.78	85.21 4.69 -4.68	77.58 4.11 -5.44	67.41 1.76 -36.59
FENNER___WINDPWR 24204	67.61 1.47 0.00	54.09 1.17 0.00	52.63 1.18 0.00	48.74 1.09 0.00	56.35 1.37 0.00	59.94 1.54 0.00	84.14 2.38 0.00	72.00 2.05 -0.62	67.43 1.76 0.00	53.88 1.18 0.00	55.45 0.86 0.00	57.09 0.72 0.00	56.52 0.62 0.00	55.13 0.57 0.00	59.11 0.74 0.00	64.80 1.20 0.00	67.33 1.68 0.00	69.24 1.73 0.00	76.26 1.86 0.00	79.55 1.79 0.00	80.37 1.63 -0.11	77.79 1.32 -0.63	69.76 0.99 -0.74	34.38 0.36 -4.95
FIBERTEK___ENERGY 23856	65.59 -0.55 0.00	52.43 -0.50 0.00	50.98 -0.47 0.00	47.22 -0.43 0.00	54.55 -0.43 0.00	57.95 -0.45 0.00	81.20 -0.56 0.00	68.84 -0.50 0.00	65.08 -0.59 0.00	52.06 -0.64 0.00	53.81 -0.78 0.00	55.53 -0.83 0.00	55.20 -0.71 0.00	53.86 -0.70 0.00	57.69 -0.68 0.00	63.01 -0.59 0.00	65.27 -0.38 0.00	67.18 -0.33 0.00	74.09 -0.30 0.00	77.33 -0.43 0.00	78.26 -0.46 -0.09	75.81 -0.54 -0.52	68.11 -0.51 -0.60	32.91 -0.20 -4.05
FITZPATRICK___ 23598	63.94 -2.20 0.00	51.13 -1.80 0.00	49.72 -1.72 0.00	46.05 -1.61 0.00	53.16 -1.81 0.00	56.42 -1.97 0.00	78.98 -2.78 0.00	66.95 -2.38 0.00	63.40 -2.28 0.00	50.82 -1.88 0.00	52.59 -2.00 0.00	54.27 -2.09 0.00	53.90 -2.00 0.00	52.63 -1.93 0.00	56.33 -2.03 0.00	61.43 -2.16 0.00	63.50 -2.15 0.00	65.32 -2.19 0.00	72.01 -2.39 0.00	75.21 -2.55 0.00	76.10 -2.59 -0.05	73.63 -2.53 -0.33	66.16 -2.25 -0.38	30.71 -0.92 -2.57
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	69.09 2.95 0.00	55.33 2.41 0.00	53.66 2.22 0.00	49.67 2.01 0.00	57.25 2.28 0.00	61.03 2.63 0.00	85.57 3.80 0.00	72.81 3.47 0.00	69.01 3.33 0.00	55.71 3.02 0.00	58.00 3.41 0.00	59.97 3.61 0.00	59.53 3.63 0.00	57.98 3.42 0.00	62.30 3.93 0.00	67.81 4.22 0.00	69.93 4.28 0.00	72.09 4.58 0.00	79.69 5.29 0.00	83.07 5.31 0.00	84.84 5.42 -0.78	85.57 5.04 -4.69	77.84 4.36 -5.46	67.63 1.85 -36.72
FORT ORANGE___ 23900	66.77 0.64 0.00	53.59 0.66 0.00	52.07 0.62 0.00	48.30 0.65 0.00	55.63 0.66 0.00	59.18 0.78 0.00	83.14 1.38 0.00	70.53 1.20 0.00	66.71 1.04 0.00	53.33 0.64 0.00	55.11 0.53 0.00	56.84 0.48 0.00	56.32 0.42 0.00	55.12 0.56 0.00	59.23 0.86 0.00	64.97 1.37 0.00	67.06 1.41 0.00	68.99 1.48 0.00	75.98 1.59 0.00	79.56 1.81 0.00	81.35 1.82 -0.90	83.14 1.93 -5.37	76.03 1.75 -6.25	71.85 0.75 -42.04
FORT_DRUM_COGEN 23780	67.33 1.20 0.00	53.74 0.81 0.00	52.34 0.90 0.00	48.36 0.70 0.00	55.90 0.94 0.00	59.55 1.15 0.00	83.62 1.85 0.00	71.25 1.91 0.00	67.37 1.69 0.00	53.48 0.79 0.00	54.01 -0.57 0.00	55.13 -1.23 0.00	54.05 -1.85 0.00	52.78 -1.78 0.00	56.65 -1.72 0.00	62.82 -0.77 0.00	66.53 0.88 0.00	68.51 1.00 0.00	75.25 0.85 0.00	78.28 0.53 0.00	79.04 0.36 -0.05	75.56 -0.56 -0.27	67.23 -1.11 -0.32	30.38 -0.83 -2.14
FOX_HILLS___ESR 323835	68.62 2.49 0.00	55.32 2.40 0.00	53.56 2.12 0.00	49.57 1.92 0.00	56.92 1.95 0.00	60.68 2.28 0.00	84.61 2.85 0.00	72.36 3.02 0.00	68.48 2.81 0.00	55.59 2.89 0.00	58.08 3.49 0.00	60.12 3.75 0.00	59.71 3.81 0.00	58.05 3.49 0.00	62.23 3.86 0.00	66.63 3.72 0.68	69.18 3.53 0.00	71.33 3.82 0.00	78.99 4.60 0.00	82.35 4.60 0.00	84.21 4.80 -0.78	85.18 4.66 -4.68	77.66 4.19 -5.44	67.48 1.82 -36.59
FPL_FAR_ROCK_GT1 24212	76.06 4.94 -4.99	75.10 4.05 -18.13	56.64 3.69 -1.49	54.90 3.32 -3.93	69.77 3.48 -11.32	61.99 3.56 -0.03	85.86 4.09 0.00	73.07 3.73 0.00	69.44 3.77 0.00	56.49 3.79 0.00	59.90 4.93 -0.38	64.41 5.82 -2.22	63.13 5.69 -1.53	65.83 5.12 -6.15	63.36 4.99 0.00	68.62 5.02 0.00	70.63 4.98 0.00	73.22 5.71 0.00	80.93 6.53 0.00	84.17 6.41 0.00	86.39 6.95 -0.81	86.81 6.27 -4.70	86.02 4.64 -13.35	75.79 2.74 -43.99
FPL_FAR_ROCK_GT2 23815	76.06 4.94 -4.99	75.10 4.05 -18.13	56.64 3.69 -1.49	54.90 3.32 -3.93	69.77 3.48 -11.32	61.99 3.56 -0.03	85.86 4.09 0.00	73.07 3.73 0.00	69.44 3.77 0.00	56.49 3.79 0.00	59.90 4.93 -0.38	64.41 5.82 -2.22	63.13 5.69 -1.53	65.83 5.12 -6.15	63.36 4.99 0.00	68.62 5.02 0.00	70.63 4.98 0.00	73.22 5.71 0.00	80.93 6.53 0.00	84.17 6.41 0.00	86.39 6.95 -0.81	86.81 6.27 -4.70	86.02 4.64 -13.35	75.79 2.74 -43.99
FRANKLIN_FALL_HYD 24054	70.25 4.11 0.00	55.49 2.57 0.00	53.92 2.47 0.00	49.74 2.09 0.00	57.73 2.76 0.00	61.04 2.64 0.00	84.15 2.39 0.00	71.20 1.87 0.00	68.23 2.56 0.00	54.82 2.13 0.00	57.12 2.53 0.00	59.15 2.79 0.00	56.75 0.85 0.00	55.64 1.09 0.00	59.44 1.07 0.00	64.05 0.46 0.00	65.94 0.29 0.00	67.45 -0.06 0.00	73.85 -0.54 0.00	77.76 0.00 0.00	79.43 0.78 -0.01	76.49 0.56 -0.09	67.92 -0.21 -0.10	29.17 -0.58 -0.69



FREEPORT_EQUS_GT1 23764	72.48 4.47 -1.88	62.83 3.71 -6.20	55.19 3.33 -0.41	51.69 2.96 -1.08	61.12 3.05 -3.10	61.32 2.92 -0.01	84.79 3.03 0.00	72.18 2.84 0.00	68.71 3.04 0.00	55.99 3.30 0.00	59.13 4.38 -0.16	62.48 5.41 -0.71	61.59 5.27 -0.42	60.88 4.64 -1.69	62.88 4.51 0.00	67.98 4.38 0.00	69.82 4.17 0.00	72.38 4.87 0.00	80.09 5.70 0.00	83.26 5.51 0.00	85.33 5.91 -0.79	85.87 5.34 -4.69	79.80 4.17 -7.61	70.22 2.53 -38.62
FREEPORT___CT2 23818	72.48 4.47 -1.88	62.83 3.71 -6.20	55.19 3.33 -0.41	51.69 2.96 -1.08	61.12 3.05 -3.10	61.32 2.92 -0.01	84.79 3.03 0.00	72.18 2.84 0.00	68.71 3.04 0.00	55.99 3.30 0.00	59.13 4.38 -0.16	62.48 5.41 -0.71	61.59 5.27 -0.42	60.88 4.64 -1.69	62.88 4.51 0.00	67.98 4.38 0.00	69.82 4.17 0.00	72.38 4.87 0.00	80.09 5.70 0.00	83.26 5.51 0.00	85.33 5.91 -0.79	85.87 5.34 -4.69	79.80 4.17 -7.61	70.22 2.53 -38.62
FRESHKLS_33_KV_LOAD 356253	68.63 2.50 0.00	55.42 2.50 0.00	53.68 2.23 0.00	49.67 2.02 0.00	57.02 2.05 0.00	60.78 2.38 0.00	84.69 2.93 0.00	72.45 3.11 0.00	68.47 2.80 0.00	55.54 2.85 0.00	57.99 3.40 0.00	59.97 3.61 0.00	59.57 3.67 0.00	57.93 3.36 0.00	62.09 3.72 0.00	66.45 3.54 0.68	69.02 3.38 0.00	71.15 3.64 0.00	78.95 4.56 0.00	82.43 4.67 0.00	84.28 4.87 -0.78	85.37 4.85 -4.68	77.93 4.47 -5.44	67.59 1.94 -36.59
FULTON COGEN____ 23766	64.30 -1.83 0.00	51.41 -1.52 0.00	49.99 -1.45 0.00	46.31 -1.34 0.00	53.47 -1.51 0.00	56.79 -1.61 0.00	79.58 -2.18 0.00	67.51 -1.82 0.00	63.92 -1.75 0.00	51.14 -1.56 0.00	52.86 -1.73 0.00	54.52 -1.85 0.00	54.15 -1.76 0.00	52.84 -1.72 0.00	56.58 -1.79 0.00	61.74 -1.85 0.00	63.90 -1.76 0.00	65.89 -1.62 0.00	72.79 -1.61 0.00	75.90 -1.85 0.00	76.74 -1.96 -0.07	74.27 -1.98 -0.41	66.71 -1.79 -0.47	31.52 -0.75 -3.20
FULTON___LFGE 323630	67.85 1.71 0.00	54.30 1.38 0.00	52.78 1.34 0.00	48.86 1.21 0.00	56.35 1.37 0.00	60.01 1.62 0.00	84.12 2.36 0.00	71.35 2.01 0.00	67.23 1.56 0.00	53.74 1.05 0.00	55.63 1.05 0.00	57.15 0.79 0.00	56.35 0.45 0.00	54.87 0.32 0.00	58.88 0.51 0.00	64.95 1.36 0.00	67.54 1.89 0.00	69.58 2.07 0.00	76.69 2.30 0.00	80.03 2.27 0.00	81.87 2.21 -1.02	84.17 2.21 -6.13	77.15 1.99 -7.12	77.80 0.82 -47.91
G.F.CEMENT___DRP 24184	70.17 4.03 0.00	56.34 3.41 0.00	54.76 3.31 0.00	50.89 3.24 0.00	58.81 3.84 0.00	62.82 4.43 0.00	88.61 6.85 0.00	74.65 5.31 0.00	70.70 5.03 0.00	56.28 3.58 0.00	57.85 3.26 0.00	59.66 3.29 0.00	58.90 3.00 0.00	57.75 3.19 0.00	62.15 3.79 0.00	68.71 5.12 0.00	71.31 5.66 0.00	73.37 5.86 0.00	80.77 6.38 0.00	84.69 6.93 0.00	86.36 6.81 -0.93	88.02 6.64 -5.54	80.62 6.14 -6.44	74.86 2.45 -43.35
GARDENVILLE___LBMP 24039	66.92 0.79 0.00	52.89 -0.04 0.00	51.54 0.10 0.00	47.69 0.04 0.00	55.59 0.62 0.00	57.95 -0.45 0.00	79.66 -2.10 0.00	64.92 -2.43 1.99	63.87 -1.81 0.00	51.31 -1.38 0.00	53.57 -1.01 0.00	55.45 -0.92 0.00	55.67 -0.23 0.00	54.62 0.06 0.00	58.18 -0.19 0.00	62.75 -0.84 0.00	64.58 -1.07 0.00	65.85 -1.66 0.00	72.51 -1.88 0.00	75.85 -1.91 0.00	76.80 -1.95 -0.12	74.35 -2.19 -0.70	67.38 -1.46 -0.82	33.79 -0.75 -5.48
GARDNVLA_35_KV_LD 355827	67.28 1.15 0.00	53.16 0.24 0.00	51.82 0.37 0.00	47.95 0.29 0.00	55.87 0.90 0.00	58.28 -0.11 0.00	80.19 -1.57 0.00	65.62 -1.98 1.74	64.31 -1.36 0.00	51.71 -0.99 0.00	53.97 -0.62 0.00	55.88 -0.49 0.00	56.08 0.18 0.00	55.03 0.47 0.00	58.63 0.26 0.00	63.26 -0.34 0.00	65.15 -0.50 0.00	66.48 -1.03 0.00	73.29 -1.11 0.00	76.69 -1.07 0.00	77.61 -1.15 -0.12	75.07 -1.48 -0.70	68.00 -0.85 -0.82	34.07 -0.50 -5.50
GELCKHM___115KV_LOAD 80723	65.17 -0.96 0.00	52.10 -0.83 0.00	50.67 -0.78 0.00	46.93 -0.72 0.00	54.20 -0.77 0.00	57.56 -0.84 0.00	80.60 -1.17 0.00	68.31 -1.03 0.00	64.65 -1.02 0.00	51.76 -0.93 0.00	53.54 -1.05 0.00	55.26 -1.10 0.00	54.92 -0.98 0.00	53.62 -0.94 0.00	57.41 -0.95 0.00	62.68 -0.92 0.00	64.85 -0.80 0.00	66.71 -0.80 0.00	73.56 -0.84 0.00	76.82 -0.93 0.00	77.71 -1.00 -0.08	75.24 -1.05 -0.46	67.62 -0.94 -0.53	32.25 -0.39 -3.57
GENERAL___MILLS 23808	67.08 0.95 0.00	53.02 0.10 0.00	51.69 0.24 0.00	47.81 0.16 0.00	55.72 0.74 0.00	58.10 -0.29 0.00	79.89 -1.87 0.00	65.31 -2.25 1.78	64.06 -1.61 0.00	51.50 -1.20 0.00	53.77 -0.82 0.00	55.66 -0.71 0.00	55.89 -0.01 0.00	54.85 0.29 0.00	58.42 0.05 0.00	63.00 -0.60 0.00	64.85 -0.81 0.00	66.16 -1.35 0.00	72.86 -1.54 0.00	76.24 -1.52 0.00	77.17 -1.58 -0.12	74.68 -1.87 -0.70	67.67 -1.18 -0.82	33.92 -0.64 -5.50
GE_PLASTICS___DRP 24183	66.97 0.83 0.00	53.72 0.80 0.00	52.21 0.77 0.00	48.40 0.75 0.00	55.75 0.78 0.00	59.30 0.90 0.00	83.18 1.42 0.00	70.58 1.25 0.00	66.79 1.11 0.00	53.52 0.82 0.00	55.37 0.78 0.00	57.11 0.75 0.00	56.62 0.72 0.00	55.33 0.77 0.00	59.44 1.07 0.00	65.08 1.49 0.00	67.13 1.48 0.00	69.04 1.54 0.00	76.09 1.69 0.00	79.61 1.85 0.00	81.40 1.88 -0.89	83.12 1.94 -5.34	76.00 1.76 -6.21	71.60 0.76 -41.77
GILBOA___1 23756	67.39 1.25 0.00	54.05 1.12 0.00	52.66 1.22 0.00	48.77 1.12 0.00	56.02 1.05 0.00	59.41 1.01 0.00	83.13 1.37 0.00	70.52 1.18 0.00	66.82 1.15 0.00	53.78 1.08 0.00	55.79 1.20 0.00	57.66 1.29 0.00	57.39 1.49 0.00	55.80 1.24 0.00	59.87 1.50 0.00	65.33 1.73 0.00	67.15 1.50 0.00	68.99 1.48 0.00	76.21 1.81 0.00	79.60 1.85 0.00	81.25 1.88 -0.73	82.13 1.92 -4.37	74.92 1.81 -5.08	64.08 0.82 -34.20
GILBOA___2 23757	67.39 1.25 0.00	54.05 1.12 0.00	52.66 1.22 0.00	48.77 1.12 0.00	56.02 1.05 0.00	59.41 1.01 0.00	83.13 1.37 0.00	70.52 1.18 0.00	66.82 1.15 0.00	53.78 1.08 0.00	55.79 1.20 0.00	57.66 1.29 0.00	57.39 1.49 0.00	55.80 1.24 0.00	59.87 1.50 0.00	65.33 1.73 0.00	67.15 1.50 0.00	68.99 1.48 0.00	76.21 1.81 0.00	79.60 1.85 0.00	81.25 1.88 -0.73	82.13 1.92 -4.37	74.92 1.81 -5.08	64.08 0.82 -34.20
GILBOA___3 23758	67.39 1.25 0.00	54.05 1.12 0.00	52.66 1.22 0.00	48.77 1.12 0.00	56.02 1.05 0.00	59.41 1.01 0.00	83.13 1.37 0.00	70.52 1.18 0.00	66.82 1.15 0.00	53.78 1.08 0.00	55.79 1.20 0.00	57.66 1.29 0.00	57.39 1.49 0.00	55.80 1.24 0.00	59.87 1.50 0.00	65.33 1.73 0.00	67.15 1.50 0.00	68.99 1.48 0.00	76.21 1.81 0.00	79.60 1.85 0.00	81.25 1.88 -0.73	82.13 1.92 -4.37	74.92 1.81 -5.08	64.08 0.82 -34.20
GILBOA___4 23759	67.39 1.25 0.00	54.05 1.12 0.00	52.66 1.22 0.00	48.77 1.12 0.00	56.02 1.05 0.00	59.41 1.01 0.00	83.13 1.37 0.00	70.52 1.18 0.00	66.82 1.15 0.00	53.78 1.08 0.00	55.79 1.20 0.00	57.66 1.29 0.00	57.39 1.49 0.00	55.80 1.24 0.00	59.87 1.50 0.00	65.33 1.73 0.00	67.15 1.50 0.00	68.99 1.48 0.00	76.21 1.81 0.00	79.60 1.85 0.00	81.25 1.88 -0.73	82.13 1.92 -4.37	74.92 1.81 -5.08	64.08 0.82 -34.20

GILBOA____ 23599	67.39 1.25 0.00	54.04 1.12 0.00	52.66 1.21 0.00	48.77 1.12 0.00	56.02 1.05 0.00	59.41 1.01 0.00	83.13 1.37 0.00	70.52 1.18 0.00	66.82 1.15 0.00	53.78 1.08 0.00	55.79 1.20 0.00	57.66 1.29 0.00	57.38 1.48 0.00	55.80 1.24 0.00	59.88 1.51 0.00	65.33 1.74 0.00	67.15 1.50 0.00	68.99 1.48 0.00	76.21 1.81 0.00	79.61 1.85 0.00	81.25 1.89 -0.73	82.12 1.91 -4.37	74.92 1.81 -5.08	64.08 0.82 -34.20
GINNA____ 23603	63.24 -2.77 0.12	49.75 -2.50 0.67	48.60 -2.40 0.45	44.83 -2.23 0.58	52.29 -2.33 0.36	55.49 -2.75 0.16	77.03 -4.36 0.37	63.47 -3.94 1.93	60.73 -3.59 1.35	49.64 -3.05 0.00	51.60 -2.99 0.00	53.24 -3.12 0.00	53.17 -2.74 0.00	52.07 -2.49 0.00	55.73 -2.64 0.00	60.68 -2.91 0.00	62.61 -3.04 0.00	64.24 -3.27 0.00	70.78 -3.62 0.00	74.01 -3.75 0.00	74.93 -3.78 -0.08	72.33 -4.00 -0.49	65.06 -3.54 -0.58	31.39 -1.55 -3.87
GLEN PARK____ 23778	67.22 1.09 0.00	53.65 0.72 0.00	52.26 0.81 0.00	48.28 0.63 0.00	55.83 0.86 0.00	59.49 1.10 0.00	83.61 1.85 0.00	71.27 1.93 0.00	67.38 1.71 0.00	53.48 0.78 0.00	53.93 -0.66 0.00	54.98 -1.38 0.00	53.91 -1.99 0.00	52.64 -1.92 0.00	56.52 -1.85 0.00	62.76 -0.83 0.00	66.60 0.95 0.00	68.63 1.12 0.00	75.39 1.00 0.00	78.43 0.68 0.00	79.18 0.50 -0.05	75.68 -0.44 -0.28	67.31 -1.05 -0.33	30.47 -0.80 -2.21
GLENDALE_27_KV_LOAD 356172	68.95 2.82 0.00	55.42 2.49 0.00	53.70 2.26 0.00	49.70 2.04 0.00	57.12 2.15 0.00	60.85 2.46 0.00	85.05 3.29 0.00	72.64 3.31 0.00	68.91 3.24 0.00	56.00 3.31 0.00	58.59 4.00 0.00	60.66 4.29 0.00	60.26 4.36 0.00	58.59 4.04 0.00	62.82 4.45 0.00	68.00 4.40 0.00	69.91 4.26 0.00	72.08 4.57 0.00	79.62 5.23 0.00	82.89 5.13 0.00	84.73 5.32 -0.78	85.46 4.94 -4.68	77.77 4.30 -5.44	67.51 1.86 -36.59
GLENWOOD_IC_1_G5 23712	70.72 3.42 -1.16	59.37 2.83 -3.61	54.19 2.54 -0.21	50.46 2.28 -0.53	58.90 2.40 -1.53	60.95 2.55 0.00	84.93 3.16 0.00	72.31 2.97 0.00	68.68 3.01 0.00	55.76 3.07 0.00	58.59 3.90 -0.10	61.24 4.49 -0.39	60.61 4.50 -0.21	59.44 4.05 -0.83	62.57 4.20 0.00	67.81 4.22 0.00	69.77 4.12 0.00	72.14 4.63 0.00	79.75 5.36 0.00	82.98 5.22 0.00	84.93 5.51 -0.78	85.56 5.04 -4.68	78.65 4.11 -6.51	68.75 2.09 -37.59
GLENWOOD_IC_2_G1 23688	69.02 2.88 0.00	55.33 2.41 0.00	53.61 2.16 0.00	49.58 1.93 0.00	57.04 2.07 0.00	60.70 2.30 0.00	84.74 2.97 0.00	72.15 2.81 0.00	68.50 2.83 0.00	55.55 2.86 0.00	58.16 3.57 0.00	60.39 4.03 0.00	59.96 4.06 0.00	58.23 3.67 0.00	62.29 3.93 0.00	67.55 3.95 0.00	69.50 3.86 0.00	71.75 4.24 0.00	79.34 4.94 0.00	82.59 4.83 0.00	84.49 5.07 -0.78	85.17 4.65 -4.68	77.40 3.93 -5.44	67.52 1.86 -36.59
GLENWOOD_IC_3_G1 23689	69.02 2.88 0.00	55.33 2.41 0.00	53.61 2.16 0.00	49.58 1.93 0.00	57.04 2.07 0.00	60.70 2.30 0.00	84.74 2.97 0.00	72.15 2.81 0.00	68.50 2.83 0.00	55.55 2.86 0.00	58.16 3.57 0.00	60.39 4.03 0.00	59.96 4.06 0.00	58.23 3.67 0.00	62.29 3.93 0.00	67.55 3.95 0.00	69.50 3.86 0.00	71.75 4.24 0.00	79.34 4.94 0.00	82.59 4.83 0.00	84.49 5.07 -0.78	85.17 4.65 -4.68	77.40 3.93 -5.44	67.52 1.86 -36.59
GLENWOOD____4 23550	70.72 3.42 -1.16	59.37 2.83 -3.61	54.19 2.54 -0.21	50.46 2.28 -0.53	58.90 2.40 -1.53	60.95 2.55 0.00	84.93 3.16 0.00	72.31 2.97 0.00	68.68 3.01 0.00	55.76 3.07 0.00	58.59 3.90 -0.10	61.24 4.49 -0.39	60.61 4.50 -0.21	59.44 4.05 -0.83	62.57 4.20 0.00	67.81 4.22 0.00	69.77 4.12 0.00	72.14 4.63 0.00	79.75 5.36 0.00	82.98 5.22 0.00	84.93 5.51 -0.78	85.56 5.04 -4.68	78.65 4.11 -6.51	68.75 2.09 -37.59
GLENWOOD____5 23614	70.72 3.42 -1.16	59.37 2.83 -3.61	54.19 2.54 -0.21	50.46 2.28 -0.53	58.90 2.40 -1.53	60.95 2.55 0.00	84.93 3.16 0.00	72.31 2.97 0.00	68.68 3.01 0.00	55.76 3.07 0.00	58.59 3.90 -0.10	61.24 4.49 -0.39	60.61 4.50 -0.21	59.44 4.05 -0.83	62.57 4.20 0.00	67.81 4.22 0.00	69.77 4.12 0.00	72.14 4.63 0.00	79.75 5.36 0.00	82.98 5.22 0.00	84.93 5.51 -0.78	85.56 5.04 -4.68	78.65 4.11 -6.51	68.75 2.09 -37.59
GLOBAL GREEN_PORT_GT1 23814	73.28 7.13 -0.01	57.44 5.72 1.20	56.32 5.15 0.28	51.56 4.64 0.74	57.97 5.12 2.12	64.08 5.21 -0.47	98.13 6.20 -10.17	80.25 5.31 -5.60	78.23 5.06 -7.51	61.67 5.00 -3.97	63.49 6.41 -2.49	63.54 7.42 0.25	62.73 7.11 0.29	59.35 5.94 1.16	64.37 6.00 0.00	77.22 6.48 -7.14	79.84 6.70 -7.49	82.41 6.92 -7.98	92.95 9.07 -9.48	96.89 9.03 -10.09	99.87 9.28 -11.96	99.14 8.45 -14.85	83.89 7.24 -8.63	68.69 3.84 -35.78
GLOBE____DSASP 323697	65.47 -0.66 0.00	51.81 -1.11 0.00	50.47 -0.98 0.00	46.71 -0.94 0.00	54.29 -0.68 0.00	56.32 -2.08 0.00	77.05 -4.71 0.00	63.31 -4.51 1.51	62.19 -3.48 0.00	49.87 -2.83 0.00	52.06 -2.53 0.00	53.85 -2.52 0.00	54.17 -1.74 0.00	53.20 -1.36 0.00	56.68 -1.69 0.00	60.71 -2.88 0.00	62.02 -3.63 0.00	63.30 -4.21 0.00	69.66 -4.73 0.00	73.14 -4.62 0.00	74.18 -4.56 -0.11	71.87 -4.62 -0.65	65.37 -3.41 -0.75	32.69 -1.44 -5.06
GOETHSLN____LBMP 323567	68.39 2.25 0.00	54.85 1.92 0.00	53.15 1.70 0.00	49.19 1.54 0.00	56.63 1.65 0.00	60.42 2.02 0.00	84.52 2.75 0.00	72.05 2.71 0.00	68.36 2.68 0.00	55.55 2.85 0.00	58.11 3.52 0.00	60.15 3.79 0.00	59.79 3.89 0.00	58.13 3.57 0.00	62.31 3.94 0.00	67.45 3.85 0.00	69.37 3.72 0.00	71.57 4.06 0.00	79.06 4.66 0.00	82.27 4.52 0.00	84.12 4.70 -0.78	84.85 4.34 -4.68	77.27 3.81 -5.44	67.28 1.63 -36.59
GOLAH____69_KV_TB 1_2 80279	67.42 1.29 0.00	53.64 0.72 0.00	52.21 0.77 0.00	48.34 0.69 0.00	56.38 1.41 0.00	58.99 0.60 0.00	81.71 -0.05 0.00	67.80 -0.59 0.95	65.34 -0.33 0.00	52.21 -0.48 0.00	54.17 -0.42 0.00	55.98 -0.38 0.00	55.96 0.06 0.00	54.94 0.38 0.00	58.68 0.31 0.00	63.78 0.18 0.00	65.89 0.24 0.00	67.56 0.05 0.00	74.46 0.07 0.00	77.95 0.19 0.00	78.96 0.24 -0.09	76.16 -0.22 -0.53	68.67 0.02 -0.62	33.19 -0.03 -4.16
GOODYEAR_LAKE_HYD 323669	68.30 2.17 0.00	54.64 1.71 0.00	53.15 1.70 0.00	49.21 1.56 0.00	56.70 1.73 0.00	60.36 1.96 0.00	84.54 2.78 0.00	71.96 2.36 -0.26	67.89 2.22 0.00	54.58 1.88 0.00	56.61 2.02 0.00	58.46 2.10 0.00	58.07 2.17 0.00	56.46 1.90 0.00	60.47 2.10 0.00	66.04 2.44 0.00	68.01 2.36 0.00	69.97 2.46 0.00	77.34 2.95 0.00	80.56 2.80 0.00	81.59 2.67 -0.29	80.04 2.45 -1.75	72.22 2.16 -2.04	43.68 0.93 -13.69
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	66.94 0.80 0.00	53.37 0.44 0.00	51.92 0.48 0.00	48.09 0.44 0.00	55.65 0.67 0.00	58.99 0.59 0.00	82.56 0.80 0.00	70.12 0.50 -0.29	66.16 0.49 0.00	53.08 0.38 0.00	55.02 0.42 0.00	56.82 0.46 0.00	56.49 0.59 0.00	55.04 0.48 0.00	58.68 0.31 0.00	63.78 0.19 0.00	66.18 0.54 0.00	67.93 0.42 0.00	75.08 0.69 0.00	78.35 0.60 0.00	79.45 0.55 -0.27	77.87 0.43 -1.61	70.36 0.46 -1.88	41.84 0.16 -12.61

GOUDEY___7 23579	66.94 0.80 0.00	53.37 0.44 0.00	51.92 0.48 0.00	48.09 0.44 0.00	55.65 0.67 0.00	58.99 0.59 0.00	82.56 0.80 0.00	70.12 0.50 -0.29	66.16 0.49 0.00	53.08 0.38 0.00	55.02 0.42 0.00	56.82 0.46 0.00	56.49 0.59 0.00	55.04 0.48 0.00	58.68 0.31 0.00	63.78 0.19 0.00	66.18 0.54 0.00	67.93 0.42 0.00	75.08 0.69 0.00	78.35 0.60 0.00	79.45 0.55 -0.27	77.87 0.43 -1.61	70.36 0.46 -1.88	41.84 0.16 -12.61
GOUDEY___8 23580	66.94 0.80 0.00	53.37 0.44 0.00	51.92 0.48 0.00	48.09 0.44 0.00	55.65 0.67 0.00	58.99 0.59 0.00	82.56 0.80 0.00	70.12 0.50 -0.29	66.16 0.49 0.00	53.08 0.38 0.00	55.02 0.42 0.00	56.82 0.46 0.00	56.49 0.59 0.00	55.04 0.48 0.00	58.68 0.31 0.00	63.78 0.19 0.00	66.18 0.54 0.00	67.93 0.42 0.00	75.08 0.69 0.00	78.35 0.60 0.00	79.45 0.55 -0.27	77.87 0.43 -1.61	70.36 0.46 -1.88	41.84 0.16 -12.61
GOWANUS_GT1_1 24077	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT1_2 24078	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT1_3 24079	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT1_4 24080	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT1_5 24084	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT1_6 24111	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66															

GOWANUS_GT2_6 24119	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
GOWANUS_GT2_7 24120	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
GOWANUS_GT2_8 24121	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
GOWANUS_GT3_1 24122	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
GOWANUS_GT3_2 24123	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
GOWANUS_GT3_3 24124	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
GOWANUS_GT3_4 24125	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
GOWANUS_GT3_5 24126	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.															

GOWANUS_GT4_5 24134	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT4_6 24135	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT4_7 24136	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GOWANUS_GT4_8 24137	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GREATVR_69_KV_BK1 356245	71.67 5.36 -0.17	56.73 4.34 0.53	55.34 4.11 0.22	50.74 3.66 0.57	57.01 3.68 1.64	62.37 3.62 -0.35	93.46 4.15 -7.54	77.01 3.52 -4.15	75.12 3.88 -5.56	59.55 3.91 -2.94	61.62 5.16 -1.87	62.35 6.15 0.16	61.69 6.01 0.22	58.81 5.14 0.89	63.45 5.08 0.00	74.41 5.52 -5.29	76.46 5.26 -5.55	79.48 6.05 -5.91	88.51 7.09 -7.02	92.14 6.91 -7.48	94.74 7.05 -9.07	94.58 6.52 -12.22	81.25 5.46 -7.75	67.96 2.95 -35.95
GREENBSH_115KV_TB3 55895	66.65 0.51 0.00	53.49 0.56 0.00	51.97 0.52 0.00	48.21 0.56 0.00	55.52 0.56 0.00	59.07 0.67 0.00	82.94 1.18 0.00	70.35 1.02 0.00	66.59 0.91 0.00	53.30 0.60 0.00	55.10 0.51 0.00	56.83 0.47 0.00	56.32 0.42 0.00	55.12 0.56 0.00	59.23 0.86 0.00	64.91 1.32 0.00	66.92 1.27 0.00	68.83 1.32 0.00	75.80 1.40 0.00	79.35 1.60 0.00	81.15 1.62 -0.90	82.98 1.76 -5.37	75.88 1.61 -6.25	71.80 0.70 -42.04
GREENDGE_115KV_TB5 80291	66.16 0.03 0.00	52.67 -0.26 0.00	51.52 0.08 0.00	47.99 0.34 0.00	55.78 0.81 0.00	58.59 0.19 0.00	81.47 -0.29 0.00	63.20 -0.68 5.46	64.77 -0.90 0.00	51.90 -0.79 0.00	53.70 -0.89 0.00	55.22 -1.15 0.00	54.97 -0.93 0.00	53.78 -0.78 0.00	57.19 -1.18 0.00	62.64 -0.96 0.00	65.22 -0.43 0.00	66.54 -0.97 0.00	73.19 -1.21 0.00	76.01 -1.75 0.00	76.19 -2.62 -0.18	73.79 -3.11 -1.06	67.27 -1.98 -1.23	36.89 -0.47 -8.29
GREENIDGE___3 23582	66.16 0.03 0.00	52.67 -0.26 0.00	51.52 0.08 0.00	47.99 0.34 0.00	55.78 0.81 0.00	58.59 0.19 0.00	81.47 -0.29 0.00	63.20 -0.68 5.46	64.77 -0.90 0.00	51.90 -0.79 0.00	53.70 -0.89 0.00	55.22 -1.15 0.00	54.97 -0.93 0.00	53.78 -0.78 0.00	57.19 -1.18 0.00	62.64 -0.96 0.00	65.22 -0.43 0.00	66.54 -0.97 0.00	73.19 -1.21 0.00	76.01 -1.75 0.00	76.19 -2.62 -0.18	73.79 -3.11 -1.06	67.27 -1.98 -1.23	36.89 -0.47 -8.29
GREENIDGE___4 23583	66.60 0.05 -0.42	55.01 -0.28 -2.36	53.10 0.07 -1.59	50.03 0.33 -2.05	57.07 0.86 -1.24	59.14 0.18 -0.56	82.83 -0.29 -1.36	68.02 -0.70 0.62	69.87 -0.93 -5.12	51.87 -0.82 0.00	53.70 -0.88 0.00	55.20 -1.16 0.00	54.97 -0.94 0.00	53.77 -0.79 0.00	57.22 -1.15 0.00	62.64 -0.96 0.00	65.21 -0.44 0.00	66.53 -0.98 0.00	73.20 -1.20 0.00	76.03 -1.73 0.00	76.19 -2.62 -0.18	73.80 -3.10 -1.06	67.27 -1.99 -1.23	36.88 -0.48 -8.29
GREENLWN_69_KV_BK 3 55738	70.24 4.05 -0.05	55.62 3.51 0.81	54.36 3.15 0.24	49.80 2.79 0.64	55.85 2.72 1.84	60.44 2.45 0.41	75.34 2.25 8.67	66.72 2.15 4.77	61.54 2.26 6.40	51.92 2.61 3.39	56.47 3.97 2.08	61.25 5.08 0.19	60.68 5.03 0.25	57.82 4.26 1.00	62.24 3.88 0.00	61.26 3.75 6.09	62.80 3.53 6.38	64.89 4.18 6.80	71.30 4.98 8.08	73.95 4.79 8.60	75.01 5.13 8.75	76.48 4.64 4.00	71.75 3.55 -0.17	66.25 2.29 -34.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59
GRISSOM___SOLAR 323813	68.18 2.04 0.00	54.58 1.66 0.00	53.04 1.60 0.00	49.11 1.46 0.00	56.63 1.66 0.00	60.30 1.90 0.00	84.60 2.83 0.00	71.80 2.46 0.00	67.53 1.86 0.00	53.91 1.21 0.00	55.75 1.16 0.00	57.14 0.78 0.00	56.31 0.41 0.00	54.81 0.25 0.00	58.84 0.47 0.00	65.18 1.58 0.00	67.99 2.33 0.00	70.06 2.55 0.00	77.22 2.82 0.00	80.60 2.84 0.00	82.47 2.83 -1.01	84.69 2.80 -6.05	77.56 2.50 -7.03	77.40 1.03 -47.30
GROVEVILLE___HYD 323602	69.09 2.95 0.00	55.33 2.41 0.00	53.66 2.22 0.00	49.67 2.01 0.00	57.25 2.28 0.00	61.03 2.63 0.00	85.57 3.80 0.00	72.81 3.47 0.00	69.01 3.33 0.00	55.71 3.02 0.00	58.00 3.41 0.00	59.97 3.61 0.00	59.53 3.63 0.00	57.98 3.42 0.00	62.30 3.93 0.00	67.81 4.22 0.00	69.93 4.28 0.00	72.09 4.58 0.00	79.69 5.29 0.00	83.07 5.31 0.00	84.84 5.42 -0.78	85.57 5.04 -4.69	77.84 4.36 -5.46	67.63 1.85 -36.72
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	65.59 -0.55 0.00	52.43 -0.50 0.00	50.98 -0.47 0.00	47.22 -0.43 0.00	54.55 -0.43 0.00	57.95 -0.45 0.00	81.20 -0.56 0.00	68.84 -0.50 0.00	65.08 -0.59 0.00	52.06 -0.64 0.00	53.81 -0.78 0.00	55.53 -0.83 0.00	55.20 -0.71 0.00	53.86 -0.70 0.00	57.69 -0.68 0.00	63.01 -0.59 0.00	65.27 -0.38 0.00	67.18 -0.33 0.00	74.09 -0.30 0.00	77.33 -0.43 0.00	78.26 -0.46 -0.09	75.81 -0.54 -0.52	68.11 -0.51 -0.60	32.91 -0.20 -4.05
HAMLTNNY_34_KV_TB 80303	65.95 -0.18 0.00	52.67 -0.26 0.00	51.23 -0.21 0.00	47.46 -0.19 0.00	54.85 -0.12 0.00	58.26 -0.14 0.00	81.62 -0.14 0.00	69.14 -0.20 0.00	65.32 -0.35 0.00	52.12 -0.57 0.00	53.86 -0.73 0.00	55.59 -0.77 0.00	55.36 -0.54 0.00	54.06 -0.49 0.00	57.92 -0.45 0.00	63.28 -0.31 0.00	65.61 -0.04 0.00	67.50 -0.01 0.00	74.46 0.07 0.00	77.69 -0.07 0.00	78.63 -0.09 -0.09	76.17 -0.21 -0.54	68.41 -0.25 -0.63	33.24 -0.08 -4.25

HAMPSHIRE___PAPER_HYD 323593	68.14 2.00 0.00	54.09 1.17 0.00	52.62 1.17 0.00	48.56 0.91 0.00	56.17 1.20 0.00	59.24 0.84 0.00	82.24 0.48 0.00	69.76 0.42 0.00	66.50 0.83 0.00	53.19 0.49 0.00	54.90 0.31 0.00	56.54 0.17 0.00	54.78 -1.12 0.00	53.63 -0.93 0.00	57.41 -0.95 0.00	62.50 -1.10 0.00	64.92 -0.72 0.00	66.46 -1.05 0.00	72.82 -1.58 0.00	76.22 -1.54 0.00	77.51 -1.15 -0.03	74.72 -1.29 -0.16	66.49 -1.72 -0.19	29.31 -1.04 -1.29
HARDSCRABBLE_WT_PWR 323673	70.10 3.96 0.00	56.05 3.13 0.00	54.48 3.03 0.00	50.50 2.85 0.00	58.35 3.38 0.00	62.17 3.78 0.00	87.22 5.46 0.00	74.01 4.67 0.00	69.22 3.55 0.00	55.00 2.31 0.00	56.46 1.87 0.00	57.76 1.40 0.00	57.24 1.34 0.00	55.79 1.23 0.00	60.32 1.95 0.00	66.87 3.28 0.00	70.02 4.37 0.00	72.17 4.66 0.00	79.39 4.99 0.00	82.54 4.78 0.00	83.01 4.37 -0.01	80.73 4.82 -0.07	72.67 4.56 -0.08	31.46 1.86 -0.54
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	68.78 2.65 0.00	55.08 2.16 0.00	53.37 1.92 0.00	49.39 1.74 0.00	56.92 1.95 0.00	60.71 2.32 0.00	85.13 3.37 0.00	72.42 3.08 0.00	68.64 2.97 0.00	55.53 2.84 0.00	57.87 3.28 0.00	59.81 3.45 0.00	59.40 3.50 0.00	57.80 3.24 0.00	62.11 3.75 0.00	67.58 3.98 0.00	69.67 4.02 0.00	71.84 4.33 0.00	79.46 5.06 0.00	82.77 5.01 0.00	84.49 5.10 -0.76	85.04 4.67 -4.53	77.34 4.04 -5.27	66.21 1.73 -35.42
HARSNRAD_115KV_TB1 81005	66.30 0.16 0.00	52.48 -0.45 0.00	51.17 -0.28 0.00	47.34 -0.32 0.00	55.16 0.19 0.00	57.27 -1.13 0.00	78.47 -3.29 0.00	64.41 -3.43 1.49	62.99 -2.68 0.00	50.69 -2.01 0.00	52.82 -1.77 0.00	54.64 -1.73 0.00	54.91 -0.99 0.00	53.90 -0.66 0.00	57.45 -0.92 0.00	61.89 -1.71 0.00	63.62 -2.03 0.00	64.98 -2.53 0.00	71.59 -2.81 0.00	75.06 -2.70 0.00	76.06 -2.68 -0.11	73.62 -2.86 -0.64	66.67 -2.10 -0.74	33.10 -0.97 -5.00
HARZA MOOSE___RIVER 24016	68.00 1.86 0.00	54.32 1.40 0.00	52.87 1.42 0.00	48.88 1.23 0.00	56.52 1.55 0.00	60.13 1.73 0.00	84.30 2.54 0.00	71.58 2.25 0.00	67.75 2.08 0.00	54.04 1.35 0.00	55.42 0.83 0.00	56.92 0.56 0.00	55.98 0.08 0.00	54.64 0.09 0.00	58.64 0.27 0.00	64.44 0.84 0.00	67.23 1.58 0.00	69.04 1.53 0.00	75.74 1.34 0.00	79.05 1.30 0.00	79.94 1.28 -0.03	76.76 0.73 -0.19	68.53 0.28 -0.22	30.43 -0.11 -1.48
HDSNBRDG_115KV_BRDG_TB1 355580	65.16 -0.97 0.00	52.07 -0.85 0.00	50.64 -0.81 0.00	46.89 -0.76 0.00	54.18 -0.79 0.00	57.53 -0.87 0.00	80.59 -1.17 0.00	68.31 -1.03 0.00	64.66 -1.01 0.00	51.79 -0.90 0.00	53.55 -1.04 0.00	55.27 -1.09 0.00	54.93 -0.97 0.00	53.63 -0.93 0.00	57.44 -0.93 0.00	62.70 -0.90 0.00	64.87 -0.78 0.00	66.73 -0.78 0.00	73.57 -0.83 0.00	76.84 -0.91 0.00	77.72 -1.00 -0.08	75.28 -1.05 -0.49	67.65 -0.95 -0.57	32.52 -0.40 -3.85
HELLGATE_13_KV_LD 55870	69.16 3.02 0.00	55.60 2.67 0.00	53.86 2.41 0.00	49.84 2.19 0.00	57.26 2.29 0.00	61.00 2.61 0.00	85.28 3.52 0.00	72.85 3.51 0.00	69.11 3.44 0.00	56.15 3.46 0.00	58.77 4.18 0.00	60.82 4.45 0.00	60.43 4.53 0.00	58.76 4.20 0.00	62.99 4.62 0.00	68.15 4.56 0.00	70.08 4.43 0.00	72.26 4.75 0.00	79.84 5.44 0.00	83.09 5.33 0.00	84.96 5.55 -0.78	85.67 5.15 -4.68	77.91 4.45 -5.44	67.59 1.93 -36.59
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	69.16 3.02 0.00	55.60 2.67 0.00	53.86 2.41 0.00	49.84 2.19 0.00	57.26 2.29 0.00	61.00 2.61 0.00	85.28 3.52 0.00	72.85 3.51 0.00	69.11 3.44 0.00	56.15 3.46 0.00	58.77 4.18 0.00	60.82 4.45 0.00	60.43 4.53 0.00	58.76 4.20 0.00	62.99 4.62 0.00	68.15 4.56 0.00	70.08 4.43 0.00	72.26 4.75 0.00	79.84 5.44 0.00	83.09 5.33 0.00	84.96 5.55 -0.78	85.67 5.15 -4.68	77.91 4.45 -5.44	67.59 1.93 -36.59
HEMPSTEAD____ 23647	71.27 3.74 -1.40	60.41 3.07 -4.42	54.41 2.71 -0.26	50.73 2.40 -0.68	59.36 2.44 -1.95	60.81 2.40 -0.01	84.34 2.58 0.00	71.81 2.48 0.00	68.28 2.61 0.00	55.52 2.83 0.00	58.54 3.83 -0.12	61.59 4.73 -0.49	60.85 4.69 -0.26	59.72 4.11 -1.06	62.41 4.04 0.00	67.53 3.93 0.00	69.42 3.78 0.00	71.99 4.48 0.00	79.61 5.21 0.00	82.74 4.98 0.00	84.75 5.33 -0.79	85.35 4.83 -4.68	78.60 3.78 -6.80	69.12 2.19 -37.86
HICKLING___1 23621	66.00 -0.13 0.00	51.91 -1.01 0.00	50.64 -0.80 0.00	46.89 -0.76 0.00	54.97 0.00 0.00	57.78 -0.62 0.00	80.51 -1.25 0.00	62.83 -1.99 4.52	64.10 -1.57 0.00	51.50 -1.20 0.00	53.74 -0.85 0.00	55.67 -0.69 0.00	55.44 -0.46 0.00	53.93 -0.63 0.00	57.49 -0.88 0.00	62.62 -0.98 0.00	64.56 -1.09 0.00	65.62 -1.89 0.00	72.65 -1.75 0.00	75.68 -2.08 0.00	76.42 -2.40 -0.19	74.36 -2.60 -1.11	67.47 -1.85 -1.30	36.90 -0.88 -8.71
HICKLING___2 23622	66.00 -0.13 0.00	51.91 -1.01 0.00	50.64 -0.80 0.00	46.89 -0.76 0.00	54.97 0.00 0.00	57.78 -0.62 0.00	80.51 -1.25 0.00	62.83 -1.99 4.52	64.10 -1.57 0.00	51.50 -1.20 0.00	53.74 -0.85 0.00	55.67 -0.69 0.00	55.44 -0.46 0.00	53.93 -0.63 0.00	57.49 -0.88 0.00	62.62 -0.98 0.00	64.56 -1.09 0.00	65.62 -1.89 0.00	72.65 -1.75 0.00	75.68 -2.08 0.00	76.42 -2.40 -0.19	74.36 -2.60 -1.11	67.47 -1.85 -1.30	36.90 -0.88 -8.71
HIGH FALLS___HY 23754	69.36 3.23 0.00	55.54 2.62 0.00	53.87 2.42 0.00	49.83 2.18 0.00	57.43 2.46 0.00	61.24 2.85 0.00	85.92 4.16 0.00	73.16 3.82 0.00	69.35 3.68 0.00	56.02 3.32 0.00	58.20 3.61 0.00	59.93 3.56 0.00	59.36 3.46 0.00	57.48 2.92 0.00	61.89 3.52 0.00	67.50 3.90 0.00	69.80 4.15 0.00	72.07 4.56 0.00	79.75 5.36 0.00	83.10 5.34 0.00	84.89 5.48 -0.78	85.96 5.44 -4.69	78.19 4.71 -5.45	67.72 1.98 -36.67
HIGH_RIVER___SOLAR 323847	68.43 2.29 0.00	54.78 1.86 0.00	53.25 1.80 0.00	49.33 1.68 0.00	56.90 1.93 0.00	60.61 2.20 0.00	85.12 3.35 0.00	72.20 2.87 0.00	67.79 2.12 0.00	53.75 1.06 0.00	55.62 1.03 0.00	57.07 0.71 0.00	56.36 0.46 0.00	55.01 0.45 0.00	59.04 0.67 0.00	65.25 1.65 0.00	68.41 2.76 0.00	70.54 3.03 0.00	77.73 3.33 0.00	81.21 3.45 0.00	83.03 3.42 -0.98	84.99 3.28 -5.87	77.77 2.92 -6.82	76.18 1.20 -45.91
HILLBURN___GT 23639	68.48 2.35 0.00	54.85 1.93 0.00	53.12 1.68 0.00	49.15 1.50 0.00	56.64 1.67 0.00	60.44 2.04 0.00	84.67 2.90 0.00	72.05 2.72 0.00	68.30 2.63 0.00	55.34 2.64 0.00	57.77 3.18 0.00	59.81 3.44 0.00	59.41 3.51 0.00	57.75 3.19 0.00	61.96 3.59 0.00	67.23 3.63 0.00	69.26 3.60 0.00	71.44 3.93 0.00	79.04 4.64 0.00	82.29 4.53 0.00	84.03 4.63 -0.76	84.62 4.22 -4.56	77.02 3.69 -5.30	66.33 1.59 -35.68
HILLSIDE_115KV_TB1 80332	64.71 -1.43 0.00	50.86 -2.07 0.00	49.65 -1.80 0.00	45.95 -1.70 0.00	53.93 -1.05 0.00	56.67 -1.73 0.00	78.96 -2.80 0.00	61.48 -3.39 4.46	62.90 -2.78 0.00	50.74 -1.96 0.00	53.00 -1.58 0.00	54.98 -1.38 0.00	54.73 -1.17 0.00	53.15 -1.41 0.00	56.55 -1.81 0.00	61.47 -2.13 0.00	63.21 -2.44 0.00	64.21 -3.30 0.00	71.30 -3.09 0.00	74.28 -3.48 0.00	75.13 -3.70 -0.19	73.22 -3.77 -1.15	66.45 -2.92 -1.34	36.71 -1.35 -8.99

HISHELDN_WT_PWR 323625	66.52 0.43 0.05	52.26 -0.36 0.30	51.02 -0.22 0.20	47.14 -0.25 0.26	55.18 0.37 0.16	57.69 -0.64 0.07	79.54 -2.15 0.07	64.45 -2.54 2.35	63.62 -2.05 0.00	50.95 -1.75 0.00	53.20 -1.38 0.00	55.06 -1.31 0.00	55.19 -0.71 0.00	54.07 -0.49 0.00	57.62 -0.75 0.00	62.40 -1.19 0.00	64.39 -1.26 0.00	65.55 -1.96 0.00	72.27 -2.13 0.00	75.48 -2.28 0.00	76.24 -2.52 -0.13	73.81 -2.80 -0.77	66.87 -2.05 -0.89	34.09 -0.97 -5.99
HOLTSVILLE_IC_1 23690	70.67 4.53 0.00	55.51 3.82 1.24	54.58 3.42 0.29	49.93 3.03 0.75	55.86 3.04 2.15	61.69 2.79 -0.49	95.20 2.69 -10.76	77.52 2.26 -5.92	76.04 2.43 -7.94	59.75 2.85 -4.20	61.41 4.19 -2.64	61.49 5.38 0.25	60.83 5.22 0.29	57.73 4.34 1.17	62.44 4.07 0.00	75.21 4.06 -7.55	77.39 3.83 -7.92	80.42 4.47 -8.44	89.81 5.40 -10.02	93.62 5.20 -10.67	96.70 5.47 -12.60	96.24 4.97 -15.44	80.98 4.08 -8.88	67.40 2.54 -35.79
HOLTSVILLE_IC_10 23699	71.05 4.88 -0.04	55.93 4.09 1.08	54.85 3.67 0.27	50.21 3.26 0.71	56.25 3.31 2.03	61.90 3.10 -0.40	93.64 3.12 -8.76	76.74 2.58 -4.82	74.87 2.74 -6.46	59.23 3.12 -3.42	61.20 4.46 -2.15	61.80 5.67 0.23	61.12 5.49 0.28	58.04 4.58 1.11	62.71 4.34 0.00	74.16 4.42 -6.15	76.28 4.19 -6.45	79.27 4.89 -6.87	88.42 5.86 -8.16	92.12 5.67 -8.69	94.96 5.92 -10.40	94.67 5.40 -13.44	80.56 4.49 -8.04	67.53 2.70 -35.76
HOLTSVILLE_IC_2 23691	70.67 4.53 0.00	55.51 3.82 1.24	54.58 3.42 0.29	49.93 3.03 0.75	55.86 3.04 2.15	61.69 2.79 -0.49	95.20 2.69 -10.76	77.52 2.26 -5.92	76.04 2.43 -7.94	59.75 2.85 -4.20	61.41 4.19 -2.64	61.49 5.38 0.25	60.83 5.22 0.29	57.73 4.34 1.17	62.44 4.07 0.00	75.21 4.06 -7.55	77.39 3.83 -7.92	80.42 4.47 -8.44	89.81 5.40 -10.02	93.62 5.20 -10.67	96.70 5.47 -12.60	96.24 4.97 -15.44	80.98 4.08 -8.88	67.40 2.54 -35.79
HOLTSVILLE_IC_3 23692	70.67 4.53 0.00	55.51 3.82 1.24	54.58 3.42 0.29	49.93 3.03 0.75	55.86 3.04 2.15	61.69 2.79 -0.49	95.20 2.69 -10.76	77.52 2.26 -5.92	76.04 2.43 -7.94	59.75 2.85 -4.20	61.41 4.19 -2.64	61.49 5.38 0.25	60.83 5.22 0.29	57.73 4.34 1.17	62.44 4.07 0.00	75.21 4.06 -7.55	77.39 3.83 -7.92	80.42 4.47 -8.44	89.81 5.40 -10.02	93.62 5.20 -10.67	96.70 5.47 -12.60	96.24 4.97 -15.44	80.98 4.08 -8.88	67.40 2.54 -35.79
HOLTSVILLE_IC_4 23693	70.67 4.53 0.00	55.51 3.82 1.24	54.58 3.42 0.29	49.93 3.03 0.75	55.86 3.04 2.15	61.69 2.79 -0.49	95.20 2.69 -10.76	77.52 2.26 -5.92	76.04 2.43 -7.94	59.75 2.85 -4.20	61.41 4.19 -2.64	61.49 5.38 0.25	60.83 5.22 0.29	57.73 4.34 1.17	62.44 4.07 0.00	75.21 4.06 -7.55	77.39 3.83 -7.92	80.42 4.47 -8.44	89.81 5.40 -10.02	93.62 5.20 -10.67	96.70 5.47 -12.60	96.24 4.97 -15.44	80.98 4.08 -8.88	67.40 2.54 -35.79
HOLTSVILLE_IC_5 23694	70.67 4.53 0.00	55.51 3.82 1.24	54.58 3.42 0.29	49.93 3.03 0.75	55.86 3.04 2.15	61.69 2.79 -0.49	95.20 2.69 -10.76	77.52 2.26 -5.92	76.04 2.43 -7.94	59.75 2.85 -4.20	61.41 4.19 -2.64	61.49 5.38 0.25	60.83 5.22 0.29	57.73 4.34 1.17	62.44 4.07 0.00	75.21 4.06 -7.55	77.39 3.83 -7.92	80.42 4.47 -8.44	89.81 5.40 -10.02	93.62 5.20 -10.67	96.70 5.47 -12.60	96.24 4.97 -15.44	80.98 4.08 -8.88	67.40 2.54 -35.79
HOLTSVILLE_IC_6 23695	71.05 4.88 -0.04	55.93 4.09 1.08	54.85 3.67 0.27	50.21 3.26 0.71	56.25 3.31 2.03	61.90 3.10 -0.40	93.64 3.12 -8.76	76.74 2.58 -4.82	74.87 2.74 -6.46	59.23 3.12 -3.42	61.20 4.46 -2.15	61.80 5.67 0.23	61.12 5.49 0.28	58.04 4.58 1.11	62.71 4.34 0.00	74.16 4.42 -6.15	76.28 4.19 -6.45	79.27 4.89 -6.87	88.42 5.86 -8.16	92.12 5.67 -8.69	94.96 5.92 -10.40	94.67 5.40 -13.44	80.56 4.49 -8.04	67.53 2.70 -35.76
HOLTSVILLE_IC_7 23696	71.05 4.88 -0.04	55.93 4.09 1.08	54.85 3.67 0.27	50.21 3.26 0.71	56.25 3.31 2.03	61.90 3.10 -0.40	93.64 3.12 -8.76	76.74 2.58 -4.82	74.87 2.74 -6.46	59.23 3.12 -3.42	61.20 4.46 -2.15	61.80 5.67 0.23	61.12 5.49 0.28	58.04 4.58 1.11	62.71 4.34 0.00	74.16 4.42 -6.15	76.28 4.19 -6.45	79.27 4.89 -6.87	88.42 5.86 -8.16	92.12 5.67 -8.69	94.96 5.92 -10.40	94.67 5.40 -13.44	80.56 4.49 -8.04	67.53 2.70 -35.76
HOLTSVILLE_IC_8 23697	71.05 4.88 -0.04	55.93 4.09 1.08	54.85 3.67 0.27	50.21 3.26 0.71	56.25 3.31 2.03	61.90 3.10 -0.40	93.64 3.12 -8.76	76.74 2.58 -4.82	74.87 2.74 -6.46	59.23 3.12 -3.42	61.20 4.46 -2.15	61.80 5.67 0.23	61.12 5.49 0.28	58.04 4.58 1.11	62.71 4.34 0.00	74.16 4.42 -6.15	76.28 4.19 -6.45	79.27 4.89 -6.87	88.42 5.86 -8.16	92.12 5.67 -8.69	94.96 5.92 -10.40	94.67 5.40 -13.44	80.56 4.49 -8.04	67.53 2.70 -35.76
HOLTSVILLE_IC_9 23698	71.05 4.88 -0.04	55.93 4.09 1.08	54.85 3.67 0.27	50.21 3.26 0.71	56.25 3.31 2.03	61.90 3.10 -0.40	93.64 3.12 -8.76	76.74 2.58 -4.82	74.87 2.74 -6.46	59.23 3.12 -3.42	61.20 4.46 -2.15	61.80 5.67 0.23	61.12 5.49 0.28	58.04 4.58 1.11	62.71 4.34 0.00	74.16 4.42 -6.15	76.28 4.19 -6.45	79.27 4.89 -6.87	88.42 5.86 -8.16	92.12 5.67 -8.69	94.96 5.92 -10.40	94.67 5.40 -13.44	80.56 4.49 -8.04	67.53 2.70 -35.76
HOMER_HL_115KV_TB2 355744	67.25 1.11 0.00	53.08 0.15 0.00	51.60 0.16 0.00	47.75 0.10 0.00	55.78 0.81 0.00	58.28 -0.11 0.00	80.49 -1.27 0.00	65.60 -1.66 2.07	64.49 -1.18 0.00	52.02 -0.67 0.00	54.64 0.05 0.00	56.62 0.26 0.00	56.69 0.79 0.00	55.34 0.78 0.00	58.81 0.44 0.00	63.43 -0.16 0.00	65.28 -0.36 0.00	66.22 -1.29 0.00	73.21 -1.19 0.00	76.49 -1.27 0.00	77.66 -1.11 -0.13	75.33 -1.28 -0.77	68.28 -0.65 -0.90	34.62 -0.51 -6.06
HOWARD_WT_PWR 323690	67.57 1.23 -0.21	54.25 0.15 -1.18	52.47 0.22 -0.79	48.84 0.16 -1.03	56.68 1.09 -0.62	59.15 0.47 -0.28	82.71 0.02 -0.93	67.98 -0.79 0.57	68.96 -0.82 -4.11	51.59 -1.11 0.00	53.84 -0.75 0.00	55.66 -0.70 0.00	55.52 -0.38 0.00	54.19 -0.36 0.00	57.84 -0.53 0.00	63.10 -0.50 0.00	65.41 -0.24 0.00	66.37 -1.14 0.00	72.96 -1.44 0.00	75.79 -1.97 0.00	75.91 -2.88 -0.16	74.05 -2.78 -0.99	67.35 -1.82 -1.14	36.09 -0.68 -7.70
HQ_GEN_CEDARS 23644	69.63 3.50 0.00	55.02 2.10 0.00	53.46 2.01 0.00	49.30 1.65 0.00	57.22 2.25 0.00	60.41 2.01 0.00	83.23 1.47 0.00	70.29 0.96 0.00	67.38 1.71 0.00	54.26 1.56 0.00	56.66 2.07 0.00	58.75 2.38 0.00	56.41 0.51 0.00	55.40 0.84 0.00	59.19 0.82 0.00	63.64 0.04 0.00	65.44 -0.20 0.00	66.89 -0.61 0.00	73.27 -1.12 0.00	77.08 -0.68 0.00	78.65 0.00 -0.01	75.69 -0.24 -0.09	67.32 -0.80 -0.10	29.04 -0.70 -0.68
HQ_GEN_CEDARS_PROXY 323590	69.63 3.50 0.00	55.02 2.10 0.00	53.47 2.02 0.00	49.32 1.67 0.00	56.50 2.25 0.72	60.41 2.01 0.00	83.23 1.47 0.00	70.29 0.96 0.00	67.38 1.71 0.00	54.26 1.56 0.00	56.66 2.07 0.00	58.74 2.38 0.00	56.41 0.51 0.00	55.40 0.85 0.00	59.19 0.82 0.00	63.64 0.04 0.00	65.44 -0.21 0.00	66.90 -0.61 0.00	73.28 -1.12 0.00	77.08 -0.68 0.00	78.68 0.03 -0.01	75.80 -0.13 -0.09	67.32 -0.80 -0.10	29.04 -0.70 -0.68

HQ_GEN_IMPORT 323601	66.14 0.00 0.00	52.92 0.00 0.00	51.45 0.00 0.00	47.65 0.00 0.00	54.97 0.00 0.00	58.40 0.00 0.00	81.76 0.00 0.00	69.34 0.00 0.00	65.59 0.00 0.08	52.69 0.00 0.00	54.70 0.00 -0.11	57.04 0.00 -0.68	55.90 0.00 0.00	54.56 0.00 0.00	58.37 0.00 0.00	63.60 0.00 0.00	65.65 0.00 0.00	67.51 0.00 0.00	74.39 0.00 0.00	77.76 0.00 0.00	96.40 0.00 -17.77	75.84 0.00 0.00	68.03 0.00 0.00	29.07 0.00 0.00
HQ_GEN_WHEEL 23651	66.14 0.00 0.00	52.92 0.00 0.00	51.45 0.00 0.00	47.65 0.00 0.00	54.97 0.00 0.00	58.40 0.00 0.00	81.76 0.00 0.00	69.34 0.00 0.00	65.59 0.00 0.08	52.69 0.00 0.00	54.70 0.00 -0.11	57.04 0.00 -0.68	55.90 0.00 0.00	54.56 0.00 0.00	58.37 0.00 0.00	63.60 0.00 0.00	65.65 0.00 0.00	67.51 0.00 0.00	74.39 0.00 0.00	77.76 0.00 0.00	96.40 0.00 -17.77	75.84 0.00 0.00	68.03 0.00 0.00	29.07 0.00 0.00
HUDSON AVE_GT_3 23810	68.78 2.64 0.00	55.14 2.22 0.00	53.45 2.00 0.00	49.47 1.82 0.00	56.94 1.97 0.00	60.74 2.34 0.00	85.00 3.24 0.00	72.47 3.13 0.00	68.77 3.10 0.00	55.86 3.16 0.00	58.43 3.84 0.00	60.47 4.11 0.00	60.11 4.21 0.00	58.43 3.87 0.00	62.64 4.27 0.00	67.86 4.27 0.00	69.78 4.13 0.00	71.96 4.45 0.00	79.52 5.12 0.00	82.78 5.02 0.00	84.66 5.24 -0.78	85.36 4.84 -4.68	77.70 4.23 -5.44	67.46 1.81 -36.59
HUDSON AVE_GT_4 23540	68.78 2.64 0.00	55.14 2.22 0.00	53.45 2.00 0.00	49.47 1.82 0.00	56.94 1.97 0.00	60.74 2.34 0.00	85.00 3.24 0.00	72.47 3.13 0.00	68.77 3.10 0.00	55.86 3.16 0.00	58.43 3.84 0.00	60.47 4.11 0.00	60.11 4.21 0.00	58.43 3.87 0.00	62.64 4.27 0.00	67.86 4.27 0.00	69.78 4.13 0.00	71.96 4.45 0.00	79.52 5.12 0.00	82.78 5.02 0.00	84.66 5.24 -0.78	85.36 4.84 -4.68	77.70 4.23 -5.44	67.46 1.81 -36.59
HUDSON AVE_GT_5 23657	68.78 2.64 0.00	55.14 2.22 0.00	53.45 2.00 0.00	49.47 1.82 0.00	56.94 1.97 0.00	60.74 2.34 0.00	85.00 3.24 0.00	72.47 3.13 0.00	68.77 3.10 0.00	55.86 3.16 0.00	58.43 3.84 0.00	60.47 4.11 0.00	60.11 4.21 0.00	58.43 3.87 0.00	62.64 4.27 0.00	67.86 4.27 0.00	69.78 4.13 0.00	71.96 4.45 0.00	79.52 5.12 0.00	82.78 5.02 0.00	84.66 5.24 -0.78	85.36 4.84 -4.68	77.70 4.23 -5.44	67.46 1.81 -36.59
HUDSON_AVE_10 24168	68.48 2.34 0.00	54.93 2.00 0.00	53.23 1.78 0.00	49.26 1.61 0.00	56.71 1.74 0.00	60.53 2.13 0.00	84.72 2.96 0.00	72.21 2.87 0.00	68.49 2.82 0.00	55.66 2.96 0.00	58.21 3.63 0.00	60.24 3.88 0.00	59.86 3.96 0.00	58.21 3.66 0.00	62.38 4.02 0.00	67.58 3.98 0.00	69.49 3.84 0.00	71.69 4.18 0.00	79.23 4.83 0.00	82.42 4.66 0.00	84.27 4.85 -0.78	85.00 4.49 -4.68	77.52 4.05 -5.44	67.31 1.66 -36.59
HUDSON___115KV_TB 4 355613	69.97 3.83 0.00	56.04 3.11 0.00	54.44 3.00 0.00	50.56 2.91 0.00	58.32 3.35 0.00	62.17 3.77 0.00	87.66 5.89 0.00	74.57 5.23 0.00	70.12 4.44 0.00	55.60 2.90 0.00	57.34 2.75 0.00	58.34 1.98 0.00	57.37 1.46 0.00	55.99 1.43 0.00	60.36 1.99 0.00	67.21 3.62 0.00	70.32 4.67 0.00	72.88 5.37 0.00	80.38 5.99 0.00	84.03 6.27 0.00	85.72 6.22 -0.87	86.77 5.74 -5.19	79.07 5.01 -6.04	71.66 1.99 -40.61
HUNTER MOUNT___DRP 323613	69.69 3.55 0.00	55.83 2.91 0.00	54.26 2.81 0.00	50.39 2.74 0.00	58.12 3.15 0.00	61.94 3.55 0.00	87.35 5.59 0.00	74.27 4.93 0.00	69.84 4.17 0.00	55.40 2.71 0.00	57.07 2.48 0.00	58.09 1.72 0.00	57.16 1.26 0.00	55.81 1.25 0.00	60.19 1.83 0.00	67.01 3.42 0.00	70.11 4.46 0.00	72.57 5.06 0.00	80.01 5.62 0.00	83.66 5.90 0.00	85.31 5.82 -0.86	86.35 5.37 -5.14	78.67 4.67 -5.98	71.13 1.84 -40.22
HUNTINGTON_RES_REC 323705	70.63 4.48 -0.02	55.73 3.82 1.02	54.60 3.42 0.26	49.99 3.03 0.69	56.00 3.02 1.99	61.03 2.74 0.11	82.16 2.63 2.24	70.36 2.25 1.23	66.34 2.32 1.65	54.55 2.72 0.88	58.17 4.10 0.52	61.47 5.33 0.22	60.82 5.18 0.27	57.78 4.31 1.08	62.33 3.96 0.00	65.94 3.92 1.57	67.69 3.69 1.65	70.13 4.37 1.75	77.53 5.22 2.08	80.58 5.04 2.22	82.27 5.32 1.68	83.10 4.83 -2.44	74.96 3.91 -3.03	66.68 2.44 -35.17
HUNTLEY___63 23557	66.78 0.64 0.00	52.83 -0.09 0.00	51.48 0.03 0.00	47.63 -0.02 0.00	55.45 0.48 0.00	57.65 -0.75 0.00	79.06 -2.71 0.00	64.88 -2.87 1.58	63.59 -2.08 0.00	51.09 -1.61 0.00	53.28 -1.31 0.00	55.12 -1.25 0.00	55.36 -0.54 0.00	54.35 -0.21 0.00	57.90 -0.46 0.00	62.30 -1.30 0.00	63.93 -1.72 0.00	65.28 -2.23 0.00	71.93 -2.46 0.00	75.41 -2.35 0.00	76.38 -2.36 -0.11	73.93 -2.57 -0.66	67.05 -1.75 -0.77	33.44 -0.79 -5.17
HUNTLEY___64 23558	66.78 0.64 0.00	52.83 -0.09 0.00	51.48 0.03 0.00	47.63 -0.02 0.00	55.45 0.48 0.00	57.65 -0.75 0.00	79.06 -2.71 0.00	64.88 -2.87 1.58	63.59 -2.08 0.00	51.09 -1.61 0.00	53.28 -1.31 0.00	55.12 -1.25 0.00	55.36 -0.54 0.00	54.35 -0.21 0.00	57.90 -0.46 0.00	62.30 -1.30 0.00	63.93 -1.72 0.00	65.28 -2.23 0.00	71.93 -2.46 0.00	75.41 -2.35 0.00	76.38 -2.36 -0.11	73.93 -2.57 -0.66	67.05 -1.75 -0.77	33.44 -0.79 -5.17
HUNTLEY___65 23559	66.78 0.64 0.00	52.83 -0.09 0.00	51.48 0.03 0.00	47.63 -0.02 0.00	55.45 0.48 0.00	57.65 -0.75 0.00	79.06 -2.71 0.00	64.88 -2.87 1.58	63.59 -2.08 0.00	51.09 -1.61 0.00	53.28 -1.31 0.00	55.12 -1.25 0.00	55.36 -0.54 0.00	54.35 -0.21 0.00	57.90 -0.46 0.00	62.30 -1.30 0.00	63.93 -1.72 0.00	65.28 -2.23 0.00	71.93 -2.46 0.00	75.41 -2.35 0.00	76.38 -2.36 -0.11	73.93 -2.57 -0.66	67.05 -1.75 -0.77	33.44 -0.79 -5.17
HUNTLEY___66 23560	66.78 0.64 0.00	52.83 -0.09 0.00	51.48 0.03 0.00	47.63 -0.02 0.00	55.45 0.48 0.00	57.65 -0.75 0.00	79.06 -2.71 0.00	64.88 -2.87 1.58	63.59 -2.08 0.00	51.09 -1.61 0.00	53.28 -1.31 0.00	55.12 -1.25 0.00	55.36 -0.54 0.00	54.35 -0.21 0.00	57.90 -0.46 0.00	62.30 -1.30 0.00	63.93 -1.72 0.00	65.28 -2.23 0.00	71.93 -2.46 0.00	75.41 -2.35 0.00	76.38 -2.36 -0.11	73.93 -2.57 -0.66	67.05 -1.75 -0.77	33.44 -0.79 -5.17
HUNTLEY___67 23561	66.32 0.18 0.00	52.47 -0.46 0.00	51.13 -0.32 0.00	47.30 -0.35 0.00	55.09 0.12 0.00	57.36 -1.04 0.00	78.71 -3.05 0.00	64.50 -3.24 1.60	63.19 -2.48 0.00	50.87 -1.83 0.00	53.12 -1.47 0.00	54.97 -1.39 0.00	55.23 -0.67 0.00	54.19 -0.37 0.00	57.74 -0.63 0.00	62.14 -1.45 0.00	63.82 -1.83 0.00	65.12 -2.39 0.00	71.75 -2.65 0.00	75.14 -2.61 0.00	76.16 -2.59 -0.11	73.72 -2.79 -0.67	66.83 -1.98 -0.78	33.40 -0.93 -5.27
HUNTLEY___68 23562	66.32 0.18 0.00	52.47 -0.46 0.00	51.13 -0.32 0.00	47.30 -0.35 0.00	55.09 0.12 0.00	57.36 -1.04 0.00	78.71 -3.05 0.00	64.50 -3.24 1.60	63.19 -2.48 0.00	50.87 -1.83 0.00	53.12 -1.47 0.00	54.97 -1.39 0.00	55.23 -0.67 0.00	54.19 -0.37 0.00	57.74 -0.63 0.00	62.14 -1.45 0.00	63.82 -1.83 0.00	65.12 -2.39 0.00	71.75 -2.65 0.00	75.14 -2.61 0.00	76.16 -2.59 -0.11	73.72 -2.79 -0.67	66.83 -1.98 -0.78	33.40 -0.93 -5.27



HYLAND___LFGE 323620	70.32 4.10 -0.09	55.98 2.55 -0.50	54.37 2.59 -0.34	50.43 2.35 -0.43	58.59 3.36 -0.26	61.64 3.13 -0.12	86.17 4.06 -0.34	71.22 3.11 1.23	69.64 2.53 -1.44	52.82 0.13 0.00	54.88 0.29 0.00	56.71 0.34 0.00	56.63 0.73 0.00	55.44 0.88 0.00	59.22 0.85 0.00	64.62 1.03 0.00	68.10 2.45 0.00	70.45 2.94 0.00	77.80 3.40 0.00	81.47 3.71 0.00	82.11 3.34 -0.13	79.28 2.67 -0.77	71.47 2.54 -0.90	36.07 0.95 -6.06
INDECK___CORINTH 23802	70.01 3.87 0.00	56.18 3.26 0.00	54.65 3.20 0.00	50.77 3.12 0.00	58.67 3.70 0.00	62.66 4.26 0.00	88.33 6.57 0.00	74.49 5.15 0.00	70.53 4.86 0.00	56.19 3.50 0.00	57.80 3.21 0.00	59.58 3.22 0.00	58.84 2.94 0.00	57.58 3.03 0.00	61.98 3.61 0.00	68.44 4.84 0.00	70.98 5.34 0.00	73.05 5.54 0.00	80.43 6.03 0.00	84.33 6.57 0.00	86.08 6.52 -0.93	87.74 6.35 -5.55	80.35 5.87 -6.45	74.82 2.34 -43.42
INDECK___ILION 23567	68.42 2.28 0.00	54.72 1.80 0.00	53.20 1.75 0.00	49.30 1.65 0.00	56.92 1.95 0.00	60.58 2.18 0.00	84.92 3.16 0.00	72.07 2.73 0.00	67.77 2.10 0.00	54.09 1.40 0.00	55.74 1.16 0.00	57.27 0.90 0.00	56.75 0.85 0.00	55.35 0.79 0.00	59.58 1.22 0.00	65.58 1.99 0.00	68.22 2.57 0.00	70.26 2.75 0.00	77.32 2.92 0.00	80.64 2.88 0.00	81.34 2.70 -0.01	78.80 2.89 -0.07	70.76 2.65 -0.08	30.68 1.08 -0.54
INDECK___OLEAN 23982	66.83 1.12 0.43	50.64 0.13 2.42	49.96 0.14 1.63	45.64 0.08 2.10	54.52 0.82 1.27	57.70 -0.12 0.57	78.99 -1.26 1.51	59.80 -1.67 7.87	58.36 -1.19 6.12	52.02 -0.67 0.00	54.64 0.06 0.00	56.60 0.24 0.00	56.68 0.78 0.00	55.33 0.77 0.00	58.81 0.44 0.00	63.45 -0.15 0.00	65.27 -0.38 0.00	66.19 -1.31 0.00	73.21 -1.18 0.00	76.48 -1.28 0.00	77.65 -1.11 -0.13	75.20 -1.41 -0.77	68.26 -0.66 -0.90	34.62 -0.51 -6.06
INDECK___OSWEGO 23783	64.22 -1.92 0.00	51.34 -1.58 0.00	49.94 -1.51 0.00	46.25 -1.41 0.00	53.40 -1.57 0.00	56.71 -1.69 0.00	79.45 -2.31 0.00	67.39 -1.95 0.00	63.77 -1.90 0.00	51.07 -1.62 0.00	52.76 -1.83 0.00	54.38 -1.99 0.00	54.00 -1.90 0.00	52.69 -1.87 0.00	56.37 -2.00 0.00	61.27 -2.33 0.00	63.30 -2.35 0.00	65.72 -1.79 0.00	72.57 -1.83 0.00	75.68 -2.08 0.00	76.51 -2.19 -0.07	74.02 -2.23 -0.40	66.49 -2.01 -0.47	31.38 -0.84 -3.16
INDECK___YERKES 23781	66.53 0.68 0.29	51.24 -0.05 1.64	50.40 0.05 1.10	46.24 0.01 1.42	54.63 0.53 0.86	57.30 -0.71 0.39	78.22 -2.63 0.92	61.73 -2.82 4.78	60.27 -2.02 3.38	51.13 -1.57 0.00	53.32 -1.27 0.00	55.13 -1.23 0.00	55.40 -0.50 0.00	54.40 -0.16 0.00	57.96 -0.41 0.00	62.38 -1.22 0.00	63.96 -1.68 0.00	65.31 -2.21 0.00	72.00 -2.39 0.00	75.47 -2.29 0.00	76.45 -2.29 -0.11	73.89 -2.61 -0.66	67.08 -1.71 -0.77	33.48 -0.76 -5.17
INDIAN POINT_GT_1 24139	68.36 2.22 0.00	54.78 1.86 0.00	53.09 1.64 0.00	49.14 1.49 0.00	56.61 1.63 0.00	60.34 1.94 0.00	84.50 2.74 0.00	71.92 2.59 0.00	68.20 2.53 0.00	55.24 2.55 0.00	57.66 3.08 0.00	59.69 3.33 0.00	59.29 3.39 0.00	57.66 3.10 0.00	61.86 3.49 0.00	67.15 3.55 0.00	69.14 3.49 0.00	71.30 3.79 0.00	78.85 4.45 0.00	82.13 4.37 0.00	83.91 4.50 -0.78	84.63 4.14 -4.65	77.04 3.60 -5.41	67.01 1.56 -36.39
INDIAN POINT_GT_2 23659	68.36 2.22 0.00	54.78 1.86 0.00	53.09 1.64 0.00	49.14 1.49 0.00	56.61 1.63 0.00	60.34 1.94 0.00	84.50 2.74 0.00	71.92 2.59 0.00	68.20 2.53 0.00	55.24 2.55 0.00	57.66 3.08 0.00	59.69 3.33 0.00	59.29 3.39 0.00	57.66 3.10 0.00	61.86 3.49 0.00	67.15 3.55 0.00	69.14 3.49 0.00	71.30 3.79 0.00	78.85 4.45 0.00	82.13 4.37 0.00	83.91 4.50 -0.78	84.63 4.14 -4.65	77.04 3.60 -5.41	67.01 1.56 -36.39
INDIAN POINT_GT_3 24019	68.36 2.22 0.00	54.78 1.86 0.00	53.09 1.64 0.00	49.14 1.49 0.00	56.61 1.63 0.00	60.34 1.94 0.00	84.50 2.74 0.00	71.92 2.59 0.00	68.20 2.53 0.00	55.24 2.55 0.00	57.66 3.08 0.00	59.69 3.33 0.00	59.29 3.39 0.00	57.66 3.10 0.00	61.86 3.49 0.00	67.15 3.55 0.00	69.14 3.49 0.00	71.30 3.79 0.00	78.85 4.45 0.00	82.13 4.37 0.00	83.91 4.50 -0.78	84.63 4.14 -4.65	77.04 3.60 -5.41	67.01 1.56 -36.39
INDIAN POINT___2 23530	68.33 2.19 0.00	54.76 1.83 0.00	53.05 1.60 0.00	49.09 1.44 0.00	56.56 1.58 0.00	60.31 1.92 0.00	84.48 2.72 0.00	71.89 2.55 0.00	68.16 2.49 0.00	55.20 2.50 0.00	57.64 3.05 0.00	59.67 3.31 0.00	59.28 3.37 0.00	57.64 3.08 0.00	61.84 3.47 0.00	67.08 3.49 0.00	69.10 3.45 0.00	71.25 3.74 0.00	78.81 4.41 0.00	82.06 4.30 0.00	83.84 4.43 -0.77	84.52 4.06 -4.62	76.95 3.55 -5.37	66.73 1.54 -36.13
INDIAN POINT___3 23531	68.33 2.19 0.00	54.76 1.83 0.00	53.06 1.61 0.00	49.10 1.45 0.00	56.56 1.59 0.00	60.32 1.93 0.00	84.49 2.73 0.00	71.89 2.55 0.00	68.16 2.49 0.00	55.19 2.50 0.00	57.62 3.04 0.00	59.65 3.29 0.00	59.26 3.36 0.00	57.63 3.07 0.00	61.83 3.46 0.00	67.10 3.51 0.00	69.09 3.45 0.00	71.24 3.73 0.00	78.78 4.39 0.00	82.06 4.30 0.00	83.84 4.43 -0.78	84.56 4.07 -4.65	76.98 3.54 -5.41	67.00 1.54 -36.39
INGHAM_C_115KV_TB7 356103	71.07 4.93 0.00	56.81 3.89 0.00	55.22 3.77 0.00	51.19 3.54 0.00	59.19 4.22 0.00	63.10 4.70 0.00	88.52 6.76 0.00	75.12 5.78 0.00	70.03 4.36 0.00	55.52 2.82 0.00	56.84 2.25 0.00	58.00 1.63 0.00	57.49 1.59 0.00	56.00 1.45 0.00	60.68 2.31 0.00	67.59 4.00 0.00	71.02 5.37 0.00	73.32 5.81 0.00	80.73 6.33 0.00	83.98 6.22 0.00	84.50 5.86 -0.01	82.20 6.29 -0.07	73.89 5.78 -0.08	31.97 2.37 -0.54
IP CORINTH___1 23988	70.01 3.87 0.00	56.18 3.25 0.00	54.65 3.20 0.00	50.77 3.12 0.00	58.67 3.70 0.00	62.65 4.26 0.00	88.33 6.58 0.00	74.49 5.15 0.00	70.53 4.86 0.00	56.19 3.50 0.00	57.80 3.21 0.00	59.58 3.22 0.00	58.84 2.94 0.00	57.59 3.03 0.00	61.98 3.61 0.00	68.44 4.84 0.00	70.98 5.34 0.00	73.05 5.54 0.00	80.42 6.02 0.00	84.32 6.56 0.00	86.08 6.52 -0.93	87.74 6.35 -5.55	80.35 5.87 -6.45	74.82 2.35 -43.42
IP___TICONDEROGA 23804	72.71 6.58 0.00	58.71 5.79 0.00	56.89 5.44 0.00	52.97 5.32 0.00	61.35 6.38 0.00	65.91 7.51 0.00	93.30 11.54 0.00	77.24 7.91 0.00	73.65 7.98 0.00	58.47 5.78 0.00	59.96 5.37 0.00	62.07 5.70 0.00	61.24 5.34 0.00	60.49 5.93 0.00	64.91 6.54 0.00	72.03 8.43 0.00	75.47 9.82 0.00	77.66 10.15 0.00	85.41 11.01 0.00	89.83 12.07 0.00	90.69 11.13 -0.93	92.00 10.62 -5.55	84.60 10.12 -6.45	76.34 3.90 -43.37
ISLIP_RES_REC 323679	71.31 5.11 -0.07	56.21 4.25 0.96	55.03 3.84 0.26	50.42 3.45 0.68	56.53 3.51 1.95	62.10 3.32 -0.39	93.70 3.44 -8.50	76.89 2.87 -4.68	74.98 3.03 -6.27	59.37 3.36 -3.32	61.39 4.71 -2.09	62.05 5.90 0.22	61.33 5.69 0.26	58.27 4.77 1.06	62.95 4.58 0.00	74.30 4.74 -5.96	76.42 4.52 -6.25	79.42 5.25 -6.66	88.58 6.26 -7.91	92.25 6.06 -8.43	95.05 6.30 -10.12	94.73 5.71 -13.17	80.79 4.78 -7.98	67.67 2.81 -35.80

JAMAICA__27_KV_LOAD 355505	68.96 2.83 0.00	55.27 2.34 0.00	53.56 2.12 0.00	49.59 1.94 0.00	57.10 2.13 0.00	60.94 2.54 0.00	85.43 3.67 0.00	72.85 3.51 0.00	68.98 3.30 0.00	56.12 3.43 0.00	58.72 4.13 0.00	60.71 4.34 0.00	60.27 4.37 0.00	58.62 4.06 0.00	62.77 4.41 0.00	68.02 4.42 0.00	69.98 4.33 0.00	72.21 4.70 0.00	79.89 5.49 0.00	83.13 5.37 0.00	84.84 5.43 -0.78	85.59 5.07 -4.68	78.43 4.96 -5.44	67.36 1.71 -36.59
JANIS__SOLAR 323808	69.49 3.20 -0.15	56.17 2.37 -0.88	54.37 2.33 -0.59	50.61 2.20 -0.77	58.19 2.76 -0.46	61.63 3.02 -0.21	86.90 4.65 -0.49	77.16 3.94 -3.87	70.20 2.71 -1.81	54.22 1.53 0.00	55.41 0.83 0.00	57.06 0.70 0.00	56.80 0.89 0.00	55.37 0.81 0.00	59.60 1.23 0.00	65.83 2.23 0.00	69.35 3.70 0.00	71.61 4.10 0.00	79.09 4.69 0.00	82.22 4.46 0.00	82.91 4.04 -0.23	80.66 3.44 -1.38	72.63 3.01 -1.60	41.07 1.23 -10.78
JARVIS____ 23743	66.41 0.28 0.00	53.19 0.27 0.00	51.71 0.26 0.00	47.89 0.24 0.00	55.24 0.27 0.00	58.69 0.29 0.00	82.17 0.41 0.00	69.69 0.35 0.00	65.99 0.31 0.00	52.91 0.21 0.00	54.79 0.21 0.00	56.53 0.17 0.00	56.07 0.17 0.00	54.72 0.16 0.00	58.60 0.24 0.00	63.98 0.38 0.00	66.04 0.40 0.00	67.92 0.41 0.00	74.78 0.38 0.00	78.15 0.39 0.00	79.04 0.39 -0.01	76.29 0.38 -0.07	68.45 0.34 -0.08	29.73 0.13 -0.54
JENNISON____1 23625	69.49 3.35 0.00	55.46 2.54 0.00	54.00 2.55 0.00	50.05 2.40 0.00	57.91 2.94 0.00	61.64 3.24 0.00	86.65 4.89 0.00	74.29 4.16 -0.79	69.20 3.53 0.00	55.19 2.50 0.00	56.76 2.17 0.00	58.47 2.11 0.00	58.14 2.24 0.00	56.59 2.04 0.00	60.80 2.43 0.00	66.89 3.29 0.00	69.74 4.09 0.00	71.64 4.13 0.00	79.18 4.79 0.00	81.81 4.05 0.00	82.23 3.30 -0.30	80.63 3.02 -1.77	72.81 2.72 -2.06	44.07 1.14 -13.87
JENNISON____2 23626	69.49 3.35 0.00	55.46 2.54 0.00	54.00 2.55 0.00	50.05 2.40 0.00	57.91 2.94 0.00	61.64 3.24 0.00	86.65 4.89 0.00	74.29 4.16 -0.79	69.20 3.53 0.00	55.19 2.50 0.00	56.76 2.17 0.00	58.47 2.11 0.00	58.14 2.24 0.00	56.59 2.04 0.00	60.80 2.43 0.00	66.89 3.29 0.00	69.74 4.09 0.00	71.64 4.13 0.00	79.18 4.79 0.00	81.81 4.05 0.00	82.23 3.30 -0.30	80.63 3.02 -1.77	72.81 2.72 -2.06	44.07 1.14 -13.87
JERICOHO_RISE_WT_PWR 323719	69.10 2.96 0.00	54.60 1.67 0.00	53.06 1.61 0.00	48.95 1.30 0.00	56.81 1.84 0.00	60.11 1.71 0.00	82.74 0.98 0.00	69.89 0.55 0.00	66.97 1.30 0.00	54.00 1.31 0.00	56.40 1.80 0.00	58.49 2.12 0.00	56.17 0.27 0.00	55.14 0.58 0.00	58.88 0.51 0.00	63.35 -0.24 0.00	64.98 -0.67 0.00	66.47 -1.04 0.00	72.84 -1.56 0.00	76.68 -1.08 0.00	78.37 -0.27 -0.01	75.65 -0.27 -0.08	67.12 -1.00 -0.09	28.74 -0.94 -0.62
KATONAH__115KV_46KV_TB4 355592	68.76 2.62 0.00	55.10 2.18 0.00	53.41 1.96 0.00	49.43 1.78 0.00	56.95 1.97 0.00	60.71 2.32 0.00	85.07 3.30 0.00	72.40 3.06 0.00	68.65 2.98 0.00	55.56 2.86 0.00	57.96 3.37 0.00	59.98 3.61 0.00	59.58 3.67 0.00	57.98 3.42 0.00	62.19 3.82 0.00	67.53 3.93 0.00	69.57 3.92 0.00	71.73 4.22 0.00	79.33 4.93 0.00	82.65 4.89 0.00	84.44 5.02 -0.79	85.18 4.64 -4.71	77.53 4.02 -5.48	67.63 1.73 -36.84
KCE_NY_1 323755	69.00 2.87 0.00	55.33 2.41 0.00	53.81 2.36 0.00	49.93 2.27 0.00	57.65 2.68 0.00	61.48 3.08 0.00	86.65 4.88 0.00	73.16 3.83 0.00	69.30 3.62 0.00	55.15 2.45 0.00	56.77 2.19 0.00	58.53 2.16 0.00	58.01 2.11 0.00	56.81 2.26 0.00	61.17 2.80 0.00	67.33 3.73 0.00	69.67 4.02 0.00	71.74 4.24 0.00	78.89 4.49 0.00	82.64 4.88 0.00	84.51 4.96 -0.92	86.21 4.83 -5.54	78.85 4.39 -6.44	74.17 1.79 -43.31
KCE_NY_6_ESR 323823	66.80 0.99 0.32	51.22 0.12 1.82	50.48 0.26 1.23	46.24 0.17 1.58	54.77 0.75 0.96	57.70 -0.26 0.43	78.92 -1.82 1.03	61.73 -2.20 5.41	60.24 -1.59 3.84	51.54 -1.15 0.00	53.77 -0.82 0.00	55.66 -0.70 0.00	55.87 -0.04 0.00	54.87 0.31 0.00	58.47 0.10 0.00	63.06 -0.53 0.00	64.90 -0.74 0.00	66.22 -1.29 0.00	72.92 -1.47 0.00	76.31 -1.45 0.00	77.20 -1.55 -0.12	74.57 -1.97 -0.70	67.68 -1.16 -0.82	33.94 -0.63 -5.50
KEDC PORT_JEFF_GT2 24210	70.86 4.70 -0.02	55.74 3.95 1.14	54.70 3.53 0.28	50.07 3.13 0.72	56.06 3.16 2.07	61.63 2.85 -0.38	92.74 2.64 -8.34	75.75 1.83 -4.59	74.04 2.21 -6.15	58.75 2.80 -3.26	60.85 4.21 -2.05	61.63 5.50 0.24	60.95 5.32 0.28	57.85 4.42 1.13	62.49 4.12 0.00	73.52 4.07 -5.85	75.37 3.59 -6.13	78.16 4.11 -6.54	87.16 5.00 -7.77	90.81 4.78 -8.27	93.59 5.02 -9.94	93.54 4.68 -13.02	79.95 4.11 -7.82	67.36 2.59 -35.71
KEDC PORT_JEFF_GT3 24211	70.86 4.70 -0.02	55.74 3.95 1.14	54.70 3.53 0.28	50.07 3.13 0.72	56.06 3.16 2.07	61.63 2.85 -0.38	92.74 2.64 -8.34	75.75 1.83 -4.59	74.04 2.21 -6.15	58.75 2.80 -3.26	60.85 4.21 -2.05	61.63 5.50 0.24	60.95 5.32 0.28	57.85 4.42 1.13	62.49 4.12 0.00	73.52 4.07 -5.85	75.37 3.59 -6.13	78.16 4.11 -6.54	87.16 5.00 -7.77	90.81 4.78 -8.27	93.59 5.02 -9.94	93.54 4.68 -13.02	79.95 4.11 -7.82	67.36 2.59 -35.71
KEDC_GLWD_GT4 24219	70.72 3.43 -1.16	59.38 2.84 -3.61	54.19 2.54 -0.21	50.46 2.28 -0.53	58.90 2.40 -1.53	60.95 2.55 0.00	84.92 3.16 0.00	72.31 2.98 0.00	68.68 3.00 0.00	55.76 3.07 0.00	58.59 3.91 -0.10	61.28 4.53 -0.39	60.63 4.53 -0.21	59.45 4.06 -0.83	62.57 4.20 0.00	67.80 4.20 0.00	69.78 4.13 0.00	72.15 4.64 0.00	79.75 5.36 0.00	82.99 5.23 0.00	84.93 5.51 -0.78	85.55 5.03 -4.68	78.67 4.13 -6.51	68.75 2.09 -37.59
KEDC_GLWD_GT5 24220	70.72 3.43 -1.16	59.38 2.84 -3.61	54.19 2.54 -0.21	50.46 2.28 -0.53	58.90 2.40 -1.53	60.95 2.55 0.00	84.92 3.16 0.00	72.31 2.98 0.00	68.68 3.00 0.00	55.76 3.07 0.00	58.59 3.91 -0.10	61.28 4.53 -0.39	60.63 4.53 -0.21	59.45 4.06 -0.83	62.57 4.20 0.00	67.80 4.20 0.00	69.78 4.13 0.00	72.15 4.64 0.00	79.75 5.36 0.00	82.99 5.23 0.00	84.93 5.51 -0.78	85.55 5.03 -4.68	78.67 4.13 -6.51	68.75 2.09 -37.59
KENSICO____ 23655	68.50 2.37 0.00	54.90 1.97 0.00	53.21 1.77 0.00	49.24 1.59 0.00	56.72 1.75 0.00	60.47 2.07 0.00	84.67 2.91 0.00	72.07 2.73 0.00	68.36 2.68 0.00	55.38 2.68 0.00	57.84 3.25 0.00	59.89 3.52 0.00	59.49 3.59 0.00	57.86 3.30 0.00	62.05 3.68 0.00	67.35 3.75 0.00	69.32 3.67 0.00	71.48 3.97 0.00	79.02 4.62 0.00	82.31 4.55 0.00	84.12 4.70 -0.78	84.83 4.32 -4.67	77.24 3.78 -5.43	67.25 1.64 -36.54
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	69.37 3.23 0.00	55.53 2.61 0.00	53.86 2.42 0.00	49.85 2.20 0.00	57.45 2.48 0.00	61.27 2.87 0.00	85.97 4.21 0.00	73.18 3.84 0.00	69.34 3.67 0.00	55.95 3.25 0.00	58.05 3.47 0.00	59.77 3.40 0.00	59.16 3.26 0.00	57.22 2.67 0.00	61.63 3.26 0.00	67.33 3.73 0.00	69.67 4.02 0.00	71.93 4.42 0.00	79.59 5.20 0.00	82.92 5.16 0.00	84.72 5.32 -0.76	85.85 5.43 -4.58	78.04 4.68 -5.33	66.89 1.98 -35.84

KIAC_JFK_GT1 23816	68.53 2.40 0.00	54.93 2.01 0.00	53.24 1.79 0.00	49.30 1.65 0.00	56.76 1.79 0.00	60.54 2.14 0.00	84.85 3.09 0.00	72.34 3.01 0.00	68.48 2.81 0.00	55.72 3.02 0.00	58.35 3.76 0.00	60.34 3.98 0.00	59.91 4.01 0.00	58.28 3.72 0.00	62.41 4.04 0.00	67.56 3.97 0.00	69.46 3.82 0.00	71.69 4.18 0.00	79.31 4.91 0.00	82.24 4.48 0.00	83.96 4.55 -0.78	84.86 4.35 -4.68	77.96 4.50 -5.44	67.16 1.51 -36.59
KIAC_JFK_GT2 23817	68.53 2.40 0.00	54.93 2.01 0.00	53.24 1.79 0.00	49.30 1.65 0.00	56.76 1.79 0.00	60.54 2.14 0.00	84.85 3.09 0.00	72.34 3.01 0.00	68.48 2.81 0.00	55.72 3.02 0.00	58.35 3.76 0.00	60.34 3.98 0.00	59.91 4.01 0.00	58.28 3.72 0.00	62.41 4.04 0.00	67.56 3.97 0.00	69.46 3.82 0.00	71.69 4.18 0.00	79.31 4.91 0.00	82.24 4.48 0.00	83.96 4.55 -0.78	84.86 4.35 -4.68	77.96 4.50 -5.44	67.16 1.51 -36.59
KIAC_JFK____ 323774	68.54 2.40 0.00	54.94 2.01 0.00	53.23 1.79 0.00	49.29 1.64 0.00	56.76 1.79 0.00	60.54 2.14 0.00	84.85 3.09 0.00	72.34 3.01 0.00	68.48 2.81 0.00	55.72 3.02 0.00	58.35 3.76 0.00	60.35 3.99 0.00	59.91 4.01 0.00	58.28 3.72 0.00	62.41 4.04 0.00	67.56 3.96 0.00	69.47 3.82 0.00	71.70 4.19 0.00	79.31 4.92 0.00	82.24 4.48 0.00	83.95 4.54 -0.78	84.86 4.34 -4.68	77.99 4.52 -5.45	67.16 1.51 -36.59
KINTIGH__24_KV_GSU 356498	65.68 -0.22 0.24	50.87 -0.70 1.36	49.95 -0.58 0.91	45.90 -0.57 1.18	54.05 -0.20 0.72	56.88 -1.19 0.32	77.97 -3.04 0.75	62.38 -3.14 3.82	60.44 -2.48 2.76	50.87 -1.82 0.00	53.12 -1.47 0.00	54.91 -1.45 0.00	55.09 -0.81 0.00	54.01 -0.55 0.00	57.61 -0.76 0.00	62.15 -1.45 0.00	63.79 -1.86 0.00	65.13 -2.38 0.00	71.81 -2.59 0.00	75.24 -2.52 0.00	76.29 -2.44 -0.10	73.73 -2.69 -0.58	66.76 -1.94 -0.67	32.75 -0.85 -4.54
KINTIGH____ 23543	65.89 -0.25 0.00	52.21 -0.72 0.00	50.85 -0.60 0.00	47.05 -0.60 0.00	54.72 -0.25 0.00	57.16 -1.23 0.00	78.65 -3.11 0.00	64.94 -3.19 1.21	63.16 -2.51 0.00	50.85 -1.85 0.00	53.09 -1.50 0.00	54.89 -1.47 0.00	55.06 -0.84 0.00	53.97 -0.58 0.00	57.59 -0.78 0.00	62.07 -1.52 0.00	63.77 -1.88 0.00	65.12 -2.39 0.00	71.76 -2.64 0.00	75.18 -2.58 0.00	76.23 -2.51 -0.10	73.74 -2.68 -0.58	66.74 -1.96 -0.67	32.73 -0.87 -4.54
KNTFSRNC_46_KV_46KV_LOAD 80397	69.65 3.51 0.00	55.03 2.11 0.00	53.46 2.01 0.00	49.31 1.65 0.00	57.25 2.28 0.00	60.59 2.20 0.00	83.36 1.60 0.00	70.47 1.13 0.00	67.44 1.77 0.00	54.35 1.66 0.00	56.72 2.14 0.00	58.84 2.48 0.00	56.51 0.60 0.00	55.40 0.85 0.00	59.19 0.82 0.00	63.72 0.12 0.00	65.27 -0.38 0.00	66.87 -0.63 0.00	73.32 -1.08 0.00	77.21 -0.54 0.00	79.00 0.36 -0.01	76.42 0.51 -0.07	67.93 -0.19 -0.09	29.06 -0.58 -0.58
LACHUTE____HYDRO 323717	72.72 6.58 0.00	58.71 5.79 0.00	56.89 5.44 0.00	52.97 5.32 0.00	61.35 6.38 0.00	65.91 7.51 0.00	93.30 11.54 0.00	77.24 7.91 0.00	73.65 7.98 0.00	58.47 5.78 0.00	59.96 5.37 0.00	62.07 5.71 0.00	61.24 5.34 0.00	60.49 5.93 0.00	64.91 6.54 0.00	72.03 8.43 0.00	75.47 9.82 0.00	77.66 10.15 0.00	85.41 11.01 0.00	89.84 12.08 0.00	90.69 11.13 -0.93	92.00 10.61 -5.55	84.60 10.12 -6.45	76.34 3.90 -43.37
LAWRNCV_115KV_TB1 80681	69.34 3.21 0.00	54.80 1.88 0.00	53.26 1.81 0.00	49.11 1.46 0.00	56.94 1.96 0.00	59.87 1.48 0.00	82.46 0.70 0.00	69.73 0.40 0.00	66.91 1.23 0.00	53.76 1.06 0.00	56.00 1.41 0.00	57.98 1.62 0.00	55.65 -0.25 0.00	54.61 0.05 0.00	58.33 -0.04 0.00	62.76 -0.84 0.00	64.74 -0.91 0.00	66.09 -1.42 0.00	72.36 -2.04 0.00	76.09 -1.67 0.00	77.63 -1.02 -0.02	74.86 -1.09 -0.11	66.68 -1.47 -0.12	28.98 -0.92 -0.84
LEDERLE____ 23769	68.73 2.59 0.00	55.04 2.12 0.00	53.31 1.86 0.00	49.33 1.68 0.00	56.85 1.89 0.00	60.67 2.27 0.00	84.99 3.23 0.00	72.33 3.00 0.00	68.57 2.89 0.00	55.55 2.86 0.00	58.00 3.41 0.00	60.03 3.66 0.00	59.63 3.73 0.00	57.98 3.42 0.00	62.24 3.87 0.00	67.54 3.95 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.39 4.99 0.00	82.66 4.90 0.00	84.39 4.99 -0.77	85.00 4.57 -4.59	77.34 3.97 -5.34	66.69 1.70 -35.93
LIGHTHSE_115KV_TB6 355974	65.14 -1.00 0.00	52.03 -0.89 0.00	50.64 -0.81 0.00	46.86 -0.79 0.00	54.15 -0.82 0.00	57.57 -0.83 0.00	80.74 -1.02 0.00	68.56 -0.77 0.00	64.83 -0.84 0.00	51.77 -0.92 0.00	53.09 -1.50 0.00	54.55 -1.81 0.00	53.98 -1.93 0.00	52.70 -1.86 0.00	56.50 -1.88 0.00	61.94 -1.66 0.00	64.58 -1.07 0.00	66.61 -0.90 0.00	73.36 -1.03 0.00	76.52 -1.24 0.00	77.31 -1.39 -0.06	74.50 -1.71 -0.37	66.74 -1.72 -0.43	31.12 -0.85 -2.90
LINDEN COGEN____ 23786	68.35 2.22 0.00	54.82 1.90 0.00	53.13 1.69 0.00	49.18 1.52 0.00	56.60 1.63 0.00	60.38 1.98 0.00	84.49 2.73 0.00	72.01 2.67 0.00	68.34 2.66 0.00	55.54 2.85 0.00	58.10 3.51 0.00	60.14 3.78 0.00	59.78 3.88 0.00	58.12 3.56 0.00	62.28 3.91 0.00	67.41 3.81 0.00	69.34 3.70 0.00	71.56 4.05 0.00	79.05 4.65 0.00	82.23 4.47 0.00	84.08 4.67 -0.78	84.82 4.30 -4.68	77.25 3.78 -5.44	67.27 1.62 -36.59
LINDHRST_69_KV_BK1 356055	71.90 5.02 -0.75	58.82 4.11 -1.79	55.25 3.80 0.00	51.01 3.36 0.00	58.41 3.44 0.00	61.84 3.35 -0.10	87.53 3.70 -2.07	73.83 3.35 -1.14	70.74 3.54 -1.53	57.15 3.65 -0.81	60.00 4.84 -0.58	62.35 5.85 -0.14	61.58 5.68 0.00	59.52 4.96 0.00	63.25 4.88 0.00	70.08 5.03 -1.45	72.01 4.84 -1.53	74.75 5.61 -1.63	82.90 6.57 -1.93	86.19 6.38 -2.05	88.35 6.65 -3.06	88.73 6.14 -6.75	79.39 4.97 -6.39	68.56 2.78 -36.71
LIPA_MISC_IPP 23656	71.06 4.92 0.00	55.80 4.09 1.22	54.85 3.68 0.28	50.20 3.29 0.74	56.20 3.36 2.13	62.07 3.20 -0.47	95.34 3.24 -10.34	77.75 2.72 -5.69	76.07 2.77 -7.63	59.87 3.14 -4.04	61.57 4.45 -2.53	61.61 5.50 0.25	60.98 5.37 0.29	57.84 4.44 1.16	62.64 4.27 0.00	75.24 4.39 -7.26	77.52 4.27 -7.61	80.55 4.93 -8.11	90.04 6.02 -9.63	93.84 5.83 -10.25	96.86 6.09 -12.14	96.37 5.51 -15.02	81.28 4.56 -8.70	67.60 2.75 -35.78
LISF____SOLAR 323691	71.23 5.08 -0.01	55.96 4.22 1.18	54.95 3.78 0.28	50.30 3.38 0.73	56.33 3.47 2.11	62.16 3.31 -0.46	95.15 3.40 -9.98	77.70 2.86 -5.50	75.89 2.85 -7.37	59.80 3.21 -3.90	61.53 4.50 -2.45	61.77 5.65 0.25	61.11 5.49 0.29	57.90 4.48 1.15	62.68 4.31 0.00	75.08 4.47 -7.01	77.40 4.40 -7.35	80.46 5.12 -7.83	89.91 6.21 -9.30	93.71 6.04 -9.90	96.68 6.30 -11.75	96.18 5.68 -14.67	81.30 4.72 -8.55	67.66 2.81 -35.78
LITTLE FALLS____HYD 24013	71.07 4.93 0.00	56.81 3.89 0.00	55.22 3.77 0.00	51.19 3.54 0.00	59.19 4.22 0.00	63.10 4.70 0.00	88.52 6.76 0.00	75.12 5.78 0.00	70.03 4.36 0.00	55.52 2.82 0.00	56.84 2.25 0.00	58.00 1.63 0.00	57.49 1.59 0.00	56.00 1.45 0.00	60.68 2.31 0.00	67.59 4.00 0.00	71.02 5.37 0.00	73.32 5.81 0.00	80.73 6.33 0.00	83.98 6.22 0.00	84.50 5.86 -0.01	82.20 6.29 -0.07	73.89 5.78 -0.08	31.97 2.37 -0.54

LITTLRIV_115KV_TB1 356100	70.20 4.06 0.00	55.43 2.51 0.00	53.84 2.39 0.00	49.66 2.01 0.00	57.58 2.61 0.00	60.52 2.12 0.00	83.39 1.63 0.00	70.52 1.18 0.00	67.63 1.96 0.00	54.22 1.53 0.00	56.38 1.79 0.00	58.29 1.93 0.00	55.85 -0.05 0.00	54.71 0.16 0.00	58.47 0.10 0.00	63.01 -0.59 0.00	65.39 -0.26 0.00	66.85 -0.65 0.00	73.24 -1.15 0.00	76.98 -0.78 0.00	78.51 -0.14 -0.02	75.65 -0.29 -0.11	67.34 -0.82 -0.13	29.25 -0.68 -0.86
LI_NEWBRDGE___DRP 323616	69.69 3.81 0.26	54.01 3.21 2.13	53.96 2.88 0.37	49.24 2.55 0.97	54.74 2.55 2.79	60.81 2.42 0.01	84.15 2.39 0.00	71.65 2.31 0.00	68.12 2.44 0.00	55.42 2.73 0.00	58.46 3.87 0.00	60.77 4.77 0.37	60.26 4.73 0.38	57.12 4.08 1.52	62.20 3.84 0.00	67.38 3.78 0.00	69.22 3.57 0.00	71.73 4.22 0.00	79.35 4.96 0.00	82.53 4.77 0.00	84.60 5.19 -0.77	85.22 4.71 -4.67	75.07 3.54 -3.50	66.08 2.24 -34.77
LOCKPORT_115KV_TB60_63_64 80432	66.31 0.18 0.00	52.51 -0.42 0.00	51.19 -0.26 0.00	47.36 -0.29 0.00	55.20 0.23 0.00	57.28 -1.11 0.00	78.50 -3.26 0.00	64.46 -3.42 1.46	63.01 -2.66 0.00	50.71 -1.99 0.00	52.80 -1.79 0.00	54.58 -1.78 0.00	54.86 -1.04 0.00	53.85 -0.71 0.00	57.40 -0.97 0.00	61.86 -1.74 0.00	63.62 -2.03 0.00	65.01 -2.50 0.00	71.61 -2.78 0.00	75.10 -2.66 0.00	76.08 -2.66 -0.11	73.66 -2.81 -0.63	66.69 -2.08 -0.74	33.06 -0.97 -4.96
LOCKPORT___CC1 323769	66.05 0.16 0.25	51.06 -0.44 1.43	50.21 -0.28 0.96	46.08 -0.33 1.24	54.44 0.22 0.75	56.92 -1.13 0.34	77.67 -3.30 0.79	61.65 -3.44 4.25	60.09 -2.68 2.91	50.69 -2.01 0.00	52.84 -1.75 0.00	54.61 -1.75 0.00	54.90 -1.00 0.00	53.90 -0.66 0.00	57.45 -0.92 0.00	61.90 -1.69 0.00	63.60 -2.05 0.00	64.95 -2.56 0.00	71.58 -2.82 0.00	75.06 -2.70 0.00	76.05 -2.69 -0.11	73.53 -2.94 -0.64	66.64 -2.13 -0.74	33.10 -0.97 -5.00
LOCKPORT___CC2 323770	66.05 0.16 0.25	51.06 -0.44 1.43	50.21 -0.28 0.96	46.08 -0.33 1.24	54.44 0.22 0.75	56.92 -1.13 0.34	77.67 -3.30 0.79	61.65 -3.44 4.25	60.09 -2.68 2.91	50.69 -2.01 0.00	52.84 -1.75 0.00	54.61 -1.75 0.00	54.90 -1.00 0.00	53.90 -0.66 0.00	57.45 -0.92 0.00	61.90 -1.69 0.00	63.60 -2.05 0.00	64.95 -2.56 0.00	71.58 -2.82 0.00	75.06 -2.70 0.00	76.05 -2.69 -0.11	73.53 -2.94 -0.64	66.64 -2.13 -0.74	33.10 -0.97 -5.00
LOCKPORT___CC3 323771	66.05 0.16 0.25	51.06 -0.44 1.43	50.21 -0.28 0.96	46.08 -0.33 1.24	54.44 0.22 0.75	56.92 -1.13 0.34	77.67 -3.30 0.79	61.65 -3.44 4.25	60.09 -2.68 2.91	50.69 -2.01 0.00	52.84 -1.75 0.00	54.61 -1.75 0.00	54.90 -1.00 0.00	53.90 -0.66 0.00	57.45 -0.92 0.00	61.90 -1.69 0.00	63.60 -2.05 0.00	64.95 -2.56 0.00	71.58 -2.82 0.00	75.06 -2.70 0.00	76.05 -2.69 -0.11	73.53 -2.94 -0.64	66.64 -2.13 -0.74	33.10 -0.97 -5.00
LOCUSVLY_69_KV_BK2 55797	70.95 3.92 -0.90	58.74 3.24 -2.57	54.47 2.93 -0.09	50.52 2.62 -0.25	58.40 2.70 -0.72	61.03 2.73 0.10	82.72 3.11 2.14	71.06 2.90 1.18	67.04 2.95 1.58	54.95 3.09 0.84	58.28 4.13 0.44	61.53 4.91 -0.25	60.89 4.89 -0.10	59.26 4.31 -0.39	62.69 4.33 0.00	66.39 4.30 1.51	68.23 4.16 1.58	70.66 4.83 1.68	78.03 5.63 2.00	81.09 5.46 2.13	82.84 5.78 1.58	83.63 5.26 -2.53	77.22 4.23 -4.96	68.31 2.30 -36.94
LONG_LAKE_PHOENIX 24014	64.30 -1.83 0.00	51.41 -1.52 0.00	49.99 -1.45 0.00	46.31 -1.34 0.00	53.47 -1.51 0.00	56.79 -1.61 0.00	79.58 -2.18 0.00	67.51 -1.82 0.00	63.92 -1.75 0.00	51.14 -1.56 0.00	52.86 -1.73 0.00	54.52 -1.85 0.00	54.15 -1.76 0.00	52.84 -1.72 0.00	56.58 -1.79 0.00	61.74 -1.85 0.00	63.90 -1.76 0.00	65.89 -1.62 0.00	72.79 -1.61 0.00	75.90 -1.85 0.00	76.74 -1.96 -0.07	74.27 -1.98 -0.41	66.71 -1.79 -0.47	31.52 -0.75 -3.20
LOVETT___3 23632	68.33 2.19 0.00	54.75 1.82 0.00	53.04 1.59 0.00	49.09 1.44 0.00	56.55 1.58 0.00	60.32 1.92 0.00	84.47 2.71 0.00	71.87 2.54 0.00	68.16 2.48 0.00	55.19 2.50 0.00	57.64 3.05 0.00	59.66 3.30 0.00	59.28 3.37 0.00	57.64 3.08 0.00	61.84 3.47 0.00	67.08 3.49 0.00	69.08 3.43 0.00	71.24 3.73 0.00	78.80 4.40 0.00	82.06 4.30 0.00	83.81 4.41 -0.77	84.51 4.07 -4.61	76.92 3.54 -5.36	66.65 1.53 -36.05
LOVETT___4 23642	68.33 2.19 0.00	54.75 1.82 0.00	53.04 1.59 0.00	49.09 1.44 0.00	56.55 1.58 0.00	60.32 1.92 0.00	84.47 2.71 0.00	71.87 2.54 0.00	68.16 2.48 0.00	55.19 2.50 0.00	57.64 3.05 0.00	59.66 3.30 0.00	59.28 3.37 0.00	57.64 3.08 0.00	61.84 3.47 0.00	67.08 3.49 0.00	69.08 3.43 0.00	71.24 3.73 0.00	78.80 4.40 0.00	82.06 4.30 0.00	83.81 4.41 -0.77	84.51 4.07 -4.61	76.92 3.54 -5.36	66.65 1.53 -36.05
LOVETT___5 23593	68.33 2.19 0.00	54.75 1.82 0.00	53.04 1.59 0.00	49.09 1.44 0.00	56.55 1.58 0.00	60.32 1.92 0.00	84.47 2.71 0.00	71.87 2.54 0.00	68.16 2.48 0.00	55.19 2.50 0.00	57.64 3.05 0.00	59.66 3.30 0.00	59.28 3.37 0.00	57.64 3.08 0.00	61.84 3.47 0.00	67.08 3.49 0.00	69.08 3.43 0.00	71.24 3.73 0.00	78.80 4.40 0.00	82.06 4.30 0.00	83.81 4.41 -0.77	84.51 4.07 -4.61	76.92 3.54 -5.36	66.65 1.53 -36.05
LOWER RAQUET___HYD 24057	69.26 3.13 0.00	54.74 1.82 0.00	53.19 1.74 0.00	49.07 1.42 0.00	56.83 1.86 0.00	59.71 1.31 0.00	82.20 0.44 0.00	69.54 0.20 0.00	66.74 1.07 0.00	53.60 0.91 0.00	55.78 1.19 0.00	57.73 1.37 0.00	55.41 -0.50 0.00	54.36 -0.20 0.00	58.07 -0.30 0.00	62.49 -1.11 0.00	64.53 -1.12 0.00	65.82 -1.69 0.00	72.08 -2.31 0.00	75.77 -1.99 0.00	77.32 -1.33 -0.02	74.68 -1.27 -0.11	66.48 -1.68 -0.13	28.96 -1.00 -0.89
LOWER___HUDSON 24059	67.55 1.41 0.00	54.22 1.29 0.00	52.67 1.22 0.00	48.89 1.23 0.00	56.38 1.41 0.00	60.04 1.64 0.00	84.46 2.70 0.00	71.49 2.15 0.00	67.63 1.96 0.00	53.92 1.22 0.00	55.52 0.93 0.00	57.35 0.99 0.00	56.79 0.88 0.00	55.70 1.14 0.00	59.89 1.52 0.00	65.83 2.23 0.00	67.95 2.30 0.00	69.92 2.41 0.00	76.88 2.48 0.00	80.64 2.88 0.00	82.47 2.93 -0.91	84.44 3.14 -5.46	77.24 2.87 -6.35	72.97 1.20 -42.70
LOWVILLE_115KV_TB2 356335	68.13 1.99 0.00	54.38 1.46 0.00	52.97 1.52 0.00	48.93 1.28 0.00	56.56 1.59 0.00	60.14 1.75 0.00	84.24 2.48 0.00	71.58 2.24 0.00	67.79 2.11 0.00	54.00 1.30 0.00	55.20 0.62 0.00	56.55 0.18 0.00	55.41 -0.49 0.00	54.11 -0.45 0.00	58.08 -0.29 0.00	63.93 0.33 0.00	66.96 1.31 0.00	68.68 1.17 0.00	75.26 0.86 0.00	78.44 0.68 0.00	79.33 0.66 -0.03	75.97 -0.07 -0.20	67.67 -0.59 -0.23	30.06 -0.58 -1.57
LUTHERFT_115KV_GLOB_FND_222 355753	69.01 2.88 0.00	55.34 2.42 0.00	53.79 2.35 0.00	49.92 2.27 0.00	57.65 2.68 0.00	61.42 3.02 0.00	86.49 4.73 0.00	73.12 3.78 0.00	69.18 3.51 0.00	55.13 2.44 0.00	56.78 2.19 0.00	58.51 2.15 0.00	57.92 2.02 0.00	56.73 2.17 0.00	61.07 2.70 0.00	67.24 3.65 0.00	69.60 3.94 0.00	71.64 4.13 0.00	78.82 4.42 0.00	82.57 4.81 0.00	84.39 4.84 -0.92	86.17 4.79 -5.54	78.82 4.35 -6.44	74.16 1.78 -43.31

LUTHERNY_35_KV_BK2 355980	69.00 2.87 0.00	55.33 2.40 0.00	53.80 2.36 0.00	49.93 2.27 0.00	57.65 2.68 0.00	61.48 3.08 0.00	86.65 4.89 0.00	73.17 3.83 0.00	69.30 3.62 0.00	55.15 2.45 0.00	56.77 2.19 0.00	58.52 2.15 0.00	58.01 2.11 0.00	56.81 2.25 0.00	61.17 2.80 0.00	67.33 3.73 0.00	69.66 4.02 0.00	71.75 4.24 0.00	78.89 4.49 0.00	82.64 4.88 0.00	84.51 4.95 -0.92	86.21 4.83 -5.54	78.85 4.38 -6.44	74.17 1.79 -43.31
LWR___OSWEGATCHIE_HYD 23850	68.14 2.01 0.00	54.10 1.18 0.00	52.62 1.17 0.00	48.55 0.90 0.00	56.17 1.20 0.00	59.24 0.84 0.00	82.24 0.48 0.00	69.76 0.42 0.00	66.50 0.82 0.00	53.19 0.49 0.00	54.90 0.31 0.00	56.54 0.17 0.00	54.78 -1.12 0.00	53.63 -0.93 0.00	57.42 -0.95 0.00	62.50 -1.10 0.00	64.93 -0.72 0.00	66.47 -1.05 0.00	72.82 -1.58 0.00	76.22 -1.54 0.00	77.49 -1.17 -0.03	74.65 -1.36 -0.16	66.49 -1.73 -0.19	29.31 -1.04 -1.29
LYONS_FALL_HYD 23570	68.00 1.86 0.00	54.32 1.40 0.00	52.87 1.42 0.00	48.88 1.23 0.00	56.52 1.55 0.00	60.13 1.74 0.00	84.30 2.54 0.00	71.58 2.25 0.00	67.75 2.08 0.00	54.04 1.34 0.00	55.42 0.83 0.00	56.92 0.56 0.00	55.98 0.08 0.00	54.64 0.09 0.00	58.64 0.27 0.00	64.44 0.84 0.00	67.23 1.58 0.00	69.04 1.53 0.00	75.74 1.34 0.00	79.05 1.29 0.00	79.94 1.28 -0.03	76.77 0.74 -0.19	68.53 0.29 -0.22	30.43 -0.11 -1.48
MADISON___COUNTY_LFGE 323628	68.04 1.90 0.00	54.46 1.53 0.00	53.00 1.56 0.00	49.07 1.42 0.00	56.77 1.80 0.00	60.42 2.03 0.00	84.88 3.12 0.00	72.01 2.67 0.00	68.00 2.33 0.00	54.30 1.61 0.00	55.78 1.20 0.00	57.41 1.04 0.00	56.76 0.85 0.00	55.35 0.79 0.00	59.36 0.99 0.00	65.16 1.57 0.00	67.84 2.20 0.00	69.78 2.27 0.00	76.79 2.39 0.00	80.16 2.40 0.00	80.99 2.31 -0.05	78.10 1.95 -0.31	69.97 1.58 -0.36	32.09 0.59 -2.44
MALONE___115KV_TB1 356076	70.25 4.11 0.00	55.49 2.57 0.00	53.92 2.47 0.00	49.74 2.09 0.00	57.73 2.76 0.00	61.04 2.64 0.00	84.15 2.39 0.00	71.20 1.87 0.00	68.23 2.56 0.00	54.82 2.13 0.00	57.12 2.53 0.00	59.15 2.79 0.00	56.75 0.85 0.00	55.64 1.09 0.00	59.44 1.07 0.00	64.05 0.46 0.00	65.94 0.29 0.00	67.45 -0.06 0.00	73.85 -0.54 0.00	77.76 0.00 0.00	79.43 0.78 -0.01	76.49 0.56 -0.09	67.92 -0.21 -0.10	29.17 -0.58 -0.69
MAPLEWOD_115KV_TB3 80458	67.80 1.66 0.00	54.38 1.45 0.00	52.84 1.39 0.00	48.99 1.34 0.00	56.51 1.54 0.00	60.16 1.76 0.00	84.55 2.79 0.00	71.71 2.38 0.00	67.81 2.14 0.00	54.11 1.41 0.00	55.85 1.26 0.00	57.56 1.20 0.00	57.00 1.10 0.00	55.85 1.29 0.00	60.10 1.73 0.00	66.06 2.46 0.00	68.20 2.55 0.00	70.19 2.68 0.00	77.27 2.87 0.00	80.91 3.16 0.00	82.72 3.18 -0.91	84.52 3.25 -5.43	77.25 2.91 -6.31	72.75 1.21 -42.47
MAPLE_RIDGE_WT_1 323574	67.05 0.92 0.00	53.44 0.52 0.00	51.96 0.52 0.00	48.06 0.40 0.00	55.56 0.59 0.00	58.94 0.54 0.00	82.01 0.25 0.00	69.43 0.09 0.00	66.04 0.37 0.00	53.07 0.38 0.00	55.16 0.57 0.00	57.05 0.69 0.00	55.88 -0.02 0.00	54.69 0.13 0.00	58.51 0.14 0.00	63.46 -0.13 0.00	65.39 -0.26 0.00	66.92 -0.59 0.00	73.16 -1.24 0.00	76.50 -1.26 0.00	77.38 -1.25 0.00	74.15 -1.69 0.00	66.17 -1.86 0.00	28.10 -0.97 0.00
MAPLE_RIDGE_WT_2 323611	67.05 0.92 0.00	53.44 0.52 0.00	51.96 0.52 0.00	48.06 0.40 0.00	55.56 0.59 0.00	58.94 0.54 0.00	82.01 0.25 0.00	69.43 0.09 0.00	66.04 0.37 0.00	53.07 0.38 0.00	55.16 0.57 0.00	57.05 0.69 0.00	55.88 -0.02 0.00	54.69 0.13 0.00	58.51 0.14 0.00	63.46 -0.13 0.00	65.39 -0.26 0.00	66.92 -0.59 0.00	73.16 -1.24 0.00	76.50 -1.26 0.00	77.38 -1.25 0.00	74.15 -1.69 0.00	66.17 -1.86 0.00	28.10 -0.97 0.00
MARBLE_RIVER_WT_PWR 323696	68.79 2.66 0.00	54.38 1.46 0.00	52.85 1.40 0.00	48.76 1.11 0.00	56.57 1.60 0.00	59.85 1.45 0.00	82.39 0.63 0.00	69.59 0.26 0.00	66.64 0.97 0.00	53.80 1.10 0.00	56.19 1.60 0.00	58.27 1.90 0.00	56.03 0.13 0.00	55.02 0.46 0.00	58.76 0.39 0.00	63.21 -0.39 0.00	64.79 -0.86 0.00	66.28 -1.23 0.00	72.64 -1.76 0.00	76.45 -1.31 0.00	78.14 -0.50 -0.01	75.48 -0.43 -0.07	67.02 -1.09 -0.08	28.69 -0.93 -0.56
MARSHVLE_115KV_TB1 80742	66.64 0.50 0.00	53.32 0.40 0.00	51.85 0.40 0.00	47.99 0.34 0.00	55.29 0.31 0.00	58.87 0.47 0.00	82.19 0.43 0.00	69.69 0.35 0.00	65.99 0.32 0.00	52.97 0.28 0.00	54.97 0.38 0.00	56.86 0.50 0.00	56.22 0.32 0.00	54.76 0.20 0.00	58.59 0.22 0.00	64.03 0.44 0.00	65.92 0.27 0.00	67.80 0.29 0.00	74.71 0.32 0.00	77.84 0.08 0.00	79.74 0.03 -1.08	82.57 0.24 -6.48	75.86 0.29 -7.54	79.91 0.12 -50.72
MARSH_HILL_WT_PWR 323713	67.37 1.06 -0.17	53.89 -0.01 -0.98	52.19 0.08 -0.66	48.54 0.04 -0.85	56.44 0.96 -0.52	58.95 0.31 -0.23	82.41 -0.20 -0.85	67.77 -1.00 0.57	68.58 -1.00 -3.91	51.44 -1.26 0.00	53.70 -0.89 0.00	55.55 -0.81 0.00	55.42 -0.48 0.00	54.10 -0.46 0.00	57.73 -0.64 0.00	62.92 -0.67 0.00	65.25 -0.39 0.00	66.20 -1.31 0.00	72.80 -1.59 0.00	75.63 -2.13 0.00	75.74 -3.05 -0.16	73.91 -2.90 -0.97	67.20 -1.96 -1.13	35.90 -0.75 -7.58
MCINTYRE_115KV_TB2 80467	70.76 4.63 0.00	55.86 2.93 0.00	54.25 2.81 0.00	50.06 2.40 0.00	58.08 3.11 0.00	61.19 2.79 0.00	84.37 2.61 0.00	71.34 2.00 0.00	68.36 2.69 0.00	54.78 2.08 0.00	56.98 2.39 0.00	58.90 2.54 0.00	56.35 0.45 0.00	55.16 0.60 0.00	58.94 0.57 0.00	63.53 -0.07 0.00	66.16 0.51 0.00	67.77 0.26 0.00	74.26 -0.13 0.00	78.05 0.29 0.00	79.57 0.92 -0.02	76.57 0.63 -0.11	68.06 -0.09 -0.12	29.46 -0.43 -0.83
MECO_____69_KV_BK1 80468	68.95 2.81 0.00	55.18 2.26 0.00	53.62 2.17 0.00	49.67 2.02 0.00	57.29 2.32 0.00	61.13 2.74 0.00	85.85 4.09 0.00	72.85 3.52 0.00	68.51 2.83 0.00	54.69 2.00 0.00	56.56 1.98 0.00	57.94 1.57 0.00	57.05 1.15 0.00	55.64 1.08 0.00	59.79 1.42 0.00	66.03 2.43 0.00	68.89 3.23 0.00	71.10 3.59 0.00	78.35 3.95 0.00	81.77 4.01 0.00	83.60 3.96 -1.01	85.64 3.73 -6.07	78.36 3.27 -7.06	77.91 1.34 -47.51
MENANDS___115KV_TB5 355628	66.89 0.76 0.00	53.69 0.77 0.00	52.16 0.72 0.00	48.39 0.74 0.00	55.75 0.77 0.00	59.31 0.91 0.00	83.33 1.57 0.00	70.69 1.35 0.00	66.90 1.22 0.00	53.53 0.83 0.00	55.33 0.74 0.00	57.06 0.70 0.00	56.54 0.64 0.00	55.36 0.79 0.00	59.53 1.15 0.00	65.25 1.65 0.00	67.27 1.62 0.00	69.18 1.67 0.00	76.17 1.78 0.00	79.74 1.98 0.00	81.55 2.01 -0.90	83.38 2.13 -5.41	76.25 1.93 -6.29	72.20 0.81 -42.33
MG INDUSTRY___DRP 24185	67.36 1.23 0.00	54.03 1.11 0.00	52.52 1.07 0.00	48.74 1.09 0.00	56.17 1.20 0.00	59.69 1.30 0.00	83.78 2.02 0.00	71.01 1.67 0.00	67.06 1.39 0.00	53.59 0.90 0.00	55.38 0.79 0.00	57.02 0.66 0.00	56.51 0.61 0.00	55.23 0.67 0.00	59.37 1.00 0.00	65.28 1.68 0.00	67.47 1.82 0.00	69.39 1.88 0.00	76.41 2.02 0.00	79.97 2.22 0.00	81.77 2.26 -0.88	83.38 2.27 -5.27	76.25 2.09 -6.13	71.22 0.90 -41.25

MID___OSWEGATCHIE_HYD 23849	68.14 2.01 0.00	54.10 1.18 0.00	52.62 1.17 0.00	48.55 0.90 0.00	56.17 1.20 0.00	59.24 0.84 0.00	82.24 0.48 0.00	69.76 0.42 0.00	66.50 0.82 0.00	53.19 0.49 0.00	54.90 0.31 0.00	56.54 0.17 0.00	54.78 -1.12 0.00	53.63 -0.93 0.00	57.42 -0.95 0.00	62.50 -1.10 0.00	64.93 -0.72 0.00	66.47 -1.05 0.00	72.82 -1.58 0.00	76.22 -1.54 0.00	77.49 -1.17 -0.03	74.65 -1.36 -0.16	66.49 -1.73 -0.19	29.31 -1.04 -1.29
MID___RAQUETTE_HYD 23851	69.27 3.13 0.00	54.74 1.82 0.00	53.18 1.74 0.00	49.05 1.40 0.00	56.83 1.86 0.00	59.70 1.31 0.00	82.20 0.44 0.00	69.54 0.20 0.00	66.74 1.07 0.00	53.60 0.91 0.00	55.78 1.20 0.00	57.73 1.37 0.00	55.41 -0.50 0.00	54.36 -0.20 0.00	58.07 -0.30 0.00	62.49 -1.11 0.00	64.53 -1.12 0.00	65.82 -1.69 0.00	72.08 -2.32 0.00	75.77 -1.99 0.00	77.30 -1.35 -0.02	74.59 -1.37 -0.11	66.48 -1.68 -0.13	28.96 -1.00 -0.89
MILLIKEN___1 23584	67.56 1.42 0.00	53.97 1.04 0.00	52.48 1.03 0.00	48.64 0.99 0.00	56.22 1.25 0.00	59.74 1.34 0.00	83.79 2.02 0.00	73.44 1.68 -2.42	66.89 1.21 0.00	53.32 0.63 0.00	54.85 0.27 0.00	56.50 0.14 0.00	56.25 0.35 0.00	54.82 0.26 0.00	58.75 0.38 0.00	64.49 0.90 0.00	67.13 1.48 0.00	69.10 1.59 0.00	76.24 1.84 0.00	79.53 1.78 0.00	80.48 1.68 -0.17	78.25 1.39 -1.02	70.37 1.16 -1.19	37.56 0.51 -7.99
MILLIKEN___2 23585	67.56 1.42 0.00	53.97 1.04 0.00	52.48 1.03 0.00	48.64 0.99 0.00	56.22 1.25 0.00	59.74 1.34 0.00	83.79 2.02 0.00	73.44 1.68 -2.42	66.89 1.21 0.00	53.32 0.63 0.00	54.85 0.27 0.00	56.50 0.14 0.00	56.25 0.35 0.00	54.82 0.26 0.00	58.75 0.38 0.00	64.49 0.90 0.00	67.13 1.48 0.00	69.10 1.59 0.00	76.24 1.84 0.00	79.53 1.78 0.00	80.48 1.68 -0.17	78.25 1.39 -1.02	70.37 1.16 -1.19	37.56 0.51 -7.99
MILLIKEN___DIESEL 23629	67.56 1.42 0.00	53.97 1.04 0.00	52.48 1.03 0.00	48.64 0.99 0.00	56.22 1.25 0.00	59.74 1.34 0.00	83.79 2.02 0.00	73.44 1.68 -2.42	66.89 1.21 0.00	53.32 0.63 0.00	54.85 0.27 0.00	56.50 0.14 0.00	56.25 0.35 0.00	54.82 0.26 0.00	58.75 0.38 0.00	64.49 0.90 0.00	67.13 1.48 0.00	69.10 1.59 0.00	76.24 1.84 0.00	79.53 1.78 0.00	80.48 1.68 -0.17	78.25 1.39 -1.02	70.37 1.16 -1.19	37.56 0.51 -7.99
MILLSEAT___LFGE 323607	67.27 1.36 0.23	52.12 0.52 1.32	51.19 0.63 0.89	47.02 0.52 1.15	55.49 1.21 0.70	58.21 0.13 0.31	79.89 -1.14 0.73	63.97 -1.46 3.90	61.99 -0.99 2.69	51.66 -1.03 0.00	53.60 -0.98 0.00	55.31 -1.05 0.00	55.48 -0.42 0.00	54.44 -0.12 0.00	58.13 -0.24 0.00	63.06 -0.54 0.00	65.20 -0.45 0.00	66.81 -0.71 0.00	73.67 -0.73 0.00	77.19 -0.56 0.00	78.14 -0.60 -0.10	75.41 -1.04 -0.61	68.19 -0.55 -0.72	33.53 -0.33 -4.80
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	68.42 2.28 0.00	54.83 1.91 0.00	53.14 1.70 0.00	49.19 1.53 0.00	56.66 1.69 0.00	60.40 2.00 0.00	84.58 2.81 0.00	71.98 2.64 0.00	68.25 2.58 0.00	55.29 2.59 0.00	57.72 3.13 0.00	59.75 3.38 0.00	59.34 3.44 0.00	57.72 3.17 0.00	61.91 3.55 0.00	67.21 3.62 0.00	69.20 3.55 0.00	71.34 3.83 0.00	78.88 4.49 0.00	82.16 4.41 0.00	83.96 4.55 -0.78	84.70 4.20 -4.66	77.11 3.66 -5.42	67.12 1.58 -36.47
MILLWOOD_13_KV_LOAD 356217	68.57 2.43 0.00	54.95 2.03 0.00	53.25 1.81 0.00	49.28 1.63 0.00	56.77 1.81 0.00	60.54 2.14 0.00	84.79 3.02 0.00	72.14 2.81 0.00	68.43 2.76 0.00	55.41 2.72 0.00	57.86 3.27 0.00	59.89 3.52 0.00	59.48 3.58 0.00	57.86 3.30 0.00	62.06 3.69 0.00	67.39 3.79 0.00	69.39 3.74 0.00	71.56 4.05 0.00	79.10 4.71 0.00	82.40 4.64 0.00	84.20 4.79 -0.78	84.90 4.40 -4.66	77.28 3.84 -5.42	67.19 1.66 -36.47
MODEL_CITY_ENERGY 24167	65.43 -0.43 0.27	50.49 -0.89 1.55	49.71 -0.69 1.04	45.59 -0.72 1.34	53.98 -0.18 0.81	56.33 -1.70 0.37	76.72 -4.18 0.86	60.62 -4.24 4.48	59.12 -3.41 3.15	50.19 -2.50 0.00	52.31 -2.28 0.00	54.06 -2.31 0.00	54.35 -1.55 0.00	53.38 -1.18 0.00	56.89 -1.48 0.00	61.27 -2.33 0.00	62.89 -2.76 0.00	64.23 -3.28 0.00	70.74 -3.66 0.00	74.23 -3.53 0.00	75.24 -3.50 -0.11	72.79 -3.70 -0.64	65.98 -2.80 -0.75	32.85 -1.26 -5.04
MODERN_LFGE___ 323580	65.43 -0.43 0.27	50.49 -0.89 1.55	49.71 -0.69 1.04	45.59 -0.72 1.34	53.98 -0.18 0.81	56.33 -1.70 0.37	76.72 -4.18 0.86	60.62 -4.24 4.48	59.12 -3.41 3.15	50.19 -2.50 0.00	52.31 -2.28 0.00	54.06 -2.31 0.00	54.35 -1.55 0.00	53.38 -1.18 0.00	56.89 -1.48 0.00	61.27 -2.33 0.00	62.89 -2.76 0.00	64.23 -3.28 0.00	70.74 -3.66 0.00	74.23 -3.53 0.00	75.24 -3.50 -0.11	72.79 -3.70 -0.64	65.98 -2.80 -0.75	32.85 -1.26 -5.04
MOHAWK_PAPER___DRP 24187	67.80 1.66 0.00	54.38 1.45 0.00	52.84 1.39 0.00	48.99 1.34 0.00	56.51 1.54 0.00	60.16 1.76 0.00	84.55 2.79 0.00	71.71 2.38 0.00	67.81 2.14 0.00	54.11 1.41 0.00	55.85 1.26 0.00	57.56 1.20 0.00	57.00 1.10 0.00	55.85 1.29 0.00	60.10 1.73 0.00	66.06 2.46 0.00	68.20 2.55 0.00	70.19 2.68 0.00	77.27 2.87 0.00	80.91 3.16 0.00	82.72 3.18 -0.91	84.52 3.25 -5.43	77.25 2.91 -6.31	72.75 1.21 -42.47
MOHICAN___35_KV_115KV_LD 80490	70.17 4.03 0.00	56.34 3.41 0.00	54.76 3.31 0.00	50.89 3.24 0.00	58.81 3.84 0.00	62.82 4.43 0.00	88.61 6.85 0.00	74.65 5.31 0.00	70.70 5.03 0.00	56.28 3.58 0.00	57.85 3.26 0.00	59.66 3.29 0.00	58.90 3.00 0.00	57.75 3.19 0.00	62.15 3.79 0.00	68.71 5.12 0.00	71.31 5.66 0.00	73.37 5.86 0.00	80.77 6.38 0.00	84.69 6.93 0.00	86.36 6.81 -0.93	88.02 6.64 -5.54	80.62 6.14 -6.44	74.86 2.45 -43.35
MONGAUP___HYD 23641	69.09 2.95 0.00	55.29 2.37 0.00	53.62 2.17 0.00	49.62 1.97 0.00	57.19 2.23 0.00	61.00 2.60 0.00	85.61 3.85 0.00	72.82 3.48 0.00	68.86 3.19 0.00	55.42 2.73 0.00	57.38 2.79 0.00	58.80 2.44 0.00	58.32 2.41 0.00	56.76 2.21 0.00	61.15 2.78 0.00	67.23 3.64 0.00	69.76 4.12 0.00	72.11 4.60 0.00	79.76 5.37 0.00	83.18 5.42 0.00	84.88 5.50 -0.74	85.39 5.09 -4.46	77.61 4.39 -5.19	65.80 1.84 -34.89
MONTAUK___DIESEL 23721	73.42 7.28 -0.01	57.51 5.79 1.20	56.38 5.21 0.28	51.60 4.68 0.74	58.08 5.24 2.12	64.24 5.38 -0.47	98.39 6.45 -10.18	80.46 5.52 -5.60	78.44 5.25 -7.51	61.86 5.19 -3.97	63.68 6.60 -2.50	63.61 7.49 0.25	62.83 7.21 0.29	59.43 6.03 1.16	64.51 6.14 0.00	77.38 6.64 -7.15	80.02 6.88 -7.49	82.32 6.83 -7.98	93.17 9.29 -9.48	97.16 9.31 -10.10	100.13 9.53 -11.96	99.38 8.68 -14.86	84.13 7.47 -8.63	68.79 3.95 -35.78
MOONROAD_115KV_HARTFLD_TB1-2 355988	68.80 2.66 0.00	54.16 1.24 0.00	52.77 1.32 0.00	48.68 1.03 0.00	57.09 2.12 0.00	59.70 1.31 0.00	82.60 0.84 0.00	67.43 0.02 1.92	65.60 -0.07 0.00	52.76 0.06 0.00	55.03 0.44 0.00	57.00 0.63 0.00	57.25 1.34 0.00	55.73 1.17 0.00	59.11 0.74 0.00	63.84 0.24 0.00	65.83 0.18 0.00	67.20 -0.31 0.00	74.02 -0.38 0.00	76.55 -1.21 0.00	77.11 -1.65 -0.12	75.40 -1.18 -0.74	68.34 -0.55 -0.87	34.36 -0.51 -5.81

MORRIS_RIDGE___SOLAR 323848	66.58 0.28 -0.16	53.23 -0.58 -0.89	51.61 -0.44 -0.60	47.99 -0.44 -0.78	55.68 0.24 -0.47	58.02 -0.59 -0.21	80.59 -1.70 -0.53	66.10 -2.20 1.04	65.73 -1.98 -2.04	50.73 -1.96 0.00	52.95 -1.63 0.00	54.84 -1.53 0.00	54.82 -1.08 0.00	53.54 -1.02 0.00	57.06 -1.30 0.00	62.19 -1.41 0.00	64.54 -1.11 0.00	65.66 -1.85 0.00	72.39 -2.01 0.00	75.44 -2.32 0.00	75.98 -2.80 -0.14	73.77 -2.94 -0.87	66.88 -2.16 -1.01	34.89 -0.98 -6.80
MORTIMER_115KV_TB3 55949	66.64 0.50 0.00	52.92 -0.01 0.00	51.50 0.05 0.00	47.68 0.02 0.00	55.35 0.38 0.00	58.23 -0.16 0.00	80.77 -0.99 0.00	67.26 -1.15 0.92	64.86 -0.81 0.00	51.94 -0.76 0.00	54.03 -0.56 0.00	55.80 -0.57 0.00	55.79 -0.11 0.00	54.64 0.09 0.00	58.41 0.05 0.00	63.41 -0.18 0.00	65.40 -0.25 0.00	67.05 -0.46 0.00	73.88 -0.51 0.00	77.33 -0.43 0.00	78.29 -0.43 -0.09	75.61 -0.76 -0.53	68.15 -0.49 -0.61	32.92 -0.27 -4.12
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	68.65 2.51 0.00	55.06 2.13 0.00	53.36 1.91 0.00	49.38 1.73 0.00	56.85 1.88 0.00	60.61 2.21 0.00	84.83 3.07 0.00	72.29 2.95 0.00	68.56 2.89 0.00	55.63 2.93 0.00	58.15 3.57 0.00	60.22 3.85 0.00	59.83 3.93 0.00	58.18 3.62 0.00	62.38 4.02 0.00	67.61 4.02 0.00	69.56 3.91 0.00	71.72 4.21 0.00	79.27 4.88 0.00	82.54 4.79 0.00	84.39 4.98 -0.78	85.12 4.60 -4.68	77.49 4.02 -5.44	67.39 1.73 -36.59
MUNSVILLE_WIND_PWR 323609	71.22 4.94 -0.15	57.50 3.74 -0.83	55.70 3.69 -0.56	51.85 3.47 -0.72	59.66 4.25 -0.44	63.33 4.73 -0.20	89.55 7.33 -0.46	78.78 6.36 -3.08	72.55 5.18 -1.70	56.29 3.59 0.00	57.35 2.76 0.00	59.08 2.71 0.00	58.87 2.96 0.00	57.27 2.71 0.00	61.94 3.57 0.00	68.59 5.00 0.00	72.15 6.50 0.00	74.39 6.88 0.00	82.29 7.89 0.00	85.00 7.24 0.00	85.50 6.61 -0.26	83.04 5.62 -1.58	74.79 4.93 -1.83	43.47 2.07 -12.33
N SALMON___HYD 24042	70.25 4.12 0.00	55.49 2.57 0.00	53.93 2.48 0.00	49.76 2.11 0.00	57.73 2.76 0.00	61.04 2.65 0.00	84.15 2.39 0.00	71.20 1.86 0.00	68.23 2.56 0.00	54.83 2.13 0.00	57.12 2.53 0.00	59.15 2.78 0.00	56.75 0.85 0.00	55.64 1.09 0.00	59.44 1.07 0.00	64.05 0.45 0.00	65.94 0.29 0.00	67.46 -0.06 0.00	73.85 -0.54 0.00	77.76 0.00 0.00	79.45 0.80 -0.01	76.59 0.67 -0.09	67.92 -0.21 -0.10	29.17 -0.58 -0.69
N.AKRON__115KV_KNAPP 355671	67.21 1.07 0.00	53.22 0.30 0.00	51.86 0.41 0.00	47.99 0.33 0.00	55.93 0.96 0.00	58.20 -0.19 0.00	80.04 -1.72 0.00	65.96 -1.98 1.40	64.24 -1.43 0.00	51.46 -1.24 0.00	53.45 -1.14 0.00	55.20 -1.17 0.00	55.39 -0.51 0.00	54.35 -0.21 0.00	58.00 -0.37 0.00	62.76 -0.83 0.00	64.79 -0.86 0.00	66.30 -1.21 0.00	73.09 -1.31 0.00	76.60 -1.16 0.00	77.55 -1.18 -0.10	74.97 -1.49 -0.62	67.80 -0.95 -0.72	33.42 -0.51 -4.86
N.E_GEN_SANDY PD 24062	67.28 1.14 0.00	54.07 1.14 0.00	52.48 1.03 0.00	48.69 1.11 0.07	55.90 1.25 0.31	59.86 1.46 0.00	86.50 2.48 -2.27	70.40 1.92 0.86	67.38 1.79 0.08	54.53 1.03 -0.81	54.42 0.66 0.83	57.81 0.76 -0.68	56.18 0.66 0.38	55.76 1.02 -0.17	59.75 1.38 0.00	65.38 2.02 0.23	67.50 1.85 0.00	69.39 1.88 0.00	76.20 1.81 0.00	80.10 2.34 0.00	99.62 2.45 -18.53	87.17 2.95 -8.38	83.55 2.77 -12.74	89.22 1.19 -58.96
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	68.45 2.32 0.00	54.83 1.91 0.00	53.13 1.68 0.00	49.15 1.50 0.00	56.64 1.67 0.00	60.41 2.01 0.00	84.63 2.87 0.00	72.01 2.67 0.00	68.27 2.60 0.00	55.29 2.60 0.00	57.74 3.15 0.00	59.76 3.40 0.00	59.37 3.47 0.00	57.71 3.16 0.00	61.94 3.58 0.00	67.21 3.62 0.00	69.24 3.59 0.00	71.40 3.89 0.00	78.98 4.58 0.00	82.25 4.49 0.00	84.00 4.60 -0.77	84.64 4.21 -4.60	77.04 3.67 -5.35	66.63 1.59 -35.98
N.QUEENS_27_KV_LOAD 356247	69.09 2.96 0.00	55.49 2.57 0.00	53.75 2.30 0.00	49.75 2.09 0.00	56.96 1.99 0.00	60.63 2.24 0.00	84.92 3.16 0.00	72.55 3.21 0.00	68.80 3.13 0.00	55.85 3.16 0.00	58.33 3.74 0.00	60.42 4.06 0.00	60.04 4.14 0.00	58.33 3.77 0.00	62.54 4.17 0.00	67.75 4.15 0.00	69.79 4.14 0.00	71.92 4.41 0.00	79.41 5.01 0.00	82.77 5.01 0.00	84.63 5.22 -0.78	85.36 4.84 -4.68	77.75 4.28 -5.44	67.50 1.85 -36.59
N.TROY___115KV_TB1 355778	67.55 1.41 0.00	54.22 1.30 0.00	52.67 1.22 0.00	48.89 1.24 0.00	56.38 1.41 0.00	60.04 1.64 0.00	84.46 2.70 0.00	71.49 2.16 0.00	67.63 1.96 0.00	53.92 1.22 0.00	55.52 0.94 0.00	57.34 0.98 0.00	56.79 0.89 0.00	55.70 1.14 0.00	59.89 1.52 0.00	65.83 2.23 0.00	67.95 2.30 0.00	69.91 2.40 0.00	76.88 2.48 0.00	80.63 2.88 0.00	82.47 2.93 -0.91	84.44 3.14 -5.46	77.23 2.86 -6.35	72.97 1.20 -42.70
NARROWS_GT1_1 24228	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT1_2 24229	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT1_3 24230	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT1_4 24231	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT1_5 24232	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59

NARROWS_GT1_6 24233	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT1_7 24234	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT1_8 24235	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_1 24236	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_2 24237	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_3 24238	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_4 24239	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_5 24240	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_6 24241	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_7 24242	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NARROWS_GT2_8 24243	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.79 3.03 0.00	72.49 3.15 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.70 4.19 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.35 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	69.69 3.55 0.00	55.83 2.91 0.00	54.26 2.81 0.00	50.39 2.74 0.00	58.12 3.15 0.00	61.94 3.55 0.00	87.35 5.59 0.00	74.27 4.93 0.00	69.84 4.17 0.00	55.40 2.71 0.00	57.07 2.48 0.00	58.09 1.72 0.00	57.16 1.26 0.00	55.81 1.25 0.00	60.19 1.83 0.00	67.01 3.42 0.00	70.11 4.46 0.00	72.57 5.06 0.00	80.01 5.62 0.00	83.66 5.90 0.00	85.31 5.82 -0.86	86.35 5.37 -5.14	78.67 4.67 -5.98	71.13 1.84 -40.22
NCHELSEA_115KV_TR2 355582	68.98 2.84 0.00	55.26 2.34 0.00	53.59 2.15 0.00	49.61 1.96 0.00	57.16 2.19 0.00	60.93 2.54 0.00	85.42 3.66 0.00	72.68 3.34 0.00	68.89 3.22 0.00	55.63 2.93 0.00	57.92 3.33 0.00	59.89 3.52 0.00	59.44 3.54 0.00	57.88 3.32 0.00	62.20 3.84 0.00	67.70 4.10 0.00	69.81 4.16 0.00	71.97 4.46 0.00	79.56 5.16 0.00	82.92 5.16 0.00	84.71 5.29 -0.78	85.43 4.90 -4.69	77.73 4.25 -5.45	67.55 1.81 -36.68
NEG CAPITAL____MECHNVIL 23645	69.00 2.87 0.00	55.34 2.42 0.00	53.76 2.31 0.00	49.91 2.26 0.00	57.62 2.65 0.00	61.41 3.01 0.00	86.48 4.72 0.00	73.15 3.81 0.00	69.23 3.55 0.00	55.14 2.45 0.00	56.75 2.17 0.00	58.52 2.15 0.00	57.92 2.01 0.00	56.72 2.16 0.00	61.08 2.72 0.00	67.28 3.68 0.00	69.63 3.98 0.00	71.66 4.15 0.00	78.83 4.43 0.00	82.61 4.85 0.00	84.42 4.87 -0.92	86.20 4.85 -5.51	78.80 4.37 -6.41	73.98 1.79 -43.13
NEG CENTRAL_HIGH_ACRES 23767	64.97 -1.06 0.11	51.14 -1.18 0.60	49.94 -1.10 0.40	46.12 -1.01 0.52	53.75 -0.90 0.32	56.96 -1.29 0.14	79.09 -2.34 0.33	65.44 -2.22 1.68	62.48 -1.99 1.21	50.94 -1.76 0.00	52.91 -1.68 0.00	54.61 -1.76 0.00	54.52 -1.38 0.00	53.38 -1.18 0.00	57.09 -1.28 0.00	62.15 -1.45 0.00	64.14 -1.51 0.00	65.79 -1.72 0.00	72.51 -1.89 0.00	75.85 -1.90 0.00	76.81 -1.91 -0.08	74.24 -2.11 -0.51	66.80 -1.81 -0.59	32.22 -0.81 -3.96



NEG CENTRAL___DRP 24199	66.26 0.12 0.00	52.82 -0.11 0.00	51.36 -0.08 0.00	47.61 -0.05 0.00	55.12 0.15 0.00	58.42 0.03 0.00	81.70 -0.06 0.00	69.15 -0.19 0.00	65.42 -0.25 0.00	52.22 -0.48 0.00	53.90 -0.69 0.00	55.62 -0.75 0.00	55.44 -0.47 0.00	54.12 -0.44 0.00	57.96 -0.41 0.00	63.39 -0.20 0.00	65.77 0.12 0.00	67.63 0.13 0.00	74.57 0.17 0.00	77.87 0.11 0.00	78.81 0.09 -0.09	76.27 -0.10 -0.53	68.48 -0.16 -0.62	33.16 -0.07 -4.17
NEG CENTRAL___INDECK 23768	69.19 2.97 -0.09	55.14 1.71 -0.51	53.54 1.76 -0.34	49.67 1.58 -0.44	57.68 2.45 -0.27	60.60 2.08 -0.12	84.54 2.43 -0.35	69.82 1.71 1.22	68.63 1.50 -1.46	52.75 0.05 0.00	54.88 0.29 0.00	56.71 0.34 0.00	56.64 0.73 0.00	55.44 0.88 0.00	59.24 0.87 0.00	64.63 1.04 0.00	67.42 1.77 0.00	69.29 1.78 0.00	76.40 2.00 0.00	79.93 2.17 0.00	80.55 1.79 -0.13	77.88 1.26 -0.77	70.27 1.34 -0.90	35.59 0.46 -6.07
NEG CENTRAL___SENECA 23627	66.40 0.26 0.00	52.85 -0.07 0.00	51.42 -0.03 0.00	47.64 -0.02 0.00	55.21 0.24 0.00	58.43 0.04 0.00	81.62 -0.14 0.00	68.67 -0.29 0.38	65.43 -0.24 0.00	52.22 -0.47 0.00	53.93 -0.65 0.00	55.66 -0.70 0.00	55.50 -0.41 0.00	54.23 -0.33 0.00	58.08 -0.28 0.00	63.52 -0.08 0.00	65.86 0.21 0.00	67.71 0.20 0.00	74.60 0.20 0.00	77.97 0.21 0.00	78.91 0.19 -0.09	76.26 -0.10 -0.52	68.51 -0.11 -0.60	33.01 -0.09 -4.04
NEG CENTRAL___STATE_STREET 24147	66.50 0.36 0.00	53.11 0.18 0.00	51.67 0.22 0.00	47.87 0.22 0.00	55.36 0.38 0.00	58.77 0.37 0.00	82.37 0.61 0.00	70.11 0.42 -0.36	65.70 0.02 0.00	52.35 -0.34 0.00	54.04 -0.55 0.00	55.75 -0.62 0.00	55.61 -0.29 0.00	54.14 -0.42 0.00	57.97 -0.40 0.00	63.45 -0.15 0.00	66.04 0.39 0.00	67.99 0.48 0.00	74.94 0.54 0.00	78.06 0.30 0.00	79.20 0.47 -0.10	76.78 0.33 -0.61	68.80 0.06 -0.71	33.97 0.12 -4.79
NEG MILLWOOD___DRP 24198	69.14 3.00 0.00	55.38 2.46 0.00	53.71 2.26 0.00	49.71 2.06 0.00	57.30 2.33 0.00	61.08 2.68 0.00	85.64 3.87 0.00	72.89 3.55 0.00	69.08 3.41 0.00	55.83 3.14 0.00	58.17 3.58 0.00	60.19 3.83 0.00	59.77 3.86 0.00	58.15 3.59 0.00	62.44 4.08 0.00	67.90 4.31 0.00	69.98 4.33 0.00	72.18 4.67 0.00	79.89 5.50 0.00	83.17 5.41 0.00	84.95 5.53 -0.79	85.67 5.12 -4.71	77.94 4.43 -5.48	67.79 1.89 -36.84
NEG NORTH_FLCN_SEA 23793	68.99 2.85 0.00	54.53 1.61 0.00	52.97 1.52 0.00	48.86 1.21 0.00	56.72 1.75 0.00	59.99 1.59 0.00	82.23 0.47 0.00	69.48 0.14 0.00	66.57 0.90 0.00	53.96 1.27 0.00	56.36 1.77 0.00	58.47 2.11 0.00	56.18 0.28 0.00	55.14 0.58 0.00	58.90 0.53 0.00	63.32 -0.28 0.00	64.61 -1.05 0.00	66.12 -1.39 0.00	72.46 -1.94 0.00	76.32 -1.44 0.00	78.27 -0.38 -0.01	75.95 0.04 -0.07	67.58 -0.54 -0.08	28.92 -0.72 -0.57
NEG NORTH_KES_CHATEGAY 23792	69.32 3.18 0.00	54.76 1.84 0.00	53.21 1.76 0.00	49.07 1.42 0.00	56.97 2.00 0.00	60.29 1.89 0.00	83.04 1.28 0.00	70.16 0.82 0.00	67.13 1.46 0.00	54.01 1.32 0.00	56.40 1.81 0.00	58.50 2.13 0.00	56.18 0.28 0.00	55.14 0.58 0.00	58.88 0.51 0.00	63.37 -0.22 0.00	65.11 -0.53 0.00	66.64 -0.87 0.00	72.96 -1.43 0.00	76.83 -0.93 0.00	78.51 -0.14 -0.01	75.68 -0.24 -0.08	67.23 -0.89 -0.09	28.77 -0.90 -0.61
NEG NORTH___ALICE_FALLS 23915	69.65 3.51 0.00	55.03 2.11 0.00	53.46 2.01 0.00	49.31 1.65 0.00	57.25 2.28 0.00	60.59 2.20 0.00	83.36 1.60 0.00	70.47 1.13 0.00	67.44 1.77 0.00	54.35 1.66 0.00	56.72 2.14 0.00	58.84 2.48 0.00	56.51 0.60 0.00	55.40 0.85 0.00	59.19 0.82 0.00	63.72 0.12 0.00	65.27 -0.38 0.00	66.87 -0.63 0.00	73.32 -1.08 0.00	77.21 -0.54 0.00	79.00 0.36 -0.01	76.42 0.51 -0.07	67.93 -0.19 -0.09	29.06 -0.58 -0.58
NEG NORTH___LWR_SARANAC 23913	69.65 3.51 0.00	55.03 2.11 0.00	53.46 2.01 0.00	49.31 1.65 0.00	57.25 2.28 0.00	60.59 2.20 0.00	83.36 1.60 0.00	70.47 1.13 0.00	67.44 1.77 0.00	54.35 1.66 0.00	56.72 2.14 0.00	58.84 2.48 0.00	56.51 0.60 0.00	55.40 0.85 0.00	59.19 0.82 0.00	63.72 0.12 0.00	65.27 -0.38 0.00	66.87 -0.63 0.00	73.32 -1.08 0.00	77.21 -0.54 0.00	79.00 0.36 -0.01	76.42 0.51 -0.07	67.93 -0.19 -0.09	29.06 -0.58 -0.58
NEG NORTH___PLATTSBURG 23628	69.64 3.51 0.00	55.03 2.11 0.00	53.46 2.02 0.00	49.33 1.67 0.00	57.25 2.28 0.00	60.60 2.20 0.00	83.36 1.60 0.00	70.47 1.13 0.00	67.43 1.76 0.00	54.35 1.66 0.00	56.72 2.14 0.00	58.84 2.47 0.00	56.50 0.60 0.00	55.40 0.85 0.00	59.19 0.82 0.00	63.72 0.12 0.00	65.27 -0.38 0.00	66.88 -0.63 0.00	73.32 -1.08 0.00	77.21 -0.54 0.00	79.03 0.39 -0.01	76.53 0.61 -0.07	67.93 -0.19 -0.09	29.06 -0.58 -0.58
NEG WEST_LEA_LOCKPORT 23791	66.30 0.16 0.00	52.48 -0.45 0.00	51.17 -0.28 0.00	47.34 -0.32 0.00	55.16 0.19 0.00	57.27 -1.13 0.00	78.47 -3.29 0.00	64.41 -3.43 1.49	62.99 -2.68 0.00	50.69 -2.01 0.00	52.82 -1.77 0.00	54.64 -1.73 0.00	54.91 -0.99 0.00	53.90 -0.66 0.00	57.45 -0.92 0.00	61.89 -1.71 0.00	63.62 -2.03 0.00	64.98 -2.53 0.00	71.59 -2.81 0.00	75.06 -2.70 0.00	76.06 -2.68 -0.11	73.62 -2.86 -0.64	66.67 -2.10 -0.74	33.10 -0.97 -5.00
NEG WEST___LANCASTR 23811	66.91 0.77 0.00	52.89 -0.04 0.00	51.54 0.09 0.00	47.70 0.05 0.00	55.60 0.63 0.00	58.07 -0.33 0.00	80.05 -1.71 0.00	65.27 -2.09 1.98	64.20 -1.47 0.00	51.56 -1.13 0.00	53.92 -0.67 0.00	55.84 -0.53 0.00	56.01 0.11 0.00	54.93 0.37 0.00	58.50 0.13 0.00	63.17 -0.43 0.00	65.00 -0.65 0.00	66.25 -1.26 0.00	72.97 -1.43 0.00	76.30 -1.45 0.00	77.33 -1.43 -0.12	74.80 -1.78 -0.74	67.76 -1.13 -0.86	34.14 -0.71 -5.78
NEG_PENN_ALLEGHNY 23528	67.09 0.77 -0.18	54.38 0.42 -1.03	52.60 0.46 -0.70	48.96 0.41 -0.90	56.17 0.65 -0.55	59.24 0.60 -0.25	83.17 0.85 -0.57	72.14 0.57 -2.23	68.25 0.53 -2.05	53.07 0.37 0.00	55.01 0.42 0.00	56.78 0.42 0.00	56.45 0.55 0.00	55.01 0.45 0.00	58.79 0.42 0.00	64.04 0.45 0.00	66.43 0.78 0.00	68.22 0.72 0.00	75.36 0.96 0.00	78.66 0.91 0.00	79.73 0.83 -0.27	78.12 0.65 -1.63	70.59 0.67 -1.89	42.04 0.23 -12.74
NEG___GEN_MONROE 24207	67.42 1.29 0.00	53.64 0.72 0.00	52.21 0.77 0.00	48.34 0.69 0.00	56.38 1.41 0.00	58.99 0.60 0.00	81.71 -0.05 0.00	67.80 -0.59 0.95	65.34 -0.33 0.00	52.21 -0.48 0.00	54.17 -0.42 0.00	55.98 -0.38 0.00	55.96 0.06 0.00	54.94 0.38 0.00	58.68 0.31 0.00	63.78 0.18 0.00	65.89 0.24 0.00	67.56 0.05 0.00	74.46 0.07 0.00	77.95 0.19 0.00	78.96 0.24 -0.09	76.16 -0.22 -0.53	68.67 0.02 -0.62	33.19 -0.03 -4.16
NEPA___ENERGY 23901	66.75 0.62 0.00	52.46 -0.46 0.00	51.15 -0.30 0.00	47.26 -0.39 0.00	55.46 0.49 0.00	57.79 -0.61 0.00	79.90 -1.86 0.00	64.76 -2.62 1.96	63.64 -2.03 0.00	51.49 -1.20 0.00	53.89 -0.70 0.00	55.93 -0.43 0.00	56.23 0.32 0.00	54.60 0.04 0.00	57.92 -0.45 0.00	62.46 -1.14 0.00	64.45 -1.20 0.00	65.60 -1.91 0.00	72.75 -1.64 0.00	75.68 -2.08 0.00	76.54 -2.22 -0.13	74.37 -2.23 -0.75	67.36 -1.54 -0.88	34.10 -0.86 -5.90

NEVERSINK___HYD 23608	69.00 2.86 0.00	55.23 2.31 0.00	53.59 2.14 0.00	49.61 1.95 0.00	57.19 2.22 0.00	60.96 2.56 0.00	85.56 3.80 0.00	72.79 3.45 0.00	68.95 3.28 0.00	55.58 2.88 0.00	57.63 3.04 0.00	59.35 2.99 0.00	58.61 2.71 0.00	55.63 1.07 0.00	59.93 1.56 0.00	65.54 1.94 0.00	67.84 2.19 0.00	70.02 2.51 0.00	77.47 3.08 0.00	80.72 2.97 0.00	82.65 3.28 -0.74	85.24 4.95 -4.45	77.50 4.30 -5.17	65.68 1.81 -34.81
NEWKRMKL_115KV_TB1 55635	66.83 0.69 0.00	53.63 0.71 0.00	52.10 0.65 0.00	48.33 0.68 0.00	55.65 0.68 0.00	59.24 0.84 0.00	83.19 1.43 0.00	70.60 1.27 0.00	66.81 1.14 0.00	53.47 0.78 0.00	55.30 0.71 0.00	57.01 0.65 0.00	56.49 0.59 0.00	55.29 0.74 0.00	59.47 1.10 0.00	65.20 1.61 0.00	67.23 1.57 0.00	69.13 1.62 0.00	76.13 1.73 0.00	79.66 1.90 0.00	81.45 1.92 -0.90	83.23 2.00 -5.39	76.10 1.81 -6.27	71.99 0.77 -42.15
NEWTON___FALLS_HYD 23847	68.14 2.01 0.00	54.10 1.18 0.00	52.62 1.17 0.00	48.55 0.90 0.00	56.17 1.20 0.00	59.24 0.84 0.00	82.24 0.48 0.00	69.76 0.42 0.00	66.50 0.82 0.00	53.19 0.49 0.00	54.90 0.31 0.00	56.54 0.17 0.00	54.78 -1.12 0.00	53.63 -0.93 0.00	57.42 -0.95 0.00	62.50 -1.10 0.00	64.93 -0.72 0.00	66.47 -1.05 0.00	72.82 -1.58 0.00	76.22 -1.54 0.00	77.49 -1.17 -0.03	74.65 -1.36 -0.16	66.49 -1.73 -0.19	29.31 -1.04 -1.29
NGRID_A1_DSASP 323792	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
NGRID_A2_DSASP 323793	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
NGRID_A4_DSASP 323807	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
NIAGARA_115E_LBMP 323715	65.06 -0.79 0.28	50.17 -1.15 1.60	49.43 -0.94 1.07	45.32 -0.95 1.39	53.70 -0.43 0.84	55.98 -2.04 0.38	76.16 -4.71 0.89	60.03 -4.71 4.59	58.60 -3.83 3.25	49.91 -2.78 0.00	52.00 -2.59 0.00	53.76 -2.61 0.00	54.06 -1.84 0.00	53.12 -1.44 0.00	56.60 -1.77 0.00	60.90 -2.69 0.00	62.47 -3.18 0.00	63.77 -3.74 0.00	70.25 -4.14 0.00	73.74 -4.02 0.00	74.75 -3.99 -0.11	72.36 -4.12 -0.65	65.58 -3.20 -0.75	32.72 -1.43 -5.08
NIAGARA_115W_LBMP 323714	65.17 -0.67 0.29	50.14 -1.14 1.65	49.32 -1.02 1.11	45.28 -0.94 1.43	53.38 -0.72 0.87	55.92 -2.09 0.39	76.14 -4.71 0.92	60.12 -4.51 4.70	58.81 -3.49 3.37	49.86 -2.84 0.00	52.06 -2.52 0.00	53.82 -2.54 0.00	54.15 -1.75 0.00	53.19 -1.37 0.00	56.69 -1.68 0.00	60.73 -2.87 0.00	62.00 -3.65 0.00	63.26 -4.25 0.00	69.67 -4.73 0.00	73.13 -4.62 0.00	74.18 -4.56 -0.11	71.81 -4.68 -0.65	65.35 -3.43 -0.75	32.69 -1.43 -5.06
NIAGARA_230_LBMP 323716	65.37 -0.48 0.29	50.35 -0.94 1.64	49.55 -0.79 1.11	45.45 -0.78 1.43	53.70 -0.40 0.87	56.35 -1.65 0.39	76.82 -4.03 0.91	60.61 -4.09 4.63	59.09 -3.24 3.34	50.29 -2.40 0.00	52.56 -2.03 0.00	54.34 -2.02 0.00	54.66 -1.25 0.00	53.66 -0.90 0.00	57.19 -1.18 0.00	61.49 -2.11 0.00	63.00 -2.65 0.00	64.25 -3.25 0.00	70.81 -3.59 0.00	74.25 -3.51 0.00	75.30 -3.44 -0.11	72.81 -3.66 -0.64	66.10 -2.67 -0.74	32.90 -1.15 -4.99
NIAGARA___115KV_198_GIBSON 55903	65.47 -0.66 0.00	51.81 -1.11 0.00	50.47 -0.98 0.00	46.71 -0.94 0.00	54.29 -0.68 0.00	56.32 -2.08 0.00	77.05 -4.71 0.00	63.31 -4.51 1.51	62.19 -3.48 0.00	49.87 -2.83 0.00	52.06 -2.53 0.00	53.85 -2.52 0.00	54.17 -1.74 0.00	53.20 -1.36 0.00	56.68 -1.69 0.00	60.71 -2.88 0.00	62.02 -3.63 0.00	63.30 -4.21 0.00	69.66 -4.73 0.00	73.14 -4.62 0.00	74.18 -4.56 -0.11	71.87 -4.62 -0.65	65.37 -3.41 -0.75	32.69 -1.44 -5.06
NIAGARA____ 23760	65.37 -0.48 0.28	50.38 -0.94 1.61	49.58 -0.79 1.08	45.47 -0.78 1.40	53.72 -0.40 0.85	56.36 -1.65 0.39	76.83 -4.03 0.90	60.62 -4.09 4.63	59.11 -3.24 3.32	50.29 -2.40 0.00	52.56 -2.03 0.00	54.34 -2.02 0.00	54.66 -1.25 0.00	53.66 -0.90 0.00	57.19 -1.18 0.00	61.49 -2.11 0.00	63.00 -2.65 0.00	64.25 -3.25 0.00	70.81 -3.59 0.00	74.25 -3.51 0.00	75.30 -3.44 -0.11	72.82 -3.66 -0.64	66.10 -2.67 -0.75	32.98 -1.15 -5.07
NINE_MILE_1 23575	63.92 -2.21 0.00	51.13 -1.80 0.00	49.72 -1.73 0.00	46.04 -1.61 0.00	53.16 -1.81 0.00	56.42 -1.97 0.00	78.97 -2.79 0.00	66.95 -2.38 0.00	63.40 -2.28 0.00	50.81 -1.88 0.00	52.58 -2.01 0.00	54.27 -2.10 0.00	53.90 -2.00 0.00	52.62 -1.94 0.00	56.33 -2.03 0.00	61.42 -2.17 0.00	63.49 -2.16 0.00	65.32 -2.19 0.00	72.01 -2.39 0.00	75.21 -2.55 0.00	76.10 -2.59 -0.06	73.65 -2.53 -0.34	66.17 -2.26 -0.40	30.80 -0.93 -2.66
NINE_MILE_2 23744	63.94 -2.20 0.00	51.13 -1.80 0.00	49.72 -1.72 0.00	46.05 -1.61 0.00	53.16 -1.81 0.00	56.42 -1.97 0.00	78.97 -2.79 0.00	66.95 -2.38 0.00	63.40 -2.28 0.00	50.82 -1.88 0.00	52.58 -2.01 0.00	54.27 -2.09 0.00	53.90 -2.00 0.00	52.63 -1.93 0.00	56.33 -2.03 0.00	61.43 -2.17 0.00	63.50 -2.15 0.00	65.32 -2.19 0.00	72.01 -2.39 0.00	75.21 -2.55 0.00	76.10 -2.59 -0.06	73.64 -2.53 -0.34	66.17 -2.25 -0.39	30.78 -0.92 -2.64
NM_CAPITAL___DRP 24208	66.83 0.69 0.00	53.63 0.71 0.00	52.11 0.66 0.00	48.34 0.69 0.00	55.68 0.71 0.00	59.24 0.84 0.00	83.22 1.46 0.00	70.60 1.27 0.00	66.81 1.14 0.00	53.46 0.76 0.00	55.25 0.66 0.00	56.98 0.62 0.00	56.47 0.56 0.00	55.29 0.73 0.00	59.45 1.08 0.00	65.17 1.57 0.00	67.16 1.52 0.00	69.06 1.55 0.00	76.03 1.63 0.00	79.64 1.89 0.00	81.43 1.89 -0.90	83.26 2.02 -5.40	76.14 1.84 -6.28	72.06 0.78 -42.21
NM_CENTRAL___DRP 24181	65.24 -0.90 0.00	52.13 -0.79 0.00	50.71 -0.74 0.00	46.97 -0.68 0.00	54.26 -0.71 0.00	57.61 -0.78 0.00	80.72 -1.04 0.00	68.43 -0.90 0.00	64.77 -0.90 0.00	51.87 -0.82 0.00	53.64 -0.95 0.00	55.34 -1.02 0.00	54.99 -0.91 0.00	53.69 -0.87 0.00	57.51 -0.86 0.00	62.79 -0.80 0.00	64.97 -0.68 0.00	66.81 -0.70 0.00	73.65 -0.75 0.00	76.93 -0.82 0.00	77.82 -0.89 -0.08	75.33 -0.98 -0.47	67.70 -0.87 -0.54	32.33 -0.37 -3.64

NM_FRONTIER___DRP 24179	65.47 -0.66 0.00	51.81 -1.11 0.00	50.47 -0.98 0.00	46.71 -0.94 0.00	54.29 -0.68 0.00	56.32 -2.08 0.00	77.05 -4.71 0.00	63.31 -4.51 1.51	62.19 -3.48 0.00	49.87 -2.83 0.00	52.06 -2.53 0.00	53.85 -2.52 0.00	54.17 -1.74 0.00	53.20 -1.36 0.00	56.68 -1.69 0.00	60.71 -2.88 0.00	62.02 -3.63 0.00	63.30 -4.21 0.00	69.66 -4.73 0.00	73.14 -4.62 0.00	74.18 -4.56 -0.11	71.87 -4.62 -0.65	65.37 -3.41 -0.75	32.69 -1.44 -5.06
NM_ST_REGIS___HYD 24053	69.60 3.47 0.00	55.01 2.08 0.00	53.43 1.99 0.00	49.30 1.65 0.00	57.15 2.18 0.00	60.14 1.74 0.00	82.82 1.05 0.00	70.06 0.73 0.00	67.24 1.56 0.00	54.00 1.30 0.00	56.21 1.62 0.00	58.16 1.79 0.00	55.81 -0.09 0.00	54.75 0.19 0.00	58.44 0.07 0.00	62.92 -0.67 0.00	64.92 -0.73 0.00	66.29 -1.22 0.00	72.58 -1.82 0.00	76.33 -1.43 0.00	77.91 -0.74 -0.02	75.15 -0.80 -0.11	66.91 -1.24 -0.13	29.04 -0.87 -0.85
NORTHPORT___1 23551	69.81 3.91 0.24	54.99 3.45 1.38	54.21 3.06 0.30	49.57 2.70 0.78	55.31 2.59 2.25	58.21 2.24 2.43	31.73 1.96 51.99	42.57 1.85 28.62	29.35 2.04 38.36	34.85 2.46 20.31	45.78 3.82 12.64	61.13 5.04 0.27	60.53 4.93 0.30	57.46 4.12 1.22	62.10 3.74 0.00	30.68 3.59 36.50	30.68 3.30 38.27	30.68 3.96 40.79	30.68 4.73 48.45	30.68 4.50 51.58	27.04 4.79 56.38	32.82 4.35 47.36	51.44 3.42 20.01	63.48 2.23 -32.19
NORTHPORT___2 23552	69.81 3.91 0.24	54.99 3.45 1.38	54.21 3.06 0.30	49.57 2.70 0.78	55.31 2.59 2.25	58.21 2.24 2.43	31.73 1.96 51.99	42.57 1.85 28.62	29.35 2.04 38.36	34.85 2.46 20.31	45.78 3.82 12.64	61.13 5.04 0.27	60.53 4.93 0.30	57.46 4.12 1.22	62.10 3.74 0.00	30.68 3.59 36.50	30.68 3.30 38.27	30.68 3.96 40.79	30.68 4.73 48.45	30.68 4.50 51.58	27.04 4.79 56.38	32.82 4.35 47.36	51.44 3.42 20.01	63.48 2.23 -32.19
NORTHPORT___3 23553	69.89 3.91 0.16	55.03 3.46 1.35	54.23 3.08 0.30	49.60 2.72 0.77	55.34 2.59 2.23	59.24 2.26 1.43	53.22 1.96 30.50	54.42 1.87 16.79	45.20 2.03 22.50	43.23 2.44 11.91	51.01 3.83 7.41	61.17 5.07 0.27	60.56 4.96 0.30	57.50 4.15 1.21	62.09 3.73 0.00	45.73 3.55 21.41	46.48 3.28 22.45	47.52 3.94 23.93	50.68 4.71 28.42	51.99 4.49 30.26	50.68 4.79 32.75	54.31 4.33 25.85	61.30 3.39 10.12	64.70 2.22 -33.42
NORTHPORT___4 23650	69.89 3.91 0.16	55.03 3.46 1.35	54.23 3.08 0.30	49.60 2.72 0.77	55.34 2.59 2.23	59.24 2.26 1.43	53.22 1.96 30.50	54.42 1.87 16.79	45.20 2.03 22.50	43.23 2.44 11.91	51.01 3.83 7.41	61.17 5.07 0.27	60.56 4.96 0.30	57.50 4.15 1.21	62.09 3.73 0.00	45.73 3.55 21.41	46.48 3.28 22.45	47.52 3.94 23.93	50.68 4.71 28.42	51.99 4.49 30.26	50.68 4.79 32.75	54.31 4.33 25.85	61.30 3.39 10.12	64.70 2.22 -33.42
NORTHPORT___IC 23718	69.79 3.89 0.24	54.97 3.43 1.38	54.22 3.07 0.30	49.57 2.70 0.78	55.31 2.58 2.25	58.21 2.25 2.43	31.74 1.98 51.99	42.57 1.85 28.62	29.35 2.04 38.36	34.84 2.45 20.31	45.78 3.82 12.64	61.05 4.95 0.27	60.48 4.88 0.30	57.45 4.11 1.22	62.10 3.74 0.00	30.68 3.59 36.50	30.67 3.29 38.27	30.68 3.96 40.79	30.68 4.73 48.45	30.69 4.52 51.58	27.06 4.80 56.38	32.82 4.34 47.36	51.41 3.39 20.01	63.49 2.23 -32.19
NORTH___COUNTRY_ESR 323785	69.10 2.96 0.00	54.60 1.67 0.00	53.06 1.61 0.00	48.95 1.30 0.00	56.81 1.84 0.00	60.11 1.71 0.00	82.74 0.98 0.00	69.89 0.55 0.00	66.97 1.30 0.00	54.00 1.31 0.00	56.40 1.80 0.00	58.49 2.12 0.00	56.17 0.27 0.00	55.14 0.58 0.00	58.88 0.51 0.00	63.35 -0.24 0.00	64.98 -0.67 0.00	66.47 -1.04 0.00	72.84 -1.56 0.00	76.68 -1.08 0.00	78.37 -0.27 -0.01	75.65 -0.27 -0.08	67.12 -1.00 -0.09	28.74 -0.94 -0.62
NPX_GEN_1385_PROXY 323591	69.89 3.99 0.24	55.21 3.67 1.38	54.43 3.28 0.30	49.72 2.85 0.78	54.88 2.88 2.97	58.63 2.66 2.43	102.57 2.69 -18.13	53.36 2.45 18.42	45.30 2.51 22.89	35.07 2.68 20.31	45.42 3.47 12.64	60.93 4.83 0.27	60.28 4.68 0.30	57.37 4.03 1.22	62.56 4.19 0.00	143.97 4.14 -76.24	90.09 3.89 -20.55	119.34 4.54 -47.29	78.00 5.37 1.76	31.27 5.09 51.58	27.55 5.29 56.38	60.64 4.97 20.17	51.75 3.72 20.01	63.68 2.42 -32.19
NPX_GEN_CSC 323557	71.49 5.34 -0.01	56.14 4.43 1.21	55.14 3.98 0.28	50.47 3.56 0.74	55.81 3.69 2.85	62.44 3.57 -0.47	95.79 3.78 -10.24	78.14 3.17 -5.64	76.39 3.15 -7.56	60.15 3.45 -4.00	61.85 4.76 -2.51	62.00 5.88 0.25	61.30 5.69 0.29	58.08 4.68 1.16	62.91 4.54 0.00	75.55 4.75 -7.19	77.90 4.72 -7.54	80.94 5.40 -8.04	90.54 6.59 -9.55	94.36 6.43 -10.16	97.36 6.68 -12.04	96.83 6.06 -14.93	81.76 5.08 -8.66	67.79 2.95 -35.78
NSINS_S_GLNS_FALLS 23858	70.13 4.00 0.00	56.30 3.38 0.00	54.75 3.30 0.00	50.88 3.23 0.00	58.78 3.81 0.00	62.77 4.38 0.00	88.53 6.77 0.00	74.61 5.27 0.00	70.66 4.98 0.00	56.28 3.58 0.00	57.85 3.27 0.00	59.67 3.31 0.00	58.92 3.02 0.00	57.74 3.18 0.00	62.12 3.75 0.00	68.65 5.06 0.00	71.22 5.58 0.00	73.27 5.77 0.00	80.69 6.30 0.00	84.61 6.85 0.00	86.30 6.74 -0.93	87.94 6.56 -5.55	80.54 6.07 -6.45	74.86 2.42 -43.37
NUCOR_STEEL___DRP 24197	66.42 0.28 0.00	53.06 0.13 0.00	51.62 0.17 0.00	47.83 0.17 0.00	55.30 0.33 0.00	58.71 0.31 0.00	82.30 0.54 0.00	70.03 0.35 -0.34	65.60 -0.08 0.00	52.28 -0.41 0.00	53.98 -0.61 0.00	55.69 -0.68 0.00	55.57 -0.33 0.00	54.08 -0.47 0.00	57.90 -0.47 0.00	63.36 -0.24 0.00	65.96 0.31 0.00	67.91 0.40 0.00	74.85 0.45 0.00	77.94 0.19 0.00	79.11 0.37 -0.10	76.70 0.26 -0.60	68.70 -0.03 -0.70	33.89 0.10 -4.72
NUMBER_THREE_WT_PWR 323818	68.05 1.91 0.00	54.32 1.40 0.00	52.92 1.47 0.00	48.86 1.21 0.00	56.49 1.52 0.00	60.07 1.67 0.00	84.10 2.34 0.00	71.47 2.13 0.00	67.70 2.03 0.00	53.93 1.24 0.00	55.13 0.54 0.00	56.50 0.13 0.00	55.35 -0.56 0.00	54.06 -0.50 0.00	58.01 -0.36 0.00	63.83 0.23 0.00	66.83 1.18 0.00	68.54 1.04 0.00	75.09 0.69 0.00	78.27 0.51 0.00	79.17 0.50 -0.03	75.83 -0.21 -0.20	67.51 -0.75 -0.23	29.99 -0.65 -1.58
NYISO_LBMP_REFERENCE 24008	66.14 0.00 0.00	52.92 0.00 0.00	51.45 0.00 0.00	47.65 0.00 0.00	54.97 0.00 0.00	58.40 0.00 0.00	81.76 0.00 0.00	69.34 0.00 0.00	65.67 0.00 0.00	52.69 0.00 0.00	54.59 0.00 0.00	56.36 0.00 0.00	55.90 0.00 0.00	54.56 0.00 0.00	58.37 0.00 0.00	63.60 0.00 0.00	65.65 0.00 0.00	67.51 0.00 0.00	74.39 0.00 0.00	77.76 0.00 0.00	78.63 0.00 0.00	75.84 0.00 0.00	68.03 0.00 0.00	29.07 0.00 0.00
NYPA_BRENTWD____GT 24164	71.17 4.92 -0.12	56.20 4.01 0.73	54.96 3.75 0.24	50.38 3.35 0.62	56.48 3.30 1.78	61.82 3.02 -0.41	93.74 3.11 -8.86	76.84 2.63 -4.88	75.41 3.19 -6.54	59.50 3.35 -3.46	61.52 4.75 -2.19	62.02 5.84 0.18	61.30 5.64 0.24	58.40 4.81 0.97	63.05 4.68 0.00	74.78 4.97 -6.22	76.60 4.43 -6.52	79.55 5.09 -6.95	88.67 6.02 -8.26	92.34 5.79 -8.79	94.94 5.79 -10.52	94.82 5.44 -13.54	81.07 4.78 -8.26	67.70 2.71 -35.92

NYPA_GOWANUS____GT5 24156	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.78 3.02 0.00	72.46 3.12 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.56 3.91 0.00	71.70 4.19 0.00	79.23 4.84 0.00	82.49 4.73 0.00	84.34 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NYPA_GOWANUS____GT6 24157	68.83 2.70 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	56.99 2.02 0.00	60.75 2.35 0.00	84.78 3.02 0.00	72.46 3.12 0.00	68.65 2.98 0.00	55.81 3.11 0.00	58.33 3.74 0.00	60.40 4.04 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.06 0.00	69.56 3.91 0.00	71.70 4.19 0.00	79.23 4.84 0.00	82.49 4.73 0.00	84.34 4.93 -0.78	85.18 4.66 -4.68	77.60 4.13 -5.44	67.43 1.78 -36.59
NYPA_HARLEM__RVR__GT1 24160	68.94 2.80 0.00	55.38 2.45 0.00	53.64 2.19 0.00	49.64 1.99 0.00	56.84 1.87 0.00	60.52 2.12 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.65 2.98 0.00	55.72 3.03 0.00	58.21 3.62 0.00	60.27 3.91 0.00	59.86 3.96 0.00	58.17 3.61 0.00	62.37 4.00 0.00	67.55 3.95 0.00	69.64 3.99 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.56 4.80 0.00	84.42 5.01 -0.78	85.15 4.63 -4.68	77.57 4.11 -5.44	67.42 1.77 -36.59
NYPA_HARLEM__RVR__GT2 24161	68.94 2.80 0.00	55.38 2.45 0.00	53.64 2.19 0.00	49.64 1.99 0.00	56.84 1.87 0.00	60.52 2.12 0.00	84.76 3.00 0.00	72.41 3.07 0.00	68.65 2.98 0.00	55.72 3.03 0.00	58.21 3.62 0.00	60.27 3.91 0.00	59.86 3.96 0.00	58.17 3.61 0.00	62.37 4.00 0.00	67.55 3.95 0.00	69.64 3.99 0.00	71.77 4.26 0.00	79.25 4.85 0.00	82.56 4.80 0.00	84.42 5.01 -0.78	85.15 4.63 -4.68	77.57 4.11 -5.44	67.42 1.77 -36.59
NYPA_KENT____GT 24152	68.79 2.65 0.00	55.32 2.39 0.00	53.59 2.14 0.00	49.59 1.94 0.00	56.97 2.00 0.00	60.70 2.30 0.00	84.73 2.96 0.00	72.38 3.04 0.00	68.61 2.94 0.00	55.80 3.10 0.00	58.34 3.76 0.00	60.40 4.04 0.00	60.03 4.13 0.00	58.38 3.82 0.00	62.56 4.20 0.00	67.68 4.08 0.00	69.56 3.91 0.00	71.70 4.19 0.00	79.23 4.84 0.00	82.48 4.72 0.00	84.33 4.91 -0.78	85.12 4.61 -4.68	77.52 4.05 -5.44	67.42 1.77 -36.59
NYPA_POUCH1____GT 24155	68.63 2.50 0.00	55.32 2.40 0.00	53.57 2.12 0.00	49.57 1.91 0.00	56.92 1.95 0.00	60.66 2.26 0.00	84.61 2.85 0.00	72.36 3.02 0.00	68.48 2.81 0.00	55.60 2.90 0.00	58.07 3.49 0.00	60.12 3.76 0.00	59.71 3.80 0.00	58.05 3.49 0.00	62.23 3.86 0.00	66.62 3.71 0.69	69.19 3.55 0.01	71.33 3.82 0.01	78.99 4.60 0.00	82.35 4.59 0.00	84.21 4.80 -0.78	85.17 4.66 -4.68	77.67 4.20 -5.44	67.48 1.82 -36.59
NYPA_VERNON____GT2 24162	68.74 2.60 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.57 1.91 0.00	56.95 1.98 0.00	60.66 2.26 0.00	84.74 2.98 0.00	72.37 3.03 0.00	68.62 2.95 0.00	55.78 3.09 0.00	58.37 3.78 0.00	60.43 4.06 0.00	60.05 4.14 0.00	58.38 3.82 0.00	62.58 4.21 0.00	67.71 4.11 0.00	69.62 3.97 0.00	71.77 4.26 0.00	79.29 4.89 0.00	82.52 4.77 0.00	84.38 4.96 -0.78	85.13 4.61 -4.68	77.50 4.04 -5.44	67.41 1.75 -36.59
NYPA_VERNON____GT3 24163	68.74 2.60 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.57 1.91 0.00	56.95 1.98 0.00	60.66 2.26 0.00	84.74 2.98 0.00	72.37 3.03 0.00	68.62 2.95 0.00	55.78 3.09 0.00	58.37 3.78 0.00	60.43 4.06 0.00	60.05 4.14 0.00	58.38 3.82 0.00	62.58 4.21 0.00	67.71 4.11 0.00	69.62 3.97 0.00	71.77 4.26 0.00	79.29 4.89 0.00	82.52 4.77 0.00	84.38 4.96 -0.78	85.13 4.61 -4.68	77.50 4.04 -5.44	67.41 1.75 -36.59
NYPA____ASTORIA_CC1 323568	68.73 2.60 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.34 3.00 0.00	68.61 2.93 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.19 0.00	67.68 4.08 0.00	69.59 3.94 0.00	71.75 4.24 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.48 4.01 -5.44	67.39 1.74 -36.59
NYPA____ASTORIA_CC2 323569	68.73 2.60 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.90 0.00	56.93 1.96 0.00	60.63 2.24 0.00	84.72 2.96 0.00	72.34 3.00 0.00	68.61 2.93 0.00	55.76 3.07 0.00	58.34 3.75 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.37 3.81 0.00	62.56 4.19 0.00	67.68 4.08 0.00	69.59 3.94 0.00	71.75 4.24 0.00	79.25 4.85 0.00	82.50 4.75 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.48 4.01 -5.44	67.39 1.74 -36.59
NYPA____HOLTSVILL 23794	70.67 4.53 0.00	55.51 3.82 1.24	54.58 3.42 0.29	49.93 3.03 0.75	55.86 3.04 2.15	61.69 2.79 -0.49	95.20 2.69 -10.76	77.52 2.26 -5.92	76.04 2.43 -7.94	59.75 2.85 -4.20	61.41 4.19 -2.64	61.49 5.38 0.25	60.83 5.22 0.29	57.73 4.34 1.17	62.44 4.07 0.00	75.21 4.06 -7.55	77.39 3.83 -7.92	80.42 4.47 -8.44	89.81 5.40 -10.02	93.62 5.20 -10.67	96.70 5.47 -12.60	96.24 4.97 -15.44	80.98 4.08 -8.88	67.40 2.54 -35.79
NYPA____HELLGATE_GT1 24158	68.94 2.80 0.00	55.38 2.45 0.00	53.64 2.19 0.00	49.64 1.99 0.00	56.84 1.87 0.00	60.44 2.04 0.00	84.65 2.88 0.00	72.29 2.95 0.00	68.54 2.87 0.00	55.64 2.94 0.00	58.15 3.56 0.00	60.24 3.88 0.00	59.86 3.96 0.00	58.17 3.61 0.00	62.37 4.00 0.00	67.54 3.95 0.00	69.52 3.87 0.00	71.64 4.13 0.00	79.11 4.71 0.00	82.48 4.73 0.00	84.37 4.96 -0.78	85.09 4.57 -4.68	77.52 4.05 -5.44	67.42 1.76 -36.59
NYPA____HELLGATE_GT2 24159	68.94 2.80 0.00	55.38 2.45 0.00	53.64 2.19 0.00	49.64 1.99 0.00	56.84 1.87 0.00	60.44 2.04 0.00	84.65 2.88 0.00	72.29 2.95 0.00	68.54 2.87 0.00	55.64 2.94 0.00	58.15 3.56 0.00	60.24 3.88 0.00	59.86 3.96 0.00	58.17 3.61 0.00	62.37 4.00 0.00	67.54 3.95 0.00	69.52 3.87 0.00	71.64 4.13 0.00	79.11 4.71 0.00	82.48 4.73 0.00	84.37 4.96 -0.78	85.09 4.57 -4.68	77.52 4.05 -5.44	67.42 1.76 -36.59
NYS_BARGE____HYD 23848	66.07 0.18 0.25	51.07 -0.41 1.44	50.22 -0.25 0.97	46.08 -0.31 1.26	54.48 0.27 0.76	56.94 -1.11 0.34	77.70 -3.26 0.80	61.68 -3.42 4.24	60.07 -2.66 2.94	50.70 -2.00 0.00	52.81 -1.77 0.00	54.57 -1.79 0.00	54.86 -1.05 0.00	53.84 -0.72 0.00	57.40 -0.97 0.00	61.88 -1.72 0.00	63.60 -2.05 0.00	64.98 -2.53 0.00	71.61 -2.78 0.00	75.10 -2.66 0.00	76.09 -2.65 -0.11	73.57 -2.91 -0.63	66.67 -2.09 -0.74	33.06 -0.96 -4.96
OAK ORCHARD____HYD 24046	66.49 0.50 0.15	52.09 -0.01 0.83	50.94 0.04 0.55	46.95 0.02 0.72	54.92 0.39 0.43	58.04 -0.16 0.20	80.32 -0.99 0.45	65.72 -1.14 2.48	63.22 -0.80 1.65	51.92 -0.77 0.00	54.03 -0.56 0.00	55.78 -0.58 0.00	55.78 -0.12 0.00	54.65 0.09 0.00	58.41 0.05 0.00	63.43 -0.17 0.00	65.39 -0.26 0.00	67.02 -0.48 0.00	73.89 -0.51 0.00	77.33 -0.43 0.00	78.29 -0.43 -0.09	75.57 -0.80 -0.53	68.13 -0.51 -0.61	32.92 -0.27 -4.12

OAKDALE___35_KV_LOAD 356122	66.69 0.55 0.00	53.17 0.25 0.00	51.73 0.29 0.00	47.90 0.25 0.00	55.43 0.46 0.00	58.76 0.36 0.00	82.22 0.45 0.00	69.80 0.20 -0.27	65.89 0.22 0.00	52.87 0.18 0.00	54.83 0.24 0.00	56.64 0.27 0.00	56.30 0.40 0.00	54.86 0.30 0.00	58.59 0.22 0.00	63.76 0.16 0.00	66.14 0.49 0.00	67.91 0.40 0.00	75.03 0.64 0.00	78.30 0.54 0.00	79.40 0.50 -0.27	77.81 0.37 -1.60	70.31 0.42 -1.86	41.71 0.15 -12.49
OCC_CHEM___DRP 24175	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
OH_GEN_PROXY 24063	65.31 -0.51 0.31	50.15 -0.99 1.79	49.41 -0.84 1.20	45.27 -0.83 1.56	52.87 -0.43 1.67	56.34 -1.64 0.42	76.86 -3.91 0.99	60.45 -3.98 4.90	58.89 -3.15 3.62	50.36 -2.33 0.00	52.66 -1.93 0.00	54.45 -1.92 0.00	54.74 -1.16 0.00	53.73 -0.83 0.00	57.27 -1.10 0.00	61.58 -2.01 0.00	63.14 -2.51 0.00	64.37 -3.14 0.00	70.95 -3.45 0.00	74.39 -3.37 0.00	75.47 -3.27 -0.11	72.96 -3.52 -0.64	66.18 -2.60 -0.74	-3.39 -1.15 31.30
OLIN_CORP_DRP 24177	65.44 -0.70 0.00	51.84 -1.09 0.00	50.56 -0.88 0.00	46.77 -0.88 0.00	54.55 -0.42 0.00	56.47 -1.93 0.00	77.22 -4.54 0.00	63.26 -4.54 1.54	61.99 -3.68 0.00	50.01 -2.68 0.00	52.10 -2.49 0.00	53.90 -2.47 0.00	54.20 -1.71 0.00	53.23 -1.33 0.00	56.72 -1.65 0.00	61.01 -2.58 0.00	62.62 -3.03 0.00	63.93 -3.58 0.00	70.42 -3.98 0.00	73.90 -3.86 0.00	74.91 -3.83 -0.11	72.58 -3.91 -0.65	65.74 -3.05 -0.76	32.82 -1.36 -5.12
OLIN_CORP_DSASP 323712	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
ONEIDA_HERK_LFGE 323681	68.03 1.89 0.00	54.37 1.45 0.00	52.92 1.47 0.00	48.95 1.30 0.00	56.59 1.62 0.00	60.20 1.80 0.00	84.44 2.68 0.00	71.68 2.34 0.00	67.82 2.15 0.00	54.13 1.44 0.00	55.61 1.02 0.00	57.20 0.83 0.00	56.36 0.46 0.00	55.01 0.45 0.00	59.01 0.64 0.00	64.80 1.20 0.00	67.47 1.82 0.00	69.33 1.82 0.00	76.14 1.75 0.00	79.49 1.74 0.00	80.39 1.73 -0.03	77.29 1.27 -0.18	69.08 0.85 -0.20	30.62 0.18 -1.38
ONEIDA___115KV_TB4 55905	68.04 1.90 0.00	54.46 1.53 0.00	53.00 1.56 0.00	49.07 1.42 0.00	56.77 1.80 0.00	60.42 2.03 0.00	84.88 3.12 0.00	72.01 2.67 0.00	68.00 2.33 0.00	54.30 1.61 0.00	55.78 1.20 0.00	57.41 1.04 0.00	56.76 0.85 0.00	55.35 0.79 0.00	59.36 0.99 0.00	65.16 1.57 0.00	67.84 2.20 0.00	69.78 2.27 0.00	76.79 2.39 0.00	80.16 2.40 0.00	80.99 2.31 -0.05	78.10 1.95 -0.31	69.97 1.58 -0.36	32.09 0.59 -2.44
ONONDAGA_REF_OCCRA 23987	65.87 -0.26 0.00	52.62 -0.30 0.00	51.18 -0.27 0.00	47.41 -0.25 0.00	54.76 -0.21 0.00	58.18 -0.21 0.00	81.46 -0.30 0.00	69.32 -0.28 -0.26	65.32 -0.35 0.00	52.27 -0.42 0.00	53.99 -0.60 0.00	55.76 -0.60 0.00	55.40 -0.50 0.00	54.07 -0.49 0.00	57.94 -0.43 0.00	63.32 -0.28 0.00	65.59 -0.06 0.00	67.49 -0.02 0.00	74.41 0.02 0.00	77.75 -0.01 0.00	78.62 -0.11 -0.10	76.18 -0.23 -0.58	68.49 -0.21 -0.67	33.48 -0.10 -4.52
ONONDAGA___COGEN 23986	65.59 -0.55 0.00	52.43 -0.50 0.00	50.98 -0.47 0.00	47.22 -0.43 0.00	54.55 -0.43 0.00	57.95 -0.45 0.00	81.20 -0.56 0.00	68.84 -0.50 0.00	65.08 -0.59 0.00	52.06 -0.64 0.00	53.81 -0.78 0.00	55.53 -0.83 0.00	55.20 -0.71 0.00	53.86 -0.70 0.00	57.69 -0.68 0.00	63.01 -0.59 0.00	65.27 -0.38 0.00	67.18 -0.33 0.00	74.09 -0.30 0.00	77.33 -0.43 0.00	78.26 -0.46 -0.09	75.81 -0.54 -0.52	68.11 -0.51 -0.60	32.91 -0.20 -4.05
ONTARIO___LFGE 23819	66.31 0.26 0.08	52.39 -0.07 0.46	51.10 -0.04 0.31	47.23 -0.02 0.40	54.96 0.24 0.24	58.32 0.04 0.11	81.37 -0.14 0.25	67.80 -0.29 1.25	64.50 -0.25 0.92	52.22 -0.47 0.00	53.94 -0.65 0.00	55.65 -0.72 0.00	55.49 -0.41 0.00	54.23 -0.33 0.00	58.08 -0.28 0.00	63.53 -0.07 0.00	65.85 0.20 0.00	67.69 0.19 0.00	74.60 0.20 0.00	77.97 0.21 0.00	78.90 0.18 -0.09	76.22 -0.13 -0.52	68.51 -0.12 -0.60	33.02 -0.08 -4.04
ORANGEVILLE_WT_PWR 323706	66.52 0.38 0.00	52.48 -0.44 0.00	51.16 -0.28 0.00	47.36 -0.30 0.00	55.30 0.33 0.00	57.77 -0.63 0.00	79.72 -2.04 0.00	64.37 -2.44 2.53	63.64 -2.04 0.00	50.88 -1.81 0.00	53.13 -1.46 0.00	54.98 -1.38 0.00	55.08 -0.82 0.00	53.92 -0.63 0.00	57.46 -0.91 0.00	62.34 -1.25 0.00	64.43 -1.22 0.00	65.60 -1.91 0.00	72.28 -2.12 0.00	75.45 -2.31 0.00	76.12 -2.64 -0.13	73.75 -2.88 -0.80	66.80 -2.15 -0.93	34.27 -1.02 -6.22
ORANGEVILLE___ESR 323794	66.52 0.38 0.00	52.48 -0.44 0.00	51.16 -0.28 0.00	47.36 -0.30 0.00	55.30 0.33 0.00	57.77 -0.63 0.00	79.72 -2.04 0.00	64.37 -2.44 2.53	63.64 -2.04 0.00	50.88 -1.81 0.00	53.13 -1.46 0.00	54.98 -1.38 0.00	55.08 -0.82 0.00	53.92 -0.63 0.00	57.46 -0.91 0.00	62.34 -1.25 0.00	64.43 -1.22 0.00	65.60 -1.91 0.00	72.28 -2.12 0.00	75.45 -2.31 0.00	76.12 -2.64 -0.13	73.75 -2.88 -0.80	66.80 -2.15 -0.93	34.27 -1.02 -6.22
OSWEGATCHIE___HYD 24044	68.14 2.00 0.00	54.09 1.17 0.00	52.62 1.17 0.00	48.56 0.91 0.00	56.17 1.20 0.00	59.24 0.84 0.00	82.24 0.48 0.00	69.76 0.42 0.00	66.50 0.83 0.00	53.19 0.49 0.00	54.90 0.31 0.00	56.54 0.17 0.00	54.78 -1.12 0.00	53.63 -0.93 0.00	57.41 -0.95 0.00	62.50 -1.10 0.00	64.92 -0.72 0.00	66.46 -1.05 0.00	72.82 -1.58 0.00	76.22 -1.54 0.00	77.51 -1.15 -0.03	74.72 -1.29 -0.16	66.49 -1.72 -0.19	29.31 -1.04 -1.29
OSWEGO___5 23606	64.50 -1.63 0.00	51.55 -1.37 0.00	50.14 -1.31 0.00	46.44 -1.21 0.00	53.62 -1.36 0.00	56.91 -1.48 0.00	79.66 -2.10 0.00	67.53 -1.81 0.00	63.93 -1.74 0.00	51.22 -1.47 0.00	53.02 -1.57 0.00	54.71 -1.66 0.00	54.35 -1.56 0.00	53.06 -1.50 0.00	56.79 -1.58 0.00	61.93 -1.67 0.00	64.03 -1.62 0.00	65.88 -1.63 0.00	72.66 -1.73 0.00	75.88 -1.89 0.00	76.75 -1.95 -0.06	74.30 -1.93 -0.38	66.76 -1.72 -0.45	31.36 -0.71 -3.01
OSWEGO___6 23613	64.50 -1.63 0.00	51.55 -1.37 0.00	50.14 -1.31 0.00	46.44 -1.21 0.00	53.62 -1.36 0.00	56.91 -1.48 0.00	79.66 -2.10 0.00	67.53 -1.81 0.00	63.93 -1.74 0.00	51.22 -1.47 0.00	53.02 -1.57 0.00	54.71 -1.66 0.00	54.35 -1.56 0.00	53.06 -1.50 0.00	56.79 -1.58 0.00	61.93 -1.67 0.00	64.03 -1.62 0.00	65.88 -1.63 0.00	72.66 -1.73 0.00	75.88 -1.89 0.00	76.75 -1.95 -0.06	74.30 -1.93 -0.38	66.76 -1.72 -0.45	31.36 -0.71 -3.01

OUTOKUMPU-AB___DRP 24206	66.78 0.64 0.00	52.83 -0.09 0.00	51.48 0.03 0.00	47.63 -0.02 0.00	55.45 0.48 0.00	57.65 -0.75 0.00	79.06 -2.71 0.00	64.88 -2.87 1.58	63.59 -2.08 0.00	51.09 -1.61 0.00	53.28 -1.31 0.00	55.12 -1.25 0.00	55.36 -0.54 0.00	54.35 -0.21 0.00	57.90 -0.46 0.00	62.30 -1.30 0.00	63.93 -1.72 0.00	65.28 -2.23 0.00	71.93 -2.46 0.00	75.41 -2.35 0.00	76.38 -2.36 -0.11	73.93 -2.57 -0.66	67.05 -1.75 -0.77	33.44 -0.79 -5.17
OXBOW___BTM 323836	65.79 -0.05 0.29	50.64 -0.64 1.64	49.82 -0.53 1.11	45.71 -0.51 1.43	53.96 -0.15 0.87	56.57 -1.43 0.39	77.13 -3.71 0.92	60.89 -3.70 4.74	59.51 -2.79 3.38	50.46 -2.24 0.00	52.67 -1.92 0.00	54.45 -1.92 0.00	54.76 -1.14 0.00	53.77 -0.79 0.00	57.29 -1.08 0.00	61.52 -2.08 0.00	62.97 -2.68 0.00	64.28 -3.23 0.00	70.83 -3.57 0.00	74.31 -3.45 0.00	75.33 -3.42 -0.11	72.84 -3.66 -0.66	66.19 -2.60 -0.76	33.07 -1.12 -5.12
OXBOW___ 24026	66.08 -0.05 0.00	52.30 -0.62 0.00	50.95 -0.50 0.00	47.15 -0.50 0.00	54.85 -0.12 0.00	56.96 -1.43 0.00	78.05 -3.71 0.00	64.09 -3.70 1.55	62.89 -2.79 0.00	50.47 -2.22 0.00	52.66 -1.93 0.00	54.47 -1.90 0.00	54.76 -1.14 0.00	53.77 -0.79 0.00	57.29 -1.08 0.00	61.51 -2.09 0.00	62.99 -2.66 0.00	64.32 -3.19 0.00	70.83 -3.56 0.00	74.31 -3.44 0.00	75.32 -3.42 -0.11	72.91 -3.58 -0.66	66.21 -2.58 -0.76	33.07 -1.11 -5.12
OXY_CHEM_DSASP 323612	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
OZONE_PARK_ESR 323760	69.25 3.11 0.00	55.51 2.59 0.00	53.80 2.35 0.00	49.78 2.13 0.00	57.31 2.34 0.00	61.14 2.74 0.00	85.59 3.83 0.00	73.02 3.69 0.00	69.28 3.60 0.00	56.26 3.56 0.00	58.83 4.24 0.00	60.87 4.50 0.00	60.51 4.61 0.00	58.84 4.28 0.00	63.08 4.71 0.00	68.32 4.72 0.00	70.29 4.64 0.00	72.52 5.01 0.00	80.14 5.75 0.00	83.44 5.68 0.00	85.31 5.90 -0.78	85.98 5.47 -4.68	78.24 4.77 -5.44	67.67 2.02 -36.59
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	65.57 -0.57 0.00	51.90 -1.03 0.00	50.55 -0.89 0.00	46.80 -0.85 0.00	54.38 -0.59 0.00	56.41 -1.98 0.00	77.20 -4.56 0.00	63.42 -4.40 1.52	62.29 -3.39 0.00	49.95 -2.74 0.00	52.14 -2.45 0.00	53.94 -2.43 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.83 -2.76 0.00	62.19 -3.46 0.00	63.45 -4.06 0.00	69.85 -4.55 0.00	73.32 -4.44 0.00	74.37 -4.36 -0.11	72.04 -4.45 -0.65	65.51 -3.27 -0.75	32.76 -1.38 -5.07
PACKARD___115KV_DUPONT_184 80571	65.26 -0.59 0.29	50.23 -1.05 1.65	49.41 -0.93 1.11	45.36 -0.86 1.43	53.47 -0.63 0.87	56.03 -1.97 0.39	76.29 -4.55 0.92	60.23 -4.40 4.71	58.92 -3.38 3.37	49.96 -2.74 0.00	52.15 -2.44 0.00	53.91 -2.45 0.00	54.26 -1.64 0.00	53.29 -1.27 0.00	56.80 -1.57 0.00	60.86 -2.74 0.00	62.17 -3.48 0.00	63.42 -4.09 0.00	69.84 -4.56 0.00	73.32 -4.44 0.00	74.37 -4.37 -0.11	71.96 -4.52 -0.65	65.49 -3.29 -0.75	32.76 -1.37 -5.07
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	68.79 2.66 0.00	55.27 2.35 0.00	53.53 2.08 0.00	49.56 1.90 0.00	56.74 1.77 0.00	60.42 2.02 0.00	84.58 2.82 0.00	72.24 2.90 0.00	68.48 2.81 0.00	55.61 2.91 0.00	58.11 3.52 0.00	60.12 3.76 0.00	59.72 3.81 0.00	58.04 3.48 0.00	62.21 3.84 0.00	67.37 3.77 0.00	69.44 3.79 0.00	71.56 4.05 0.00	79.07 4.67 0.00	82.34 4.59 0.00	84.21 4.80 -0.78	84.95 4.43 -4.68	77.37 3.91 -5.44	67.35 1.70 -36.59
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	70.21 4.08 0.00	56.38 3.46 0.00	54.64 3.20 0.00	50.60 2.95 0.00	58.01 3.04 0.00	61.83 3.43 0.00	86.67 4.91 0.00	73.93 4.59 0.00	70.09 4.41 0.00	56.77 4.08 0.00	59.31 4.72 0.00	61.29 4.92 0.00	60.97 5.07 0.00	59.21 4.65 0.00	63.47 5.10 0.00	68.77 5.17 0.00	70.94 5.29 0.00	73.12 5.61 0.00	80.79 6.39 0.00	84.15 6.39 0.00	85.98 6.57 -0.78	86.65 6.14 -4.68	78.88 5.42 -5.44	67.98 2.33 -36.59
PATROON___115KV_TB1 80586	67.00 0.86 0.00	53.76 0.83 0.00	52.23 0.78 0.00	48.45 0.80 0.00	55.80 0.83 0.00	59.39 1.00 0.00	83.44 1.68 0.00	70.81 1.47 0.00	66.99 1.32 0.00	53.62 0.92 0.00	55.45 0.86 0.00	57.17 0.80 0.00	56.63 0.73 0.00	55.44 0.88 0.00	59.65 1.29 0.00	65.41 1.82 0.00	67.43 1.78 0.00	69.34 1.83 0.00	76.36 1.97 0.00	79.91 2.15 0.00	81.69 2.16 -0.90	83.47 2.23 -5.40	76.31 2.01 -6.28	72.12 0.84 -42.22
PATTRSNVILLE___SOLAR 323815	68.07 1.94 0.00	54.53 1.61 0.00	53.00 1.55 0.00	49.13 1.47 0.00	56.64 1.67 0.00	60.30 1.90 0.00	84.65 2.89 0.00	71.77 2.44 0.00	67.63 1.96 0.00	53.90 1.20 0.00	55.78 1.19 0.00	57.37 1.00 0.00	56.74 0.83 0.00	55.38 0.83 0.00	59.47 1.10 0.00	65.49 1.89 0.00	68.13 2.48 0.00	70.17 2.67 0.00	77.33 2.94 0.00	80.83 3.07 0.00	82.65 3.07 -0.96	84.59 3.01 -5.73	77.37 2.68 -6.67	75.03 1.12 -44.85
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	67.15 1.01 0.00	53.05 0.13 0.00	51.70 0.25 0.00	47.83 0.18 0.00	55.76 0.79 0.00	58.18 -0.22 0.00	80.13 -1.63 0.00	65.37 -1.99 1.98	64.30 -1.38 0.00	51.61 -1.08 0.00	53.98 -0.61 0.00	55.89 -0.48 0.00	56.06 0.16 0.00	54.95 0.39 0.00	58.57 0.20 0.00	63.27 -0.33 0.00	65.11 -0.54 0.00	66.40 -1.11 0.00	73.15 -1.25 0.00	76.52 -1.24 0.00	77.48 -1.27 -0.12	74.96 -1.60 -0.72	67.89 -0.97 -0.84	34.05 -0.62 -5.61
PAWLING_115_KV_BK3_REV_LBMP_H 345028	69.14 3.00 0.00	55.38 2.46 0.00	53.71 2.26 0.00	49.71 2.06 0.00	57.30 2.33 0.00	61.08 2.68 0.00	85.64 3.87 0.00	72.89 3.55 0.00	69.08 3.41 0.00	55.83 3.14 0.00	58.17 3.58 0.00	60.19 3.83 0.00	59.77 3.86 0.00	58.15 3.59 0.00	62.44 4.08 0.00	67.90 4.31 0.00	69.98 4.33 0.00	72.18 4.67 0.00	79.89 5.50 0.00	83.17 5.41 0.00	84.95 5.53 -0.79	85.67 5.12 -4.71	77.94 4.43 -5.48	67.79 1.89 -36.84
PEEKSKILL___ 23653	68.36 2.23 0.00	54.78 1.86 0.00	53.09 1.64 0.00	49.14 1.48 0.00	56.61 1.63 0.00	60.34 1.94 0.00	84.50 2.74 0.00	71.92 2.58 0.00	68.20 2.52 0.00	55.24 2.54 0.00	57.66 3.07 0.00	59.70 3.33 0.00	59.30 3.40 0.00	57.66 3.10 0.00	61.86 3.49 0.00	67.14 3.54 0.00	69.14 3.50 0.00	71.30 3.79 0.00	78.85 4.45 0.00	82.12 4.36 0.00	83.90 4.49 -0.78	84.63 4.14 -4.65	77.04 3.60 -5.41	67.01 1.56 -36.39
PGE MADISON___WINDPWR 24146	71.07 4.94 0.00	56.66 3.74 0.00	55.13 3.69 0.00	51.13 3.48 0.00	59.22 4.25 0.00	63.13 4.73 0.00	89.09 7.33 0.00	77.17 6.36 -1.47	70.86 5.19 0.00	56.29 3.59 0.00	57.35 2.77 0.00	59.08 2.72 0.00	58.87 2.97 0.00	57.28 2.72 0.00	61.93 3.56 0.00	68.59 4.99 0.00	72.15 6.50 0.00	74.39 6.88 0.00	82.28 7.89 0.00	85.00 7.24 0.00	85.49 6.59 -0.26	83.06 5.64 -1.58	74.79 4.93 -1.83	43.47 2.08 -12.33

PIERCEFIELD___HYD 23852	69.27 3.13 0.00	54.74 1.82 0.00	53.18 1.74 0.00	49.05 1.40 0.00	56.83 1.86 0.00	59.70 1.31 0.00	82.20 0.44 0.00	69.54 0.20 0.00	66.74 1.07 0.00	53.60 0.91 0.00	55.78 1.20 0.00	57.73 1.37 0.00	55.41 -0.50 0.00	54.36 -0.20 0.00	58.07 -0.30 0.00	62.49 -1.11 0.00	64.53 -1.12 0.00	65.82 -1.69 0.00	72.08 -2.32 0.00	75.77 -1.99 0.00	77.30 -1.35 -0.02	74.59 -1.37 -0.11	66.48 -1.68 -0.13	28.96 -1.00 -0.89
PINELAWN_CC_1 323563	71.16 4.56 -0.46	57.39 3.78 -0.68	54.78 3.43 0.10	50.42 3.04 0.27	57.25 3.06 0.78	61.39 2.91 -0.08	86.66 3.06 -1.84	73.18 2.83 -1.01	70.02 2.99 -1.36	56.61 3.20 -0.72	59.54 4.45 -0.50	61.90 5.54 0.00	61.10 5.31 0.10	58.66 4.52 0.42	62.73 4.36 0.00	69.36 4.48 -1.29	71.31 4.31 -1.35	73.97 5.02 -1.44	82.01 5.90 -1.71	85.25 5.66 -1.83	87.40 5.96 -2.80	87.80 5.45 -6.52	78.13 4.36 -5.74	67.81 2.56 -36.19
PJM_GEN_HTTP_PROXY 323702	68.55 2.42 0.00	54.97 2.05 0.00	53.28 1.83 0.00	49.31 1.66 0.00	56.77 1.80 0.00	60.54 2.14 0.00	84.72 2.95 0.00	72.19 2.85 0.00	68.42 2.82 0.08	55.60 2.90 0.00	58.27 3.57 -0.11	60.91 3.87 -0.68	59.85 3.95 0.00	58.18 3.62 0.00	62.35 3.98 0.00	67.58 3.98 0.00	69.52 3.87 0.00	71.69 4.18 0.00	79.21 4.82 0.00	82.46 4.71 0.00	102.18 5.00 -18.55	85.13 4.61 -4.68	77.51 4.04 -5.44	67.39 1.74 -36.58
PJM_GEN_KEystone 24065	68.97 0.53 -2.30	51.09 0.10 1.93	44.75 0.02 6.72	40.17 -0.03 7.46	53.87 0.28 1.38	57.95 0.00 0.45	80.23 -0.48 1.05	63.97 -0.68 4.68	61.36 -0.36 3.95	52.90 0.21 0.00	55.48 0.78 -0.11	58.03 0.98 -0.68	57.13 1.23 0.00	55.60 1.04 0.00	59.42 1.05 0.00	47.07 0.69 17.22	43.23 0.46 22.88	57.13 0.22 10.59	79.30 0.59 -4.31	78.19 0.44 0.00	97.41 0.54 -18.25	78.96 0.26 -2.87	71.81 0.44 -3.33	51.65 0.16 -22.43
PJM_GEN_NEPTUNE_PROXY 323594	69.45 3.79 0.48	53.46 3.19 2.66	53.92 2.84 0.37	49.21 2.53 0.97	54.70 2.52 2.79	60.78 2.39 0.01	84.10 2.34 0.00	71.60 2.26 0.00	67.98 2.39 0.08	55.38 2.68 0.00	58.51 3.83 -0.09	61.47 4.83 -0.27	60.26 4.73 0.38	57.10 4.05 1.52	62.15 3.78 0.00	67.32 3.72 0.00	69.17 3.52 0.00	71.69 4.19 0.00	79.31 4.92 0.00	82.47 4.71 0.00	102.32 5.15 -18.54	85.17 4.66 -4.67	75.04 3.52 -3.50	66.06 2.22 -34.77
PJM_GEN_VFT_PROXY 323633	68.35 2.22 0.00	54.82 1.90 0.00	53.13 1.69 0.00	49.18 1.52 0.00	56.60 1.63 0.00	60.38 1.98 0.00	84.49 2.73 0.00	72.01 2.67 0.00	68.26 2.66 0.08	55.54 2.85 0.00	58.21 3.51 -0.11	60.83 3.78 -0.68	59.78 3.88 0.00	58.12 3.56 0.00	62.28 3.91 0.00	67.41 3.81 0.00	69.34 3.70 0.00	71.56 4.05 0.00	79.05 4.65 0.00	82.23 4.47 0.00	101.85 4.67 -18.55	84.82 4.30 -4.68	77.25 3.78 -5.44	67.27 1.62 -36.59
PLATSBURG_115KV_PMLD1 355749	69.07 2.93 0.00	54.59 1.67 0.00	53.05 1.60 0.00	48.93 1.28 0.00	56.79 1.82 0.00	60.08 1.69 0.00	82.48 0.71 0.00	69.68 0.34 0.00	66.76 1.09 0.00	54.03 1.34 0.00	56.42 1.83 0.00	58.53 2.17 0.00	56.25 0.35 0.00	55.21 0.65 0.00	58.97 0.61 0.00	63.42 -0.18 0.00	64.80 -0.85 0.00	66.32 -1.19 0.00	72.67 -1.73 0.00	76.53 -1.23 0.00	78.38 -0.26 -0.01	75.92 0.01 -0.07	67.52 -0.59 -0.08	28.90 -0.73 -0.57
PLEASANTVLY___LBMP 24000	68.03 1.90 0.00	54.52 1.60 0.00	52.88 1.43 0.00	48.95 1.30 0.00	56.38 1.41 0.00	60.07 1.67 0.00	84.12 2.36 0.00	71.56 2.23 0.00	67.85 2.18 0.00	54.86 2.17 0.00	57.19 2.60 0.00	59.18 2.81 0.00	58.77 2.87 0.00	57.23 2.68 0.00	61.40 3.03 0.00	66.74 3.15 0.00	68.71 3.06 0.00	70.78 3.27 0.00	78.21 3.81 0.00	81.52 3.76 0.00	83.34 3.91 -0.80	84.25 3.63 -4.78	76.76 3.17 -5.56	67.87 1.38 -37.42
PLSNTVLE_13_KV_13.8KVDIST 80602	68.54 2.41 0.00	54.94 2.02 0.00	53.25 1.81 0.00	49.28 1.63 0.00	56.77 1.80 0.00	60.51 2.12 0.00	84.74 2.98 0.00	72.14 2.80 0.00	68.43 2.76 0.00	55.41 2.71 0.00	57.84 3.25 0.00	59.87 3.50 0.00	59.47 3.57 0.00	57.86 3.30 0.00	62.05 3.69 0.00	67.39 3.79 0.00	69.37 3.72 0.00	71.49 3.98 0.00	79.02 4.62 0.00	82.33 4.58 0.00	84.13 4.72 -0.78	84.90 4.37 -4.70	77.29 3.80 -5.46	67.44 1.64 -36.73
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	68.54 2.41 0.00	54.94 2.02 0.00	53.25 1.81 0.00	49.28 1.63 0.00	56.77 1.80 0.00	60.51 2.12 0.00	84.74 2.98 0.00	72.14 2.80 0.00	68.43 2.76 0.00	55.41 2.71 0.00	57.84 3.25 0.00	59.87 3.50 0.00	59.47 3.57 0.00	57.86 3.30 0.00	62.05 3.69 0.00	67.39 3.79 0.00	69.37 3.72 0.00	71.49 3.98 0.00	79.02 4.62 0.00	82.33 4.58 0.00	84.13 4.72 -0.78	84.90 4.37 -4.70	77.29 3.80 -5.46	67.44 1.64 -36.73
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	68.71 2.58 0.00	55.05 2.13 0.00	53.40 1.95 0.00	49.43 1.78 0.00	56.96 1.99 0.00	60.70 2.30 0.00	85.09 3.33 0.00	72.40 3.07 0.00	68.63 2.95 0.00	55.38 2.68 0.00	57.66 3.07 0.00	59.62 3.26 0.00	59.14 3.24 0.00	57.60 3.04 0.00	61.89 3.52 0.00	67.39 3.80 0.00	69.49 3.84 0.00	71.55 4.04 0.00	79.08 4.69 0.00	82.51 4.75 0.00	84.28 4.85 -0.80	85.16 4.55 -4.77	77.52 3.94 -5.55	68.08 1.69 -37.33
POLETTI____ 23519	68.18 2.05 0.00	54.79 1.87 0.00	53.07 1.62 0.00	49.12 1.46 0.00	56.24 1.26 0.00	59.85 1.45 0.00	83.84 2.08 0.00	71.63 2.29 0.00	67.93 2.26 0.00	55.12 2.43 0.00	57.57 2.98 0.00	59.64 3.28 0.00	59.26 3.35 0.00	57.57 3.01 0.00	61.73 3.36 0.00	66.87 3.27 0.00	68.89 3.24 0.00	71.01 3.51 0.00	78.38 3.98 0.00	81.67 3.91 0.00	83.54 4.12 -0.78	84.30 3.79 -4.68	76.80 3.33 -5.44	67.10 1.45 -36.59
POMONA___ESR 323819	68.45 2.32 0.00	54.83 1.91 0.00	53.12 1.68 0.00	49.15 1.50 0.00	56.64 1.67 0.00	60.40 2.01 0.00	84.63 2.87 0.00	72.01 2.67 0.00	68.26 2.59 0.00	55.29 2.60 0.00	57.74 3.15 0.00	59.77 3.40 0.00	59.38 3.48 0.00	57.71 3.15 0.00	61.94 3.58 0.00	67.21 3.61 0.00	69.24 3.59 0.00	71.40 3.90 0.00	78.98 4.59 0.00	82.25 4.49 0.00	83.99 4.59 -0.77	84.65 4.21 -4.60	77.04 3.67 -5.35	66.63 1.59 -35.98
PORT_JEFF_3 23555	70.73 4.59 -0.01	55.56 3.85 1.22	54.61 3.45 0.28	49.98 3.07 0.74	55.91 3.07 2.13	61.58 2.72 -0.46	94.32 2.44 -10.12	76.80 1.89 -5.57	75.27 2.13 -7.47	59.30 2.65 -3.95	61.17 4.10 -2.48	61.53 5.42 0.25	60.85 5.24 0.29	57.75 4.35 1.16	62.38 4.02 0.00	74.63 3.93 -7.10	76.63 3.53 -7.45	79.58 4.13 -7.94	88.85 5.02 -9.43	92.61 4.81 -10.04	95.59 5.06 -11.90	95.25 4.61 -14.80	80.53 3.91 -8.60	67.36 2.53 -35.77
PORT_JEFF_4 23616	70.73 4.59 -0.01	55.56 3.85 1.22	54.61 3.45 0.28	49.98 3.07 0.74	55.91 3.07 2.13	61.58 2.72 -0.46	94.32 2.44 -10.12	76.80 1.89 -5.57	75.27 2.13 -7.47	59.30 2.65 -3.95	61.17 4.10 -2.48	61.53 5.42 0.25	60.85 5.24 0.29	57.75 4.35 1.16	62.38 4.02 0.00	74.63 3.93 -7.10	76.63 3.53 -7.45	79.58 4.13 -7.94	88.85 5.02 -9.43	92.61 4.81 -10.04	95.59 5.06 -11.90	95.25 4.61 -14.80	80.53 3.91 -8.60	67.36 2.53 -35.77

PORT_JEFF_IC 23713	70.84 4.68 -0.02	55.72 3.93 1.14	54.70 3.53 0.28	50.06 3.13 0.72	56.06 3.16 2.07	61.63 2.85 -0.38	92.74 2.64 -8.34	75.76 1.83 -4.59	74.04 2.21 -6.15	58.75 2.80 -3.26	60.84 4.21 -2.05	61.55 5.42 0.24	60.90 5.28 0.28	57.85 4.41 1.13	62.49 4.13 0.00	73.53 4.08 -5.85	75.37 3.58 -6.13	78.15 4.10 -6.54	87.16 4.99 -7.77	90.82 4.80 -8.27	93.59 5.02 -9.94	93.54 4.69 -13.02	79.93 4.08 -7.82	67.36 2.59 -35.71
PPL PILGRIM_ST_GT1 24216	71.17 4.92 -0.12	56.20 4.01 0.73	54.96 3.75 0.24	50.38 3.35 0.62	56.48 3.30 1.78	61.82 3.02 -0.41	93.74 3.11 -8.86	76.84 2.63 -4.88	75.41 3.19 -6.54	59.50 3.35 -3.46	61.52 4.75 -2.19	62.02 5.84 0.18	61.30 5.64 0.24	58.40 4.81 0.97	63.05 4.68 0.00	74.78 4.97 -6.22	76.60 4.43 -6.52	79.55 5.09 -6.95	88.67 6.02 -8.26	92.34 5.79 -8.79	94.94 5.79 -10.52	94.82 5.44 -13.54	81.07 4.78 -8.26	67.70 2.71 -35.92
PPL PILGRIM_ST_GT2 24217	71.17 4.92 -0.12	56.20 4.01 0.73	54.96 3.75 0.24	50.38 3.35 0.62	56.48 3.30 1.78	61.82 3.02 -0.41	93.74 3.11 -8.86	76.84 2.63 -4.88	75.41 3.19 -6.54	59.50 3.35 -3.46	61.52 4.75 -2.19	62.02 5.84 0.18	61.30 5.64 0.24	58.40 4.81 0.97	63.05 4.68 0.00	74.78 4.97 -6.22	76.60 4.43 -6.52	79.55 5.09 -6.95	88.67 6.02 -8.26	92.34 5.79 -8.79	94.94 5.79 -10.52	94.82 5.44 -13.54	81.07 4.78 -8.26	67.70 2.71 -35.92
PPL_SHRM_GT3 24213	71.50 5.34 -0.01	56.17 4.42 1.18	55.15 3.98 0.28	50.47 3.55 0.73	56.55 3.68 2.10	62.38 3.54 -0.44	95.13 3.73 -9.63	77.81 3.17 -5.30	75.89 3.10 -7.11	59.86 3.40 -3.76	61.68 4.73 -2.36	61.96 5.84 0.24	61.27 5.65 0.28	58.05 4.63 1.15	62.85 4.49 0.00	75.03 4.67 -6.76	77.42 4.68 -7.09	80.46 5.40 -7.56	89.95 6.58 -8.98	93.75 6.43 -9.56	96.68 6.68 -11.37	96.19 6.04 -14.31	81.46 5.04 -8.40	67.77 2.94 -35.76
PPL_SHRM_GT4 24214	71.50 5.34 -0.01	56.17 4.42 1.18	55.15 3.98 0.28	50.47 3.55 0.73	56.55 3.68 2.10	62.38 3.54 -0.44	95.13 3.73 -9.63	77.81 3.17 -5.30	75.89 3.10 -7.11	59.86 3.40 -3.76	61.68 4.73 -2.36	61.96 5.84 0.24	61.27 5.65 0.28	58.05 4.63 1.15	62.85 4.49 0.00	75.03 4.67 -6.76	77.42 4.68 -7.09	80.46 5.40 -7.56	89.95 6.58 -8.98	93.75 6.43 -9.56	96.68 6.68 -11.37	96.19 6.04 -14.31	81.46 5.04 -8.40	67.77 2.94 -35.76
PROJECT___ORANGE 1 24174	65.26 -0.87 0.00	52.14 -0.78 0.00	50.72 -0.73 0.00	46.98 -0.67 0.00	54.27 -0.70 0.00	57.63 -0.77 0.00	80.73 -1.03 0.00	68.43 -0.90 0.00	64.79 -0.89 0.00	51.89 -0.80 0.00	53.65 -0.94 0.00	55.38 -0.99 0.00	55.04 -0.87 0.00	53.73 -0.83 0.00	57.55 -0.82 0.00	62.83 -0.77 0.00	64.99 -0.66 0.00	66.84 -0.67 0.00	73.70 -0.70 0.00	76.98 -0.78 0.00	77.84 -0.87 0.00	75.37 -0.94 -0.08	67.75 -0.83 -0.48	32.42 -0.36 -3.72
PROJECT___ORANGE 2 24166	65.26 -0.87 0.00	52.14 -0.78 0.00	50.72 -0.73 0.00	46.98 -0.67 0.00	54.27 -0.70 0.00	57.63 -0.77 0.00	80.73 -1.03 0.00	68.43 -0.90 0.00	64.79 -0.89 0.00	51.89 -0.80 0.00	53.65 -0.94 0.00	55.38 -0.99 0.00	55.04 -0.87 0.00	53.73 -0.83 0.00	57.55 -0.82 0.00	62.83 -0.77 0.00	64.99 -0.66 0.00	66.84 -0.67 0.00	73.70 -0.70 0.00	76.98 -0.78 0.00	77.84 -0.87 0.00	75.37 -0.94 -0.08	67.75 -0.83 -0.48	32.42 -0.36 -3.72
PUCKETT___SOLAR 323809	68.06 1.75 -0.17	55.10 1.22 -0.96	53.34 1.25 -0.64	49.65 1.17 -0.83	57.00 1.52 -0.50	60.22 1.59 -0.23	84.66 2.38 -0.52	73.48 1.89 -2.25	69.11 1.53 -1.91	53.43 0.73 0.00	55.04 0.45 0.00	56.75 0.39 0.00	56.41 0.51 0.00	54.99 0.43 0.00	58.98 0.61 0.00	64.74 1.14 0.00	67.55 1.90 0.00	69.43 1.92 0.00	76.73 2.34 0.00	79.86 2.10 0.00	80.75 1.84 -0.28	79.10 1.59 -1.67	71.46 1.49 -1.95	42.75 0.59 -13.09
PYRITES___HYD 24023	70.53 4.39 0.00	55.69 2.77 0.00	54.09 2.64 0.00	49.90 2.25 0.00	57.88 2.91 0.00	60.87 2.47 0.00	83.92 2.16 0.00	70.96 1.62 0.00	68.02 2.35 0.00	54.48 1.79 0.00	56.64 2.05 0.00	58.49 2.13 0.00	56.02 0.12 0.00	54.86 0.30 0.00	58.63 0.27 0.00	63.23 -0.37 0.00	65.77 0.12 0.00	67.30 -0.21 0.00	73.76 -0.63 0.00	77.52 -0.23 0.00	79.04 0.39 -0.02	76.12 0.17 -0.11	67.72 -0.44 -0.13	29.38 -0.55 -0.86
QUAKERRD_115KV_BK1 80622	64.82 -1.32 0.00	51.56 -1.36 0.00	50.16 -1.29 0.00	46.44 -1.21 0.00	53.84 -1.13 0.00	56.83 -1.57 0.00	78.98 -2.78 0.64	66.10 -2.60 0.00	63.40 -2.28 0.00	50.75 -1.95 0.00	52.75 -1.84 0.00	54.47 -1.89 0.00	54.38 -1.52 0.00	53.23 -1.33 0.00	56.93 -1.43 0.00	61.91 -1.69 0.00	63.87 -1.78 0.00	65.50 -2.01 0.00	72.18 -2.22 0.00	75.50 -2.26 0.00	76.45 -2.27 -0.08	73.86 -2.47 -0.50	66.50 -2.10 -0.58	32.02 -0.93 -3.88
QUENSBRY_115KV_TB8 356137	70.33 4.19 0.00	56.48 3.55 0.00	54.91 3.46 0.00	51.03 3.38 0.00	59.00 4.03 0.00	63.04 4.64 0.00	88.96 7.20 0.00	74.90 5.56 0.00	70.98 5.31 0.00	56.51 3.81 0.00	58.09 3.50 0.00	59.91 3.55 0.00	59.13 3.23 0.00	57.96 3.40 0.00	62.35 3.98 0.00	68.96 5.37 0.00	71.58 5.93 0.00	73.65 6.14 0.00	81.07 6.67 0.00	85.03 7.28 0.00	86.67 7.11 -0.93	88.30 6.91 -5.55	80.89 6.42 -6.45	75.00 2.54 -43.40
RAMAPO___LBMP 323565	68.21 2.08 0.00	54.64 1.72 0.00	52.93 1.48 0.00	48.98 1.33 0.00	56.42 1.46 0.00	60.21 1.81 0.00	84.34 2.58 0.00	71.77 2.43 0.00	68.00 2.33 0.00	55.07 2.37 0.00	57.49 2.90 0.00	59.49 3.13 0.00	59.11 3.21 0.00	57.44 2.88 0.00	61.64 3.27 0.00	66.90 3.31 0.00	68.91 3.26 0.00	71.08 3.57 0.00	78.64 4.24 0.00	81.91 4.15 0.00	83.64 4.24 -0.76	84.30 3.88 -4.58	76.72 3.37 -5.33	66.36 1.46 -35.83
RANKINE____ 23646	67.08 0.95 0.00	53.02 0.10 0.00	51.69 0.24 0.00	47.81 0.16 0.00	55.72 0.74 0.00	58.10 -0.29 0.00	79.89 -1.87 0.00	65.31 -2.25 1.78	64.06 -1.61 0.00	51.50 -1.20 0.00	53.77 -0.82 0.00	55.66 -0.71 0.00	55.89 -0.01 0.00	54.85 0.29 0.00	58.42 0.05 0.00	63.00 -0.60 0.00	64.85 -0.81 0.00	66.16 -1.35 0.00	72.86 -1.54 0.00	76.24 -1.52 0.00	77.17 -1.58 -0.12	74.68 -1.87 -0.70	67.67 -1.18 -0.82	33.92 -0.64 -5.50
RAVENSWOOD_GT2_1 24244	68.66 2.52 0.00	55.08 2.15 0.00	53.39 1.94 0.00	49.40 1.75 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.01 0.00	58.26 3.67 0.00	60.30 3.93 0.00	59.92 4.02 0.00	58.27 3.71 0.00	62.46 4.10 0.00	67.68 4.08 0.00	69.60 3.95 0.00	71.78 4.26 0.00	79.33 4.93 0.00	82.59 4.83 0.00	84.45 5.03 -0.78	85.17 4.66 -4.68	77.54 4.08 -5.44	67.40 1.75 -36.59
RAVENSWOOD_GT2_2 24245	68.66 2.52 0.00	55.08 2.15 0.00	53.39 1.94 0.00	49.40 1.75 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.01 0.00	58.26 3.67 0.00	60.30 3.93 0.00	59.92 4.02 0.00	58.27 3.71 0.00	62.46 4.10 0.00	67.68 4.08 0.00	69.60 3.95 0.00	71.78 4.26 0.00	79.33 4.93 0.00	82.59 4.83 0.00	84.45 5.03 -0.78	85.17 4.66 -4.68	77.54 4.08 -5.44	67.40 1.75 -36.59



RAVENSWOOD_GT2_3 24246	68.68 2.55 0.00	55.09 2.17 0.00	53.39 1.95 0.00	49.42 1.77 0.00	56.88 1.91 0.00	60.66 2.26 0.00	84.85 3.09 0.00	72.33 2.99 0.00	68.64 2.97 0.00	55.74 3.04 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.95 4.05 0.00	58.31 3.74 0.00	62.50 4.14 0.00	67.70 4.11 0.00	69.65 3.99 0.00	71.82 4.31 0.00	79.36 4.97 0.00	82.62 4.86 0.00	84.48 5.07 -0.78	85.21 4.69 -4.68	77.56 4.10 -5.44	67.41 1.76 -36.59
RAVENSWOOD_GT2_4 24247	68.68 2.55 0.00	55.09 2.17 0.00	53.39 1.95 0.00	49.42 1.77 0.00	56.88 1.91 0.00	60.66 2.26 0.00	84.85 3.09 0.00	72.33 2.99 0.00	68.64 2.97 0.00	55.74 3.04 0.00	58.28 3.69 0.00	60.34 3.98 0.00	59.95 4.05 0.00	58.31 3.74 0.00	62.50 4.14 0.00	67.70 4.11 0.00	69.65 3.99 0.00	71.82 4.31 0.00	79.36 4.97 0.00	82.62 4.86 0.00	84.48 5.07 -0.78	85.21 4.69 -4.68	77.56 4.10 -5.44	67.41 1.76 -36.59
RAVENSWOOD_GT3_1 24248	68.66 2.52 0.00	55.08 2.15 0.00	53.39 1.94 0.00	49.40 1.75 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.01 0.00	58.26 3.67 0.00	60.30 3.94 0.00	59.92 4.02 0.00	58.27 3.71 0.00	62.47 4.10 0.00	67.68 4.08 0.00	69.61 3.96 0.00	71.78 4.26 0.00	79.33 4.93 0.00	82.59 4.83 0.00	84.45 5.03 -0.78	85.18 4.67 -4.68	77.54 4.08 -5.44	67.40 1.75 -36.59
RAVENSWOOD_GT3_2 24249	68.66 2.52 0.00	55.08 2.15 0.00	53.39 1.94 0.00	49.40 1.75 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.01 0.00	58.26 3.67 0.00	60.30 3.94 0.00	59.92 4.02 0.00	58.27 3.71 0.00	62.47 4.10 0.00	67.68 4.08 0.00	69.61 3.96 0.00	71.78 4.26 0.00	79.33 4.93 0.00	82.59 4.83 0.00	84.45 5.03 -0.78	85.18 4.67 -4.68	77.54 4.08 -5.44	67.40 1.75 -36.59
RAVENSWOOD_GT3_3 24250	68.76 2.62 0.00	55.14 2.22 0.00	53.45 2.00 0.00	49.47 1.82 0.00	56.94 1.97 0.00	60.71 2.31 0.00	84.94 3.18 0.00	72.43 3.09 0.00	68.72 3.05 0.00	55.80 3.11 0.00	58.36 3.77 0.00	60.41 4.05 0.00	60.03 4.12 0.00	58.38 3.82 0.00	62.56 4.19 0.00	67.80 4.20 0.00	69.71 4.07 0.00	71.89 4.38 0.00	79.45 5.06 0.00	82.71 4.96 0.00	84.58 5.17 -0.78	85.30 4.78 -4.68	77.63 4.16 -5.44	67.44 1.79 -36.59
RAVENSWOOD_GT3_4 24251	68.76 2.62 0.00	55.14 2.22 0.00	53.45 2.00 0.00	49.47 1.82 0.00	56.94 1.97 0.00	60.71 2.31 0.00	84.94 3.18 0.00	72.43 3.09 0.00	68.72 3.05 0.00	55.80 3.11 0.00	58.36 3.77 0.00	60.41 4.05 0.00	60.03 4.12 0.00	58.38 3.82 0.00	62.56 4.19 0.00	67.80 4.20 0.00	69.71 4.07 0.00	71.89 4.38 0.00	79.45 5.06 0.00	82.71 4.96 0.00	84.58 5.17 -0.78	85.30 4.78 -4.68	77.63 4.16 -5.44	67.44 1.79 -36.59
RAVENSWOOD_GT_1 23729	68.73 2.60 0.00	55.26 2.33 0.00	53.55 2.10 0.00	49.56 1.91 0.00	56.95 1.98 0.00	60.67 2.27 0.00	84.75 2.99 0.00	72.36 3.02 0.00	68.62 2.95 0.00	55.78 3.09 0.00	58.37 3.78 0.00	60.42 4.05 0.00	60.03 4.13 0.00	58.39 3.83 0.00	62.58 4.21 0.00	67.72 4.12 0.00	69.62 3.97 0.00	71.77 4.26 0.00	79.29 4.89 0.00	82.52 4.76 0.00	84.37 4.96 -0.78	85.14 4.62 -4.68	77.49 4.03 -5.44	67.41 1.76 -36.59
RAVENSWOOD_GT_10 24258	68.66 2.52 0.00	55.08 2.15 0.00	53.37 1.92 0.00	49.39 1.74 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.00 0.00	58.26 3.67 0.00	60.30 3.94 0.00	59.93 4.02 0.00	58.27 3.71 0.00	62.47 4.10 0.00	67.68 4.08 0.00	69.61 3.96 0.00	71.78 4.27 0.00	79.33 4.93 0.00	82.60 4.85 0.00	84.45 5.04 -0.78	85.19 4.67 -4.68	77.55 4.09 -5.44	67.40 1.75 -36.59
RAVENSWOOD_GT_11 24259	68.66 2.52 0.00	55.08 2.15 0.00	53.37 1.92 0.00	49.39 1.74 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.00 0.00	58.26 3.67 0.00	60.30 3.94 0.00	59.93 4.02 0.00	58.27 3.71 0.00	62.47 4.10 0.00	67.68 4.08 0.00	69.61 3.96 0.00	71.78 4.27 0.00	79.33 4.93 0.00	82.60 4.85 0.00	84.45 5.04 -0.78	85.19 4.67 -4.68	77.55 4.09 -5.44	67.40 1.75 -36.59
RAVENSWOOD_GT_4 24252	68.66 2.52 0.00	55.11 2.18 0.00	53.41 1.96 0.00	49.43 1.78 0.00	56.87 1.90 0.00	60.63 2.23 0.00	84.78 3.02 0.00	72.31 2.97 0.00	68.60 2.93 0.00	55.71 3.01 0.00	58.27 3.68 0.00	60.31 3.95 0.00	59.94 4.04 0.00	58.30 3.73 0.00	62.48 4.11 0.00	67.68 4.08 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.56 4.80 0.00	84.42 5.01 -0.78	85.15 4.63 -4.68	77.50 4.03 -5.44	67.39 1.74 -36.59
RAVENSWOOD_GT_5 24254	68.66 2.52 0.00	55.11 2.18 0.00	53.41 1.96 0.00	49.43 1.78 0.00	56.87 1.90 0.00	60.63 2.23 0.00	84.78 3.02 0.00	72.31 2.97 0.00	68.60 2.93 0.00	55.71 3.01 0.00	58.27 3.68 0.00	60.31 3.95 0.00	59.94 4.04 0.00	58.30 3.73 0.00	62.48 4.11 0.00	67.68 4.08 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.56 4.80 0.00	84.42 5.01 -0.78	85.15 4.63 -4.68	77.50 4.03 -5.44	67.39 1.74 -36.59
RAVENSWOOD_GT_6 24253	68.66 2.52 0.00	55.11 2.18 0.00	53.41 1.96 0.00	49.43 1.78 0.00	56.87 1.90 0.00	60.63 2.23 0.00	84.78 3.02 0.00	72.31 2.97 0.00	68.60 2.93 0.00	55.71 3.01 0.00	58.27 3.68 0.00	60.31 3.95 0.00	59.94 4.04 0.00	58.30 3.73 0.00	62.48 4.11 0.00	67.68 4.08 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.56 4.80 0.00	84.42 5.01 -0.78	85.15 4.63 -4.68	77.50 4.03 -5.44	67.39 1.74 -36.59
RAVENSWOOD_GT_7 24255	68.66 2.52 0.00	55.11 2.18 0.00	53.41 1.96 0.00	49.43 1.78 0.00	56.87 1.90 0.00	60.63 2.23 0.00	84.78 3.02 0.00	72.31 2.97 0.00	68.60 2.93 0.00	55.71 3.01 0.00	58.27 3.68 0.00	60.31 3.95 0.00	59.94 4.04 0.00	58.30 3.73 0.00	62.48 4.11 0.00	67.68 4.08 0.00	69.58 3.93 0.00	71.76 4.25 0.00	79.30 4.91 0.00	82.56 4.80 0.00	84.42 5.01 -0.78	85.15 4.63 -4.68	77.50 4.03 -5.44	67.39 1.74 -36.59
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	68.66 2.52 0.00	55.08 2.15 0.00	53.37 1.92 0.00	49.39 1.74 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.00 0.00	58.26 3.67 0.00	60.30 3.94 0.00	59.93 4.02 0.00	58.27 3.71 0.00	62.47 4.10 0.00	67.68 4.08 0.00	69.61 3.96 0.00	71.78 4.27 0.00	79.33 4.93 0.00	82.60 4.85 0.00	84.45 5.04 -0.78	85.19 4.67 -4.68	77.55 4.09 -5.44	67.40 1.75 -36.59
RAVENSWOOD_GT_9 24257	68.66 2.52 0.00	55.08 2.15 0.00	53.37 1.92 0.00	49.39 1.74 0.00	56.86 1.89 0.00	60.63 2.23 0.00	84.84 3.08 0.00	72.30 2.96 0.00	68.61 2.93 0.00	55.70 3.00 0.00	58.26 3.67 0.00	60.30 3.94 0.00	59.93 4.02 0.00	58.27 3.71 0.00	62.47 4.10 0.00	67.68 4.08 0.00	69.61 3.96 0.00	71.78 4.27 0.00	79.33 4.93 0.00	82.60 4.85 0.00	84.45 5.04 -0.78	85.19 4.67 -4.68	77.55 4.09 -5.44	67.40 1.75 -36.59

RAVENSWOOD___1 23533	68.71 2.57 0.00	55.22 2.30 0.00	53.52 2.07 0.00	49.53 1.88 0.00	56.92 1.95 0.00	60.63 2.24 0.00	84.73 2.96 0.00	72.34 3.00 0.00	68.61 2.94 0.00	55.76 3.07 0.00	58.32 3.73 0.00	60.38 4.01 0.00	60.00 4.10 0.00	58.37 3.81 0.00	62.55 4.18 0.00	67.69 4.09 0.00	69.60 3.94 0.00	71.75 4.24 0.00	79.25 4.86 0.00	82.52 4.77 0.00	84.37 4.95 -0.78	85.12 4.60 -4.68	77.48 4.01 -5.44	67.39 1.74 -36.59
RAVENSWOOD___2 23534	68.67 2.54 0.00	55.18 2.26 0.00	53.49 2.05 0.00	49.50 1.85 0.00	56.88 1.91 0.00	60.60 2.21 0.00	84.71 2.95 0.00	72.31 2.97 0.00	68.59 2.92 0.00	55.73 3.04 0.00	58.31 3.72 0.00	60.35 3.98 0.00	59.97 4.07 0.00	58.32 3.76 0.00	62.52 4.15 0.00	67.65 4.06 0.00	69.57 3.92 0.00	71.74 4.23 0.00	79.25 4.85 0.00	82.49 4.73 0.00	84.34 4.93 -0.78	85.09 4.57 -4.68	77.46 3.99 -5.44	67.38 1.73 -36.59
RAVENSWOOD___3 23535	68.67 2.53 0.00	55.08 2.16 0.00	53.39 1.94 0.00	49.40 1.75 0.00	56.86 1.89 0.00	60.62 2.22 0.00	84.84 3.08 0.00	72.31 2.97 0.00	68.60 2.93 0.00	55.71 3.02 0.00	58.26 3.67 0.00	60.31 3.94 0.00	59.93 4.03 0.00	58.27 3.71 0.00	62.47 4.10 0.00	67.67 4.07 0.00	69.62 3.97 0.00	71.79 4.28 0.00	79.33 4.93 0.00	82.61 4.85 0.00	84.45 5.03 -0.78	85.19 4.67 -4.68	77.57 4.10 -5.44	67.40 1.75 -36.59
RAVENSWOOD___4 23820	68.67 2.54 0.00	55.18 2.26 0.00	53.49 2.05 0.00	49.50 1.85 0.00	56.88 1.91 0.00	60.60 2.21 0.00	84.71 2.95 0.00	72.31 2.97 0.00	68.59 2.92 0.00	55.73 3.04 0.00	58.31 3.72 0.00	60.35 3.98 0.00	59.97 4.07 0.00	58.32 3.76 0.00	62.52 4.15 0.00	67.65 4.06 0.00	69.57 3.92 0.00	71.74 4.23 0.00	79.25 4.85 0.00	82.49 4.73 0.00	84.34 4.93 -0.78	85.09 4.57 -4.68	77.46 3.99 -5.44	67.38 1.73 -36.59
RCPL_TRUST___DRP 24196	68.61 2.47 0.00	55.02 2.10 0.00	53.33 1.89 0.00	49.36 1.71 0.00	56.82 1.86 0.00	60.60 2.20 0.00	84.82 3.06 0.00	72.28 2.94 0.00	68.59 2.92 0.00	55.67 2.98 0.00	58.22 3.63 0.00	60.30 3.93 0.00	59.92 4.02 0.00	58.27 3.71 0.00	62.44 4.08 0.00	67.68 4.08 0.00	69.60 3.95 0.00	71.77 4.25 0.00	79.30 4.91 0.00	82.55 4.80 0.00	84.50 5.09 -0.78	85.24 4.73 -4.68	77.57 4.11 -5.44	67.42 1.77 -36.58
RED___ROCHESTER 323720	66.90 0.91 0.15	52.40 0.30 0.83	51.22 0.33 0.56	47.21 0.28 0.72	55.24 0.71 0.44	58.39 0.19 0.20	80.89 -0.42 0.45	66.25 -0.60 2.48	63.71 -0.31 1.65	52.31 -0.38 0.00	54.43 -0.16 0.00	56.20 -0.16 0.00	56.18 0.27 0.00	55.03 0.47 0.00	58.83 0.46 0.00	63.90 0.31 0.00	65.92 0.27 0.00	67.60 0.09 0.00	74.54 0.14 0.00	77.99 0.23 0.00	78.93 0.21 -0.09	76.14 -0.22 -0.52	68.62 -0.01 -0.61	33.09 -0.08 -4.11
REGAN___SOLAR 323812	68.78 2.65 0.00	55.07 2.15 0.00	53.52 2.07 0.00	49.56 1.91 0.00	57.17 2.20 0.00	60.98 2.58 0.00	85.62 3.86 0.00	72.63 3.29 0.00	68.17 2.50 0.00	54.58 1.88 0.00	56.45 1.86 0.00	57.86 1.50 0.00	57.03 1.13 0.00	55.62 1.06 0.00	59.74 1.37 0.00	65.91 2.31 0.00	68.71 3.07 0.00	70.94 3.43 0.00	78.18 3.78 0.00	81.59 3.83 0.00	83.41 3.77 -1.01	85.49 3.62 -6.03	78.22 3.18 -7.01	77.56 1.30 -47.19
RENSSELAER___COGEN 23796	66.64 0.51 0.00	53.48 0.56 0.00	51.97 0.52 0.00	48.21 0.56 0.00	55.52 0.55 0.00	59.07 0.67 0.00	82.94 1.18 0.00	70.35 1.02 0.00	66.59 0.91 0.00	53.30 0.60 0.00	55.09 0.50 0.00	56.84 0.48 0.00	56.32 0.42 0.00	55.12 0.56 0.00	59.23 0.86 0.00	64.91 1.32 0.00	66.92 1.28 0.00	68.83 1.32 0.00	75.80 1.40 0.00	79.36 1.60 0.00	81.15 1.62 -0.90	82.97 1.76 -5.37	75.89 1.61 -6.25	71.79 0.70 -42.04
REPUBLIC_115KV_BARTNBRK 55605	73.49 7.36 0.00	59.31 6.38 0.00	57.46 6.01 0.00	53.52 5.87 0.00	61.98 7.01 0.00	66.60 8.21 0.00	94.33 12.57 0.00	78.11 8.77 0.00	74.48 8.80 0.00	59.16 6.47 0.00	60.64 6.06 0.00	62.72 6.35 0.00	61.86 5.96 0.00	61.11 6.55 0.00	65.60 7.23 0.00	72.85 9.25 0.00	76.35 10.70 0.00	78.58 11.07 0.00	86.45 12.05 0.00	90.87 13.12 0.00	91.72 12.16 -0.93	92.94 11.56 -5.55	85.44 10.96 -6.45	76.68 4.24 -43.37
REVERE_CPPR_DRP 24186	68.69 2.55 0.00	54.94 2.02 0.00	53.49 2.04 0.00	49.48 1.82 0.00	57.26 2.29 0.00	60.98 2.59 0.00	85.69 3.93 0.00	72.74 3.40 0.00	68.71 3.04 0.00	54.75 2.06 0.00	56.22 1.63 0.00	57.80 1.43 0.00	57.05 1.15 0.00	55.67 1.11 0.00	59.75 1.38 0.00	65.73 2.13 0.00	68.58 2.93 0.00	70.51 3.00 0.00	77.53 3.14 0.00	80.91 3.15 0.00	81.73 3.06 -0.05	78.69 2.58 -0.27	70.40 2.06 -0.31	31.91 0.74 -2.10
REYNLDPA_13_KV_LD 356490	69.29 3.16 0.00	54.77 1.85 0.00	53.22 1.77 0.00	49.10 1.44 0.00	56.98 2.01 0.00	60.25 1.85 0.00	82.98 1.22 0.00	70.10 0.76 0.00	67.14 1.47 0.00	54.13 1.43 0.00	56.58 1.99 0.00	58.71 2.34 0.00	56.40 0.50 0.00	55.42 0.87 0.00	59.20 0.83 0.00	63.65 0.05 0.00	65.35 -0.30 0.00	66.81 -0.70 0.00	73.20 -1.19 0.00	77.01 -0.74 0.00	78.60 -0.05 -0.01	75.63 -0.28 -0.08	67.20 -0.91 -0.09	28.88 -0.78 -0.59
REYNOLDS_115KV_TB3 80639	66.87 0.73 0.00	53.72 0.79 0.00	52.17 0.72 0.00	48.40 0.74 0.00	55.78 0.80 0.00	59.35 0.96 0.00	83.37 1.61 0.00	70.67 1.33 0.00	66.89 1.21 0.00	53.46 0.77 0.00	55.18 0.59 0.00	56.98 0.62 0.00	56.45 0.55 0.00	55.31 0.75 0.00	59.45 1.08 0.00	65.17 1.58 0.00	67.16 1.51 0.00	69.05 1.54 0.00	76.00 1.60 0.00	79.66 1.90 0.00	81.48 1.95 -0.90	83.38 2.16 -5.38	76.29 2.00 -6.26	72.07 0.87 -42.13
RIVERBAY____ 323610	70.21 4.08 0.00	56.38 3.46 0.00	54.64 3.20 0.00	50.60 2.95 0.00	58.01 3.04 0.00	61.83 3.43 0.00	86.67 4.91 0.00	73.93 4.59 0.00	70.09 4.41 0.00	56.77 4.08 0.00	59.31 4.72 0.00	61.29 4.92 0.00	60.97 5.07 0.00	59.21 4.65 0.00	63.47 5.10 0.00	68.77 5.17 0.00	70.94 5.29 0.00	73.12 5.61 0.00	80.79 6.39 0.00	84.15 6.39 0.00	85.98 6.57 -0.78	86.65 6.14 -4.68	78.88 5.42 -5.44	67.98 2.33 -36.59
RIVERSDE_115KV_TB3 55908	66.83 0.69 0.00	53.63 0.71 0.00	52.11 0.66 0.00	48.34 0.69 0.00	55.68 0.71 0.00	59.24 0.84 0.00	83.22 1.46 0.00	70.60 1.27 0.00	66.81 1.14 0.00	53.46 0.76 0.00	55.25 0.66 0.00	56.98 0.62 0.00	56.47 0.56 0.00	55.29 0.73 0.00	59.45 1.08 0.00	65.17 1.57 0.00	67.16 1.52 0.00	69.06 1.55 0.00	76.03 1.63 0.00	79.64 1.89 0.00	81.43 1.89 -0.90	83.26 2.02 -5.40	76.14 1.84 -6.28	72.06 0.78 -42.21
ROARING___BROOK_WT_PWR 323790	67.05 0.92 0.00	53.44 0.52 0.00	51.96 0.52 0.00	48.06 0.40 0.00	55.56 0.59 0.00	58.94 0.54 0.00	82.01 0.25 0.00	69.43 0.09 0.00	66.04 0.37 0.00	53.07 0.38 0.00	55.16 0.57 0.00	57.05 0.69 0.00	55.88 -0.02 0.00	54.69 0.13 0.00	58.51 0.14 0.00	63.46 -0.13 0.00	65.39 -0.26 0.00	66.92 -0.59 0.00	73.16 -1.24 0.00	76.50 -1.26 0.00	77.38 -1.25 0.00	74.15 -1.69 0.00	66.17 -1.86 0.00	28.10 -0.97 0.00

ROCHESRG_115KV_T4 355643	66.29 0.15 0.00	52.65 -0.27 0.00	51.24 -0.21 0.00	47.43 -0.22 0.00	55.05 0.08 0.00	57.90 -0.50 0.00	80.29 -1.48 0.00	66.87 -1.57 0.90	64.47 -1.21 0.00	51.67 -1.03 0.00	53.76 -0.83 0.00	55.53 -0.84 0.00	55.53 -0.37 0.00	54.38 -0.18 0.00	58.12 -0.25 0.00	63.05 -0.55 0.00	65.00 -0.65 0.00	66.61 -0.90 0.00	73.40 -1.00 0.00	76.82 -0.93 0.00	77.79 -0.93 -0.09	75.16 -1.20 -0.52	67.76 -0.87 -0.60	32.69 -0.43 -4.06
ROCHESTER_9_IC 23652	66.80 0.66 0.00	53.03 0.10 0.00	51.61 0.16 0.00	47.77 0.12 0.00	55.46 0.49 0.00	58.36 -0.04 0.00	80.95 -0.81 0.00	67.47 -0.95 0.92	65.05 -0.63 0.00	52.06 -0.63 0.00	54.18 -0.40 0.00	55.97 -0.40 0.00	55.95 0.05 0.00	54.80 0.24 0.00	58.58 0.21 0.00	63.60 0.00 0.00	65.60 -0.05 0.00	67.25 -0.25 0.00	74.11 -0.28 0.00	77.56 -0.20 0.00	78.51 -0.21 -0.09	75.82 -0.54 -0.52	68.32 -0.32 -0.61	32.97 -0.20 -4.11
ROCKVIEW_13_KV_LD 356306	68.79 2.65 0.00	55.14 2.22 0.00	53.43 1.98 0.00	49.44 1.78 0.00	56.95 1.97 0.00	60.70 2.30 0.00	84.99 3.23 0.00	72.39 3.05 0.00	68.67 3.00 0.00	55.66 2.97 0.00	58.14 3.56 0.00	60.21 3.85 0.00	59.82 3.91 0.00	58.17 3.61 0.00	62.38 4.01 0.00	67.68 4.08 0.00	69.67 4.02 0.00	71.85 4.35 0.00	79.41 5.02 0.00	82.73 4.97 0.00	84.54 5.12 -0.78	85.26 4.74 -4.68	77.58 4.11 -5.44	67.43 1.77 -36.59
ROME____115KV_TB2 80656	68.69 2.55 0.00	54.94 2.02 0.00	53.49 2.04 0.00	49.48 1.82 0.00	57.26 2.29 0.00	60.98 2.59 0.00	85.69 3.93 0.00	72.74 3.40 0.00	68.71 3.04 0.00	54.75 2.06 0.00	56.22 1.63 0.00	57.80 1.43 0.00	57.05 1.15 0.00	55.67 1.11 0.00	59.75 1.38 0.00	65.73 2.13 0.00	68.58 2.93 0.00	70.51 3.00 0.00	77.53 3.14 0.00	80.91 3.15 0.00	81.73 3.06 -0.05	78.69 2.58 -0.27	70.40 2.06 -0.31	31.91 0.74 -2.10
ROSETON___1 23587	68.08 1.94 0.00	54.58 1.65 0.00	52.92 1.47 0.00	48.99 1.34 0.00	56.41 1.44 0.00	60.10 1.71 0.00	84.17 2.41 0.00	71.61 2.27 0.00	67.89 2.22 0.00	54.88 2.19 0.00	57.20 2.61 0.00	59.18 2.81 0.00	58.77 2.87 0.00	57.20 2.65 0.00	61.39 3.02 0.00	66.75 3.16 0.00	68.76 3.11 0.00	70.84 3.33 0.00	78.28 3.89 0.00	81.59 3.84 0.00	83.38 3.96 -0.78	84.20 3.68 -4.68	76.70 3.23 -5.44	67.05 1.39 -36.59
ROSETON___2 23588	68.08 1.94 0.00	54.58 1.65 0.00	52.92 1.47 0.00	48.99 1.34 0.00	56.41 1.44 0.00	60.10 1.71 0.00	84.17 2.41 0.00	71.61 2.27 0.00	67.89 2.22 0.00	54.88 2.19 0.00	57.20 2.61 0.00	59.18 2.81 0.00	58.77 2.87 0.00	57.20 2.65 0.00	61.39 3.02 0.00	66.75 3.16 0.00	68.76 3.11 0.00	70.84 3.33 0.00	78.28 3.89 0.00	81.59 3.84 0.00	83.38 3.96 -0.78	84.20 3.68 -4.68	76.70 3.23 -5.44	67.05 1.39 -36.59
ROTRRDAM_115KV_TB3 80664	67.71 1.57 0.00	54.26 1.33 0.00	52.74 1.29 0.00	48.89 1.24 0.00	56.37 1.40 0.00	59.97 1.57 0.00	84.15 2.39 0.00	71.35 2.01 0.00	67.48 1.81 0.00	54.02 1.32 0.00	55.85 1.26 0.00	57.60 1.24 0.00	57.08 1.17 0.00	55.77 1.21 0.00	59.88 1.52 0.00	65.62 2.03 0.00	67.83 2.18 0.00	69.79 2.28 0.00	76.89 2.49 0.00	80.42 2.66 0.00	82.28 2.71 -0.93	84.14 2.71 -5.60	76.97 2.44 -6.51	73.85 1.01 -43.77
RUSSELL___1 23602	67.07 0.93 0.00	53.23 0.31 0.00	51.78 0.33 0.00	47.93 0.28 0.00	55.67 0.70 0.00	58.59 0.19 0.00	81.34 -0.42 0.00	67.82 -0.60 0.92	65.37 -0.30 0.00	52.31 -0.38 0.00	54.43 -0.16 0.00	56.21 -0.15 0.00	56.20 0.29 0.00	55.03 0.47 0.00	58.82 0.45 0.00	63.90 0.30 0.00	65.92 0.28 0.00	67.62 0.11 0.00	74.54 0.15 0.00	77.99 0.23 0.00	78.94 0.22 -0.09	76.20 -0.17 -0.52	68.63 0.00 -0.61	33.09 -0.08 -4.11
RUSSELL___2 23532	67.07 0.93 0.00	53.23 0.31 0.00	51.78 0.33 0.00	47.93 0.28 0.00	55.67 0.70 0.00	58.59 0.19 0.00	81.34 -0.42 0.00	67.82 -0.60 0.92	65.37 -0.30 0.00	52.31 -0.38 0.00	54.43 -0.16 0.00	56.21 -0.15 0.00	56.20 0.29 0.00	55.03 0.47 0.00	58.82 0.45 0.00	63.90 0.30 0.00	65.92 0.28 0.00	67.62 0.11 0.00	74.54 0.15 0.00	77.99 0.23 0.00	78.94 0.22 -0.09	76.20 -0.17 -0.52	68.63 0.00 -0.61	33.09 -0.08 -4.11
RUSSELL___3 23549	67.07 0.93 0.00	53.23 0.31 0.00	51.78 0.33 0.00	47.93 0.28 0.00	55.67 0.70 0.00	58.59 0.19 0.00	81.34 -0.42 0.00	67.82 -0.60 0.92	65.37 -0.30 0.00	52.31 -0.38 0.00	54.43 -0.16 0.00	56.21 -0.15 0.00	56.20 0.29 0.00	55.03 0.47 0.00	58.82 0.45 0.00	63.90 0.30 0.00	65.92 0.28 0.00	67.62 0.11 0.00	74.54 0.15 0.00	77.99 0.23 0.00	78.94 0.22 -0.09	76.20 -0.17 -0.52	68.63 0.00 -0.61	33.09 -0.08 -4.11
RUSSELL___4 23556	67.07 0.93 0.00	53.23 0.31 0.00	51.78 0.33 0.00	47.93 0.28 0.00	55.67 0.70 0.00	58.59 0.19 0.00	81.34 -0.42 0.00	67.82 -0.60 0.92	65.37 -0.30 0.00	52.31 -0.38 0.00	54.43 -0.16 0.00	56.21 -0.15 0.00	56.20 0.29 0.00	55.03 0.47 0.00	58.82 0.45 0.00	63.90 0.30 0.00	65.92 0.28 0.00	67.62 0.11 0.00	74.54 0.15 0.00	77.99 0.23 0.00	78.94 0.22 -0.09	76.20 -0.17 -0.52	68.63 0.00 -0.61	33.09 -0.08 -4.11
RUSSELL___STATION 23914	67.07 0.93 0.00	53.23 0.31 0.00	51.78 0.33 0.00	47.93 0.28 0.00	55.67 0.70 0.00	58.59 0.19 0.00	81.34 -0.42 0.00	67.82 -0.60 0.92	65.37 -0.30 0.00	52.31 -0.38 0.00	54.43 -0.16 0.00	56.21 -0.15 0.00	56.20 0.29 0.00	55.03 0.47 0.00	58.82 0.45 0.00	63.90 0.30 0.00	65.92 0.28 0.00	67.62 0.11 0.00	74.54 0.15 0.00	77.99 0.23 0.00	78.94 0.22 -0.09	76.20 -0.17 -0.52	68.63 0.00 -0.61	33.09 -0.08 -4.11
S SALMON___HYD 24043	65.14 -1.00 0.00	52.03 -0.90 0.00	50.64 -0.81 0.00	46.86 -0.79 0.00	54.14 -0.83 0.00	57.57 -0.83 0.00	80.74 -1.02 0.00	68.56 -0.77 0.00	64.83 -0.84 0.00	51.77 -0.92 0.00	53.10 -1.49 0.00	54.55 -1.82 0.00	53.97 -1.93 0.00	52.70 -1.86 0.00	56.50 -1.87 0.00	61.94 -1.65 0.00	64.58 -1.07 0.00	66.61 -0.90 0.00	73.37 -1.03 0.00	76.52 -1.24 0.00	77.31 -1.39 -0.06	74.50 -1.71 -0.37	66.74 -1.72 -0.43	31.12 -0.85 -2.90
S.PERRY__115KV_TB1 80734	69.12 2.98 0.00	54.64 1.72 0.00	53.21 1.76 0.00	49.24 1.59 0.00	57.41 2.44 0.00	60.48 2.09 0.00	84.18 2.42 0.00	68.46 1.73 2.60	67.17 1.49 0.00	52.75 0.06 0.00	54.87 0.28 0.00	56.73 0.36 0.00	56.65 0.74 0.00	55.45 0.89 0.00	59.24 0.87 0.00	64.62 1.03 0.00	67.43 1.78 0.00	69.32 1.81 0.00	76.40 2.00 0.00	79.93 2.17 0.00	80.55 1.79 -0.13	77.94 1.32 -0.77	70.28 1.35 -0.90	35.59 0.45 -6.07
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	66.50 0.37 0.00	52.59 -0.33 0.00	51.27 -0.18 0.00	47.42 -0.23 0.00	55.24 0.27 0.00	57.52 -0.88 0.00	78.94 -2.82 0.00	64.69 -3.05 1.60	63.37 -2.31 0.00	51.00 -1.69 0.00	53.26 -1.33 0.00	55.12 -1.25 0.00	55.39 -0.51 0.00	54.34 -0.22 0.00	57.89 -0.48 0.00	62.32 -1.27 0.00	64.01 -1.63 0.00	65.32 -2.19 0.00	71.97 -2.43 0.00	75.39 -2.37 0.00	76.40 -2.35 -0.11	73.94 -2.57 -0.67	67.03 -1.78 -0.78	33.48 -0.85 -5.27

SAWYER___23_KV_LOAD 55526	66.50 0.37 0.00	52.59 -0.33 0.00	51.27 -0.18 0.00	47.42 -0.23 0.00	55.24 0.27 0.00	57.52 -0.88 0.00	78.94 -2.82 0.00	64.69 -3.05 1.60	63.37 -2.31 0.00	51.00 -1.69 0.00	53.26 -1.33 0.00	55.12 -1.25 0.00	55.39 -0.51 0.00	54.34 -0.22 0.00	57.89 -0.48 0.00	62.32 -1.27 0.00	64.01 -1.63 0.00	65.32 -2.19 0.00	71.97 -2.43 0.00	75.39 -2.37 0.00	76.40 -2.35 -0.11	73.94 -2.57 -0.67	67.03 -1.78 -0.78	33.48 -0.85 -5.27
SELKIRK___I 23801	67.36 1.23 0.00	54.04 1.11 0.00	52.52 1.07 0.00	48.74 1.08 0.00	56.17 1.20 0.00	59.70 1.30 0.00	83.78 2.02 0.00	71.01 1.67 0.00	67.06 1.38 0.00	53.59 0.90 0.00	55.37 0.78 0.00	57.03 0.67 0.00	56.51 0.61 0.00	55.24 0.68 0.00	59.37 1.00 0.00	65.27 1.67 0.00	67.47 1.82 0.00	69.39 1.88 0.00	76.41 2.01 0.00	79.97 2.21 0.00	81.76 2.25 -0.88	83.37 2.26 -5.27	76.25 2.09 -6.13	71.22 0.90 -41.25
SELKIRK___II 23799	66.97 0.83 0.00	53.72 0.80 0.00	52.21 0.76 0.00	48.40 0.75 0.00	55.75 0.78 0.00	59.30 0.90 0.00	83.18 1.42 0.00	70.59 1.25 0.00	66.79 1.11 0.00	53.51 0.82 0.00	55.37 0.78 0.00	57.12 0.76 0.00	56.62 0.72 0.00	55.33 0.77 0.00	59.43 1.07 0.00	65.08 1.48 0.00	67.14 1.48 0.00	69.04 1.53 0.00	76.09 1.69 0.00	79.61 1.85 0.00	81.40 1.88 -0.89	83.12 1.94 -5.34	76.00 1.76 -6.21	71.59 0.76 -41.77
SENECA OSWGO___HYD 24041	64.30 -1.83 0.00	51.40 -1.52 0.00	49.99 -1.45 0.00	46.31 -1.34 0.00	53.47 -1.50 0.00	56.79 -1.61 0.00	79.58 -2.18 0.00	67.52 -1.82 0.00	63.92 -1.75 0.00	51.14 -1.56 0.00	52.86 -1.73 0.00	54.51 -1.85 0.00	54.13 -1.77 0.00	52.83 -1.72 0.00	56.58 -1.79 0.00	61.74 -1.85 0.00	63.89 -1.76 0.00	65.88 -1.63 0.00	72.79 -1.61 0.00	75.90 -1.86 0.00	76.74 -1.96 -0.07	74.26 -1.99 -0.41	66.72 -1.79 -0.47	31.52 -0.75 -3.20
SENECA___115KV_TB3 355854	66.86 1.05 0.32	51.27 0.17 1.82	50.53 0.31 1.23	46.29 0.22 1.58	54.86 0.85 0.96	57.76 -0.20 0.43	79.00 -1.73 1.03	61.81 -2.12 5.41	60.34 -1.50 3.84	51.60 -1.10 0.00	53.88 -0.71 0.00	55.74 -0.62 0.00	55.97 0.07 0.00	54.94 0.38 0.00	58.53 0.16 0.00	63.13 -0.47 0.00	64.95 -0.70 0.00	66.26 -1.25 0.00	73.01 -1.39 0.00	76.39 -1.37 0.00	77.30 -1.46 -0.12	74.70 -1.84 -0.70	67.75 -1.09 -0.82	33.98 -0.59 -5.50
SENECA___ENERGY 23797	66.03 -0.10 0.00	52.65 -0.28 0.00	51.21 -0.24 0.00	47.45 -0.21 0.00	54.93 -0.04 0.00	58.24 -0.16 0.00	81.41 -0.35 0.00	68.87 -0.47 0.00	65.19 -0.48 0.00	52.10 -0.59 0.00	53.76 -0.83 0.00	55.46 -0.91 0.00	55.28 -0.63 0.00	53.99 -0.57 0.00	57.85 -0.52 0.00	63.22 -0.38 0.00	65.55 -0.10 0.00	67.40 -0.11 0.00	74.29 -0.11 0.00	77.56 -0.19 0.00	78.58 -0.14 -0.09	76.02 -0.39 -0.57	68.26 -0.42 -0.66	33.34 -0.17 -4.45
SHOEMAKER___GT 23640	68.23 2.10 0.00	54.64 1.71 0.00	53.01 1.56 0.00	49.05 1.40 0.00	56.54 1.57 0.00	60.23 1.84 0.00	84.41 2.65 0.00	71.77 2.43 0.00	67.99 2.32 0.00	54.86 2.16 0.00	57.05 2.46 0.00	58.88 2.51 0.00	58.43 2.53 0.00	56.87 2.31 0.00	61.16 2.79 0.00	66.78 3.18 0.00	68.96 3.31 0.00	71.08 3.57 0.00	78.57 4.18 0.00	81.90 4.14 0.00	83.61 4.23 -0.74	84.22 3.92 -4.46	76.62 3.41 -5.19	65.42 1.46 -34.89
SHOEMAKR_138KV_BK 111 55601	68.17 2.04 0.00	54.61 1.69 0.00	52.97 1.52 0.00	49.03 1.38 0.00	56.49 1.52 0.00	60.18 1.79 0.00	84.35 2.58 0.00	71.71 2.38 0.00	67.94 2.27 0.00	54.85 2.16 0.00	57.06 2.47 0.00	58.91 2.55 0.00	58.47 2.57 0.00	56.90 2.34 0.00	61.19 2.82 0.00	66.76 3.17 0.00	68.90 3.25 0.00	71.01 3.50 0.00	78.52 4.12 0.00	81.83 4.07 0.00	83.54 4.16 -0.74	84.14 3.85 -4.45	76.54 3.35 -5.17	65.27 1.43 -34.77
SHOREHAM_IC_1 23715	71.50 5.34 -0.01	56.17 4.42 1.18	55.15 3.98 0.28	50.47 3.55 0.73	56.55 3.68 2.10	62.38 3.54 -0.44	95.13 3.73 -9.63	77.81 3.17 -5.30	75.89 3.10 -7.11	59.86 3.40 -3.76	61.68 4.73 -2.36	61.96 5.84 0.24	61.27 5.65 0.28	58.05 4.63 1.15	62.85 4.49 0.00	75.03 4.67 -6.76	77.42 4.68 -7.09	80.46 5.40 -7.56	89.95 6.58 -8.98	93.75 6.43 -9.56	96.68 6.68 -11.37	96.19 6.04 -14.31	81.46 5.04 -8.40	67.77 2.94 -35.76
SHOREHAM_IC_2 23716	71.47 5.32 -0.01	56.14 4.39 1.18	55.15 3.98 0.28	50.47 3.55 0.73	56.55 3.68 2.10	62.39 3.55 -0.44	95.13 3.73 -9.63	77.81 3.17 -5.30	75.90 3.11 -7.11	59.86 3.40 -3.76	61.68 4.73 -2.36	61.87 5.75 0.24	61.23 5.61 0.28	58.02 4.61 1.15	62.86 4.49 0.00	75.05 4.69 -6.76	77.42 4.68 -7.09	80.46 5.39 -7.56	89.96 6.58 -8.98	93.75 6.43 -9.56	96.68 6.68 -11.37	96.19 6.04 -14.31	81.42 5.00 -8.40	67.76 2.93 -35.76
SISSONVILLE____ 23735	69.27 3.13 0.00	54.74 1.82 0.00	53.18 1.74 0.00	49.05 1.40 0.00	56.83 1.86 0.00	59.70 1.31 0.00	82.20 0.44 0.00	69.54 0.20 0.00	66.74 1.07 0.00	53.60 0.91 0.00	55.78 1.20 0.00	57.73 1.37 0.00	55.41 -0.50 0.00	54.36 -0.20 0.00	58.07 -0.30 0.00	62.49 -1.11 0.00	64.53 -1.12 0.00	65.82 -1.69 0.00	72.08 -2.32 0.00	75.77 -1.99 0.00	77.30 -1.35 -0.02	74.59 -1.37 -0.11	66.48 -1.68 -0.13	28.96 -1.00 -0.89
SITHE_IND_GS1 24169	63.91 -2.23 0.00	51.08 -1.85 0.00	49.68 -1.76 0.00	46.02 -1.64 0.00	53.12 -1.85 0.00	56.39 -2.01 0.00	78.90 -2.86 0.00	66.89 -2.45 0.00	63.35 -2.33 0.00	50.77 -1.93 0.00	52.55 -2.04 0.00	54.23 -2.13 0.00	53.87 -2.04 0.00	52.60 -1.96 0.00	56.30 -2.07 0.00	61.38 -2.21 0.00	63.44 -2.20 0.00	65.26 -2.25 0.00	71.95 -2.44 0.00	75.15 -2.61 0.00	76.02 -2.66 -0.06	73.57 -2.61 -0.33	66.11 -2.31 -0.39	30.73 -0.94 -2.61
SITHE_IND_GS2 24170	63.91 -2.23 0.00	51.08 -1.85 0.00	49.68 -1.76 0.00	46.02 -1.64 0.00	53.12 -1.85 0.00	56.39 -2.01 0.00	78.90 -2.86 0.00	66.89 -2.45 0.00	63.35 -2.33 0.00	50.77 -1.93 0.00	52.55 -2.04 0.00	54.23 -2.13 0.00	53.87 -2.04 0.00	52.60 -1.96 0.00	56.30 -2.07 0.00	61.38 -2.21 0.00	63.44 -2.20 0.00	65.26 -2.25 0.00	71.95 -2.44 0.00	75.15 -2.61 0.00	76.02 -2.66 -0.06	73.57 -2.61 -0.33	66.11 -2.31 -0.39	30.73 -0.94 -2.61
SITHE_IND_GS3 24171	63.91 -2.23 0.00	51.08 -1.85 0.00	49.68 -1.76 0.00	46.02 -1.64 0.00	53.12 -1.85 0.00	56.39 -2.01 0.00	78.90 -2.86 0.00	66.89 -2.45 0.00	63.35 -2.33 0.00	50.77 -1.93 0.00	52.55 -2.04 0.00	54.23 -2.13 0.00	53.87 -2.04 0.00	52.60 -1.96 0.00	56.30 -2.07 0.00	61.38 -2.21 0.00	63.44 -2.20 0.00	65.26 -2.25 0.00	71.95 -2.44 0.00	75.15 -2.61 0.00	76.02 -2.66 -0.06	73.57 -2.61 -0.33	66.11 -2.31 -0.39	30.73 -0.94 -2.61
SITHE_IND_GS4 24172	63.91 -2.23 0.00	51.08 -1.85 0.00	49.68 -1.76 0.00	46.02 -1.64 0.00	53.12 -1.85 0.00	56.39 -2.01 0.00	78.90 -2.86 0.00	66.89 -2.45 0.00	63.35 -2.33 0.00	50.77 -1.93 0.00	52.55 -2.04 0.00	54.23 -2.13 0.00	53.87 -2.04 0.00	52.60 -1.96 0.00	56.30 -2.07 0.00	61.38 -2.21 0.00	63.44 -2.20 0.00	65.26 -2.25 0.00	71.95 -2.44 0.00	75.15 -2.61 0.00	76.02 -2.66 -0.06	73.57 -2.61 -0.33	66.11 -2.31 -0.39	30.73 -0.94 -2.61

SITHE___BATAVIA 24024	67.87 1.95 0.22	52.71 1.02 1.24	51.72 1.11 0.83	47.54 0.96 1.08	56.03 1.71 0.65	58.89 0.79 0.29	81.06 -0.02 0.68	65.23 -0.46 3.65	63.04 -0.13 2.51	52.20 -0.49 0.00	54.09 -0.50 0.00	55.76 -0.60 0.00	55.87 -0.03 0.00	54.81 0.25 0.00	58.57 0.19 0.00	63.74 0.14 0.00	66.04 0.39 0.00	67.76 0.25 0.00	74.72 0.33 0.00	78.28 0.52 0.00	79.19 0.46 -0.10	76.37 -0.07 -0.60	69.00 0.27 -0.70	33.75 0.01 -4.68
SITHE___INDEPEND 23800	63.91 -2.23 0.00	51.08 -1.84 0.00	49.68 -1.76 0.00	46.02 -1.63 0.00	53.12 -1.85 0.00	56.38 -2.02 0.00	78.90 -2.86 0.00	66.89 -2.45 0.00	63.34 -2.33 0.00	50.77 -1.93 0.00	52.55 -2.04 0.00	54.23 -2.13 0.00	53.88 -2.03 0.00	52.59 -1.97 0.00	56.29 -2.07 0.00	61.39 -2.21 0.00	63.44 -2.20 0.00	65.26 -2.25 0.00	71.95 -2.44 0.00	75.15 -2.61 0.00	76.03 -2.66 -0.06	73.58 -2.59 -0.33	66.11 -2.31 -0.39	30.73 -0.94 -2.61
SITHE___MASSENA 23902	69.49 3.36 0.00	54.91 1.99 0.00	53.37 1.92 0.00	49.23 1.57 0.00	57.12 2.15 0.00	60.34 1.94 0.00	83.15 1.39 0.00	70.21 0.87 0.00	67.28 1.61 0.00	54.19 1.50 0.00	56.62 2.03 0.00	58.70 2.34 0.00	56.38 0.48 0.00	55.38 0.82 0.00	59.15 0.78 0.00	63.61 0.02 0.00	65.38 -0.26 0.00	66.85 -0.65 0.00	73.23 -1.16 0.00	77.07 -0.69 0.00	78.64 0.00 -0.01	75.73 -0.19 -0.08	67.27 -0.85 -0.10	28.98 -0.73 -0.64
SITHE___OGDNSBRG 24021	70.58 4.45 0.00	55.73 2.81 0.00	54.14 2.69 0.00	49.94 2.29 0.00	57.96 2.99 0.00	61.07 2.67 0.00	84.23 2.47 0.00	71.20 1.87 0.00	68.22 2.54 0.00	54.69 2.00 0.00	56.92 2.33 0.00	58.86 2.50 0.00	56.35 0.45 0.00	55.19 0.63 0.00	58.96 0.59 0.00	63.53 -0.06 0.00	66.10 0.45 0.00	67.65 0.14 0.00	74.15 -0.25 0.00	77.93 0.17 0.00	79.46 0.81 -0.02	76.46 0.52 -0.10	67.97 -0.17 -0.12	29.39 -0.47 -0.79
SITHE___STERLING 23777	68.04 1.90 0.00	54.45 1.53 0.00	53.00 1.56 0.00	49.07 1.42 0.00	56.77 1.80 0.00	60.42 2.03 0.00	84.88 3.12 0.00	72.01 2.67 0.00	68.00 2.33 0.00	54.30 1.61 0.00	55.78 1.20 0.00	57.40 1.04 0.00	56.76 0.85 0.00	55.35 0.79 0.00	59.35 0.99 0.00	65.17 1.57 0.00	67.84 2.20 0.00	69.78 2.27 0.00	76.79 2.39 0.00	80.16 2.41 0.00	80.99 2.31 -0.05	78.10 1.95 -0.31	69.98 1.59 -0.36	32.09 0.59 -2.44
SLEIGHT__34_KV_TB1 80719	65.87 -0.27 0.00	52.43 -0.50 0.00	51.00 -0.45 0.00	47.22 -0.43 0.00	54.73 -0.24 0.00	57.87 -0.53 0.00	80.72 -1.04 0.00	67.84 -1.08 0.42	64.73 -0.94 0.00	51.66 -1.04 0.00	53.54 -1.05 0.00	55.26 -1.10 0.00	55.16 -0.74 0.00	53.93 -0.63 0.00	57.69 -0.68 0.00	62.93 -0.66 0.00	65.15 -0.50 0.00	66.91 -0.60 0.00	73.72 -0.67 0.00	77.04 -0.72 0.00	78.01 -0.71 -0.09	75.36 -1.00 -0.52	67.71 -0.92 -0.61	32.72 -0.41 -4.07
SMITHTWN_69_KV_BK 1 55830	70.99 4.83 -0.02	55.90 4.05 1.08	54.84 3.66 0.27	50.20 3.25 0.71	56.23 3.29 2.03	61.65 3.04 -0.21	89.38 3.02 -4.60	74.27 2.40 -2.53	71.65 2.59 -3.39	57.49 3.01 -1.79	60.13 4.40 -1.14	61.69 5.55 0.23	61.07 5.44 0.28	57.99 4.54 1.11	62.65 4.28 0.00	71.13 4.31 -3.23	73.04 4.01 -3.38	75.80 4.68 -3.61	84.29 5.61 -4.28	87.75 5.43 -4.56	90.14 5.67 -5.83	90.31 5.19 -9.27	78.49 4.33 -6.13	67.23 2.64 -35.53
SOUTH CAIRO___GT 23612	70.57 4.43 0.00	56.51 3.59 0.00	54.92 3.48 0.00	51.01 3.36 0.00	58.84 3.87 0.00	62.77 4.37 0.00	88.61 6.85 0.00	75.38 6.04 0.00	70.78 5.11 0.00	56.02 3.33 0.00	57.61 3.02 0.00	58.41 2.05 0.00	57.39 1.49 0.00	55.98 1.42 0.00	60.45 2.09 0.00	67.58 3.98 0.00	71.07 5.42 0.00	73.68 6.17 0.00	81.21 6.82 0.00	84.91 7.15 0.00	86.54 7.05 -0.86	87.46 6.48 -5.14	79.60 5.59 -5.98	71.50 2.21 -40.22
SOUTH HAMPTN___IC 23720	72.51 6.37 -0.01	56.90 5.18 1.21	55.85 4.68 0.28	51.11 4.20 0.74	57.36 4.52 2.12	63.38 4.52 -0.47	97.11 5.16 -10.18	79.33 4.39 -5.60	77.40 4.21 -7.51	60.97 4.30 -3.98	62.73 5.64 -2.50	62.83 6.71 0.25	62.11 6.49 0.29	58.79 5.39 1.16	63.72 5.36 0.00	76.44 5.70 -7.15	78.97 5.83 -7.49	81.80 6.31 -7.99	91.83 7.95 -9.49	95.71 7.85 -10.10	98.72 8.12 -11.97	98.09 7.38 -14.86	82.91 6.25 -8.63	68.29 3.44 -35.78
SOUTHDOW_115KV_TB1 355954	69.45 3.31 0.00	54.72 1.79 0.00	53.28 1.83 0.00	49.22 1.57 0.00	57.69 2.72 0.00	60.34 1.94 0.00	83.53 1.78 0.00	68.28 0.91 1.97	66.17 0.49 0.00	53.14 0.45 0.00	55.49 0.90 0.00	57.47 1.11 0.00	57.66 1.76 0.00	56.21 1.66 0.00	59.64 1.27 0.00	64.41 0.82 0.00	66.51 0.86 0.00	67.75 0.24 0.00	74.77 0.38 0.00	77.59 -0.17 0.00	78.36 -0.40 -0.13	76.88 0.29 -0.75	69.61 0.71 -0.88	34.98 0.01 -5.90
SOUTHOLD_69_KV_BK 2 55809	73.25 7.11 -0.01	57.41 5.69 1.20	56.31 5.15 0.28	51.56 4.65 0.74	57.96 5.12 2.12	64.08 5.22 -0.47	98.14 6.20 -10.17	80.24 5.31 -5.60	78.24 5.06 -7.51	61.67 5.00 -3.97	63.49 6.41 -2.49	63.44 7.32 0.25	62.67 7.05 0.29	59.32 5.92 1.16	64.37 6.00 0.00	77.22 6.48 -7.14	79.84 6.70 -7.49	82.40 6.91 -7.98	92.95 9.07 -9.48	96.90 9.05 -10.09	99.88 9.29 -11.96	99.15 8.45 -14.85	83.86 7.20 -8.63	68.68 3.84 -35.78
SOUTHOLD___IC 23719	73.28 7.13 -0.01	57.44 5.72 1.20	56.32 5.15 0.28	51.56 4.64 0.74	57.97 5.12 2.12	64.08 5.21 -0.47	98.13 6.20 -10.17	80.25 5.31 -5.60	78.23 5.06 -7.51	61.67 5.00 -3.97	63.49 6.41 -2.49	63.54 7.42 0.25	62.73 7.11 0.29	59.35 5.94 1.16	64.37 6.00 0.00	77.22 6.48 -7.14	79.84 6.70 -7.49	82.41 6.92 -7.98	92.95 9.07 -9.48	96.89 9.03 -10.09	99.87 9.28 -11.96	99.14 8.45 -14.85	83.89 7.24 -8.63	68.69 3.84 -35.78
SOUTH_FORK_WT_PWR 323839	73.43 7.29 -0.01	57.53 5.81 1.20	56.36 5.19 0.28	51.59 4.68 0.74	58.07 5.22 2.12	64.24 5.37 -0.47	98.37 6.44 -10.18	80.48 5.54 -5.60	78.44 5.26 -7.51	61.87 5.20 -3.97	63.71 6.63 -2.50	63.71 7.59 0.25	62.90 7.28 0.29	59.46 6.05 1.16	64.52 6.15 0.00	77.38 6.63 -7.15	80.03 6.89 -7.49	82.36 6.87 -7.98	93.17 9.29 -9.48	97.16 9.31 -10.10	100.17 9.57 -11.96	99.40 8.70 -14.86	84.18 7.52 -8.63	68.80 3.96 -35.78
SPIERFLS_115KV_TB 1 80737	70.01 3.87 0.00	56.18 3.25 0.00	54.65 3.20 0.00	50.77 3.12 0.00	58.67 3.70 0.00	62.65 4.26 0.00	88.33 6.58 0.00	74.49 5.15 0.00	70.53 4.86 0.00	56.19 3.50 0.00	57.80 3.21 0.00	59.58 3.22 0.00	58.84 2.94 0.00	57.59 3.03 0.00	61.98 3.61 0.00	68.44 4.84 0.00	70.98 5.34 0.00	73.05 5.54 0.00	80.42 6.02 0.00	84.32 6.56 0.00	86.08 6.52 -0.93	87.74 6.35 -5.55	80.35 5.87 -6.45	74.82 2.35 -43.42
ST LAWRENCE____ 23600	68.44 2.30 0.00	54.10 1.17 0.00	52.56 1.11 0.00	48.49 0.84 0.00	56.27 1.30 0.00	59.51 1.11 0.00	82.04 0.28 0.00	69.26 -0.07 0.00	66.36 0.69 0.00	53.49 0.80 0.00	55.91 1.32 0.00	58.01 1.65 0.00	55.75 -0.16 0.00	54.77 0.21 0.00	58.50 0.13 0.00	62.90 -0.70 0.00	64.57 -1.08 0.00	66.06 -1.44 0.00	72.38 -2.02 0.00	76.14 -1.62 0.00	77.70 -0.94 -0.01	74.83 -1.08 -0.07	66.46 -1.65 -0.09	28.57 -1.08 -0.58

STATE_CA_115KV_115_LB 55624	67.01 0.87 0.00	53.76 0.84 0.00	52.23 0.79 0.00	48.45 0.80 0.00	55.81 0.84 0.00	59.40 1.00 0.00	83.44 1.68 0.00	70.81 1.47 0.00	66.99 1.32 0.00	53.62 0.93 0.00	55.46 0.87 0.00	57.17 0.80 0.00	56.64 0.73 0.00	55.45 0.89 0.00	59.66 1.29 0.00	65.42 1.82 0.00	67.45 1.80 0.00	69.35 1.85 0.00	76.38 1.98 0.00	79.93 2.17 0.00	81.69 2.16 -0.90	83.47 2.24 -5.40	76.31 2.01 -6.28	72.13 0.84 -42.22
STATE_ST_34_KV_LOAD 55959	66.50 0.36 0.00	53.11 0.18 0.00	51.67 0.22 0.00	47.87 0.22 0.00	55.36 0.38 0.00	58.77 0.37 0.00	82.37 0.61 0.00	70.11 0.42 -0.36	65.70 0.02 0.00	52.35 -0.34 0.00	54.04 -0.55 0.00	55.75 -0.62 0.00	55.61 -0.29 0.00	54.14 -0.42 0.00	57.97 -0.40 0.00	63.45 -0.15 0.00	66.04 0.39 0.00	67.99 0.48 0.00	74.94 0.54 0.00	78.06 0.30 0.00	79.20 0.47 -0.10	76.78 0.33 -0.61	68.80 0.06 -0.71	33.97 0.12 -4.79
STATION_5_MISC_HYD 23604	66.64 0.65 0.15	52.20 0.10 0.83	51.05 0.15 0.56	47.04 0.11 0.72	55.03 0.49 0.44	58.16 -0.04 0.20	80.52 -0.78 0.45	65.91 -0.94 2.48	63.39 -0.63 1.65	52.07 -0.63 0.00	54.19 -0.39 0.00	55.95 -0.42 0.00	55.95 0.04 0.00	54.80 0.24 0.00	58.58 0.21 0.00	63.61 0.02 0.00	65.59 -0.06 0.00	67.23 -0.28 0.00	74.11 -0.28 0.00	77.54 -0.21 0.00	78.51 -0.21 -0.09	75.78 -0.59 -0.52	68.31 -0.33 -0.61	32.98 -0.20 -4.11
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	66.27 0.13 0.00	52.73 -0.19 0.00	51.31 -0.14 0.00	47.50 -0.15 0.00	55.08 0.11 0.00	58.20 -0.20 0.00	81.14 -0.62 0.00	68.14 -0.68 0.52	65.12 -0.55 0.00	52.02 -0.68 0.00	53.92 -0.67 0.00	55.65 -0.71 0.00	55.50 -0.40 0.00	54.27 -0.28 0.00	58.08 -0.28 0.00	63.34 -0.25 0.00	65.51 -0.13 0.00	67.30 -0.21 0.00	74.16 -0.23 0.00	77.54 -0.22 0.00	78.46 -0.26 -0.09	75.81 -0.54 -0.51	68.19 -0.43 -0.60	32.84 -0.23 -4.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	66.16 0.03 0.00	52.57 -0.36 0.00	51.14 -0.30 0.00	47.35 -0.30 0.00	54.95 -0.02 0.00	57.86 -0.54 0.00	80.32 -1.44 0.00	66.99 -1.51 0.83	64.51 -1.16 0.00	51.65 -1.05 0.00	53.72 -0.87 0.00	55.49 -0.87 0.00	55.44 -0.46 0.00	54.31 -0.25 0.00	58.05 -0.32 0.00	63.04 -0.55 0.00	65.03 -0.62 0.00	66.67 -0.84 0.00	73.47 -0.93 0.00	76.88 -0.87 0.00	77.82 -0.90 -0.09	75.18 -1.17 -0.51	67.73 -0.90 -0.60	32.65 -0.43 -4.02
STA_56___34_KV_BUS2 355983	66.16 0.03 0.00	52.57 -0.36 0.00	51.14 -0.30 0.00	47.35 -0.30 0.00	54.95 -0.02 0.00	57.86 -0.54 0.00	80.32 -1.44 0.00	66.99 -1.51 0.83	64.51 -1.16 0.00	51.65 -1.05 0.00	53.72 -0.87 0.00	55.49 -0.87 0.00	55.44 -0.46 0.00	54.31 -0.25 0.00	58.05 -0.32 0.00	63.04 -0.55 0.00	65.03 -0.62 0.00	66.67 -0.84 0.00	73.47 -0.93 0.00	76.88 -0.87 0.00	77.82 -0.90 -0.09	75.18 -1.17 -0.51	67.73 -0.90 -0.60	32.65 -0.43 -4.02
STA_67___115KV_BK2 355882	66.68 0.54 0.00	52.95 0.03 0.00	51.52 0.07 0.00	47.69 0.04 0.00	55.38 0.41 0.00	58.25 -0.15 0.00	80.80 -0.96 0.00	67.32 -1.10 0.92	64.91 -0.76 0.00	51.96 -0.73 0.00	54.07 -0.52 0.00	55.85 -0.51 0.00	55.83 -0.07 0.00	54.69 0.13 0.00	58.45 0.08 0.00	63.46 -0.13 0.00	65.46 -0.19 0.00	67.09 -0.42 0.00	73.94 -0.45 0.00	77.37 -0.39 0.00	78.33 -0.39 -0.09	75.65 -0.72 -0.52	68.19 -0.45 -0.61	32.92 -0.26 -4.11
STA_7___115KV_9TRANS 80674	67.07 0.93 0.00	53.23 0.31 0.00	51.78 0.33 0.00	47.93 0.28 0.00	55.67 0.70 0.00	58.59 0.19 0.00	81.34 -0.42 0.00	67.82 -0.60 0.92	65.37 -0.30 0.00	52.31 -0.38 0.00	54.43 -0.16 0.00	56.21 -0.15 0.00	56.20 0.29 0.00	55.03 0.47 0.00	58.82 0.45 0.00	63.90 0.30 0.00	65.92 0.28 0.00	67.62 0.11 0.00	74.54 0.15 0.00	77.99 0.23 0.00	78.94 0.22 -0.09	76.20 -0.17 -0.52	68.63 0.00 -0.61	33.09 -0.08 -4.11
STA_82___115KV_TB1 80780	66.63 0.49 0.00	52.91 -0.01 0.00	51.48 0.03 0.00	47.66 0.01 0.00	55.34 0.37 0.00	58.21 -0.19 0.00	80.74 -1.02 0.00	67.26 -1.16 0.93	64.85 -0.82 0.00	51.92 -0.78 0.00	54.01 -0.57 0.00	55.80 -0.57 0.00	55.78 -0.12 0.00	54.64 0.08 0.00	58.40 0.03 0.00	63.40 -0.19 0.00	65.39 -0.26 0.00	67.02 -0.49 0.00	73.88 -0.52 0.00	77.30 -0.46 0.00	78.26 -0.46 -0.09	75.60 -0.77 -0.53	68.13 -0.51 -0.61	32.90 -0.28 -4.12
STEEL___WIND 323596	66.80 0.99 0.32	51.22 0.12 1.82	50.48 0.26 1.23	46.24 0.17 1.58	54.77 0.75 0.96	57.70 -0.26 0.43	78.92 -1.82 1.03	61.73 -2.20 5.41	60.24 -1.59 3.84	51.54 -1.15 0.00	53.77 -0.82 0.00	55.66 -0.70 0.00	55.87 -0.04 0.00	54.87 0.31 0.00	58.47 0.10 0.00	63.06 -0.53 0.00	64.90 -0.74 0.00	66.22 -1.29 0.00	72.92 -1.47 0.00	76.31 -1.45 0.00	77.20 -1.55 -0.12	74.57 -1.97 -0.70	67.68 -1.16 -0.82	33.94 -0.63 -5.50
STEPHTWN_115KV_BK_2 55603	67.70 1.56 0.00	54.32 1.40 0.00	52.76 1.32 0.00	48.96 1.30 0.00	56.40 1.43 0.00	60.08 1.68 0.00	84.43 2.67 0.00	71.57 2.23 0.00	67.84 2.17 0.00	54.35 1.65 0.00	56.22 1.63 0.00	57.78 1.41 0.00	56.97 1.07 0.00	55.84 1.28 0.00	60.12 1.75 0.00	66.15 2.55 0.00	68.06 2.41 0.00	70.01 2.50 0.00	77.19 2.80 0.00	80.77 3.01 0.00	82.57 3.05 -0.90	84.27 3.06 -5.37	77.03 2.75 -6.25	72.24 1.14 -42.04
STEBEN_REC_LFGE 323667	67.93 1.79 0.00	53.58 0.66 0.00	52.16 0.71 0.00	48.27 0.62 0.00	56.52 1.55 0.00	59.36 0.96 0.00	82.49 0.73 0.00	64.17 -0.09 5.08	65.44 -0.23 0.00	52.04 -0.66 0.00	54.22 -0.37 0.00	56.02 -0.34 0.00	55.85 -0.05 0.00	54.52 -0.04 0.00	58.19 -0.18 0.00	63.55 -0.04 0.00	65.91 0.26 0.00	66.96 -0.55 0.00	73.63 -0.76 0.00	76.58 -1.18 0.00	76.76 -2.05 -0.17	74.85 -2.02 -1.03	68.01 -1.22 -1.20	36.68 -0.45 -8.07
STILLWATER___SOLAR 323814	68.91 2.77 0.00	55.26 2.34 0.00	53.72 2.27 0.00	49.87 2.21 0.00	57.56 2.59 0.00	61.35 2.95 0.00	86.38 4.62 0.00	73.02 3.69 0.00	69.07 3.40 0.00	55.04 2.34 0.00	56.64 2.05 0.00	58.38 2.02 0.00	57.77 1.87 0.00	56.59 2.04 0.00	60.93 2.57 0.00	67.15 3.55 0.00	69.52 3.87 0.00	71.52 4.01 0.00	78.71 4.31 0.00	82.48 4.72 0.00	84.29 4.74 -0.92	86.08 4.72 -5.52	78.75 4.29 -6.43	74.06 1.75 -43.23
STONY___BROOK 24151	70.88 4.72 -0.02	55.77 3.96 1.12	54.73 3.55 0.27	50.10 3.16 0.72	56.09 3.18 2.06	61.64 2.90 -0.33	91.92 2.77 -7.38	75.47 2.07 -4.06	73.48 2.36 -5.45	58.46 2.88 -2.88	60.68 4.28 -1.82	61.67 5.55 0.23	61.00 5.37 0.28	57.89 4.45 1.12	62.55 4.18 0.00	72.95 4.17 -5.18	74.86 3.78 -5.43	77.68 4.37 -5.79	86.56 5.28 -6.88	90.14 5.06 -7.33	92.83 5.30 -8.89	92.79 4.88 -12.06	79.61 4.19 -7.39	67.33 2.60 -35.66
STURGEON_POOL_HYD 23609	68.37 2.23 0.00	54.79 1.87 0.00	53.16 1.71 0.00	49.19 1.54 0.00	56.66 1.69 0.00	60.37 1.97 0.00	84.61 2.84 0.00	72.00 2.66 0.00	68.27 2.60 0.00	55.14 2.45 0.00	57.43 2.84 0.00	59.40 3.03 0.00	58.91 3.01 0.00	57.29 2.73 0.00	61.54 3.17 0.00	66.94 3.35 0.00	69.02 3.36 0.00	71.13 3.61 0.00	78.62 4.22 0.00	81.97 4.21 0.00	83.76 4.33 -0.79	84.62 4.03 -4.75	77.04 3.49 -5.53	67.71 1.46 -37.18

ST_LAW_115_BK7_LBMP 345037	68.50 2.37 0.00	54.13 1.21 0.00	52.61 1.16 0.00	48.53 0.88 0.00	56.31 1.34 0.00	59.54 1.14 0.00	82.06 0.30 0.00	69.27 -0.07 0.00	66.39 0.72 0.00	53.52 0.82 0.00	55.93 1.35 0.00	58.04 1.68 0.00	55.74 -0.16 0.00	54.76 0.21 0.00	58.49 0.12 0.00	62.87 -0.72 0.00	64.56 -1.09 0.00	66.03 -1.48 0.00	72.33 -2.07 0.00	76.11 -1.65 0.00	77.66 -0.99 -0.01	74.81 -1.11 -0.08	66.43 -1.69 -0.09	28.56 -1.10 -0.59
ST_LAW_115_BK8_LBMP 345038	68.50 2.37 0.00	54.13 1.21 0.00	52.61 1.16 0.00	48.53 0.88 0.00	56.31 1.34 0.00	59.54 1.14 0.00	82.06 0.30 0.00	69.27 -0.07 0.00	66.39 0.72 0.00	53.52 0.82 0.00	55.93 1.35 0.00	58.04 1.68 0.00	55.74 -0.16 0.00	54.76 0.21 0.00	58.49 0.12 0.00	62.87 -0.72 0.00	64.56 -1.09 0.00	66.03 -1.48 0.00	72.33 -2.07 0.00	76.11 -1.65 0.00	77.66 -0.99 -0.01	74.81 -1.11 -0.08	66.43 -1.69 -0.09	28.56 -1.10 -0.59
ST_LAW_230_BK5_LBMP 345035	68.44 2.30 0.00	54.10 1.17 0.00	52.56 1.11 0.00	48.49 0.84 0.00	56.27 1.30 0.00	59.51 1.11 0.00	82.04 0.28 0.00	69.26 -0.07 0.00	66.36 0.69 0.00	53.49 0.80 0.00	55.91 1.32 0.00	58.01 1.65 0.00	55.75 -0.16 0.00	54.77 0.21 0.00	58.50 0.13 0.00	62.90 -0.70 0.00	64.57 -1.08 0.00	66.06 -1.44 0.00	72.38 -2.02 0.00	76.14 -1.62 0.00	77.70 -0.94 -0.01	74.83 -1.08 -0.07	66.46 -1.65 -0.08	28.54 -1.08 -0.56
ST_LAW_230_BK6_LBMP 345036	68.44 2.30 0.00	54.10 1.17 0.00	52.56 1.11 0.00	48.49 0.84 0.00	56.27 1.30 0.00	59.51 1.11 0.00	82.04 0.28 0.00	69.26 -0.07 0.00	66.36 0.69 0.00	53.49 0.80 0.00	55.91 1.32 0.00	58.01 1.65 0.00	55.75 -0.16 0.00	54.77 0.21 0.00	58.50 0.13 0.00	62.90 -0.70 0.00	64.57 -1.08 0.00	66.06 -1.44 0.00	72.38 -2.02 0.00	76.14 -1.62 0.00	77.70 -0.94 -0.01	74.83 -1.08 -0.07	66.46 -1.65 -0.08	28.54 -1.08 -0.56
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	68.29 2.16 0.00	54.69 1.77 0.00	53.02 1.57 0.00	49.08 1.43 0.00	56.54 1.57 0.00	60.29 1.90 0.00	84.47 2.71 0.00	71.84 2.50 0.00	68.09 2.41 0.00	55.05 2.35 0.00	57.37 2.78 0.00	59.30 2.94 0.00	58.89 2.99 0.00	57.29 2.73 0.00	61.55 3.18 0.00	66.96 3.36 0.00	69.03 3.38 0.00	71.17 3.66 0.00	78.70 4.31 0.00	81.99 4.23 0.00	83.71 4.32 -0.75	84.35 3.99 -4.51	76.75 3.47 -5.25	65.87 1.50 -35.31
SWANROAD_115KV_TB1 355699	65.55 -0.59 0.00	51.92 -1.00 0.00	50.65 -0.80 0.00	46.86 -0.80 0.00	54.64 -0.32 0.00	56.56 -1.84 0.00	77.34 -4.42 0.00	63.39 -3.60 1.51	62.08 -2.62 0.00	50.07 -2.43 0.00	52.16 -2.42 0.00	53.95 -2.42 0.00	54.23 -1.67 0.00	53.26 -1.30 0.00	56.75 -1.61 0.00	61.08 -2.51 0.00	62.72 -2.92 0.00	64.06 -3.45 0.00	70.54 -3.85 0.00	74.04 -3.72 0.00	75.04 -3.70 -0.11	72.71 -3.78 -0.65	65.84 -2.94 -0.75	32.78 -1.34 -5.05
SYNERGY___BIOGAS 323694	68.08 1.95 0.00	53.94 1.02 0.00	52.54 1.09 0.00	48.62 0.97 0.00	56.66 1.69 0.00	59.19 0.79 0.00	81.73 -0.03 0.00	67.62 -0.44 1.28	65.54 -0.13 0.00	52.21 -0.49 0.00	54.09 -0.50 0.00	55.78 -0.58 0.00	55.88 -0.02 0.00	54.81 0.25 0.00	58.57 0.20 0.00	63.71 0.12 0.00	66.06 0.41 0.00	67.79 0.28 0.00	74.73 0.33 0.00	78.28 0.52 0.00	79.19 0.46 -0.10	76.45 0.01 -0.60	69.02 0.30 -0.70	33.75 0.00 -4.68
SYRACUSE___ENERGY_ST1 323597	65.59 -0.55 0.00	52.43 -0.50 0.00	50.98 -0.47 0.00	47.22 -0.43 0.00	54.55 -0.43 0.00	57.95 -0.45 0.00	81.20 -0.56 0.00	68.84 -0.50 0.00	65.08 -0.59 0.00	52.06 -0.64 0.00	53.81 -0.78 0.00	55.53 -0.83 0.00	55.20 -0.71 0.00	53.86 -0.70 0.00	57.69 -0.68 0.00	63.01 -0.59 0.00	65.27 -0.38 0.00	67.18 -0.33 0.00	74.09 -0.30 0.00	77.33 -0.43 0.00	78.26 -0.46 -0.09	75.81 -0.54 -0.52	68.11 -0.51 -0.60	32.91 -0.20 -4.05
SYRACUSE___ENERGY_ST2 323598	65.59 -0.55 0.00	52.43 -0.50 0.00	50.98 -0.47 0.00	47.22 -0.43 0.00	54.55 -0.43 0.00	57.95 -0.45 0.00	81.20 -0.56 0.00	68.84 -0.50 0.00	65.08 -0.59 0.00	52.06 -0.64 0.00	53.81 -0.78 0.00	55.53 -0.83 0.00	55.20 -0.71 0.00	53.86 -0.70 0.00	57.69 -0.68 0.00	63.01 -0.59 0.00	65.27 -0.38 0.00	67.18 -0.33 0.00	74.09 -0.30 0.00	77.33 -0.43 0.00	78.26 -0.46 -0.09	75.81 -0.54 -0.52	68.11 -0.51 -0.60	32.91 -0.20 -4.05
SYRACUSE___POWER 24017	65.75 -0.38 0.00	52.54 -0.39 0.00	51.08 -0.37 0.00	47.31 -0.34 0.00	54.66 -0.32 0.00	58.07 -0.33 0.00	81.31 -0.45 0.00	69.14 -0.42 -0.22	65.20 -0.47 0.00	52.19 -0.50 0.00	53.92 -0.67 0.00	55.68 -0.69 0.00	55.33 -0.57 0.00	54.01 -0.55 0.00	57.85 -0.52 0.00	63.21 -0.39 0.00	65.46 -0.19 0.00	67.36 -0.15 0.00	74.28 -0.12 0.00	77.60 -0.16 0.00	78.47 -0.25 -0.09	76.03 -0.37 -0.56	68.33 -0.34 -0.65	33.29 -0.15 -4.38
TALLMAN__138KV_BK151 55660	68.36 2.23 0.00	54.76 1.83 0.00	53.04 1.59 0.00	49.08 1.43 0.00	56.56 1.58 0.00	60.34 1.94 0.00	84.51 2.75 0.00	71.91 2.58 0.00	68.17 2.50 0.00	55.24 2.54 0.00	57.68 3.10 0.00	59.71 3.34 0.00	59.34 3.43 0.00	57.66 3.10 0.00	61.88 3.51 0.00	67.12 3.53 0.00	69.12 3.47 0.00	71.29 3.78 0.00	78.88 4.49 0.00	82.14 4.38 0.00	83.88 4.48 -0.76	84.50 4.09 -4.58	76.90 3.55 -5.33	66.43 1.54 -35.83
TEALLAVE_115KV_TB7 355573	65.24 -0.90 0.00	52.13 -0.79 0.00	50.71 -0.74 0.00	46.97 -0.68 0.00	54.26 -0.71 0.00	57.61 -0.78 0.00	80.72 -1.04 0.00	68.43 -0.90 0.00	64.77 -0.90 0.00	51.87 -0.82 0.00	53.64 -0.95 0.00	55.34 -1.02 0.00	54.99 -0.91 0.00	53.69 -0.87 0.00	57.51 -0.86 0.00	62.79 -0.80 0.00	64.97 -0.68 0.00	66.81 -0.70 0.00	73.65 -0.75 0.00	76.93 -0.82 0.00	77.82 -0.89 -0.08	75.33 -0.98 -0.47	67.70 -0.87 -0.54	32.33 -0.37 -3.64
TELGRAPH_34_KV_EAST 80808	66.88 0.75 0.00	52.96 0.04 0.00	51.62 0.17 0.00	47.76 0.11 0.00	55.63 0.66 0.00	57.88 -0.52 0.00	79.58 -2.18 0.00	65.57 -2.39 1.39	63.91 -1.77 0.00	51.26 -1.43 0.00	53.30 -1.29 0.00	55.08 -1.28 0.00	55.28 -0.62 0.00	54.24 -0.32 0.00	57.86 -0.51 0.00	62.52 -1.08 0.00	64.45 -1.20 0.00	65.93 -1.58 0.00	72.65 -1.75 0.00	76.15 -1.61 0.00	77.13 -1.61 -0.10	74.59 -1.87 -0.62	67.46 -1.29 -0.72	33.27 -0.64 -4.85
TEMPLE___115KV_TB 2 55572	65.26 -0.87 0.00	52.14 -0.78 0.00	50.72 -0.73 0.00	46.98 -0.67 0.00	54.27 -0.70 0.00	57.63 -0.77 0.00	80.73 -1.03 0.00	68.43 -0.90 0.00	64.79 -0.89 0.00	51.89 -0.80 0.00	53.65 -0.94 0.00	55.38 -0.99 0.00	55.04 -0.87 0.00	53.73 -0.83 0.00	57.55 -0.82 0.00	62.83 -0.77 0.00	64.99 -0.66 0.00	66.84 -0.67 0.00	73.70 -0.70 0.00	76.98 -0.78 0.00	77.84 -0.87 -0.08	75.37 -0.94 -0.48	67.75 -0.83 -0.55	32.42 -0.36 -3.72
TIANA____69_KV_BK 1 55817	72.24 6.10 -0.01	56.68 4.96 1.20	55.66 4.49 0.28	50.96 4.04 0.74	57.14 4.29 2.12	63.13 4.27 -0.47	96.74 4.80 -10.17	79.01 4.07 -5.60	77.10 3.93 -7.51	60.74 4.07 -3.97	62.49 5.41 -2.49	62.52 6.40 0.25	61.87 6.25 0.29	58.59 5.19 1.16	63.52 5.15 0.00	76.18 5.45 -7.14	78.66 5.53 -7.49	81.60 6.11 -7.98	91.47 7.59 -9.48	95.35 7.50 -10.09	98.35 7.76 -11.96	97.72 7.03 -14.85	82.58 5.92 -8.63	68.15 3.31 -35.78

TILDEN___115KV_TB1 80814	65.75 -0.38 0.00	52.54 -0.39 0.00	51.08 -0.37 0.00	47.31 -0.34 0.00	54.66 -0.32 0.00	58.07 -0.33 0.00	81.31 -0.45 0.00	69.14 -0.42 -0.22	65.20 -0.47 0.00	52.19 -0.50 0.00	53.92 -0.67 0.00	55.68 -0.69 0.00	55.33 -0.57 0.00	54.01 -0.55 0.00	57.85 -0.52 0.00	63.21 -0.39 0.00	65.46 -0.19 0.00	67.36 -0.15 0.00	74.28 -0.12 0.00	77.60 -0.16 0.00	78.47 -0.25 -0.09	76.03 -0.37 -0.56	68.33 -0.34 -0.65	33.29 -0.15 -4.38
TRIGEN___CC 323695	72.09 3.91 -2.05	63.10 3.25 -6.93	54.86 2.93 -0.48	51.55 2.62 -1.27	61.31 2.67 -3.67	61.09 2.68 -0.01	84.64 2.89 0.00	72.09 2.75 0.00	68.53 2.86 0.00	55.72 3.02 0.00	58.84 4.09 -0.17	62.05 4.89 -0.80	61.22 4.82 -0.50	60.80 4.25 -1.99	62.50 4.13 0.00	67.71 4.12 0.00	69.59 3.94 0.00	72.05 4.54 0.00	79.67 5.28 0.00	82.86 5.10 0.00	84.96 5.54 -0.79	85.56 5.03 -4.69	79.82 3.79 -8.00	70.34 2.29 -38.99
TRINITY__115KV__4 BK 55933	66.72 0.59 0.00	53.55 0.63 0.00	52.03 0.58 0.00	48.27 0.62 0.00	55.59 0.62 0.00	59.16 0.76 0.00	83.08 1.32 0.00	70.47 1.14 0.00	66.69 1.02 0.00	53.37 0.68 0.00	55.17 0.58 0.00	56.92 0.55 0.00	56.39 0.49 0.00	55.20 0.64 0.00	59.35 0.98 0.00	65.04 1.44 0.00	67.06 1.42 0.00	68.95 1.44 0.00	75.93 1.53 0.00	79.49 1.74 0.00	81.29 1.76 -0.90	83.11 1.89 -5.38	75.99 1.71 -6.26	71.89 0.72 -42.10
UNION___PROCESSING_DRP 323587	66.64 0.50 0.00	52.92 -0.01 0.00	51.50 0.05 0.00	47.68 0.02 0.00	55.35 0.38 0.00	58.23 -0.16 0.00	80.77 -0.99 0.00	67.26 -1.15 0.92	64.86 -0.81 0.00	51.94 -0.76 0.00	54.03 -0.56 0.00	55.80 -0.57 0.00	55.79 -0.11 0.00	54.64 0.09 0.00	58.41 0.05 0.00	63.41 -0.18 0.00	65.40 -0.25 0.00	67.05 -0.46 0.00	73.88 -0.51 0.00	77.33 -0.43 0.00	78.29 -0.43 -0.09	75.61 -0.76 -0.53	68.15 -0.49 -0.61	32.92 -0.27 -4.12
UPPER HUDSON___HYD 24058	70.01 3.87 0.00	56.18 3.26 0.00	54.65 3.20 0.00	50.77 3.12 0.00	58.67 3.70 0.00	62.66 4.26 0.00	88.33 6.57 0.00	74.49 5.15 0.00	70.53 4.86 0.00	56.19 3.50 0.00	57.80 3.21 0.00	59.58 3.22 0.00	58.84 2.94 0.00	57.58 3.03 0.00	61.98 3.61 0.00	68.44 4.84 0.00	70.98 5.34 0.00	73.05 5.54 0.00	80.43 6.03 0.00	84.33 6.57 0.00	86.08 6.52 -0.93	87.74 6.35 -5.55	80.35 5.87 -6.45	74.82 2.34 -43.42
UPPER RAQUET___HYD 24056	69.26 3.13 0.00	54.74 1.82 0.00	53.19 1.74 0.00	49.07 1.42 0.00	56.83 1.86 0.00	59.71 1.31 0.00	82.20 0.44 0.00	69.54 0.20 0.00	66.74 1.07 0.00	53.60 0.91 0.00	55.78 1.19 0.00	57.73 1.37 0.00	55.41 -0.50 0.00	54.36 -0.20 0.00	58.07 -0.30 0.00	62.49 -1.11 0.00	64.53 -1.12 0.00	65.82 -1.69 0.00	72.08 -2.31 0.00	75.77 -1.99 0.00	77.32 -1.33 -0.02	74.68 -1.27 -0.11	66.48 -1.68 -0.13	28.96 -1.00 -0.89
VALLEY44_115KV_TB2 355964	67.18 1.05 0.00	53.03 0.11 0.00	51.59 0.14 0.00	47.73 0.08 0.00	55.74 0.77 0.00	58.26 -0.14 0.00	80.34 -1.42 0.00	65.42 -1.86 2.06	64.38 -1.29 0.00	51.92 -0.77 0.00	54.47 -0.12 0.00	56.45 0.09 0.00	56.53 0.62 0.00	55.24 0.69 0.00	58.74 0.37 0.00	63.36 -0.24 0.00	65.19 -0.45 0.00	66.20 -1.31 0.00	73.13 -1.27 0.00	76.41 -1.35 0.00	77.58 -1.18 -0.13	75.20 -1.41 -0.77	68.19 -0.73 -0.90	34.56 -0.53 -6.03
VALLEY___115KV_TB 1-4 80826	69.29 3.15 0.00	55.41 2.49 0.00	53.86 2.42 0.00	49.91 2.25 0.00	57.67 2.70 0.00	61.41 3.01 0.00	86.13 4.36 0.00	73.08 3.75 0.00	68.54 2.87 0.00	54.60 1.90 0.00	56.14 1.55 0.00	57.58 1.22 0.00	57.07 1.17 0.00	55.63 1.07 0.00	60.03 1.66 0.00	66.32 2.72 0.00	69.19 3.54 0.00	71.28 3.76 0.00	78.40 4.01 0.00	81.62 3.86 0.00	82.21 3.56 -0.01	79.81 3.90 -0.07	71.74 3.64 -0.08	31.08 1.48 -0.54
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	70.04 3.91 0.00	56.07 3.15 0.00	54.61 3.16 0.00	50.62 2.97 0.00	58.32 3.35 0.00	62.15 3.75 0.00	87.17 5.41 0.00	74.15 4.50 -0.31	69.79 4.11 0.00	55.85 3.16 0.00	57.96 3.38 0.00	59.66 3.30 0.00	59.24 3.34 0.00	57.49 2.93 0.00	61.76 3.39 0.00	67.44 3.84 0.00	69.45 3.80 0.00	71.45 3.94 0.00	79.01 4.62 0.00	82.44 4.69 0.00	83.69 4.68 -0.37	82.47 4.42 -2.21	74.52 3.92 -2.57	48.06 1.68 -17.31
VISCHER___FERRY HYD 24020	67.55 1.41 0.00	54.22 1.29 0.00	52.67 1.22 0.00	48.89 1.23 0.00	56.38 1.41 0.00	60.04 1.64 0.00	84.46 2.70 0.00	71.49 2.15 0.00	67.63 1.96 0.00	53.92 1.22 0.00	55.52 0.93 0.00	57.35 0.99 0.00	56.79 0.88 0.00	55.70 1.14 0.00	59.89 1.52 0.00	65.83 2.23 0.00	67.95 2.30 0.00	69.92 2.41 0.00	76.88 2.48 0.00	80.64 2.88 0.00	82.47 2.93 -0.91	84.44 3.14 -5.46	77.24 2.87 -6.35	72.97 1.20 -42.70
V_A_10_SYNC_DSASP 323832	65.89 -0.25 0.00	52.21 -0.72 0.00	50.85 -0.60 0.00	47.05 -0.60 0.00	54.72 -0.25 0.00	57.16 -1.23 0.00	78.65 -3.11 0.00	64.94 -3.19 1.21	63.16 -2.51 0.00	50.85 -1.85 0.00	53.09 -1.50 0.00	54.89 -1.47 0.00	55.06 -0.84 0.00	53.97 -0.58 0.00	57.59 -0.78 0.00	62.07 -1.52 0.00	63.77 -1.88 0.00	65.12 -2.39 0.00	71.76 -2.64 0.00	75.18 -2.58 0.00	76.23 -2.51 -0.10	73.74 -2.68 -0.58	66.74 -1.96 -0.67	32.73 -0.87 -4.54
V_CMM_10_SYNC_DSASP 323787	68.90 2.76 0.00	54.45 1.53 0.00	52.90 1.45 0.00	48.79 1.14 0.00	56.64 1.67 0.00	59.89 1.50 0.00	82.52 0.76 0.00	69.69 0.35 0.00	66.78 1.11 0.00	53.83 1.14 0.00	56.26 1.67 0.00	58.37 2.01 0.00	56.07 0.17 0.00	55.09 0.54 0.00	58.85 0.48 0.00	63.26 -0.34 0.00	64.96 -0.69 0.00	66.43 -1.08 0.00	72.76 -1.63 0.00	76.56 -1.20 0.00	78.11 -0.54 -0.01	75.13 -0.79 -0.08	66.81 -1.31 -0.09	28.72 -0.93 -0.59
V_CMP_10_SYNC_DSASP 323788	69.07 2.93 0.00	54.59 1.67 0.00	53.05 1.60 0.00	48.93 1.28 0.00	56.79 1.82 0.00	60.08 1.69 0.00	82.48 0.71 0.00	69.68 0.34 0.00	66.76 1.09 0.00	54.03 1.34 0.00	56.42 1.83 0.00	58.53 2.17 0.00	56.25 0.35 0.00	55.21 0.65 0.00	58.97 0.61 0.00	63.42 -0.18 0.00	64.80 -0.85 0.00	66.32 -1.19 0.00	72.67 -1.73 0.00	76.53 -1.23 0.00	78.38 -0.26 -0.01	75.92 0.01 -0.07	67.52 -0.59 -0.08	28.90 -0.73 -0.57
V_D_10_SYNC_DSASP 323841	69.47 3.33 0.00	54.91 1.99 0.00	53.34 1.90 0.00	49.21 1.56 0.00	57.11 2.14 0.00	60.32 1.92 0.00	83.13 1.37 0.00	70.20 0.86 0.00	67.26 1.59 0.00	54.18 1.49 0.00	56.60 2.01 0.00	58.70 2.34 0.00	56.38 0.48 0.00	55.37 0.81 0.00	59.15 0.78 0.00	63.61 0.02 0.00	65.38 -0.27 0.00	66.85 -0.65 0.00	73.22 -1.18 0.00	77.06 -0.70 0.00	78.61 -0.03 -0.01	75.62 -0.30 -0.08	67.26 -0.86 -0.10	28.97 -0.73 -0.64
V_E_10_SYNC_DSASP 323830	71.07 4.94 0.00	56.66 3.74 0.00	55.13 3.69 0.00	51.13 3.48 0.00	59.22 4.25 0.00	63.13 4.73 0.00	89.09 7.33 0.00	77.17 6.36 -1.47	70.86 5.19 0.00	56.29 3.59 0.00	57.35 2.77 0.00	59.08 2.72 0.00	58.87 2.97 0.00	57.28 2.72 0.00	61.93 3.56 0.00	68.59 4.99 0.00	72.15 6.50 0.00	74.39 6.88 0.00	82.28 7.89 0.00	85.00 7.24 0.00	85.49 6.59 -0.26	83.06 5.64 -1.58	74.79 4.93 -1.83	43.47 2.08 -12.33



V_F_30_NSYNC___DSASP 323816	69.01 2.88 0.00	55.34 2.42 0.00	53.79 2.35 0.00	49.92 2.27 0.00	57.65 2.68 0.00	61.42 3.02 0.00	86.49 4.73 0.00	73.12 3.78 0.00	69.18 3.51 0.00	55.13 2.44 0.00	56.78 2.19 0.00	58.51 2.15 0.00	57.92 2.02 0.00	56.73 2.17 0.00	61.07 2.70 0.00	67.24 3.65 0.00	69.60 3.94 0.00	71.64 4.13 0.00	78.82 4.42 0.00	82.57 4.81 0.00	84.39 4.84 -0.92	86.17 4.79 -5.54	78.82 4.35 -6.44	74.16 1.78 -43.31
V_F_30_SYNC_DSASP 323786	67.00 0.86 0.00	53.76 0.83 0.00	52.23 0.78 0.00	48.45 0.80 0.00	55.80 0.83 0.00	59.39 1.00 0.00	83.44 1.68 0.00	70.81 1.47 0.00	66.99 1.32 0.00	53.62 0.92 0.00	55.45 0.86 0.00	57.17 0.80 0.00	56.63 0.73 0.00	55.44 0.88 0.00	59.65 1.29 0.00	65.41 1.82 0.00	67.43 1.78 0.00	69.34 1.83 0.00	76.36 1.97 0.00	79.91 2.15 0.00	81.69 2.16 -0.90	83.47 2.23 -5.40	76.31 2.01 -6.28	72.12 0.84 -42.22
V_XM_10_SYNC_DSASP 323789	69.07 2.93 0.00	54.59 1.67 0.00	53.05 1.60 0.00	48.93 1.28 0.00	56.79 1.82 0.00	60.08 1.69 0.00	82.48 0.71 0.00	69.68 0.34 0.00	66.76 1.09 0.00	54.03 1.34 0.00	56.42 1.83 0.00	58.53 2.17 0.00	56.25 0.35 0.00	55.21 0.65 0.00	58.97 0.61 0.00	63.42 -0.18 0.00	64.80 -0.85 0.00	66.32 -1.19 0.00	72.67 -1.73 0.00	76.53 -1.23 0.00	78.38 -0.26 -0.01	75.92 0.01 -0.07	67.52 -0.59 -0.08	28.90 -0.73 -0.57
W.BABYLN_69_KV_BK1 56697	71.85 5.19 -0.53	58.06 4.22 -0.92	55.32 3.95 0.08	50.93 3.49 0.21	57.92 3.56 0.61	61.99 3.47 -0.13	88.39 3.85 -2.78	74.27 3.41 -1.53	71.39 3.67 -2.05	57.51 3.73 -1.08	60.28 4.96 -0.73	62.39 5.99 -0.03	61.63 5.81 0.08	59.26 5.03 0.33	63.31 4.94 0.00	70.76 5.21 -1.95	72.66 4.97 -2.04	75.47 5.78 -2.18	83.74 6.75 -2.59	87.07 6.56 -2.75	89.24 6.78 -3.83	89.56 6.26 -7.45	79.47 5.15 -6.29	68.27 2.85 -36.35
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	68.72 2.58 0.00	55.03 2.11 0.00	53.31 1.86 0.00	49.33 1.68 0.00	56.85 1.88 0.00	60.64 2.24 0.00	84.99 3.22 0.00	72.32 2.99 0.00	68.56 2.89 0.00	55.53 2.83 0.00	57.98 3.39 0.00	60.01 3.65 0.00	59.62 3.72 0.00	57.97 3.41 0.00	62.22 3.85 0.00	67.54 3.94 0.00	69.57 3.92 0.00	71.74 4.23 0.00	79.35 4.95 0.00	82.62 4.87 0.00	84.37 4.97 -0.77	85.01 4.57 -4.60	77.33 3.95 -5.35	66.75 1.70 -35.99
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	68.62 2.48 0.00	55.03 2.11 0.00	53.34 1.89 0.00	49.37 1.72 0.00	56.85 1.88 0.00	60.62 2.22 0.00	84.83 3.07 0.00	72.28 2.94 0.00	68.61 2.99 0.00	55.69 2.99 0.00	58.26 3.67 0.00	60.33 3.97 0.00	59.95 4.04 0.00	58.29 3.73 0.00	62.46 4.10 0.00	67.69 4.10 0.00	69.62 3.97 0.00	71.78 4.27 0.00	79.33 4.94 0.00	82.59 4.83 0.00	84.52 5.11 -0.78	85.22 4.71 -4.68	77.57 4.11 -5.44	67.42 1.77 -36.58
W50THST__13_KV_LOAD 356117	68.94 2.81 0.00	55.30 2.37 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.13 2.16 0.00	60.93 2.54 0.00	85.25 3.49 0.00	72.67 3.34 0.00	68.99 3.32 0.00	56.03 3.34 0.00	58.65 4.07 0.00	60.74 4.37 0.00	60.37 4.47 0.00	58.71 4.15 0.00	62.93 4.56 0.00	68.17 4.57 0.00	70.05 4.40 0.00	72.23 4.72 0.00	79.78 5.38 0.00	83.00 5.24 0.00	84.92 5.51 -0.78	85.60 5.09 -4.68	77.84 4.38 -5.44	67.52 1.87 -36.58
WADING RIVER_IC_1 23522	71.53 5.38 -0.01	56.15 4.44 1.21	55.17 4.00 0.28	50.49 3.58 0.74	56.55 3.70 2.13	62.46 3.59 -0.47	95.83 3.81 -10.26	78.18 3.20 -5.65	76.41 3.16 -7.57	60.16 3.46 -4.01	61.89 4.78 -2.51	62.01 5.89 0.25	61.32 5.71 0.29	58.09 4.69 1.16	62.93 4.56 0.00	75.57 4.78 -7.20	77.96 4.76 -7.55	81.00 5.44 -8.05	90.59 6.63 -9.56	94.39 6.46 -10.18	97.41 6.72 -12.05	96.87 6.10 -14.94	81.81 5.11 -8.66	67.82 2.97 -35.78
WADING RIVER_IC_2 23547	71.53 5.38 -0.01	56.15 4.44 1.21	55.17 4.00 0.28	50.49 3.58 0.74	56.55 3.70 2.13	62.46 3.59 -0.47	95.83 3.81 -10.26	78.18 3.20 -5.65	76.41 3.16 -7.57	60.16 3.46 -4.01	61.89 4.78 -2.51	62.01 5.89 0.25	61.32 5.71 0.29	58.09 4.69 1.16	62.93 4.56 0.00	75.57 4.78 -7.20	77.96 4.76 -7.55	81.00 5.44 -8.05	90.59 6.63 -9.56	94.39 6.46 -10.18	97.41 6.72 -12.05	96.87 6.10 -14.94	81.81 5.11 -8.66	67.82 2.97 -35.78
WADING RIVER_IC_3 23601	71.53 5.38 -0.01	56.15 4.44 1.21	55.17 4.00 0.28	50.49 3.58 0.74	56.55 3.70 2.13	62.46 3.59 -0.47	95.83 3.81 -10.26	78.18 3.20 -5.65	76.41 3.16 -7.57	60.16 3.46 -4.01	61.89 4.78 -2.51	62.01 5.89 0.25	61.32 5.71 0.29	58.09 4.69 1.16	62.93 4.56 0.00	75.57 4.78 -7.20	77.96 4.76 -7.55	81.00 5.44 -8.05	90.59 6.63 -9.56	94.39 6.46 -10.18	97.41 6.72 -12.05	96.87 6.10 -14.94	81.81 5.11 -8.66	67.82 2.97 -35.78
WALDENNY_12_KV_BK2 80841	67.15 1.01 0.00	53.10 0.17 0.00	51.76 0.31 0.00	47.88 0.23 0.00	55.81 0.84 0.00	58.16 -0.24 0.00	79.95 -1.81 0.00	65.39 -2.20 1.75	64.14 -1.53 0.00	51.59 -1.11 0.00	53.84 -0.74 0.00	55.72 -0.64 0.00	55.95 0.05 0.00	54.93 0.37 0.00	58.52 0.15 0.00	63.10 -0.50 0.00	64.94 -0.71 0.00	66.25 -1.26 0.00	72.98 -1.42 0.00	76.39 -1.37 0.00	77.29 -1.46 -0.12	74.77 -1.76 -0.70	67.74 -1.10 -0.81	33.91 -0.61 -5.45
WALDEN___HYDRO 24148	68.63 2.50 0.00	54.98 2.06 0.00	53.30 1.85 0.00	49.33 1.68 0.00	56.85 1.88 0.00	60.60 2.20 0.00	84.96 3.20 0.00	72.27 2.94 0.00	68.49 2.81 0.00	55.31 2.61 0.00	57.60 3.02 0.00	59.49 3.13 0.00	59.04 3.14 0.00	57.44 2.89 0.00	61.75 3.37 0.00	67.24 3.65 0.00	69.40 3.76 0.00	71.55 4.04 0.00	79.15 4.75 0.00	82.46 4.70 0.00	84.20 4.80 -0.77	84.90 4.46 -4.60	77.25 3.87 -5.35	66.72 1.65 -36.01
WARRENSBURG____ 23737	70.01 3.87 0.00	56.18 3.25 0.00	54.65 3.20 0.00	50.77 3.12 0.00	58.67 3.70 0.00	62.65 4.26 0.00	88.33 6.58 0.00	74.49 5.15 0.00	70.53 4.86 0.00	56.19 3.50 0.00	57.80 3.21 0.00	59.58 3.22 0.00	58.84 2.94 0.00	57.59 3.03 0.00	61.98 3.61 0.00	68.44 4.84 0.00	70.98 5.34 0.00	73.05 5.54 0.00	80.42 6.02 0.00	84.32 6.56 0.00	86.08 6.52 -0.93	87.74 6.35 -5.55	80.35 5.87 -6.45	74.82 2.35 -43.42
WATERSIDE___6 8 9 23538	68.66 2.52 0.00	55.18 2.26 0.00	53.49 2.05 0.00	49.50 1.85 0.00	56.88 1.91 0.00	60.61 2.21 0.00	84.71 2.95 0.00	72.31 2.97 0.00	68.59 2.92 0.00	55.73 3.04 0.00	58.31 3.72 0.00	60.34 3.98 0.00	59.97 4.06 0.00	58.32 3.76 0.00	62.52 4.15 0.00	67.66 4.06 0.00	69.57 3.92 0.00	71.73 4.22 0.00	79.25 4.85 0.00	82.48 4.72 0.00	84.35 4.93 -0.78	85.10 4.58 -4.68	77.44 3.98 -5.44	67.38 1.73 -36.59
WATKINRD_115KV_LN8_ILLION 55919	68.42 2.28 0.00	54.72 1.80 0.00	53.20 1.75 0.00	49.30 1.65 0.00	56.92 1.95 0.00	60.58 2.18 0.00	84.92 3.16 0.00	72.07 2.73 0.00	67.77 2.10 0.00	54.09 1.40 0.00	55.74 1.16 0.00	57.27 0.90 0.00	56.75 0.85 0.00	55.35 0.79 0.00	59.58 1.22 0.00	65.58 1.99 0.00	68.22 2.57 0.00	70.26 2.75 0.00	77.32 2.92 0.00	80.64 2.88 0.00	81.34 2.70 -0.01	78.80 2.89 -0.07	70.76 2.65 -0.08	30.68 1.08 -0.54

WDELAWARE___HYD 323627	68.84 2.70 0.00	55.11 2.18 0.00	53.45 2.00 0.00	49.47 1.82 0.00	57.03 2.06 0.00	60.81 2.41 0.00	85.33 3.57 0.00	72.63 3.29 0.00	68.79 3.12 0.00	55.43 2.73 0.00	57.50 2.91 0.00	59.22 2.85 0.00	58.49 2.59 0.00	55.64 1.08 0.00	59.94 1.57 0.00	65.55 1.95 0.00	67.84 2.19 0.00	70.05 2.54 0.00	77.50 3.10 0.00	80.74 2.98 0.00	82.65 3.27 -0.74	85.04 4.75 -4.46	77.34 4.12 -5.19	65.68 1.73 -34.89
WEST BABYLON___IC 23714	71.85 5.19 -0.53	58.06 4.22 -0.92	55.32 3.95 0.08	50.93 3.49 0.21	57.92 3.56 0.61	61.99 3.47 -0.13	88.39 3.85 -2.78	74.27 3.41 -1.53	71.39 3.67 -2.05	57.51 3.73 -1.08	60.28 4.96 -0.73	62.39 5.99 -0.03	61.63 5.81 0.08	59.26 5.03 0.33	63.31 4.94 0.00	70.76 5.21 -1.95	72.66 4.97 -2.04	75.47 5.78 -2.18	83.74 6.75 -2.59	87.07 6.56 -2.75	89.24 6.78 -3.83	89.56 6.26 -7.45	79.47 5.15 -6.29	68.27 2.85 -36.35
WEST CANADA___HYD 24049	66.41 0.28 0.00	53.19 0.27 0.00	51.71 0.26 0.00	47.89 0.24 0.00	55.24 0.27 0.00	58.69 0.29 0.00	82.17 0.41 0.00	69.69 0.35 0.00	65.99 0.31 0.00	52.91 0.21 0.00	54.79 0.21 0.00	56.53 0.17 0.00	56.07 0.17 0.00	54.72 0.16 0.00	58.60 0.24 0.00	63.98 0.38 0.00	66.04 0.40 0.00	67.92 0.41 0.00	74.78 0.38 0.00	78.15 0.39 0.00	79.04 0.39 -0.01	76.29 0.38 -0.07	68.45 0.34 -0.08	29.73 0.13 -0.54
WESTERN_NY_WIND 24143	68.01 1.88 0.00	53.89 0.96 0.00	52.48 1.04 0.00	48.57 0.92 0.00	56.59 1.62 0.00	59.11 0.71 0.00	81.59 -0.17 0.00	67.44 -0.58 1.31	65.42 -0.25 0.00	52.14 -0.55 0.00	54.01 -0.58 0.00	55.71 -0.65 0.00	55.82 -0.08 0.00	54.76 0.20 0.00	58.49 0.13 0.00	63.63 0.03 0.00	65.96 0.31 0.00	67.66 0.15 0.00	74.60 0.20 0.00	78.15 0.39 0.00	79.04 0.31 -0.10	76.32 -0.12 -0.61	68.92 0.18 -0.70	33.75 -0.04 -4.73
WESTOVER___LESR 323668	66.94 0.80 0.00	53.37 0.44 0.00	51.92 0.48 0.00	48.09 0.44 0.00	55.65 0.67 0.00	58.99 0.59 0.00	82.56 0.80 0.00	70.12 0.50 -0.29	66.16 0.49 0.00	53.08 0.38 0.00	55.02 0.42 0.00	56.82 0.46 0.00	56.49 0.59 0.00	55.04 0.48 0.00	58.68 0.31 0.00	63.78 0.19 0.00	66.18 0.54 0.00	67.93 0.42 0.00	75.08 0.69 0.00	78.35 0.60 0.00	79.45 0.55 -0.27	77.87 0.43 -1.61	70.36 0.46 -1.88	41.84 0.16 -12.61
WETHRSFD_WT_PWR 323626	66.51 0.37 0.00	52.47 -0.45 0.00	51.14 -0.31 0.00	47.34 -0.32 0.00	55.29 0.32 0.00	57.78 -0.62 0.00	79.76 -2.00 0.00	64.34 -2.42 2.58	63.64 -2.04 0.00	50.86 -1.83 0.00	53.12 -1.47 0.00	54.98 -1.39 0.00	55.05 -0.85 0.00	53.87 -0.68 0.00	57.41 -0.96 0.00	62.32 -1.28 0.00	64.45 -1.20 0.00	65.60 -1.91 0.00	72.31 -2.09 0.00	75.44 -2.32 0.00	76.10 -2.67 -0.13	73.72 -2.92 -0.80	66.80 -2.16 -0.93	34.33 -1.02 -6.29
WHAVSTOR_138KV_BK127 55557	68.31 2.17 0.00	54.73 1.80 0.00	53.03 1.58 0.00	49.06 1.41 0.00	56.53 1.56 0.00	60.29 1.89 0.00	84.43 2.67 0.00	71.85 2.51 0.00	68.10 2.43 0.00	55.18 2.49 0.00	57.61 3.03 0.00	59.64 3.27 0.00	59.23 3.33 0.00	57.60 3.04 0.00	61.80 3.42 0.00	67.06 3.47 0.00	69.06 3.41 0.00	71.21 3.70 0.00	78.78 4.38 0.00	82.04 4.28 0.00	83.79 4.39 -0.77	84.47 4.03 -4.60	76.88 3.50 -5.35	66.60 1.52 -36.01
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	68.31 2.17 0.00	54.73 1.80 0.00	53.03 1.58 0.00	49.06 1.41 0.00	56.53 1.56 0.00	60.29 1.89 0.00	84.43 2.67 0.00	71.85 2.51 0.00	68.10 2.43 0.00	55.18 2.49 0.00	57.61 3.03 0.00	59.64 3.27 0.00	59.23 3.33 0.00	57.60 3.04 0.00	61.80 3.42 0.00	67.06 3.47 0.00	69.06 3.41 0.00	71.21 3.70 0.00	78.78 4.38 0.00	82.04 4.28 0.00	83.79 4.39 -0.77	84.47 4.03 -4.60	76.88 3.50 -5.35	66.60 1.52 -36.01
WHITEHAL_115KV_TB1 80871	70.97 4.83 0.00	57.26 4.34 0.00	55.52 4.08 0.00	51.72 4.07 0.00	59.98 5.01 0.00	64.34 5.95 0.00	91.02 9.26 0.00	75.55 6.21 0.00	72.05 6.38 0.00	57.13 4.44 0.00	58.55 3.96 0.00	60.84 4.47 0.00	60.07 4.17 0.00	59.31 4.75 0.00	63.61 5.25 0.00	70.65 7.05 0.00	73.69 8.04 0.00	75.62 8.11 0.00	83.06 8.67 0.00	87.46 9.70 0.00	88.39 8.83 -0.93	90.11 8.72 -5.55	82.84 8.36 -6.45	75.61 3.18 -43.37
WHITEPLN_13_KV_LOAD 356215	69.09 2.96 0.00	55.36 2.44 0.00	53.65 2.20 0.00	49.65 2.00 0.00	57.21 2.24 0.00	61.01 2.61 0.00	85.48 3.72 0.00	72.80 3.46 0.00	69.04 3.37 0.00	55.95 3.25 0.00	58.44 3.85 0.00	60.49 4.13 0.00	60.05 4.15 0.00	58.41 3.85 0.00	62.66 4.30 0.00	68.05 4.46 0.00	70.08 4.43 0.00	72.30 4.79 0.00	79.91 5.51 0.00	83.21 5.45 0.00	84.99 5.57 -0.78	85.65 5.14 -4.67	77.91 4.45 -5.43	67.52 1.90 -36.54
WM_FLOYD_69_KV_BK2 356380	71.32 5.17 -0.02	56.04 4.28 1.17	55.04 3.88 0.28	50.38 3.45 0.73	56.43 3.56 2.10	62.25 3.40 -0.45	95.07 3.54 -9.77	77.70 2.99 -5.38	75.86 2.98 -7.21	59.80 3.29 -3.81	61.58 4.59 -2.40	61.77 5.65 0.24	61.15 5.53 0.28	57.97 4.55 1.14	62.79 4.42 0.00	75.05 4.60 -6.86	77.35 4.52 -7.19	80.43 5.26 -7.66	89.87 6.38 -9.10	93.65 6.21 -9.69	96.60 6.46 -11.51	96.11 5.82 -14.45	81.32 4.83 -8.46	67.70 2.87 -35.77
WOODARD__115KV_TB2 355635	65.16 -0.98 0.00	52.07 -0.85 0.00	50.64 -0.81 0.00	46.89 -0.77 0.00	54.16 -0.81 0.00	57.52 -0.88 0.00	80.58 -1.18 0.00	68.32 -1.02 0.00	64.66 -1.02 0.00	51.79 -0.90 0.00	53.55 -1.04 0.00	55.27 -1.10 0.00	54.90 -1.00 0.00	53.60 -0.95 0.00	57.40 -0.96 0.00	62.68 -0.92 0.00	64.84 -0.82 0.00	66.70 -0.81 0.00	73.54 -0.85 0.00	76.81 -0.95 0.00	77.68 -1.03 -0.08	75.22 -1.08 -0.46	67.60 -0.96 -0.54	32.27 -0.41 -3.62
WOODMERE_69_KV_BK1 55827	75.89 4.77 -4.98	74.97 3.92 -18.13	56.53 3.59 -1.49	54.79 3.21 -3.93	69.66 3.37 -11.32	61.85 3.42 -0.03	85.67 3.91 0.00	72.88 3.54 0.00	69.26 3.59 0.00	56.34 3.64 0.00	59.75 4.78 -0.38	64.19 5.60 -2.22	62.94 5.50 -1.53	65.68 4.97 -6.15	63.21 4.84 0.00	68.46 4.87 0.00	70.44 4.79 0.00	73.01 5.51 0.00	80.74 6.34 0.00	83.96 6.20 0.00	86.19 6.75 -0.81	86.65 6.10 -4.70	85.83 4.46 -13.35	75.71 2.66 -43.99
YORK___WARBASSE 23770	68.81 2.68 0.00	55.38 2.46 0.00	53.61 2.17 0.00	49.61 1.96 0.00	57.00 2.03 0.00	60.76 2.36 0.00	84.79 3.03 0.00	72.48 3.14 0.00	68.66 2.99 0.00	55.80 3.11 0.00	58.33 3.74 0.00	60.40 4.03 0.00	60.01 4.11 0.00	58.35 3.79 0.00	62.55 4.18 0.00	67.66 4.07 0.00	69.56 3.91 0.00	71.69 4.18 0.00	79.25 4.85 0.00	82.50 4.74 0.00	84.35 4.94 -0.78	85.19 4.67 -4.68	77.58 4.12 -5.44	67.43 1.78 -36.59