

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/04/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	65.21	59.84	57.66	53.89	54.43	54.37	60.53	58.71	55.60	59.13	51.66	54.46	54.11	54.85	54.97	60.55	82.13	54.32	53.07	53.52	53.30	51.57	48.88	54.79
24138	2.47	2.22	2.07	1.96	2.00	2.18	2.44	2.71	3.16	3.85	3.50	3.78	3.54	3.41	3.61	3.94	5.85	4.37	4.37	3.61	2.52	2.13	2.15	2.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	65.45	60.05	57.87	54.07	54.60	54.53	60.66	58.77	55.66	59.15	51.69	54.43	54.05	54.81	54.94	60.55	82.11	54.32	53.08	53.59	53.38	51.68	49.02	54.99
24260	2.71	2.43	2.27	2.13	2.16	2.33	2.58	2.78	3.22	3.88	3.53	3.75	3.48	3.36	3.58	3.93	5.82	4.37	4.38	3.67	2.59	2.23	2.29	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	65.45	60.05	57.87	54.07	54.60	54.53	60.66	58.77	55.66	59.15	51.69	54.43	54.05	54.81	54.94	60.55	82.11	54.32	53.08	53.59	53.38	51.68	49.02	54.99
24261	2.71	2.43	2.27	2.13	2.16	2.33	2.58	2.78	3.22	3.88	3.53	3.75	3.48	3.36	3.58	3.93	5.82	4.37	4.38	3.67	2.59	2.23	2.29	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.64	0.00	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	65.45	60.21	58.17	54.39	54.95	54.67	60.84	58.24	52.21	56.32	45.87	50.74	51.23	52.08	51.77	57.43	78.26	51.91	51.18	52.38	53.22	51.71	48.52	54.45
24011	2.71	2.59	2.57	2.45	2.51	2.47	2.76	2.25	1.40	1.05	0.35	0.06	0.65	0.63	0.41	0.82	1.98	1.96	2.48	2.47	2.43	2.26	1.79	2.23
	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	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	65.92	60.64	58.61	54.80	55.33	55.04	61.30	58.61	52.38	56.47	45.92	50.74	51.42	52.24	51.84	57.50	78.52	52.19	51.44	52.71	53.52	52.03	48.81	54.82
23798	3.18	3.03	3.01	2.86	2.90	2.84	3.22	2.62	1.57	1.20	0.40	0.06	0.84	0.79	0.48	0.89	2.24	2.24	2.74	2.80	2.74	2.58	2.08	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	65.45	60.21	58.17	54.39	54.95	54.67	60.84	58.24	52.21	56.32</														

ALBANY___2 23572	62.25 -0.49 0.00	57.35 -0.27 0.00	55.35 -0.25 0.00	51.78 -0.16 0.00	52.34 -0.10 0.00	52.09 -0.10 0.00	57.90 -0.19 0.00	55.73 -0.27 0.00	50.60 -0.21 0.00	54.89 -0.38 0.00	45.25 -0.26 0.00	50.19 -0.49 0.00	50.29 -0.28 0.00	51.00 -0.44 0.00	50.90 -0.47 0.00	56.17 -0.44 0.00	75.83 -0.45 0.00	50.02 0.07 0.00	48.94 0.24 0.00	49.86 -0.05 0.00	50.48 -0.31 0.00	49.06 -0.38 0.00	46.29 -0.44 0.00	51.86 -0.35 0.00
ALBANY___3 23573	62.25 -0.49 0.00	57.35 -0.27 0.00	55.35 -0.25 0.00	51.78 -0.16 0.00	52.34 -0.10 0.00	52.09 -0.10 0.00	57.90 -0.19 0.00	55.73 -0.27 0.00	50.60 -0.21 0.00	54.89 -0.38 0.00	45.25 -0.26 0.00	50.19 -0.49 0.00	50.29 -0.28 0.00	51.00 -0.44 0.00	50.90 -0.47 0.00	56.17 -0.44 0.00	75.83 -0.45 0.00	50.02 0.07 0.00	48.94 0.24 0.00	49.86 -0.05 0.00	50.48 -0.31 0.00	49.06 -0.38 0.00	46.29 -0.44 0.00	51.86 -0.35 0.00
ALBANY___4 23574	62.25 -0.49 0.00	57.35 -0.27 0.00	55.35 -0.25 0.00	51.78 -0.16 0.00	52.34 -0.10 0.00	52.09 -0.10 0.00	57.90 -0.19 0.00	55.73 -0.27 0.00	50.60 -0.21 0.00	54.89 -0.38 0.00	45.25 -0.26 0.00	50.19 -0.49 0.00	50.29 -0.28 0.00	51.00 -0.44 0.00	50.90 -0.47 0.00	56.17 -0.44 0.00	75.83 -0.45 0.00	50.02 0.07 0.00	48.94 0.24 0.00	49.86 -0.05 0.00	50.48 -0.31 0.00	49.06 -0.38 0.00	46.29 -0.44 0.00	51.86 -0.35 0.00
ALBANY___LFGE 323615	63.01 0.27 0.00	58.03 0.41 0.00	55.98 0.38 0.00	52.38 0.44 0.00	52.95 0.51 0.00	52.70 0.50 0.00	58.59 0.50 0.00	56.38 0.39 0.00	51.17 0.37 0.00	55.52 0.25 0.00	45.79 0.27 0.00	50.80 0.12 0.00	50.91 0.33 0.00	51.66 0.20 0.00	51.55 0.19 0.00	56.90 0.29 0.00	76.88 0.60 0.00	50.71 0.76 0.00	49.59 0.90 0.00	50.51 0.60 0.00	51.14 0.35 0.00	49.68 0.24 0.00	46.84 0.10 0.00	52.45 0.24 0.00
ALCOA_PA_115KV_PL-6C 55860	63.36 0.62 0.00	58.17 0.54 0.00	56.20 0.60 0.00	52.48 0.54 0.00	52.86 0.42 0.00	52.62 0.42 0.00	58.58 0.49 0.00	56.46 0.47 0.00	51.14 0.34 0.00	55.61 0.34 0.00	45.83 0.31 0.00	51.06 0.38 0.00	50.92 0.35 0.00	51.88 0.43 0.00	51.52 0.15 0.00	56.74 0.13 0.00	76.02 -0.26 0.00	49.37 -0.58 0.00	47.94 -0.76 0.00	49.66 -0.25 0.00	50.94 0.15 0.00	49.84 0.40 0.00	47.29 0.55 0.00	52.80 0.59 0.00
ALCOA_RYNLDS___DRP 24188	63.36 0.62 0.00	58.17 0.54 0.00	56.20 0.60 0.00	52.48 0.54 0.00	52.86 0.42 0.00	52.63 0.43 0.00	58.58 0.49 0.00	56.46 0.47 0.00	51.15 0.34 0.00	55.61 0.34 0.00	45.82 0.30 0.00	51.06 0.37 0.00	50.92 0.35 0.00	51.88 0.43 0.00	51.52 0.15 0.00	56.74 0.13 0.00	76.02 -0.26 0.00	49.37 -0.58 0.00	47.94 -0.76 0.00	49.66 -0.25 0.00	50.94 0.16 0.00	49.84 0.40 0.00	47.29 0.55 0.00	52.80 0.59 0.00
ALCOA___DSASP 323711	63.36 0.62 0.00	58.17 0.54 0.00	56.20 0.60 0.00	52.48 0.54 0.00	52.86 0.42 0.00	52.63 0.43 0.00	58.58 0.49 0.00	56.46 0.47 0.00	51.15 0.34 0.00	55.61 0.34 0.00	45.82 0.30 0.00	51.06 0.37 0.00	50.92 0.35 0.00	51.88 0.43 0.00	51.52 0.15 0.00	56.74 0.13 0.00	76.02 -0.26 0.00	49.37 -0.58 0.00	47.94 -0.76 0.00	49.66 -0.25 0.00	50.94 0.16 0.00	49.84 0.40 0.00	47.29 0.55 0.00	52.80 0.59 0.00
ALLEGHENY___COGEN 23514	65.36 2.62 0.00	59.56 1.94 0.00	57.70 2.10 0.00	53.71 1.77 0.00	54.33 1.89 0.00	53.92 1.73 0.00	60.46 2.37 0.00	58.08 2.08 0.00	52.49 1.68 0.00	56.68 1.41 0.00	46.28 0.77 0.00	51.87 1.19 0.00	51.20 0.63 0.00	52.72 1.28 0.00	52.85 1.48 0.00	58.60 1.99 0.00	79.28 3.00 0.00	52.93 2.98 0.00	51.85 3.15 0.00	52.87 2.96 0.00	53.61 2.83 0.00	51.67 2.22 0.00	49.39 2.66 0.00	54.67 2.46 0.00
ALTAMONT_115KV_TB 2 55880	63.15 0.41 0.00	58.11 0.49 0.00	56.08 0.48 0.00	52.44 0.50 0.00	53.00 0.56 0.00	52.76 0.57 0.00	58.65 0.56 0.00	56.48 0.49 0.00	51.21 0.41 0.00	55.62 0.35 0.00	45.81 0.30 0.00	50.90 0.22 0.00	50.90 0.33 0.00	51.65 0.20 0.00	51.55 0.18 0.00	56.88 0.27 0.00	76.85 0.57 0.00	50.65 0.70 0.00	49.58 0.89 0.00	50.56 0.65 0.00	51.20 0.42 0.00	49.77 0.32 0.00	46.97 0.24 0.00	52.60 0.39 0.00
ALTONA_WT_PWR 323606	63.57 0.83 0.00	58.40 0.78 0.00	56.35 0.75 0.00	52.74 0.80 0.00	53.18 0.74 0.00	52.93 0.73 0.00	58.97 0.89 0.00	56.76 0.76 0.00	51.45 0.64 0.00	55.96 0.69 0.00	46.04 0.52 0.00	51.14 0.46 0.00	51.33 0.76 0.00	52.36 0.91 0.00	52.08 0.72 0.00	57.22 0.61 0.00	76.75 0.47 0.00	49.87 -0.09 0.00	48.43 -0.27 0.00	49.89 -0.03 0.00	50.98 0.19 0.00	49.89 0.45 0.00	47.27 0.53 0.00	52.80 0.59 0.00
AMERICAN_REF_FUEL 24010	47.23 -0.36 15.15	41.67 -0.56 15.39	46.54 -0.41 8.65	46.30 -0.78 4.85	46.55 -0.72 5.17	43.34 -1.11 7.74	46.42 -1.03 10.64	48.08 -1.33 6.58	42.94 -1.19 6.66	53.44 -1.37 0.46	42.44 -0.96 2.12	49.88 -0.80 0.00	49.27 -1.30 0.00	50.74 -0.36 0.35	50.98 -0.13 0.25	55.70 -0.08 0.83	75.68 -0.60 0.00	49.68 -0.26 0.00	48.09 -0.61 0.00	48.63 -1.28 0.00	47.37 -1.40 2.01	43.71 -1.66 4.08	40.13 -1.23 5.38	46.51 -1.64 4.07
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.90 1.69 21.53	36.91 1.16 21.87	44.34 1.04 12.29	45.68 0.64 6.90	45.94 0.85 7.34	42.00 0.81 11.00	44.35 1.38 15.11	47.96 1.32 9.36	42.54 1.22 9.48	56.19 1.58 0.65	43.77 1.27 3.02	52.69 2.01 0.00	51.28 0.71 0.00	52.33 1.39 0.51	52.76 1.76 0.36	57.53 2.12 1.20	79.73 3.45 0.00	52.35 2.40 0.00	51.25 2.55 0.00	51.89 1.97 0.00	49.60 1.73 2.91	44.60 1.06 5.90	39.97 1.02 7.78	46.97 0.65 5.89
ARTHUR KILL_GT_1 23520	32.62 2.43 32.55	32.63 2.22 27.22	32.64 2.07 25.03	32.54 1.94 21.33	32.53 1.94 21.85	32.57 2.12 21.75	32.65 2.32 27.75	35.99 2.48 22.49	-834.29 2.85 887.94	-696.75 3.32 755.34	-696.64 3.13 745.28	-1566.88 3.27 1620.83	-11.32 3.05 64.94	49.36 2.95 5.04	50.93 3.18 3.62	50.97 3.44 9.08	51.42 5.24 30.10	51.07 4.00 2.87	50.74 4.05 2.01	48.30 3.44 5.05	32.37 2.39 20.81	32.43 2.08 19.10	32.36 2.06 16.44	32.42 2.55 22.35
ARTHUR_KILL_2 23512	32.36 2.17 32.55	32.38 1.98 27.22	32.40 1.84 25.03	32.35 1.74 21.33	32.32 1.74 21.85	32.38 1.93 21.75	32.42 2.08 27.75	35.76 2.26 22.49	-834.48 2.66 887.94	-696.95 3.11 755.34	-696.79 2.97 745.28	-1567.07 3.08 1620.83	-11.51 2.86 64.94	49.14 2.73 5.04	50.70 2.96 3.62	50.73 3.20 9.08	51.07 4.89 30.10	50.85 3.78 2.87	50.53 3.84 2.01	48.07 3.20 5.05	32.13 2.15 20.81	32.20 1.86 19.10	32.17 1.87 16.44	32.21 2.35 22.35
ARTHUR_KILL_3 23513	32.12 1.93 32.55	32.11 1.71 27.22	32.11 1.54 25.03	32.09 1.48 21.33	32.10 1.51 21.85	32.10 1.65 21.75	32.11 1.77 27.75	35.50 1.99 22.49	-834.72 2.42 887.94	-697.01 3.06 755.34	-696.96 2.80 745.28	-1567.12 3.04 1620.83	-11.47 2.90 64.94	49.17 2.77 5.04	50.73 2.99 3.62	50.81 3.28 9.08	51.16 4.98 30.10	50.92 3.85 2.87	50.62 3.93 2.01	48.08 3.22 5.05	32.11 2.13 20.81	32.11 1.77 19.10	32.11 1.81 16.44	32.07 2.21 22.35

ARTHUR_KILL_COGEN 323718	32.61 2.42 32.55	32.61 2.21 27.22	32.63 2.06 25.03	32.54 1.94 21.33	32.53 1.94 21.85	32.56 2.11 21.75	32.65 2.31 27.75	35.98 2.47 22.49	-834.29 2.85 887.94	-696.74 3.33 755.34	-696.62 3.14 745.28	-1566.89 3.26 1620.83	-11.31 3.06 64.94	49.36 2.94 5.04	50.93 3.19 3.62	50.97 3.44 9.08	51.41 5.24 30.10	51.07 4.00 2.87	50.74 4.05 2.01	48.30 3.43 5.05	32.37 2.39 20.81	32.43 2.08 19.10	32.36 2.06 16.44	32.42 2.55 22.35
ASHOKAN____ 23654	64.56 1.82 0.00	59.18 1.56 0.00	56.98 1.38 0.00	53.26 1.33 0.00	53.82 1.39 0.00	53.70 1.51 0.00	59.80 1.72 0.00	57.82 1.83 0.00	52.72 1.91 0.00	57.34 2.07 0.00	47.35 1.84 0.00	52.46 1.78 0.00	52.72 2.15 0.00	53.51 2.06 0.00	53.40 2.03 0.00	59.12 2.51 0.00	80.18 3.90 0.00	53.24 3.29 0.00	52.12 3.42 0.00	52.94 3.03 0.00	53.14 2.36 0.00	51.31 1.86 0.00	48.34 1.60 0.00	53.92 1.70 0.00
ASTORIA_EAST_ENERGY_CC1 323581	64.54 1.80 0.00	59.32 1.70 0.00	57.16 1.55 0.00	53.46 1.52 0.00	53.96 1.52 0.00	54.01 1.82 0.00	59.96 1.88 0.00	58.14 2.14 0.00	55.07 2.63 -1.64	58.43 3.16 0.00	51.14 2.99 -2.64	53.60 2.92 0.00	53.26 2.70 0.01	53.98 2.54 0.01	54.12 2.76 0.01	59.62 3.01 0.01	80.86 4.57 0.00	53.51 3.56 0.00	52.29 3.59 0.00	52.81 2.90 0.00	52.66 1.88 0.00	51.02 1.59 0.01	48.32 1.59 0.00	54.22 2.01 0.00
ASTORIA_EAST_ENERGY_CC2 323582	64.54 1.80 0.00	59.32 1.70 0.00	57.16 1.55 0.00	53.46 1.52 0.00	53.96 1.52 0.00	54.01 1.82 0.00	59.96 1.88 0.00	58.14 2.14 0.00	55.07 2.63 -1.64	58.43 3.16 0.00	51.14 2.99 -2.64	53.60 2.92 0.00	53.26 2.70 0.01	53.98 2.54 0.01	54.12 2.76 0.01	59.62 3.01 0.01	80.86 4.57 0.00	53.51 3.56 0.00	52.29 3.59 0.00	52.81 2.90 0.00	52.66 1.88 0.00	51.02 1.59 0.01	48.32 1.59 0.00	54.22 2.01 0.00
ASTORIA_GT2_1 24094	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT2_2 24095	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT2_3 24096	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT2_4 24097	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT3_1 24098	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT3_2 24099	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT3_3 24100	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT3_4 24101	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT4_1 24102	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT4_2 24103	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT4_3 24104	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00

ASTORIA_GT4_4 24105	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA_GT_1 23523	64.73 1.99 0.00	59.50 1.88 0.00	57.33 1.73 0.00	53.58 1.65 0.00	54.11 1.67 0.00	54.17 1.97 0.00	60.15 2.07 0.00	58.31 2.31 0.00	55.24 2.80 -1.64	58.62 3.35 0.00	51.28 3.12 -2.64	53.79 3.11 0.00	53.45 2.88 0.01	54.15 2.71 0.01	54.30 2.94 0.01	59.81 3.21 0.01	81.13 4.85 0.00	53.68 3.74 0.00	52.47 3.78 0.00	52.98 3.07 0.00	52.84 2.06 0.00	51.19 1.76 0.01	48.47 1.74 0.00	54.38 2.17 0.00
ASTORIA_GT_10 24110	64.68 1.94 0.00	59.39 1.77 0.00	57.23 1.63 0.00	53.54 1.61 0.00	54.06 1.62 0.00	54.03 1.84 0.00	60.04 1.95 0.00	58.17 2.18 0.00	55.14 2.70 -1.64	58.51 3.24 0.00	51.22 3.07 -2.64	53.82 3.14 0.00	53.46 2.89 0.00	54.18 2.74 0.00	54.32 2.95 0.00	59.84 3.23 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.48 3.78 0.00	52.98 3.07 0.00	52.80 2.01 0.00	51.16 1.72 0.00	48.52 1.79 0.00	54.42 2.21 0.00
ASTORIA_GT_11 24225	64.68 1.94 0.00	59.39 1.77 0.00	57.23 1.63 0.00	53.54 1.61 0.00	54.06 1.62 0.00	54.03 1.84 0.00	60.04 1.95 0.00	58.17 2.18 0.00	55.14 2.70 -1.64	58.51 3.24 0.00	51.22 3.07 -2.64	53.82 3.14 0.00	53.46 2.89 0.00	54.18 2.74 0.00	54.32 2.95 0.00	59.84 3.23 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.48 3.78 0.00	52.98 3.07 0.00	52.80 2.01 0.00	51.16 1.72 0.00	48.52 1.79 0.00	54.42 2.21 0.00
ASTORIA_GT_12 24226	64.68 1.94 0.00	59.39 1.77 0.00	57.23 1.63 0.00	53.54 1.61 0.00	54.06 1.62 0.00	54.03 1.84 0.00	60.04 1.95 0.00	58.17 2.18 0.00	55.14 2.70 -1.64	58.51 3.24 0.00	51.22 3.07 -2.64	53.82 3.14 0.00	53.46 2.89 0.00	54.18 2.74 0.00	54.32 2.95 0.00	59.84 3.23 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.48 3.78 0.00	52.98 3.07 0.00	52.80 2.01 0.00	51.16 1.72 0.00	48.52 1.79 0.00	54.42 2.21 0.00
ASTORIA_GT_13 24227	64.68 1.94 0.00	59.39 1.77 0.00	57.23 1.63 0.00	53.54 1.61 0.00	54.06 1.62 0.00	54.03 1.84 0.00	60.04 1.95 0.00	58.17 2.18 0.00	55.14 2.70 -1.64	58.51 3.24 0.00	51.22 3.07 -2.64	53.82 3.14 0.00	53.46 2.89 0.00	54.18 2.74 0.00	54.32 2.95 0.00	59.84 3.23 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.48 3.78 0.00	52.98 3.07 0.00	52.80 2.01 0.00	51.16 1.72 0.00	48.52 1.79 0.00	54.42 2.21 0.00
ASTORIA_GT_5 24106	64.73 1.99 0.00	59.50 1.88 0.00	57.33 1.73 0.00	53.58 1.65 0.00	54.11 1.67 0.00	54.17 1.97 0.00	60.15 2.07 0.00	58.31 2.31 0.00	55.24 2.80 -1.64	58.62 3.35 0.00	51.28 3.12 -2.64	53.79 3.11 0.00	53.45 2.88 0.01	54.15 2.71 0.01	54.30 2.94 0.01	59.81 3.21 0.01	81.13 4.85 0.00	53.68 3.74 0.00	52.47 3.78 0.00	52.98 3.07 0.00	52.84 2.06 0.00	51.19 1.76 0.01	48.47 1.74 0.00	54.38 2.17 0.00
ASTORIA_GT_7 24107	64.73 1.99 0.00	59.50 1.88 0.00	57.33 1.73 0.00	53.58 1.65 0.00	54.11 1.67 0.00	54.17 1.97 0.00	60.15 2.07 0.00	58.31 2.31 0.00	55.24 2.80 -1.64	58.62 3.35 0.00	51.28 3.12 -2.64	53.79 3.11 0.00	53.45 2.88 0.01	54.15 2.71 0.01	54.30 2.94 0.01	59.81 3.21 0.01	81.13 4.85 0.00	53.68 3.74 0.00	52.47 3.78 0.00	52.98 3.07 0.00	52.84 2.06 0.00	51.19 1.76 0.01	48.47 1.74 0.00	54.38 2.17 0.00
ASTORIA_GT_8 24108	64.73 1.99 0.00	59.50 1.88 0.00	57.33 1.73 0.00	53.58 1.65 0.00	54.11 1.67 0.00	54.17 1.97 0.00	60.15 2.07 0.00	58.31 2.31 0.00	55.24 2.80 -1.64	58.62 3.35 0.00	51.28 3.12 -2.64	53.79 3.11 0.00	53.45 2.88 0.01	54.15 2.71 0.01	54.30 2.94 0.01	59.81 3.21 0.01	81.13 4.85 0.00	53.68 3.74 0.00	52.47 3.78 0.00	52.98 3.07 0.00	52.84 2.06 0.00	51.19 1.76 0.01	48.47 1.74 0.00	54.38 2.17 0.00
ASTORIA___2 24149	64.57 1.83 0.00	59.35 1.73 0.00	57.19 1.59 0.00	53.47 1.53 0.00	53.99 1.56 0.00	54.04 1.85 0.00	60.01 1.92 0.00	58.18 2.18 0.00	55.11 2.66 -1.64	58.45 3.19 0.00	51.16 3.00 -2.64	53.63 2.94 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.03 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.32 3.62 0.00	52.84 2.93 0.00	52.67 1.89 0.00	51.05 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA___3 23516	64.57 1.83 0.00	59.35 1.73 0.00	57.19 1.59 0.00	53.47 1.53 0.00	53.99 1.56 0.00	54.04 1.85 0.00	60.01 1.92 0.00	58.18 2.18 0.00	55.11 2.66 -1.64	58.45 3.19 0.00	51.16 3.00 -2.64	53.63 2.94 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.03 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.32 3.62 0.00	52.84 2.93 0.00	52.67 1.89 0.00	51.05 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA___4 23517	64.58 1.84 0.00	59.35 1.73 0.00	57.20 1.60 0.00	53.47 1.54 0.00	54.00 1.56 0.00	54.04 1.85 0.00	60.02 1.93 0.00	58.18 2.19 0.00	55.11 2.67 -1.64	58.46 3.18 0.00	51.14 2.99 -2.64	53.65 2.96 0.00	53.29 2.73 0.01	54.00 2.56 0.01	54.15 2.79 0.01	59.64 3.04 0.01	80.90 4.62 0.00	53.53 3.58 0.00	52.33 3.63 0.00	52.85 2.94 0.00	52.69 1.91 0.00	51.06 1.62 0.01	48.35 1.62 0.00	54.24 2.03 0.00
ASTORIA___5 23518	64.69 1.94 0.00	59.38 1.75 0.00	57.21 1.61 0.00	53.54 1.61 0.00	54.06 1.62 0.00	54.03 1.83 0.00	60.02 1.94 0.00	58.15 2.16 0.00	55.14 2.70 -1.64	58.51 3.24 0.00	51.22 3.07 -2.64	53.80 3.12 0.00	53.46 2.89 0.00	54.18 2.73 0.00	54.32 2.96 0.00	59.84 3.23 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.48 3.78 0.00	52.98 3.07 0.00	52.79 2.01 0.00	51.16 1.71 0.00	48.51 1.77 0.00	54.42 2.21 0.00
AST_ENERGY_2_CC3 323677	64.82 2.08 0.00	59.49 1.86 0.00	57.33 1.73 0.00	53.60 1.67 0.00	54.12 1.68 0.00	54.04 1.84 0.00	60.07 1.99 0.00	58.18 2.18 0.00	55.12 2.68 -1.64	58.54 3.27 0.00	51.17 3.02 -2.64	53.83 3.15 0.00	53.43 2.85 0.00	54.16 2.71 0.00	54.28 2.91 0.00	59.81 3.19 0.00	81.16 4.88 0.00	53.70 3.75 0.00	52.50 3.81 0.00	53.01 3.10 0.00	52.81 2.02 0.00	51.13 1.69 0.00	48.55 1.81 0.00	54.50 2.29 0.00
AST_ENERGY_2_CC4 323678	64.82 2.08 0.00	59.49 1.86 0.00	57.33 1.73 0.00	53.60 1.67 0.00	54.12 1.68 0.00	54.04 1.84 0.00	60.07 1.99 0.00	58.18 2.18 0.00	55.12 2.68 -1.64	58.54 3.27 0.00	51.17 3.02 -2.64	53.83 3.15 0.00	53.43 2.85 0.00	54.16 2.71 0.00	54.28 2.91 0.00	59.81 3.19 0.00	81.16 4.88 0.00	53.70 3.75 0.00	52.50 3.81 0.00	53.01 3.10 0.00	52.81 2.02 0.00	51.13 1.69 0.00	48.55 1.81 0.00	54.50 2.29 0.00

ATHENS_STG_1 23668	63.27 0.53 0.00	58.20 0.58 0.00	56.12 0.52 0.00	52.50 0.57 0.00	53.04 0.60 0.00	52.85 0.65 0.00	58.72 0.64 0.00	56.65 0.66 0.00	51.52 0.72 0.00	56.17 0.90 0.00	46.36 0.84 0.00	51.52 0.84 0.00	51.43 0.85 0.00	52.16 0.72 0.00	52.15 0.78 0.00	57.49 0.87 0.00	77.77 1.49 0.00	51.32 1.37 0.00	50.21 1.51 0.00	50.97 1.05 0.00	51.36 0.58 0.00	49.85 0.41 0.00	47.11 0.38 0.00	52.77 0.56 0.00
ATHENS_STG_2 23670	63.27 0.53 0.00	58.20 0.58 0.00	56.12 0.52 0.00	52.50 0.57 0.00	53.04 0.60 0.00	52.85 0.65 0.00	58.72 0.64 0.00	56.65 0.66 0.00	51.52 0.72 0.00	56.17 0.90 0.00	46.36 0.84 0.00	51.52 0.84 0.00	51.43 0.85 0.00	52.16 0.72 0.00	52.15 0.78 0.00	57.49 0.87 0.00	77.77 1.49 0.00	51.32 1.37 0.00	50.21 1.51 0.00	50.97 1.05 0.00	51.36 0.58 0.00	49.85 0.41 0.00	47.11 0.38 0.00	52.77 0.56 0.00
ATHENS_STG_3 23677	63.27 0.53 0.00	58.20 0.58 0.00	56.12 0.52 0.00	52.50 0.57 0.00	53.04 0.60 0.00	52.85 0.65 0.00	58.72 0.64 0.00	56.65 0.66 0.00	51.52 0.72 0.00	56.17 0.90 0.00	46.36 0.84 0.00	51.52 0.84 0.00	51.43 0.85 0.00	52.16 0.72 0.00	52.15 0.78 0.00	57.49 0.87 0.00	77.77 1.49 0.00	51.32 1.37 0.00	50.21 1.51 0.00	50.97 1.05 0.00	51.36 0.58 0.00	49.85 0.41 0.00	47.11 0.38 0.00	52.77 0.56 0.00
AUBURN___LFGE 323710	63.48 0.74 0.00	58.16 0.54 0.00	56.13 0.53 0.00	52.15 0.22 0.00	52.82 0.38 0.00	52.56 0.36 0.00	58.65 0.57 0.00	56.50 0.51 0.00	51.15 0.35 0.00	55.58 0.31 0.00	45.44 -0.08 0.00	50.68 0.00 0.00	50.61 0.04 0.00	51.64 0.19 0.00	51.65 0.28 0.00	56.97 0.35 0.00	77.08 0.80 0.00	50.76 0.81 0.00	49.96 1.26 0.00	51.02 1.10 0.00	51.71 0.92 0.00	49.90 0.45 0.00	47.22 0.48 0.00	52.35 0.13 0.00
BABYLON_RES_REC 323704	64.25 1.51 0.00	59.56 1.94 0.00	58.01 2.41 0.00	54.26 2.32 0.00	54.86 2.43 0.00	54.91 2.71 0.00	60.38 2.30 0.00	58.88 2.88 0.00	56.07 3.64 -1.62	59.07 3.80 0.00	52.97 3.68 -3.77	54.46 3.66 -0.12	54.06 3.49 0.00	54.91 3.47 0.00	55.14 3.77 0.00	60.50 3.83 -0.06	82.54 5.37 -0.89	54.89 4.37 -0.57	53.31 4.61 0.00	53.61 3.70 0.00	52.86 2.08 0.00	51.43 1.98 0.00	48.65 1.92 0.00	54.62 2.40 0.00
BALL_HILL_WT_PWR 323825	45.05 1.11 18.80	39.25 0.73 19.10	45.63 0.77 10.73	46.32 0.41 6.02	46.55 0.53 6.41	42.85 0.26 9.61	45.52 0.63 13.19	48.26 0.43 8.17	42.95 0.42 8.27	55.31 0.61 0.57	43.41 0.53 2.63	51.79 1.11 0.00	50.80 0.22 0.00	51.99 0.98 0.44	52.25 1.20 0.32	56.98 1.40 1.04	78.42 2.15 0.00	51.48 1.54 0.00	50.21 1.51 0.00	50.81 0.89 0.00	48.99 0.73 2.52	44.56 0.22 5.11	40.32 0.31 6.73	47.08 -0.04 5.09
BARON_WINDS___WT_PWR 323822	69.28 -0.01 -6.54	63.71 -0.56 -6.65	59.33 -0.01 -3.74	54.07 0.03 -2.10	54.80 0.13 -2.23	55.35 -0.19 -3.34	62.70 0.02 -4.59	58.77 -0.07 -2.84	53.52 -0.16 -2.88	55.49 0.02 -0.20	46.05 -0.39 -0.92	50.70 0.02 0.00	49.78 -0.79 0.00	51.25 -0.46 -0.26	51.29 -0.26 -0.19	57.16 -0.07 -0.62	76.93 0.65 0.00	51.02 1.07 0.00	50.31 1.61 0.00	51.18 1.26 0.00	53.14 0.86 -1.50	52.77 0.29 -3.03	50.95 0.22 -3.99	55.10 -0.14 -3.02
BARRETT_IC_1 23704	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_10 23701	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_11 23702	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_12 23703	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_2 23705	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_3 23706	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_4 23707	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_5 23708	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00

BARRETT_IC_6 23709	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_7 23710	64.17 1.43 0.00	59.31 1.69 0.00	57.56 1.96 0.00	53.80 1.86 0.00	54.38 1.95 0.00	54.35 2.16 0.00	59.82 1.74 0.00	58.17 2.17 0.00	55.27 2.84 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.97 3.17 -0.12	53.56 2.98 0.00	54.34 2.89 0.00	54.53 3.17 0.00	59.86 3.25 0.00	80.72 4.43 0.00	53.60 3.65 0.00	52.61 3.92 0.00	53.04 3.13 0.00	52.42 1.63 0.00	50.97 1.52 0.00	48.24 1.51 0.00	54.16 1.94 0.00
BARRETT_IC_8 23711	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT_IC_9 23700	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT___1 23545	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BARRETT___2 23546	64.16 1.42 0.00	59.29 1.67 0.00	57.53 1.93 0.00	53.79 1.86 0.00	54.38 1.94 0.00	54.35 2.15 0.00	59.79 1.70 0.00	58.15 2.16 0.00	55.27 2.85 -1.62	58.35 3.08 0.00	52.41 3.12 -3.77	53.96 3.16 -0.12	53.56 2.98 0.00	54.33 2.88 0.00	54.53 3.17 0.00	59.85 3.24 0.00	80.71 4.43 0.00	53.60 3.65 0.00	52.62 3.92 0.00	53.04 3.13 0.00	52.42 1.64 0.00	50.96 1.52 0.00	48.23 1.50 0.00	54.15 1.94 0.00
BATAVIA__115KV_TB1 55881	65.39 2.65 0.00	59.76 2.14 0.00	57.60 2.00 0.00	53.46 1.52 0.00	54.03 1.60 0.00	53.47 1.27 0.00	59.82 1.73 0.00	57.44 1.44 0.00	52.04 1.23 0.00	56.28 1.01 0.00	46.18 0.67 0.00	51.50 0.82 0.00	51.08 0.50 0.00	52.85 1.40 0.00	53.18 1.81 0.00	59.08 2.46 0.00	78.88 2.60 0.00	52.02 2.07 0.00	50.46 1.77 0.00	51.18 1.27 0.00	51.97 1.19 0.00	50.23 0.78 0.00	47.58 0.85 0.00	52.74 0.52 0.00
BAYONEEC__CTG1 323682	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC__CTG10 323750	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC__CTG2 323683	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC__CTG3 323684	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC__CTG4 323685	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC__CTG5 323686	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC__CTG6 323687	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC__CTG7 323688	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00

BAYONEEC___CTG8 323689	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYONEEC___CTG9 323749	64.83 2.09 0.00	59.49 1.87 0.00	57.31 1.71 0.00	53.58 1.64 0.00	54.11 1.67 0.00	54.00 1.81 0.00	60.04 1.96 0.00	58.20 2.21 0.00	55.10 2.66 -1.64	58.55 3.28 0.00	51.18 3.03 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.27 2.83 0.00	54.42 3.05 0.00	59.95 3.33 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.63 3.94 0.00	53.14 3.23 0.00	52.93 2.15 0.00	51.26 1.81 0.00	48.63 1.89 0.00	54.55 2.33 0.00
BAYPORT_69_KV_BK 2 356364	64.47 1.73 0.00	59.79 2.17 0.00	58.39 2.79 0.00	54.56 2.63 0.00	55.21 2.77 0.00	55.29 3.09 0.00	60.80 2.72 0.00	59.37 3.38 0.00	56.64 4.21 -1.62	59.70 4.43 0.00	53.55 4.26 -3.77	54.98 4.18 -0.12	54.72 4.14 0.00	55.64 4.19 0.00	55.88 4.52 0.00	61.38 4.52 -0.24	86.30 6.21 -3.81	57.44 5.04 -2.45	53.81 5.11 0.00	53.92 4.00 0.00	53.20 2.42 0.00	51.91 2.47 0.00	48.99 2.26 0.00	55.00 2.79 0.00
BEACON___LESR 323632	63.33 0.59 0.00	58.36 0.74 0.00	56.30 0.70 0.00	52.57 0.64 0.00	53.25 0.81 0.00	52.85 0.66 0.00	58.89 0.81 0.00	56.67 0.67 0.00	51.38 0.57 0.00	55.69 0.41 0.00	45.80 0.28 0.00	50.90 0.22 0.00	50.90 0.32 0.00	51.72 0.28 0.00	51.57 0.21 0.00	57.04 0.42 0.00	77.03 0.75 0.00	50.98 1.03 0.00	49.97 1.28 0.00	50.94 1.03 0.00	51.46 0.68 0.00	49.97 0.53 0.00	47.08 0.35 0.00	52.80 0.59 0.00
BEAVER RIVER___HYD 24048	64.44 1.70 0.00	59.35 1.73 0.00	57.25 1.65 0.00	53.39 1.46 0.00	53.91 1.47 0.00	53.83 1.63 0.00	60.09 2.01 0.00	57.74 1.75 0.00	51.80 0.99 0.00	55.75 0.48 0.00	45.53 0.01 0.00	50.72 0.04 0.00	50.37 -0.20 0.00	51.35 -0.10 0.00	51.01 -0.35 0.00	55.91 -0.70 0.00	76.05 -0.23 0.00	50.34 0.39 0.00	49.59 0.89 0.00	51.44 1.53 0.00	52.68 1.89 0.00	51.25 1.81 0.00	48.19 1.46 0.00	53.78 1.57 0.00
BEEBEE_GT_13 23619	64.09 1.35 0.00	58.61 0.99 0.00	56.48 0.88 0.00	52.53 0.60 0.00	53.09 0.64 0.00	52.64 0.44 0.00	58.81 0.73 0.00	56.51 0.52 0.00	51.30 0.49 0.00	55.79 0.52 0.00	46.10 0.59 0.00	51.58 0.90 0.00	51.24 0.66 0.00	52.71 1.26 0.00	52.84 1.48 0.00	58.38 1.77 0.00	78.68 2.40 0.00	51.59 1.65 0.00	50.12 1.43 0.00	50.86 0.94 0.00	51.60 0.81 0.00	49.94 0.49 0.00	47.25 0.51 0.00	52.47 0.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	65.57 2.83 0.00	60.15 2.53 0.00	57.94 2.34 0.00	54.13 2.20 0.00	54.64 2.20 0.00	54.60 2.40 0.00	60.72 2.64 0.00	58.82 2.83 0.00	55.70 3.26 -1.64	59.14 3.87 0.00	51.72 3.56 -2.64	54.45 3.77 0.00	54.10 3.52 0.00	54.85 3.40 0.00	55.01 3.64 0.00	60.60 3.98 0.00	82.22 5.94 0.00	54.42 4.47 0.00	53.19 4.49 0.00	53.74 3.83 0.00	53.53 2.75 0.00	51.86 2.41 0.00	49.15 2.41 0.00	55.14 2.93 0.00
BETHLEHEM___GRP 23843	62.25 -0.49 0.00	57.35 -0.27 0.00	55.35 -0.25 0.00	51.78 -0.16 0.00	52.34 -0.10 0.00	52.09 -0.10 0.00	57.90 -0.19 0.00	55.73 -0.27 0.00	50.60 -0.21 0.00	54.89 -0.38 0.00	45.25 -0.26 0.00	50.19 -0.49 0.00	50.29 -0.28 0.00	51.00 -0.44 0.00	50.90 -0.47 0.00	56.17 -0.44 0.00	75.83 -0.45 0.00	50.02 0.07 0.00	48.94 0.24 0.00	49.86 -0.05 0.00	50.48 -0.31 0.00	49.06 -0.38 0.00	46.29 -0.44 0.00	51.86 -0.35 0.00
BETHLEHEM___GS1 323560	62.25 -0.49 0.00	57.35 -0.28 0.00	55.34 -0.26 0.00	51.78 -0.16 0.00	52.34 -0.10 0.00	52.09 -0.10 0.00	57.90 -0.19 0.00	55.73 -0.26 0.00	50.58 -0.22 0.00	54.88 -0.38 0.00	45.26 -0.26 0.00	50.19 -0.49 0.00	50.29 -0.28 0.00	51.00 -0.44 0.00	50.90 -0.47 0.00	56.17 -0.44 0.00	75.84 -0.45 0.00	50.02 0.07 0.00	48.93 0.23 0.00	49.86 -0.05 0.00	50.48 -0.30 0.00	49.06 -0.38 0.00	46.28 -0.45 0.00	51.85 -0.36 0.00
BETHLEHEM___GS2 323561	62.25 -0.49 0.00	57.35 -0.28 0.00	55.34 -0.26 0.00	51.78 -0.16 0.00	52.34 -0.10 0.00	52.09 -0.10 0.00	57.90 -0.19 0.00	55.73 -0.26 0.00	50.58 -0.22 0.00	54.88 -0.38 0.00	45.26 -0.26 0.00	50.19 -0.49 0.00	50.29 -0.28 0.00	51.00 -0.44 0.00	50.90 -0.47 0.00	56.17 -0.44 0.00	75.84 -0.45 0.00	50.02 0.07 0.00	48.93 0.23 0.00	49.86 -0.05 0.00	50.48 -0.30 0.00	49.06 -0.38 0.00	46.28 -0.45 0.00	51.85 -0.36 0.00
BETHLEHEM___GS3 323562	62.25 -0.49 0.00	57.35 -0.28 0.00	55.34 -0.26 0.00	51.78 -0.16 0.00	52.34 -0.10 0.00	52.09 -0.10 0.00	57.90 -0.19 0.00	55.73 -0.26 0.00	50.58 -0.22 0.00	54.88 -0.38 0.00	45.26 -0.26 0.00	50.19 -0.49 0.00	50.29 -0.28 0.00	51.00 -0.44 0.00	50.90 -0.47 0.00	56.17 -0.44 0.00	75.84 -0.45 0.00	50.02 0.07 0.00	48.93 0.23 0.00	49.86 -0.05 0.00	50.48 -0.30 0.00	49.06 -0.38 0.00	46.28 -0.45 0.00	51.85 -0.36 0.00
BETHLEHEM___STEEL 23779	64.13 1.39 0.00	58.65 1.02 0.00	56.64 1.04 0.00	52.61 0.67 0.00	53.20 0.76 0.00	52.58 0.39 0.00	58.80 0.71 0.00	56.37 0.37 0.00	51.20 0.40 0.00	55.67 0.40 0.00	46.03 0.51 0.00	51.57 0.89 0.00	50.89 0.31 0.00	52.67 1.22 0.00	52.80 1.43 0.00	58.23 1.62 0.00	78.34 2.06 0.00	51.38 1.43 0.00	49.87 1.17 0.00	50.43 0.52 0.00	51.26 0.47 0.00	49.57 0.13 0.00	47.08 0.34 0.00	52.21 0.00 0.00
BETHLHEM_115KV_TB1 79974	62.43 -0.31 0.00	57.52 -0.10 0.00	55.48 -0.12 0.00	51.91 -0.02 0.00	52.48 0.04 0.00	52.23 0.04 0.00	58.05 -0.04 0.00	55.88 -0.11 0.00	50.74 -0.07 0.00	55.06 -0.21 0.00	45.40 -0.12 0.00	50.36 -0.32 0.00	50.44 -0.13 0.00	51.16 -0.29 0.00	51.07 -0.30 0.00	56.34 -0.27 0.00	76.09 -0.19 0.00	50.17 0.22 0.00	49.09 0.39 0.00	50.01 0.09 0.00	50.63 -0.16 0.00	49.21 -0.24 0.00	46.44 -0.30 0.00	52.02 -0.20 0.00
BETHPAGE_CC_5 323564	64.06 1.32 0.00	59.39 1.76 0.00	57.77 2.17 0.00	54.03 2.09 0.00	54.61 2.18 0.00	54.60 2.40 0.00	60.05 1.96 0.00	58.50 2.51 0.00	55.66 3.24 -1.62	58.72 3.45 0.00	52.74 3.45 -3.77	54.29 3.49 -0.12	53.82 3.25 0.00	54.63 3.18 0.00	54.85 3.48 0.00	60.18 3.57 0.00	81.20 4.92 0.00	53.99 4.04 0.00	52.97 4.27 0.00	53.29 3.37 0.00	52.56 1.78 0.00	51.08 1.64 0.00	48.40 1.66 0.00	54.33 2.12 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	64.32 1.58 0.00	58.81 1.19 0.00	56.80 1.20 0.00	52.75 0.82 0.00	53.35 0.92 0.00	52.72 0.52 0.00	58.96 0.88 0.00	56.54 0.55 0.00	51.36 0.56 0.00	55.86 0.59 0.00	46.20 0.68 0.00	51.78 1.10 0.00	51.09 0.51 0.00	52.86 1.41 0.00	52.98 1.61 0.00	58.44 1.83 0.00	78.63 2.35 0.00	51.54 1.59 0.00	50.03 1.33 0.00	50.59 0.67 0.00	51.44 0.65 0.00	49.75 0.30 0.00	47.23 0.49 0.00	52.36 0.15 0.00

BINGHAMTON___COGEN 23790	63.11 0.37 0.00	57.74 0.11 0.00	55.74 0.14 0.00	52.03 0.09 0.00	52.55 0.11 0.00	52.24 0.05 0.00	58.25 0.16 0.00	56.19 0.20 0.00	50.96 0.16 0.00	55.57 0.30 0.00	45.64 0.12 0.00	51.08 0.39 0.00	50.58 0.01 0.00	51.55 0.10 0.00	51.55 0.19 0.00	56.82 0.21 0.00	77.15 0.87 0.00	50.84 0.89 0.00	50.00 1.30 0.00	50.92 1.01 0.00	51.41 0.62 0.00	49.68 0.23 0.00	46.85 0.12 0.00	52.18 -0.03 0.00
BIXINCNT_115KV_LOAD 355685	64.13 1.39 0.00	58.68 1.06 0.00	56.80 1.20 0.00	52.78 0.84 0.00	53.49 1.05 0.00	52.92 0.73 0.00	59.44 1.36 0.00	57.21 1.22 0.00	51.97 1.17 0.00	56.94 1.67 0.00	46.88 1.36 0.00	52.69 2.01 0.00	51.56 0.98 0.00	52.97 1.52 0.00	52.83 1.47 0.00	58.05 1.44 0.00	78.98 2.70 0.00	51.98 2.03 0.00	51.01 2.31 0.00	51.63 1.71 0.00	52.25 1.46 0.00	50.24 0.80 0.00	47.37 0.64 0.00	52.64 0.43 0.00
BLACK RIVER___HYD 24047	64.76 2.02 0.00	59.63 2.01 0.00	57.45 1.85 0.00	53.54 1.60 0.00	54.11 1.67 0.00	54.05 1.85 0.00	60.38 2.30 0.00	57.99 2.00 0.00	51.88 1.07 0.00	55.70 0.43 0.00	45.40 -0.11 0.00	50.55 -0.13 0.00	50.29 -0.28 0.00	51.40 -0.05 0.00	51.35 -0.02 0.00	56.04 -0.57 0.00	76.69 0.40 0.00	50.89 0.93 0.00	50.42 1.72 0.00	52.23 2.32 0.00	53.47 2.68 0.00	51.92 2.48 0.00	48.46 1.72 0.00	54.03 1.81 0.00
BLACKRVR_115KV_TB2 79977	64.76 2.02 0.00	59.63 2.01 0.00	57.46 1.86 0.00	53.54 1.60 0.00	54.11 1.67 0.00	54.04 1.85 0.00	60.38 2.30 0.00	57.99 2.00 0.00	51.87 1.07 0.00	55.70 0.43 0.00	45.40 -0.11 0.00	50.54 -0.14 0.00	50.29 -0.28 0.00	51.40 -0.05 0.00	51.35 -0.02 0.00	56.04 -0.57 0.00	76.69 0.40 0.00	50.89 0.94 0.00	50.42 1.72 0.00	52.23 2.32 0.00	53.46 2.68 0.00	51.92 2.48 0.00	48.46 1.72 0.00	54.03 1.81 0.00
BLISS_WT_PWR 323608	40.41 1.34 23.67	34.63 1.05 24.04	43.31 1.22 13.51	45.17 0.82 7.58	45.39 1.03 8.07	40.84 0.73 12.09	42.86 1.39 16.61	46.95 1.24 10.29	41.57 1.20 10.43	56.26 1.71 0.72	43.56 1.36 3.32	52.74 2.06 0.00	51.56 0.99 0.00	52.40 1.52 0.56	52.39 1.43 0.40	56.67 1.39 1.33	78.95 2.67 0.00	51.96 2.01 0.00	51.01 2.31 0.00	51.63 1.72 0.00	49.01 1.45 3.23	43.72 0.81 6.54	38.76 0.64 8.62	46.10 0.41 6.52
BLUESTONE___WT_PWR 323821	71.88 3.19 -5.94	66.33 2.68 -6.04	61.48 2.48 -3.39	56.03 2.18 -1.91	56.73 2.27 -2.03	57.54 2.31 -3.04	65.04 2.79 -4.17	60.21 1.63 -2.58	54.83 1.41 -2.61	57.14 1.69 -0.18	47.29 0.94 -0.83	52.02 1.34 0.00	51.63 1.05 0.00	52.33 0.78 -0.10	51.93 0.49 -0.07	57.35 0.50 -0.24	78.07 1.79 0.00	51.82 1.87 0.00	51.64 2.95 0.00	53.14 3.22 0.00	53.75 2.38 -0.58	52.61 1.99 -1.18	49.78 1.49 -1.56	55.14 1.76 -1.18
BLUE_CIRC_CHEM_DRP 24182	63.28 0.54 0.00	58.27 0.65 0.00	56.25 0.64 0.00	52.62 0.69 0.00	53.19 0.75 0.00	52.96 0.76 0.00	58.85 0.77 0.00	56.55 0.55 0.00	51.10 0.29 0.00	55.39 0.13 0.00	45.64 0.12 0.00	50.74 0.06 0.00	50.71 0.13 0.00	51.48 0.04 0.00	51.34 -0.02 0.00	56.83 0.22 0.00	76.67 0.39 0.00	50.57 0.62 0.00	49.57 0.87 0.00	50.59 0.67 0.00	51.26 0.48 0.00	49.82 0.37 0.00	47.03 0.30 0.00	52.68 0.46 0.00
BOC_GAS_DRP 24189	62.86 0.12 0.00	57.88 0.26 0.00	55.84 0.24 0.00	52.22 0.29 0.00	52.77 0.34 0.00	52.54 0.35 0.00	58.40 0.31 0.00	56.25 0.25 0.00	51.07 0.26 0.00	55.53 0.26 0.00	45.77 0.25 0.00	50.84 0.16 0.00	50.83 0.25 0.00	51.56 0.12 0.00	51.49 0.12 0.00	56.79 0.18 0.00	76.67 0.39 0.00	50.51 0.56 0.00	49.40 0.70 0.00	50.33 0.41 0.00	50.94 0.16 0.00	49.52 0.08 0.00	46.76 0.03 0.00	52.37 0.16 0.00
BOONVILLE_115KV_TB1 79983	64.35 1.61 0.00	59.16 1.54 0.00	57.05 1.45 0.00	53.26 1.32 0.00	53.78 1.34 0.00	53.66 1.46 0.00	59.83 1.75 0.00	57.55 1.56 0.00	51.91 1.10 0.00	56.06 0.79 0.00	45.92 0.41 0.00	51.17 0.49 0.00	50.98 0.41 0.00	51.96 0.51 0.00	51.75 0.38 0.00	56.93 0.31 0.00	77.15 0.87 0.00	51.02 1.07 0.00	50.12 1.42 0.00	51.66 1.75 0.00	52.57 1.78 0.00	51.07 1.63 0.00	48.09 1.36 0.00	53.63 1.42 0.00
BORALEX_4TH_BRANCH 23824	64.08 1.34 0.00	59.36 1.74 0.00	57.41 1.81 0.00	53.85 1.92 0.00	54.52 2.08 0.00	54.01 1.81 0.00	59.91 1.82 0.00	57.30 1.30 0.00	51.64 0.84 0.00	55.99 0.72 0.00	45.88 0.36 0.00	50.64 -0.04 0.00	50.95 0.37 0.00	51.61 0.16 0.00	51.30 -0.07 0.00	56.63 0.01 0.00	75.92 -0.36 0.00	50.17 0.22 0.00	49.12 0.42 0.00	50.13 0.22 0.00	51.08 0.29 0.00	50.03 0.58 0.00	47.12 0.38 0.00	52.99 0.78 0.00
BOWLINE___1 23526	64.32 1.58 0.00	59.06 1.44 0.00	56.92 1.32 0.00	53.31 1.37 0.00	53.84 1.40 0.00	53.74 1.55 0.00	59.63 1.55 0.00	57.73 1.74 0.00	48.34 2.17 4.64	57.92 2.65 0.00	40.60 2.54 7.46	53.37 2.69 0.00	53.15 2.58 0.00	53.89 2.44 0.00	54.00 2.64 0.00	59.46 2.85 0.00	80.64 4.36 0.00	53.39 3.44 0.00	52.26 3.55 0.00	52.78 2.86 0.00	52.66 1.87 0.00	50.97 1.53 0.00	48.15 1.42 0.00	53.96 1.75 0.00
BOWLINE___2 23595	64.22 1.48 0.00	58.97 1.35 0.00	56.85 1.25 0.00	53.25 1.32 0.00	53.78 1.35 0.00	53.69 1.49 0.00	59.56 1.48 0.00	57.64 1.64 0.00	48.27 2.11 4.65	57.85 2.58 0.00	40.55 2.51 7.48	53.32 2.64 0.00	53.10 2.53 0.00	53.81 2.36 0.00	53.94 2.57 0.00	59.39 2.78 0.00	80.50 4.22 0.00	53.30 3.35 0.00	52.20 3.50 0.00	52.72 2.81 0.00	52.59 1.81 0.00	50.94 1.49 0.00	48.15 1.41 0.00	53.96 1.75 0.00
BRADY___115KV_TB2 356060	64.26 1.52 0.00	58.96 1.34 0.00	56.97 1.37 0.00	53.18 1.24 0.00	53.58 1.14 0.00	53.40 1.21 0.00	59.48 1.39 0.00	57.19 1.20 0.00	51.42 0.62 0.00	55.86 0.59 0.00	45.94 0.42 0.00	51.20 0.52 0.00	51.16 0.59 0.00	52.07 0.62 0.00	51.39 0.02 0.00	56.62 0.01 0.00	75.69 -0.59 0.00	49.30 -0.66 0.00	48.01 -0.69 0.00	50.09 0.18 0.00	51.54 0.75 0.00	50.41 0.97 0.00	47.89 1.15 0.00	53.46 1.24 0.00
BRANSCOMB___SOLAR 323811	64.81 2.07 0.00	59.66 2.03 0.00	57.60 2.00 0.00	53.88 1.94 0.00	54.46 2.02 0.00	54.18 1.98 0.00	60.28 2.19 0.00	57.78 1.78 0.00	51.91 1.11 0.00	56.08 0.81 0.00	45.87 0.35 0.00	50.85 0.17 0.00	51.16 0.58 0.00	51.95 0.51 0.00	51.81 0.45 0.00	57.38 0.76 0.00	77.82 1.54 0.00	51.52 1.57 0.00	50.70 2.01 0.00	51.83 1.91 0.00	52.59 1.80 0.00	51.15 1.71 0.00	48.07 1.34 0.00	53.92 1.71 0.00
BRDGHMPT_69_KV_BK1 55812	65.05 2.31 0.00	60.28 2.65 0.00	59.02 3.42 0.00	55.12 3.19 0.00	56.01 3.57 0.00	56.16 3.97 0.00	61.76 3.67 0.00	60.33 4.33 0.00	57.74 5.31 -1.62	61.06 5.78 0.00	54.68 5.39 -3.77	56.17 5.37 -0.12	55.84 5.27 0.00	56.45 5.36 0.00	56.73 5.36 0.00	62.49 5.58 -0.30	88.45 7.44 -4.73	58.48 5.49 -3.05	53.82 5.12 0.00	53.84 3.93 0.00	53.64 2.86 0.00	52.43 2.99 0.00	49.30 2.56 0.00	55.05 2.84 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	64.20 1.46 0.00	59.63 2.01 0.00	58.24 2.64 0.00	54.49 2.55 0.00	55.10 2.66 0.00	55.18 2.98 0.00	60.62 2.54 0.00	59.12 3.13 0.00	56.38 3.96 -1.62	59.32 4.05 0.00	53.21 3.93 -3.77	54.69 3.89 -0.12	54.28 3.71 0.00	55.10 3.65 0.00	55.35 3.99 0.00	60.71 3.83 -0.27	85.78 5.27 -4.22	56.98 4.32 -2.72	53.22 4.52 0.00	53.45 3.54 0.00	52.86 2.08 0.00	51.53 2.08 0.00	48.72 1.98 0.00	54.77 2.56 0.00
BRISTLHL_115KV_TB1 79998	61.72 -1.02 0.00	56.55 -1.07 0.00	54.54 -1.06 0.00	50.92 -1.02 0.00	51.42 -1.02 0.00	51.19 -1.00 0.00	57.04 -1.05 0.00	55.01 -0.99 0.00	49.83 -0.98 0.00	54.11 -1.16 0.00	44.50 -1.02 0.00	49.59 -1.09 0.00	49.42 -1.15 0.00	50.34 -1.11 0.00	50.37 -0.99 0.00	55.52 -1.09 0.00	74.93 -1.35 0.00	49.32 -0.63 0.00	48.29 -0.41 0.00	49.42 -0.50 0.00	50.13 -0.66 0.00	48.66 -0.79 0.00	45.91 -0.82 0.00	51.19 -1.02 0.00
BROOKHAVEN___DRP 24191	63.45 0.72 0.00	58.91 1.28 0.00	57.56 1.96 0.00	53.81 1.87 0.00	54.44 2.01 0.00	54.55 2.35 0.00	59.93 1.85 0.00	58.48 2.49 0.00	55.86 3.43 -1.62	58.80 3.52 0.00	52.77 3.48 -3.77	54.10 3.30 -0.12	53.79 3.21 0.00	54.57 3.12 0.00	54.84 3.47 0.00	60.29 3.38 -0.30	85.77 4.69 -4.80	57.08 4.04 -3.09	52.77 4.07 0.00	52.92 3.00 0.00	52.33 1.54 0.00	51.21 1.77 0.00	48.29 1.56 0.00	54.12 1.91 0.00
BROOKLYN_NAVY_YARD 23515	64.80 2.06 0.00	59.47 1.84 0.00	57.30 1.70 0.00	53.55 1.62 0.00	54.05 1.62 0.00	53.89 1.69 0.00	59.94 1.86 0.00	58.03 2.03 0.00	55.01 2.56 -1.64	58.45 3.19 0.00	51.03 2.88 -2.63	53.71 3.04 0.00	53.45 2.87 0.00	54.21 2.76 0.00	54.32 2.96 0.00	59.88 3.27 0.00	81.27 4.99 0.00	53.77 3.82 0.00	52.59 3.89 0.00	53.09 3.18 0.00	52.93 2.14 0.00	51.20 1.76 0.00	48.59 1.86 0.00	54.43 2.22 0.00
BROOKLYN___ARMY_DRP 323595	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
BROOME_2_LFGE 323671	71.46 0.37 -8.34	66.22 0.13 -8.47	60.51 0.15 -4.76	54.70 0.09 -2.67	55.40 0.11 -2.85	56.51 0.06 -4.26	64.11 0.17 -5.85	59.82 0.20 -3.63	54.64 0.16 -3.67	55.82 0.30 -0.25	46.80 0.12 -1.17	51.08 0.40 0.00	50.58 0.01 0.00	51.67 0.10 -0.11	51.63 0.18 -0.08	57.10 0.22 -0.27	77.15 0.87 0.00	50.84 0.89 0.00	50.01 1.31 0.00	50.92 1.01 0.00	52.08 0.63 -0.66	51.02 0.24 -1.34	48.62 0.12 -1.76	53.53 -0.01 -1.33
BROOME___LFGE 323600	71.46 0.37 -8.34	66.22 0.13 -8.47	60.51 0.15 -4.76	54.70 0.09 -2.67	55.40 0.11 -2.85	56.51 0.06 -4.26	64.11 0.17 -5.85	59.82 0.20 -3.63	54.64 0.16 -3.67	55.82 0.30 -0.25	46.80 0.12 -1.17	51.08 0.40 0.00	50.58 0.01 0.00	51.67 0.10 -0.11	51.63 0.18 -0.08	57.10 0.22 -0.27	77.15 0.87 0.00	50.84 0.89 0.00	50.01 1.31 0.00	50.92 1.01 0.00	52.08 0.63 -0.66	51.02 0.24 -1.34	48.62 0.12 -1.76	53.53 -0.01 -1.33
BROWNFLS_115KV_TB 3_5 80003	64.03 1.30 0.00	58.90 1.28 0.00	56.86 1.26 0.00	53.04 1.10 0.00	53.49 1.06 0.00	53.38 1.18 0.00	59.53 1.45 0.00	57.25 1.25 0.00	51.48 0.67 0.00	55.59 0.32 0.00	45.56 0.05 0.00	50.78 0.09 0.00	50.53 -0.05 0.00	51.32 -0.12 0.00	50.75 -0.61 0.00	55.67 -0.94 0.00	75.18 -1.11 0.00	49.35 -0.60 0.00	48.39 -0.31 0.00	50.26 0.34 0.00	51.66 0.88 0.00	50.43 0.99 0.00	47.72 0.98 0.00	53.32 1.10 0.00
BROWNSV1_27_KV_LOAD 356125	65.49 2.75 0.00	60.08 2.46 0.00	57.89 2.29 0.00	54.09 2.16 0.00	54.61 2.17 0.00	54.51 2.31 0.00	60.66 2.57 0.00	58.77 2.78 0.00	55.64 3.19 -1.64	59.14 3.87 0.00	51.66 3.50 -2.64	54.44 3.76 0.00	54.07 3.49 0.00	54.83 3.38 0.00	54.95 3.58 0.00	60.57 3.95 0.00	82.21 5.93 0.00	54.38 4.44 0.00	53.16 4.46 0.00	53.68 3.76 0.00	53.48 2.69 0.00	51.76 2.31 0.00	49.08 2.35 0.00	55.06 2.84 0.00
BURROWS___LYONSDAL 23803	64.35 1.60 0.00	59.22 1.59 0.00	57.10 1.50 0.00	53.30 1.37 0.00	53.83 1.39 0.00	53.71 1.52 0.00	59.91 1.83 0.00	57.62 1.63 0.00	51.89 1.08 0.00	55.99 0.73 0.00	45.83 0.31 0.00	51.07 0.38 0.00	50.82 0.25 0.00	51.79 0.34 0.00	51.54 0.17 0.00	56.65 0.04 0.00	76.85 0.57 0.00	50.86 0.92 0.00	50.00 1.30 0.00	51.63 1.72 0.00	52.62 1.84 0.00	51.13 1.69 0.00	48.13 1.39 0.00	53.68 1.47 0.00
CAITHNESS_CC_1 323624	63.41 0.67 0.00	58.86 1.24 0.00	57.49 1.89 0.00	53.78 1.85 0.00	54.42 1.98 0.00	54.52 2.32 0.00	59.84 1.76 0.00	58.42 2.42 0.00	55.80 3.38 -1.62	58.69 3.42 0.00	52.73 3.44 -3.77	54.03 3.23 -0.12	53.70 3.13 0.00	54.50 3.05 0.00	54.76 3.40 0.00	60.20 3.28 -0.31	85.70 4.55 -4.87	57.00 3.91 -3.13	52.69 3.99 0.00	52.86 2.94 0.00	52.23 1.44 0.00	51.07 1.63 0.00	48.22 1.48 0.00	54.10 1.89 0.00
CALPINE BETH_PAGE_GT4 24209	64.19 1.45 0.00	59.44 1.81 0.00	57.79 2.20 0.00	54.02 2.08 0.00	54.61 2.17 0.00	54.60 2.41 0.00	60.14 2.05 0.00	58.55 2.56 0.00	55.69 3.26 -1.62	58.77 3.50 0.00	52.81 3.52 -3.77	54.41 3.61 -0.12	53.85 3.27 0.00	54.65 3.20 0.00	54.87 3.50 0.00	60.21 3.60 0.00	81.18 4.90 0.00	53.97 4.02 0.00	52.95 4.25 0.00	53.28 3.36 0.00	52.56 1.77 0.00	51.08 1.64 0.00	48.47 1.73 0.00	54.41 2.20 0.00
CALPINE_BETH_PAGE_GT_4 323586	64.18 1.44 0.00	59.42 1.80 0.00	57.77 2.17 0.00	54.02 2.08 0.00	54.61 2.17 0.00	54.60 2.41 0.00	60.10 2.02 0.00	58.53 2.54 0.00	55.69 3.26 -1.62	58.77 3.50 0.00	52.81 3.52 -3.77	54.41 3.61 -0.12	53.85 3.28 0.00	54.65 3.20 0.00	54.87 3.50 0.00	60.21 3.59 0.00	81.18 4.90 0.00	53.97 4.02 0.00	52.95 4.25 0.00	53.28 3.36 0.00	52.56 1.78 0.00	51.08 1.64 0.00	48.47 1.73 0.00	54.41 2.20 0.00
CALPINE_BP_GT1 23823	64.18 1.44 0.00	59.42 1.80 0.00	57.77 2.17 0.00	54.02 2.08 0.00	54.61 2.17 0.00	54.60 2.41 0.00	60.10 2.02 0.00	58.53 2.54 0.00	55.69 3.26 -1.62	58.77 3.50 0.00	52.81 3.52 -3.77	54.41 3.61 -0.12	53.85 3.28 0.00	54.65 3.20 0.00	54.87 3.50 0.00	60.21 3.59 0.00	81.18 4.90 0.00	53.97 4.02 0.00	52.95 4.25 0.00	53.28 3.36 0.00	52.56 1.78 0.00	51.08 1.64 0.00	48.47 1.73 0.00	54.41 2.20 0.00
CALSPAN___DRP 24200	64.13 1.39 0.00	58.65 1.02 0.00	56.64 1.04 0.00	52.61 0.67 0.00	53.20 0.76 0.00	52.58 0.39 0.00	58.80 0.71 0.00	56.37 0.37 0.00	51.20 0.40 0.00	55.67 0.40 0.00	46.03 0.51 0.00	51.57 0.89 0.00	50.89 0.31 0.00	52.67 1.22 0.00	52.80 1.43 0.00	58.23 1.62 0.00	78.34 2.06 0.00	51.38 1.43 0.00	49.87 1.17 0.00	50.43 0.52 0.00	51.26 0.47 0.00	49.57 0.13 0.00	47.08 0.34 0.00	52.21 0.00 0.00

CALVERTON___SOLAR 323806	63.59 0.85 0.00	59.00 1.38 0.00	57.63 2.03 0.00	53.90 1.96 0.00	54.57 2.13 0.00	54.67 2.48 0.00	60.04 1.96 0.00	58.62 2.63 0.00	56.01 3.59 -1.62	58.96 3.69 0.00	52.92 3.63 -3.77	54.25 3.44 -0.12	53.96 3.38 0.00	54.73 3.28 0.00	54.99 3.63 0.00	60.49 3.57 -0.30	86.04 4.99 -4.78	57.26 4.24 -3.07	52.92 4.23 0.00	53.06 3.14 0.00	52.51 1.72 0.00	51.41 1.96 0.00	48.42 1.69 0.00	54.22 2.01 0.00
CANDIGU_WT_PWR 323617	69.28 -0.01 -6.54	63.71 -0.56 -6.65	59.33 -0.01 -3.74	54.07 0.03 -2.10	54.80 0.13 -2.23	55.35 -0.19 -3.34	62.70 0.02 -4.59	58.77 -0.07 -2.84	53.52 -0.16 -2.88	55.49 0.02 -0.20	46.05 -0.39 -0.92	50.70 0.02 0.00	49.78 -0.79 0.00	51.25 -0.46 -0.26	51.29 -0.26 -0.19	57.16 -0.07 -0.62	76.93 0.65 0.00	51.02 1.07 0.00	50.31 1.61 0.00	51.18 1.26 0.00	53.14 0.86 -1.50	52.77 0.29 -3.03	50.95 0.22 -3.99	55.10 -0.14 -3.02
CARR STREET_E__SYR 24060	62.29 -0.45 0.00	57.10 -0.52 0.00	55.05 -0.55 0.00	51.36 -0.58 0.00	51.87 -0.57 0.00	51.62 -0.58 0.00	57.54 -0.55 0.00	55.48 -0.52 0.00	50.30 -0.50 0.00	54.70 -0.56 0.00	45.03 -0.49 0.00	50.27 -0.41 0.00	50.06 -0.51 0.00	51.03 -0.42 0.00	51.03 -0.33 0.00	56.28 -0.33 0.00	76.05 -0.23 0.00	49.99 0.04 0.00	48.92 0.22 0.00	49.91 -0.01 0.00	50.58 -0.21 0.00	49.05 -0.39 0.00	46.29 -0.44 0.00	51.59 -0.62 0.00
CARTHAGE___PAPER 23857	64.99 2.25 0.00	59.83 2.21 0.00	57.68 2.08 0.00	53.77 1.83 0.00	54.32 1.88 0.00	54.27 2.07 0.00	60.61 2.53 0.00	58.23 2.23 0.00	52.12 1.32 0.00	55.93 0.67 0.00	45.61 0.09 0.00	50.82 0.14 0.00	50.48 -0.10 0.00	51.61 0.16 0.00	51.37 0.00 0.00	56.25 -0.37 0.00	76.79 0.51 0.00	50.88 0.93 0.00	50.26 1.56 0.00	52.13 2.22 0.00	53.39 2.60 0.00	51.90 2.46 0.00	48.64 1.91 0.00	54.26 2.04 0.00
CASSADAGA_WT_PWR 323784	42.73 2.08 22.10	36.68 1.51 22.45	44.28 1.30 12.62	45.73 0.88 7.08	46.03 1.13 7.54	42.09 1.18 11.29	44.45 1.88 15.51	48.22 1.83 9.60	42.80 1.72 9.73	56.84 2.24 0.67	44.21 1.79 3.09	53.24 2.56 0.00	51.75 1.18 0.00	52.74 1.81 0.52	53.16 2.17 0.37	57.94 2.57 1.24	80.44 4.16 0.00	52.83 2.89 0.00	51.86 3.16 0.00	52.51 2.60 0.00	50.10 2.31 3.00	44.90 1.52 6.07	40.11 1.38 8.00	47.22 1.06 6.05
CE_DUNWOOD___DRP 24194	64.56 1.82 0.00	59.29 1.67 0.00	57.16 1.56 0.00	53.46 1.52 0.00	53.99 1.55 0.00	53.90 1.70 0.00	59.88 1.80 0.00	57.97 1.97 0.00	54.93 2.36 -1.76	58.16 2.89 0.00	51.02 2.68 -2.83	53.56 2.88 0.00	53.31 2.74 0.00	54.05 2.61 0.00	54.16 2.80 0.00	59.67 3.06 0.00	80.95 4.67 0.00	53.56 3.61 0.00	52.41 3.71 0.00	52.94 3.03 0.00	52.80 2.01 0.00	51.10 1.65 0.00	48.37 1.63 0.00	54.23 2.02 0.00
CE_MILLWOOD___DRP 24193	64.44 1.70 0.00	59.17 1.55 0.00	57.05 1.45 0.00	53.35 1.42 0.00	53.88 1.45 0.00	53.79 1.59 0.00	59.76 1.67 0.00	57.84 1.85 0.00	54.91 2.22 -1.89	58.00 2.73 0.00	51.09 2.53 -3.04	53.41 2.73 0.00	53.18 2.60 0.00	53.92 2.48 0.00	54.03 2.67 0.00	59.53 2.92 0.00	80.74 4.46 0.00	53.43 3.47 0.00	52.29 3.59 0.00	52.83 2.92 0.00	52.71 1.92 0.00	51.01 1.57 0.00	48.28 1.54 0.00	54.11 1.90 0.00
CE_NYC2_DRP 24202	64.75 2.01 0.00	59.45 1.83 0.00	57.29 1.69 0.00	53.59 1.66 0.00	54.11 1.67 0.00	54.06 1.87 0.00	60.09 2.00 0.00	58.23 2.24 0.00	55.19 2.75 -1.64	58.57 3.30 0.00	51.25 3.10 -2.64	53.87 3.19 0.00	53.51 2.94 0.00	54.23 2.78 0.00	54.37 3.01 0.00	59.90 3.29 0.00	81.24 4.96 0.00	53.76 3.81 0.00	52.53 3.83 0.00	53.03 3.12 0.00	52.85 2.06 0.00	51.20 1.76 0.00	48.55 1.82 0.00	54.48 2.27 0.00
CE_NYC_DRP 24195	64.95 2.21 0.00	59.61 1.99 0.00	57.45 1.85 0.00	53.69 1.75 0.00	54.20 1.76 0.00	54.11 1.91 0.00	60.19 2.10 0.00	58.32 2.33 0.00	55.23 2.79 -1.64	58.69 3.42 0.00	51.27 3.12 -2.64	53.99 3.31 0.00	53.64 3.06 0.00	54.36 2.92 0.00	54.50 3.14 0.00	60.05 3.43 0.00	81.48 5.20 0.00	53.92 3.97 0.00	52.70 4.00 0.00	53.21 3.30 0.00	53.01 2.23 0.00	51.32 1.88 0.00	48.69 1.96 0.00	54.61 2.40 0.00
CHAFFEE___LFGE 323603	44.15 1.67 20.25	38.28 1.23 20.57	45.26 1.22 11.56	46.27 0.82 6.49	46.43 0.90 6.91	42.39 0.54 10.35	44.77 0.90 14.21	47.79 0.60 8.80	42.51 0.62 8.92	55.36 0.70 0.61	43.39 0.71 2.84	51.91 1.23 0.00	51.16 0.58 0.00	52.44 1.47 0.48	52.73 1.70 0.34	57.44 1.96 1.13	78.93 2.65 0.00	51.73 1.78 0.00	50.24 1.54 0.00	50.78 0.87 0.00	48.81 0.76 2.73	44.29 0.38 5.54	39.96 0.52 7.30	46.88 0.19 5.52
CHATEAUG_35_KV_LOAD 355732	62.90 0.16 0.00	57.78 0.16 0.00	55.82 0.22 0.00	52.10 0.17 0.00	52.50 0.06 0.00	52.31 0.11 0.00	58.24 0.15 0.00	56.15 0.15 0.00	50.94 0.13 0.00	55.38 0.11 0.00	45.59 0.07 0.00	50.70 0.02 0.00	50.68 0.11 0.00	51.68 0.23 0.00	51.40 0.04 0.00	56.61 0.00 0.00	76.21 -0.07 0.00	49.52 -0.43 0.00	48.15 -0.55 0.00	49.71 -0.21 0.00	50.84 0.06 0.00	49.72 0.27 0.00	47.10 0.36 0.00	52.58 0.37 0.00
CHATEAUG_WT_PWR 323614	62.90 0.16 0.00	57.79 0.17 0.00	55.84 0.24 0.00	52.12 0.18 0.00	52.53 0.09 0.00	52.31 0.11 0.00	58.24 0.16 0.00	56.14 0.15 0.00	50.95 0.14 0.00	55.44 0.17 0.00	45.64 0.13 0.00	50.75 0.07 0.00	50.77 0.20 0.00	51.75 0.31 0.00	51.48 0.11 0.00	56.65 0.03 0.00	76.29 0.01 0.00	49.57 -0.38 0.00	48.14 -0.56 0.00	49.65 -0.27 0.00	50.76 -0.03 0.00	49.66 0.21 0.00	47.05 0.31 0.00	52.55 0.34 0.00
CHAT_HIGH_FALL_HYD 323578	62.90 0.16 0.00	57.78 0.16 0.00	55.82 0.22 0.00	52.10 0.17 0.00	52.50 0.06 0.00	52.31 0.11 0.00	58.24 0.15 0.00	56.15 0.15 0.00	50.94 0.13 0.00	55.38 0.11 0.00	45.59 0.07 0.00	50.70 0.02 0.00	50.68 0.11 0.00	51.68 0.23 0.00	51.40 0.04 0.00	56.61 0.00 0.00	76.21 -0.07 0.00	49.52 -0.43 0.00	48.15 -0.55 0.00	49.71 -0.21 0.00	50.84 0.06 0.00	49.72 0.27 0.00	47.10 0.36 0.00	52.58 0.37 0.00
CHAUTAUQUA___LFGE 323629	44.00 1.51 20.25	38.07 1.02 20.57	45.03 1.00 11.56	46.06 0.61 6.49	46.30 0.78 6.91	42.45 0.60 10.35	44.95 1.08 14.21	48.17 0.98 8.80	42.79 0.89 8.91	55.88 1.22 0.61	43.65 0.96 2.84	52.39 1.71 0.00	51.15 0.58 0.00	52.25 1.27 0.48	52.60 1.57 0.34	57.29 1.80 1.13	79.25 2.97 0.00	52.02 2.07 0.00	50.92 2.23 0.00	51.54 1.63 0.00	49.43 1.38 2.73	44.66 0.75 5.53	40.18 0.73 7.29	47.06 0.36 5.52
CHERRYST_13_KV_LD 356241	65.17 2.42 0.00	59.80 2.18 0.00	57.63 2.03 0.00	53.86 1.93 0.00	54.37 1.94 0.00	54.28 2.09 0.00	60.42 2.33 0.00	58.55 2.55 0.00	55.46 3.02 -1.64	58.95 3.69 0.00	51.48 3.33 -2.64	54.24 3.56 0.00	53.87 3.30 0.00	54.62 3.17 0.00	54.74 3.38 0.00	60.32 3.71 0.00	81.86 5.58 0.00	54.14 4.19 0.00	52.91 4.21 0.00	53.41 3.49 0.00	53.20 2.41 0.00	51.49 2.05 0.00	48.84 2.11 0.00	54.79 2.58 0.00

CHESTROR_138KV_BK263 355645	64.03 1.29 0.00	58.77 1.15 0.00	56.60 1.00 0.00	52.90 0.96 0.00	53.43 0.99 0.00	53.28 1.09 0.00	59.24 1.16 0.00	57.29 1.30 0.00	50.49 1.51 1.83	57.21 1.94 0.00	44.30 1.72 2.94	52.70 2.02 0.00	52.56 1.99 0.00	53.35 1.90 0.00	53.46 2.09 0.00	58.90 2.28 0.00	79.95 3.67 0.00	52.89 2.94 0.00	51.82 3.12 0.00	52.46 2.55 0.00	52.45 1.67 0.00	50.74 1.30 0.00	47.99 1.25 0.00	53.73 1.52 0.00
CH_MIDHUDSON___DRP 24192	64.49 1.75 0.00	59.22 1.60 0.00	57.07 1.47 0.00	53.37 1.44 0.00	53.91 1.48 0.00	53.80 1.60 0.00	59.84 1.75 0.00	57.85 1.86 0.00	52.87 2.07 0.00	57.77 2.50 0.00	47.77 2.25 0.00	53.11 2.43 0.00	52.95 2.38 0.00	53.71 2.26 0.00	53.81 2.44 0.00	59.29 2.68 0.00	80.43 4.14 0.00	53.22 3.27 0.00	52.07 3.37 0.00	52.68 2.76 0.00	52.69 1.91 0.00	51.01 1.56 0.00	48.21 1.48 0.00	53.99 1.78 0.00
CH_MISC_IPPS 23765	64.99 2.25 0.00	59.61 1.99 0.00	57.42 1.81 0.00	53.68 1.74 0.00	54.22 1.78 0.00	54.11 1.91 0.00	60.20 2.11 0.00	58.21 2.22 0.00	53.23 2.42 0.00	58.19 2.92 0.00	48.12 2.60 0.00	53.56 2.88 0.00	53.41 2.83 0.00	54.20 2.76 0.00	54.32 2.95 0.00	59.88 3.27 0.00	81.31 5.03 0.00	53.81 3.86 0.00	52.67 3.97 0.00	53.25 3.34 0.00	53.21 2.43 0.00	51.47 2.02 0.00	48.63 1.90 0.00	54.40 2.19 0.00
CH_RES_BVR_FALLS 23983	62.69 -0.05 0.00	57.61 -0.02 0.00	55.60 0.00 0.00	51.93 0.00 0.00	52.39 -0.04 0.00	52.14 -0.05 0.00	58.04 -0.05 0.00	55.95 -0.04 0.00	50.77 -0.04 0.00	55.22 -0.05 0.00	45.47 -0.05 0.00	50.62 -0.06 0.00	50.52 -0.05 0.00	51.41 -0.03 0.00	51.26 -0.10 0.00	56.46 -0.15 0.00	76.05 -0.23 0.00	49.74 -0.20 0.00	48.45 -0.24 0.00	49.77 -0.15 0.00	50.70 -0.08 0.00	49.42 -0.02 0.00	46.74 0.01 0.00	52.21 0.00 0.00
CH_RES_NIAGARA 23895	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
CH_RES_SYRACUSE 23985	62.64 -0.10 0.00	57.63 0.01 0.00	55.73 0.12 0.00	51.82 -0.11 0.00	52.16 -0.28 0.00	51.92 -0.28 0.00	57.88 -0.20 0.00	55.79 -0.20 0.00	50.51 -0.30 0.00	54.90 -0.37 0.00	45.11 -0.41 0.00	50.37 -0.31 0.00	50.17 -0.40 0.00	51.17 -0.17 0.00	51.16 -0.21 0.00	56.44 -0.17 0.00	76.31 0.02 0.00	50.17 0.21 0.00	49.16 0.46 0.00	50.20 0.29 0.00	50.89 0.10 0.00	49.33 -0.11 0.00	46.57 -0.17 0.00	51.86 -0.35 0.00
CLINTON_WT_PWR 323605	62.90 0.16 0.00	57.79 0.17 0.00	55.84 0.24 0.00	52.12 0.18 0.00	52.53 0.09 0.00	52.31 0.11 0.00	58.24 0.16 0.00	56.14 0.15 0.00	50.95 0.14 0.00	55.44 0.17 0.00	45.64 0.13 0.00	50.75 0.07 0.00	50.77 0.20 0.00	51.75 0.31 0.00	51.48 0.11 0.00	56.65 0.03 0.00	76.29 0.01 0.00	49.57 -0.38 0.00	48.14 -0.56 0.00	49.65 -0.27 0.00	50.76 -0.03 0.00	49.66 0.21 0.00	47.05 0.31 0.00	52.55 0.34 0.00
CLINTON___LFGE 323618	64.23 1.49 0.00	58.97 1.35 0.00	56.92 1.32 0.00	53.26 1.32 0.00	53.71 1.27 0.00	53.45 1.25 0.00	59.61 1.52 0.00	57.32 1.33 0.00	51.92 1.11 0.00	56.41 1.15 0.00	46.38 0.86 0.00	51.47 0.79 0.00	51.73 1.16 0.00	52.78 1.34 0.00	52.55 1.18 0.00	57.73 1.12 0.00	77.38 1.10 0.00	50.28 0.33 0.00	48.89 0.19 0.00	50.35 0.44 0.00	51.45 0.67 0.00	50.38 0.94 0.00	47.66 0.93 0.00	53.22 1.01 0.00
COBBLENY_34_KV_TB1 80064	64.40 1.66 0.00	58.83 1.21 0.00	56.78 1.18 0.00	52.75 0.82 0.00	53.33 0.90 0.00	52.71 0.51 0.00	58.97 0.88 0.00	56.58 0.59 0.00	51.40 0.59 0.00	55.96 0.70 0.00	46.23 0.72 0.00	51.89 1.21 0.00	51.15 0.58 0.00	52.92 1.47 0.00	53.08 1.71 0.00	58.57 1.96 0.00	78.93 2.65 0.00	51.73 1.78 0.00	50.24 1.54 0.00	50.78 0.87 0.00	51.55 0.76 0.00	49.81 0.37 0.00	47.25 0.52 0.00	52.38 0.17 0.00
COFFEEN___115KV_TB3 355620	64.95 2.21 0.00	59.74 2.12 0.00	57.57 1.97 0.00	53.64 1.71 0.00	54.21 1.77 0.00	54.15 1.96 0.00	60.54 2.46 0.00	58.13 2.14 0.00	51.94 1.13 0.00	55.75 0.48 0.00	45.43 -0.09 0.00	50.59 -0.09 0.00	50.36 -0.21 0.00	51.49 0.04 0.00	51.46 0.09 0.00	56.18 -0.43 0.00	77.05 0.76 0.00	51.09 1.14 0.00	50.64 1.94 0.00	52.42 2.51 0.00	53.68 2.90 0.00	52.11 2.67 0.00	48.63 1.89 0.00	54.17 1.96 0.00
COLDSPRG_115KV_BK1 355956	65.13 2.39 0.00	59.40 1.78 0.00	57.20 1.60 0.00	53.22 1.29 0.00	53.97 1.53 0.00	53.61 1.42 0.00	60.27 2.18 0.00	58.17 2.18 0.00	52.88 2.08 0.00	58.18 2.91 0.00	47.74 2.22 0.00	53.78 3.10 0.00	52.38 1.81 0.00	53.76 2.31 0.00	53.83 2.46 0.00	59.34 2.73 0.00	80.79 4.51 0.00	53.08 3.13 0.00	52.34 3.64 0.00	53.02 3.10 0.00	53.48 2.70 0.00	51.18 1.74 0.00	48.17 1.43 0.00	53.48 1.27 0.00
COLONIE_LFGE___ 323577	63.80 1.06 0.00	58.84 1.22 0.00	56.80 1.20 0.00	53.18 1.25 0.00	53.77 1.33 0.00	53.46 1.26 0.00	59.43 1.34 0.00	57.06 1.06 0.00	51.54 0.74 0.00	55.90 0.63 0.00	45.91 0.39 0.00	50.86 0.18 0.00	51.08 0.51 0.00	51.81 0.36 0.00	51.63 0.26 0.00	57.01 0.40 0.00	76.93 0.65 0.00	50.81 0.86 0.00	49.78 1.09 0.00	50.81 0.89 0.00	51.54 0.75 0.00	50.21 0.77 0.00	47.29 0.55 0.00	53.05 0.84 0.00
COOPERNY_115KV_TB1 80082	63.56 0.82 0.00	58.34 0.72 0.00	56.23 0.63 0.00	52.55 0.61 0.00	53.07 0.63 0.00	52.89 0.70 0.00	58.82 0.73 0.00	56.85 0.86 0.00	50.98 1.01 0.83	56.59 1.32 0.00	45.36 1.17 1.33	52.07 1.39 0.00	51.92 1.35 0.00	52.70 1.26 0.00	52.78 1.41 0.00	58.15 1.53 0.00	78.81 2.53 0.00	52.04 2.09 0.00	50.96 2.26 0.00	51.70 1.79 0.00	51.92 1.14 0.00	50.30 0.86 0.00	47.56 0.82 0.00	53.20 0.99 0.00
COPENHAGEN_WT_PWR 323753	64.32 1.58 0.00	59.31 1.68 0.00	57.17 1.57 0.00	53.26 1.32 0.00	53.84 1.41 0.00	53.75 1.56 0.00	60.04 1.96 0.00	57.66 1.66 0.00	51.64 0.84 0.00	55.52 0.25 0.00	45.27 -0.25 0.00	50.39 -0.29 0.00	50.08 -0.49 0.00	51.16 -0.29 0.00	51.10 -0.26 0.00	55.73 -0.88 0.00	76.20 -0.08 0.00	50.56 0.61 0.00	50.04 1.34 0.00	51.90 1.98 0.00	53.13 2.34 0.00	51.58 2.14 0.00	48.05 1.31 0.00	53.64 1.43 0.00
CORNELL_____ 23752	64.08 1.33 0.00	58.62 1.00 0.00	56.53 0.93 0.00	52.68 0.74 0.00	53.22 0.79 0.00	52.98 0.78 0.00	59.12 1.03 0.00	56.95 0.96 0.00	51.48 0.67 0.00	55.89 0.62 0.00	45.70 0.18 0.00	50.88 0.20 0.00	50.62 0.05 0.00	51.48 0.03 0.00	51.52 0.15 0.00	56.86 0.25 0.00	77.21 0.93 0.00	51.04 1.09 0.00	50.52 1.82 0.00	51.70 1.79 0.00	52.28 1.49 0.00	50.54 1.10 0.00	47.62 0.88 0.00	52.94 0.72 0.00

CORONA_V_69_KV_TB1 355595	64.89 2.15 0.00	59.87 2.25 0.00	58.01 2.40 0.00	54.20 2.27 0.00	54.76 2.33 0.00	54.72 2.53 0.00	60.43 2.34 0.00	58.74 2.75 0.00	55.75 3.32 -1.62	58.94 3.67 0.00	52.87 3.58 -3.77	54.57 3.77 -0.12	54.14 3.57 0.00	54.92 3.47 0.00	55.10 3.73 0.00	60.55 3.94 0.00	81.89 5.61 0.00	54.35 4.40 0.00	53.33 4.63 0.00	53.73 3.82 0.00	53.14 2.36 0.00	51.57 2.12 0.00	48.81 2.07 0.00	54.77 2.56 0.00
CORTLAND_115KV_TB3 80093	63.48 0.74 0.00	58.11 0.49 0.00	56.05 0.45 0.00	52.29 0.35 0.00	52.81 0.37 0.00	52.56 0.37 0.00	58.63 0.54 0.00	56.52 0.52 0.00	51.17 0.36 0.00	55.61 0.34 0.00	45.62 0.10 0.00	50.91 0.23 0.00	50.58 0.01 0.00	51.51 0.06 0.00	51.51 0.15 0.00	56.83 0.22 0.00	77.00 0.72 0.00	50.76 0.81 0.00	49.97 1.27 0.00	51.09 1.18 0.00	51.69 0.91 0.00	50.04 0.59 0.00	47.17 0.43 0.00	52.53 0.31 0.00
COXSACKIE___GT 23611	65.61 2.86 0.00	60.26 2.64 0.00	58.08 2.48 0.00	54.30 2.37 0.00	54.88 2.44 0.00	54.69 2.49 0.00	60.98 2.89 0.00	58.80 2.81 0.00	53.02 2.22 0.00	56.88 1.61 0.00	46.61 1.09 0.00	51.86 1.18 0.00	52.11 1.54 0.00	52.57 1.12 0.00	52.42 1.05 0.00	58.32 1.71 0.00	79.35 3.07 0.00	52.68 2.73 0.00	51.84 3.14 0.00	53.16 3.25 0.00	53.81 3.02 0.00	52.11 2.66 0.00	48.98 2.24 0.00	54.65 2.44 0.00
CPV_VALLEY___CC1 323721	63.55 0.81 0.00	58.35 0.73 0.00	56.21 0.61 0.00	52.55 0.61 0.00	53.07 0.63 0.00	52.92 0.73 0.00	58.83 0.74 0.00	56.88 0.88 0.00	50.80 1.14 1.15	56.79 1.52 0.00	45.07 1.40 1.85	52.29 1.61 0.00	52.15 1.57 0.00	52.92 1.47 0.00	53.02 1.65 0.00	58.40 1.78 0.00	79.21 2.93 0.00	52.35 2.40 0.00	51.28 2.58 0.00	51.94 2.03 0.00	51.99 1.20 0.00	50.33 0.89 0.00	47.60 0.86 0.00	53.28 1.07 0.00
CPV_VALLEY___CC2 323722	63.55 0.81 0.00	58.35 0.73 0.00	56.21 0.61 0.00	52.55 0.61 0.00	53.07 0.63 0.00	52.92 0.73 0.00	58.83 0.74 0.00	56.88 0.88 0.00	50.80 1.14 1.15	56.79 1.52 0.00	45.07 1.40 1.85	52.29 1.61 0.00	52.15 1.57 0.00	52.92 1.47 0.00	53.02 1.65 0.00	58.40 1.78 0.00	79.21 2.93 0.00	52.35 2.40 0.00	51.28 2.58 0.00	51.94 2.03 0.00	51.99 1.20 0.00	50.33 0.89 0.00	47.60 0.86 0.00	53.28 1.07 0.00
CRESCENT___HYD 24018	63.80 1.06 0.00	58.84 1.22 0.00	56.80 1.20 0.00	53.18 1.25 0.00	53.77 1.33 0.00	53.46 1.26 0.00	59.43 1.34 0.00	57.06 1.06 0.00	51.54 0.74 0.00	55.90 0.63 0.00	45.91 0.39 0.00	50.86 0.18 0.00	51.08 0.51 0.00	51.81 0.36 0.00	51.63 0.26 0.00	57.01 0.40 0.00	76.93 0.65 0.00	50.81 0.86 0.00	49.78 1.09 0.00	50.81 0.89 0.00	51.54 0.75 0.00	50.21 0.77 0.00	47.29 0.55 0.00	53.05 0.84 0.00
CRICKET___VALLEY_CC1 323756	63.53 0.79 0.00	58.38 0.76 0.00	56.28 0.67 0.00	52.68 0.74 0.00	53.23 0.79 0.00	53.15 0.96 0.00	59.11 1.02 0.00	57.12 1.13 0.00	52.75 1.36 -0.59	56.96 1.69 0.00	48.05 1.59 -0.95	52.29 1.61 0.00	52.16 1.59 0.00	52.92 1.47 0.00	52.93 1.57 0.00	58.32 1.70 0.00	79.11 2.83 0.00	52.35 2.40 0.00	51.22 2.52 0.00	51.78 1.86 0.00	51.78 1.00 0.00	50.16 0.72 0.00	47.47 0.73 0.00	53.19 0.98 0.00
CRICKET___VALLEY_CC2 323757	63.53 0.79 0.00	58.38 0.76 0.00	56.28 0.67 0.00	52.68 0.74 0.00	53.23 0.79 0.00	53.15 0.96 0.00	59.11 1.02 0.00	57.12 1.13 0.00	52.75 1.36 -0.59	56.96 1.69 0.00	48.05 1.59 -0.95	52.29 1.61 0.00	52.16 1.59 0.00	52.92 1.47 0.00	52.93 1.57 0.00	58.32 1.70 0.00	79.11 2.83 0.00	52.35 2.40 0.00	51.22 2.52 0.00	51.78 1.86 0.00	51.78 1.00 0.00	50.16 0.72 0.00	47.47 0.73 0.00	53.19 0.98 0.00
CRICKET___VALLEY_CC3 323758	63.53 0.79 0.00	58.38 0.76 0.00	56.28 0.67 0.00	52.68 0.74 0.00	53.23 0.79 0.00	53.15 0.96 0.00	59.11 1.02 0.00	57.12 1.13 0.00	52.75 1.36 -0.59	56.96 1.69 0.00	48.05 1.59 -0.95	52.29 1.61 0.00	52.16 1.59 0.00	52.92 1.47 0.00	52.93 1.57 0.00	58.32 1.70 0.00	79.11 2.83 0.00	52.35 2.40 0.00	51.22 2.52 0.00	51.78 1.86 0.00	51.78 1.00 0.00	50.16 0.72 0.00	47.47 0.73 0.00	53.19 0.98 0.00
CRUCIBLE_METL_DRP 24180	62.65 -0.09 0.00	57.63 0.01 0.00	55.72 0.11 0.00	51.82 -0.12 0.00	52.15 -0.28 0.00	51.92 -0.28 0.00	57.88 -0.20 0.00	55.79 -0.20 0.00	50.50 -0.30 0.00	54.88 -0.39 0.00	45.11 -0.41 0.00	50.37 -0.32 0.00	50.17 -0.40 0.00	51.16 -0.28 0.00	51.16 -0.21 0.00	56.44 -0.17 0.00	76.31 0.02 0.00	50.16 0.21 0.00	49.16 0.46 0.00	50.20 0.28 0.00	50.88 0.10 0.00	49.33 -0.11 0.00	46.57 -0.17 0.00	51.86 -0.36 0.00
DAHOWA___HYDRO 323763	65.14 2.40 0.00	59.94 2.32 0.00	57.87 2.27 0.00	54.12 2.18 0.00	54.70 2.27 0.00	54.42 2.23 0.00	60.58 2.49 0.00	58.05 2.05 0.00	52.10 1.30 0.00	56.24 0.97 0.00	45.93 0.42 0.00	50.90 0.21 0.00	51.24 0.67 0.00	52.09 0.64 0.00	51.91 0.55 0.00	57.54 0.93 0.00	78.16 1.88 0.00	51.79 1.84 0.00	51.02 2.32 0.00	52.17 2.26 0.00	52.95 2.17 0.00	51.47 2.03 0.00	48.33 1.60 0.00	54.21 1.99 0.00
DANC___LFGE 323619	63.31 0.57 0.00	58.24 0.62 0.00	56.16 0.56 0.00	52.36 0.42 0.00	52.90 0.47 0.00	52.75 0.55 0.00	58.89 0.80 0.00	56.62 0.63 0.00	50.92 0.12 0.00	54.99 -0.28 0.00	44.96 -0.56 0.00	50.05 -0.62 0.00	49.82 -0.75 0.00	50.85 -0.60 0.00	50.81 -0.55 0.00	55.61 -1.00 0.00	75.64 -0.64 0.00	50.04 0.09 0.00	49.35 0.65 0.00	50.88 0.97 0.00	51.92 1.13 0.00	50.48 1.04 0.00	47.25 0.51 0.00	52.70 0.49 0.00
DANSKAMMER___1 23586	64.99 2.25 0.00	59.61 1.99 0.00	57.42 1.81 0.00	53.68 1.74 0.00	54.22 1.78 0.00	54.11 1.91 0.00	60.20 2.11 0.00	58.21 2.22 0.00	53.23 2.42 0.00	58.19 2.92 0.00	48.12 2.60 0.00	53.56 2.88 0.00	53.41 2.83 0.00	54.20 2.76 0.00	54.32 2.95 0.00	59.88 3.27 0.00	81.31 5.03 0.00	53.81 3.86 0.00	52.67 3.97 0.00	53.25 3.34 0.00	53.21 2.43 0.00	51.47 2.02 0.00	48.63 1.90 0.00	54.40 2.19 0.00
DANSKAMMER___2 23589	64.99 2.25 0.00	59.61 1.99 0.00	57.42 1.81 0.00	53.68 1.74 0.00	54.22 1.78 0.00	54.11 1.91 0.00	60.20 2.11 0.00	58.21 2.22 0.00	53.23 2.42 0.00	58.19 2.92 0.00	48.12 2.60 0.00	53.56 2.88 0.00	53.41 2.83 0.00	54.20 2.76 0.00	54.32 2.95 0.00	59.88 3.27 0.00	81.31 5.03 0.00	53.81 3.86 0.00	52.67 3.97 0.00	53.25 3.34 0.00	53.21 2.43 0.00	51.47 2.02 0.00	48.63 1.90 0.00	54.40 2.19 0.00
DANSKAMMER___3 23590	64.99 2.25 0.00	59.61 1.99 0.00	57.42 1.81 0.00	53.68 1.74 0.00	54.22 1.78 0.00	54.11 1.91 0.00	60.20 2.11 0.00	58.21 2.22 0.00	53.23 2.42 0.00	58.19 2.92 0.00	48.12 2.60 0.00	53.56 2.88 0.00	53.41 2.83 0.00	54.20 2.76 0.00	54.32 2.95 0.00	59.88 3.27 0.00	81.31 5.03 0.00	53.81 3.86 0.00	52.67 3.97 0.00	53.25 3.34 0.00	53.21 2.43 0.00	51.47 2.02 0.00	48.63 1.90 0.00	54.40 2.19 0.00

DANSKAMMER___4 23591	64.99 2.25 0.00	59.61 1.99 0.00	57.42 1.81 0.00	53.68 1.74 0.00	54.22 1.78 0.00	54.11 1.91 0.00	60.20 2.11 0.00	58.21 2.22 0.00	53.23 2.42 0.00	58.19 2.92 0.00	48.12 2.60 0.00	53.56 2.88 0.00	53.41 2.83 0.00	54.20 2.76 0.00	54.32 2.95 0.00	59.88 3.27 0.00	81.31 5.03 0.00	53.81 3.86 0.00	52.67 3.97 0.00	53.25 3.34 0.00	53.21 2.43 0.00	51.47 2.02 0.00	48.63 1.90 0.00	54.40 2.19 0.00
DANSKAMMER___DIESEL 23592	64.99 2.25 0.00	59.63 2.01 0.00	57.42 1.82 0.00	53.68 1.75 0.00	54.22 1.78 0.00	54.11 1.91 0.00	60.20 2.12 0.00	58.23 2.23 0.00	53.23 2.43 0.00	58.20 2.93 0.00	48.12 2.60 0.00	53.56 2.88 0.00	53.41 2.84 0.00	54.21 2.76 0.00	54.32 2.96 0.00	59.88 3.27 0.00	81.31 5.03 0.00	53.81 3.86 0.00	52.67 3.97 0.00	53.25 3.33 0.00	53.21 2.43 0.00	51.47 2.03 0.00	48.63 1.90 0.00	54.41 2.20 0.00
DARBY___SOLAR 323810	64.81 2.07 0.00	59.66 2.03 0.00	57.60 2.00 0.00	53.88 1.94 0.00	54.45 2.02 0.00	54.17 1.97 0.00	60.27 2.18 0.00	57.77 1.78 0.00	51.91 1.11 0.00	56.08 0.81 0.00	45.86 0.34 0.00	50.81 0.13 0.00	51.12 0.55 0.00	51.92 0.48 0.00	51.75 0.39 0.00	57.32 0.71 0.00	77.80 1.52 0.00	51.49 1.55 0.00	50.67 1.98 0.00	51.80 1.88 0.00	52.56 1.78 0.00	51.14 1.69 0.00	48.07 1.33 0.00	53.90 1.69 0.00
DASHVILLE___HYD 23610	64.17 1.43 0.00	58.89 1.27 0.00	56.74 1.14 0.00	53.06 1.12 0.00	53.59 1.15 0.00	53.47 1.28 0.00	59.45 1.37 0.00	57.50 1.50 0.00	52.56 1.75 0.00	57.46 2.19 0.00	47.51 1.99 0.00	52.82 2.14 0.00	52.74 2.16 0.00	53.50 2.05 0.00	53.58 2.21 0.00	59.05 2.44 0.00	80.09 3.81 0.00	52.99 3.04 0.00	51.84 3.14 0.00	52.44 2.53 0.00	52.49 1.70 0.00	50.79 1.34 0.00	47.99 1.26 0.00	53.71 1.49 0.00
DELAWARE___LFGE 323621	63.79 1.05 0.00	58.55 0.93 0.00	56.46 0.86 0.00	52.74 0.80 0.00	53.29 0.86 0.00	53.08 0.88 0.00	59.04 0.96 0.00	56.97 0.97 0.00	51.76 0.96 0.00	56.43 1.16 0.00	46.48 0.96 0.00	51.80 1.12 0.00	51.60 1.03 0.00	52.45 1.00 0.00	52.41 1.04 0.00	57.74 1.13 0.00	78.21 1.93 0.00	51.60 1.65 0.00	50.59 1.89 0.00	51.47 1.55 0.00	51.96 1.17 0.00	50.39 0.94 0.00	47.54 0.80 0.00	53.12 0.91 0.00
DERFIELD_115KV_TB7 355931	62.74 0.00 0.00	57.67 0.05 0.00	55.61 0.01 0.00	51.98 0.04 0.00	52.49 0.05 0.00	52.25 0.05 0.00	58.14 0.06 0.00	56.04 0.05 0.00	50.80 0.00 0.00	55.22 -0.05 0.00	45.47 -0.05 0.00	50.59 -0.09 0.00	50.52 -0.05 0.00	51.35 -0.09 0.00	51.29 -0.07 0.00	56.54 -0.07 0.00	76.28 0.00 0.00	50.11 0.16 0.00	48.98 0.28 0.00	50.11 0.19 0.00	50.86 0.08 0.00	49.47 0.03 0.00	46.74 0.01 0.00	52.24 0.03 0.00
DOGLEVILLE___HYD 23807	63.58 0.84 0.00	58.50 0.88 0.00	56.37 0.76 0.00	52.75 0.81 0.00	53.41 0.98 0.00	53.07 0.87 0.00	59.00 0.92 0.00	56.55 0.55 0.00	50.28 -0.52 0.00	53.92 -1.35 0.00	44.24 -1.28 0.00	49.19 -1.49 0.00	49.26 -1.31 0.00	49.89 -1.56 0.00	49.67 -1.69 0.00	54.73 -1.89 0.00	74.23 -2.05 0.00	49.50 -0.45 0.00	49.34 0.65 0.00	50.79 0.87 0.00	51.46 0.67 0.00	50.12 0.67 0.00	47.17 0.44 0.00	52.80 0.59 0.00
DUNKIRK___115KV_TB_200 55889	64.17 1.43 0.00	58.53 0.91 0.00	56.51 0.90 0.00	52.49 0.55 0.00	53.14 0.70 0.00	52.68 0.48 0.00	59.02 0.94 0.00	56.83 0.84 0.00	51.57 0.77 0.00	56.36 1.09 0.00	46.39 0.88 0.00	52.26 1.58 0.00	51.07 0.49 0.00	52.65 1.20 0.00	52.87 1.50 0.00	58.33 1.71 0.00	79.10 2.82 0.00	51.92 1.97 0.00	50.80 2.10 0.00	51.42 1.51 0.00	52.03 1.25 0.00	50.07 0.62 0.00	47.36 0.62 0.00	52.46 0.25 0.00
DUNKIRK___1 23563	64.17 1.43 0.00	58.53 0.91 0.00	56.51 0.90 0.00	52.49 0.55 0.00	53.14 0.70 0.00	52.68 0.48 0.00	59.02 0.94 0.00	56.83 0.84 0.00	51.57 0.77 0.00	56.36 1.09 0.00	46.39 0.88 0.00	52.26 1.58 0.00	51.07 0.49 0.00	52.65 1.20 0.00	52.87 1.50 0.00	58.33 1.71 0.00	79.10 2.82 0.00	51.92 1.97 0.00	50.80 2.10 0.00	51.42 1.51 0.00	52.03 1.25 0.00	50.07 0.62 0.00	47.36 0.62 0.00	52.46 0.25 0.00
DUNKIRK___2 23564	64.17 1.43 0.00	58.53 0.91 0.00	56.51 0.90 0.00	52.49 0.55 0.00	53.14 0.70 0.00	52.68 0.48 0.00	59.02 0.94 0.00	56.83 0.84 0.00	51.57 0.77 0.00	56.36 1.09 0.00	46.39 0.88 0.00	52.26 1.58 0.00	51.07 0.49 0.00	52.65 1.20 0.00	52.87 1.50 0.00	58.33 1.71 0.00	79.10 2.82 0.00	51.92 1.97 0.00	50.80 2.10 0.00	51.42 1.51 0.00	52.03 1.25 0.00	50.07 0.62 0.00	47.36 0.62 0.00	52.46 0.25 0.00
DUNKIRK___3 23565	63.91 1.16 0.00	58.33 0.71 0.00	56.33 0.73 0.00	52.33 0.40 0.00	52.96 0.53 0.00	52.44 0.24 0.00	58.72 0.64 0.00	56.49 0.49 0.00	51.28 0.47 0.00	56.00 0.73 0.00	46.14 0.63 0.00	51.92 1.23 0.00	50.87 0.30 0.00	52.46 1.01 0.00	52.64 1.28 0.00	58.07 1.46 0.00	78.60 2.32 0.00	51.59 1.65 0.00	50.39 1.69 0.00	51.01 1.10 0.00	51.65 0.86 0.00	49.74 0.30 0.00	47.09 0.36 0.00	52.20 -0.02 0.00
DUNKIRK___4 23566	63.91 1.16 0.00	58.33 0.71 0.00	56.33 0.73 0.00	52.33 0.40 0.00	52.96 0.53 0.00	52.44 0.24 0.00	58.72 0.64 0.00	56.49 0.49 0.00	51.28 0.47 0.00	56.00 0.73 0.00	46.14 0.63 0.00	51.92 1.23 0.00	50.87 0.30 0.00	52.46 1.01 0.00	52.64 1.28 0.00	58.07 1.46 0.00	78.60 2.32 0.00	51.59 1.65 0.00	50.39 1.69 0.00	51.01 1.10 0.00	51.65 0.86 0.00	49.74 0.30 0.00	47.09 0.36 0.00	52.20 -0.02 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	64.68 1.94 0.00	59.40 1.78 0.00	57.26 1.66 0.00	53.54 1.60 0.00	54.08 1.64 0.00	53.99 1.80 0.00	60.00 1.91 0.00	58.09 2.10 0.00	54.94 2.50 -1.64	58.33 3.06 0.00	50.97 2.82 -2.63	53.70 3.02 0.00	53.41 2.84 0.00	54.16 2.71 0.00	54.27 2.91 0.00	59.80 3.18 0.00	81.11 4.83 0.00	53.67 3.72 0.00	52.50 3.80 0.00	53.02 3.11 0.00	52.86 2.08 0.00	51.17 1.73 0.00	48.46 1.73 0.00	54.35 2.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	64.47 1.73 0.00	59.15 1.53 0.00	56.97 1.37 0.00	53.25 1.31 0.00	53.78 1.34 0.00	53.65 1.45 0.00	59.66 1.57 0.00	57.71 1.72 0.00	52.11 1.94 0.63	57.65 2.38 0.00	46.63 2.12 1.01	53.09 2.41 0.00	52.96 2.39 0.00	53.72 2.27 0.00	53.85 2.48 0.00	59.34 2.73 0.00	80.55 4.27 0.00	53.32 3.37 0.00	52.24 3.54 0.00	52.85 2.94 0.00	52.82 2.03 0.00	51.10 1.66 0.00	48.30 1.56 0.00	54.04 1.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	64.77 2.03 0.00	59.50 1.88 0.00	57.35 1.75 0.00	53.65 1.72 0.00	54.15 1.71 0.00	54.15 1.95 0.00	60.16 2.08 0.00	58.27 2.27 0.00	55.16 2.72 -1.64	58.50 3.23 0.00	51.19 3.03 -2.64	53.74 3.06 0.00	53.45 2.88 0.00	54.21 2.76 0.00	54.33 2.97 0.00	59.87 3.25 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.50 3.80 0.00	53.04 3.12 0.00	52.90 2.12 0.00	51.25 1.81 0.00	48.49 1.75 0.00	54.39 2.17 0.00

E179THST_13_KV_LOAD 356214	65.17 2.43 0.00	59.85 2.23 0.00	57.67 2.07 0.00	53.92 1.99 0.00	54.44 2.00 0.00	54.45 2.25 0.00	60.51 2.42 0.00	58.62 2.62 0.00	55.49 3.04 -1.64	58.85 3.58 0.00	51.50 3.34 -2.64	54.09 3.40 0.00	53.79 3.22 0.00	54.55 3.11 0.00	54.69 3.32 0.00	60.25 3.64 0.00	81.70 5.42 0.00	54.07 4.12 0.00	52.85 4.15 0.00	53.38 3.47 0.00	53.25 2.47 0.00	51.58 2.13 0.00	48.80 2.06 0.00	54.70 2.49 0.00
EAST HAMPTON___GT 23717	65.40 2.66 0.00	60.59 2.97 0.00	59.42 3.82 0.00	55.52 3.59 0.00	56.57 4.13 0.00	56.77 4.57 0.00	62.38 4.29 0.00	60.96 4.97 0.00	58.41 5.98 -1.62	61.84 6.56 0.00	55.30 6.01 -3.77	56.68 5.88 -0.12	56.29 5.71 0.00	56.72 5.27 0.00	56.92 5.55 0.00	62.73 5.82 -0.30	88.53 7.52 -4.73	58.24 5.24 -3.04	53.40 4.70 0.00	53.39 3.48 0.00	53.61 2.83 0.00	52.40 2.96 0.00	49.28 2.54 0.00	54.99 2.78 0.00
EAST RIVER___6 23660	65.11 2.37 0.00	59.73 2.11 0.00	57.59 1.99 0.00	53.81 1.88 0.00	54.25 1.81 0.00	54.17 1.97 0.00	60.33 2.25 0.00	58.49 2.50 0.00	55.42 2.98 -1.64	58.92 3.65 0.00	51.43 3.28 -2.64	54.14 3.46 0.00	53.80 3.22 0.00	54.54 3.09 0.00	54.68 3.31 0.00	60.24 3.63 0.00	81.72 5.44 0.00	54.07 4.12 0.00	52.82 4.12 0.00	53.36 3.45 0.00	53.13 2.34 0.00	51.47 2.03 0.00	48.81 2.08 0.00	54.74 2.53 0.00
EAST RIVER___7 23524	65.11 2.37 0.00	59.73 2.11 0.00	57.59 1.99 0.00	53.81 1.88 0.00	54.25 1.81 0.00	54.17 1.97 0.00	60.33 2.25 0.00	58.49 2.50 0.00	55.42 2.98 -1.64	58.92 3.65 0.00	51.43 3.28 -2.64	54.14 3.46 0.00	53.80 3.22 0.00	54.54 3.09 0.00	54.68 3.31 0.00	60.24 3.63 0.00	81.72 5.44 0.00	54.07 4.12 0.00	52.82 4.12 0.00	53.36 3.45 0.00	53.13 2.34 0.00	51.47 2.03 0.00	48.81 2.08 0.00	54.74 2.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	64.56 1.82 0.00	59.29 1.67 0.00	57.16 1.56 0.00	53.46 1.52 0.00	53.99 1.55 0.00	53.90 1.70 0.00	59.88 1.80 0.00	57.97 1.97 0.00	54.93 2.36 -1.76	58.16 2.89 0.00	51.02 2.68 -2.83	53.56 2.88 0.00	53.31 2.74 0.00	54.05 2.61 0.00	54.16 2.80 0.00	59.67 3.06 0.00	80.95 4.67 0.00	53.56 3.61 0.00	52.41 3.71 0.00	52.94 3.03 0.00	52.80 2.01 0.00	51.10 1.65 0.00	48.37 1.63 0.00	54.23 2.02 0.00
EAST_HAMPTON___DIESEL 23722	65.36 2.62 0.00	60.57 2.95 0.00	59.42 3.82 0.00	55.51 3.58 0.00	56.59 4.16 0.00	56.78 4.58 0.00	62.38 4.30 0.00	61.00 5.01 0.00	58.42 5.99 -1.62	61.86 6.59 0.00	55.32 6.03 -3.77	56.70 5.90 -0.12	56.29 5.72 0.00	56.72 5.27 0.00	56.95 5.59 0.00	62.76 5.85 -0.30	88.53 7.52 -4.73	58.22 5.22 -3.04	53.35 4.65 0.00	53.34 3.42 0.00	53.54 2.76 0.00	52.34 2.90 0.00	49.22 2.48 0.00	54.93 2.72 0.00
EAST_POINT___SOLAR 323840	66.40 3.66 0.00	60.69 3.07 0.00	58.47 2.87 0.00	54.57 2.63 0.00	55.07 2.63 0.00	55.03 2.83 0.00	61.47 3.38 0.00	58.83 2.83 0.00	51.43 0.63 0.00	55.15 -0.12 0.00	46.06 0.54 0.00	50.41 -0.28 0.00	50.27 -0.30 0.00	51.70 0.25 0.00	51.19 -0.17 0.00	56.08 -0.53 0.00	75.88 -0.40 0.00	49.92 -0.03 0.00	50.63 1.93 0.00	53.12 3.20 0.00	54.19 3.41 0.00	52.61 3.16 0.00	49.59 2.85 0.00	55.30 3.09 0.00
EAST_PULASKI___ESR 323781	62.42 -0.32 0.00	57.31 -0.31 0.00	55.22 -0.38 0.00	51.55 -0.38 0.00	52.02 -0.41 0.00	51.86 -0.34 0.00	57.84 -0.25 0.00	55.69 -0.30 0.00	50.30 -0.50 0.00	54.46 -0.81 0.00	44.72 -0.80 0.00	49.81 -0.87 0.00	49.65 -0.92 0.00	50.61 -0.84 0.00	50.58 -0.79 0.00	55.59 -1.02 0.00	75.22 -1.06 0.00	49.66 -0.29 0.00	48.79 0.09 0.00	50.02 0.10 0.00	50.87 0.08 0.00	49.47 0.03 0.00	46.52 -0.21 0.00	51.86 -0.35 0.00
EAST_RIVER___1 323558	64.95 2.21 0.00	59.60 1.98 0.00	57.43 1.83 0.00	53.68 1.74 0.00	54.20 1.76 0.00	54.10 1.90 0.00	60.18 2.09 0.00	58.31 2.32 0.00	55.22 2.78 -1.64	58.69 3.42 0.00	51.27 3.12 -2.64	53.99 3.31 0.00	53.63 3.06 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.05 3.43 0.00	81.48 5.20 0.00	53.92 3.96 0.00	52.70 4.00 0.00	53.21 3.29 0.00	53.00 2.22 0.00	51.31 1.87 0.00	48.69 1.95 0.00	54.61 2.40 0.00
EAST_RIVER___2 323559	65.11 2.37 0.00	59.73 2.11 0.00	57.59 1.99 0.00	53.81 1.88 0.00	54.25 1.81 0.00	54.17 1.97 0.00	60.33 2.25 0.00	58.49 2.50 0.00	55.42 2.98 -1.64	58.92 3.65 0.00	51.43 3.28 -2.64	54.14 3.46 0.00	53.80 3.22 0.00	54.54 3.09 0.00	54.68 3.31 0.00	60.24 3.63 0.00	81.72 5.44 0.00	54.07 4.12 0.00	52.82 4.12 0.00	53.36 3.45 0.00	53.13 2.34 0.00	51.47 2.03 0.00	48.81 2.08 0.00	54.74 2.53 0.00
EAST___DELAWARE_HYD 23607	63.59 0.84 0.00	58.30 0.68 0.00	56.14 0.53 0.00	52.47 0.54 0.00	52.99 0.55 0.00	52.88 0.69 0.00	58.83 0.75 0.00	56.92 0.92 0.00	51.43 1.12 0.49	56.67 1.40 0.00	46.01 1.28 0.79	52.15 1.47 0.00	52.02 1.45 0.00	52.78 1.33 0.00	52.93 1.56 0.00	58.34 1.73 0.00	79.26 2.98 0.00	52.54 2.60 0.00	51.54 2.85 0.00	52.19 2.27 0.00	52.21 1.42 0.00	50.46 1.01 0.00	47.64 0.91 0.00	53.26 1.05 0.00
EIGHT_POINT___WT_PWR 323820	62.85 0.11 0.00	56.88 -0.74 0.00	55.68 0.07 0.00	52.13 0.19 0.00	52.86 0.42 0.00	52.41 0.21 0.00	58.87 0.78 0.00	56.80 0.80 0.00	51.37 0.57 0.00	55.89 0.62 0.00	45.61 0.09 0.00	51.29 0.61 0.00	50.17 -0.40 0.00	51.33 -0.12 0.00	51.47 0.11 0.00	57.13 0.52 0.00	77.82 1.54 0.00	51.94 1.99 0.00	51.41 2.71 0.00	52.34 2.43 0.00	52.75 1.96 0.00	50.70 1.25 0.00	47.79 1.06 0.00	52.82 0.61 0.00
ELBRIDGE_115KV_TB2 80188	62.37 -0.37 0.00	57.16 -0.46 0.00	55.16 -0.44 0.00	51.40 -0.54 0.00	51.94 -0.50 0.00	51.69 -0.51 0.00	57.62 -0.46 0.00	55.54 -0.45 0.00	50.33 -0.47 0.00	54.71 -0.56 0.00	44.92 -0.60 0.00	50.13 -0.55 0.00	49.97 -0.60 0.00	50.93 -0.51 0.00	50.96 -0.41 0.00	56.20 -0.42 0.00	75.96 -0.32 0.00	49.94 -0.01 0.00	48.97 0.27 0.00	49.99 0.07 0.00	50.68 -0.11 0.00	49.08 -0.36 0.00	46.37 -0.36 0.00	51.61 -0.60 0.00
ELEC_TRO_TEK 24086	64.36 1.62 0.00	59.46 1.83 0.00	57.64 2.04 0.00	53.87 1.94 0.00	54.45 2.01 0.00	54.44 2.24 0.00	60.07 1.99 0.00	58.44 2.44 0.00	55.48 3.05 -1.62	58.61 3.34 0.00	52.56 3.27 -3.77	54.17 3.37 -0.12	53.78 3.21 0.00	54.57 3.12 0.00	54.76 3.39 0.00	60.13 3.51 0.00	81.29 5.01 0.00	53.96 4.01 0.00	52.96 4.27 0.00	53.37 3.46 0.00	52.73 1.95 0.00	51.21 1.77 0.00	48.48 1.74 0.00	54.39 2.19 0.00
ELLENBURG_WT_PWR 323604	62.90 0.16 0.00	57.79 0.17 0.00	55.84 0.24 0.00	52.12 0.18 0.00	52.53 0.09 0.00	52.31 0.11 0.00	58.24 0.16 0.00	56.14 0.15 0.00	50.95 0.14 0.00	55.44 0.17 0.00	45.64 0.13 0.00	50.75 0.07 0.00	50.77 0.20 0.00	51.75 0.31 0.00	51.48 0.11 0.00	56.65 0.03 0.00	76.29 0.01 0.00	49.57 -0.38 0.00	48.14 -0.56 0.00	49.65 -0.27 0.00	50.76 -0.03 0.00	49.66 0.21 0.00	47.05 0.31 0.00	52.55 0.34 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	63.75 1.01 0.00	58.33 0.71 0.00	56.34 0.74 0.00	52.33 0.39 0.00	52.93 0.49 0.00	52.30 0.11 0.00	58.49 0.40 0.00	56.06 0.07 0.00	50.93 0.13 0.00	55.38 0.10 0.00	45.80 0.28 0.00	51.30 0.62 0.00	50.60 0.03 0.00	52.35 0.90 0.00	52.47 1.10 0.00	57.88 1.27 0.00	77.83 1.55 0.00	51.03 1.08 0.00	49.53 0.84 0.00	50.12 0.20 0.00	50.90 0.11 0.00	49.22 -0.23 0.00	46.75 0.02 0.00	51.90 -0.31 0.00
EMPIRE_CC_1 323656	62.86 0.12 0.00	58.05 0.43 0.00	56.05 0.45 0.00	52.49 0.56 0.00	53.08 0.64 0.00	52.76 0.57 0.00	58.62 0.53 0.00	56.27 0.27 0.00	51.23 0.13 -0.30	55.30 0.03 0.00	45.98 -0.03 -0.48	50.36 -0.32 0.00	50.57 0.00 0.00	51.22 -0.23 0.00	51.03 -0.33 0.00	56.31 -0.31 0.00	75.81 -0.47 0.00	50.03 0.08 0.00	48.93 0.23 0.00	49.94 0.02 0.00	50.67 -0.12 0.00	49.40 -0.04 0.00	46.56 -0.18 0.00	52.29 0.07 0.00
EMPIRE_CC_2 323658	62.86 0.12 0.00	58.05 0.43 0.00	56.05 0.45 0.00	52.49 0.56 0.00	53.08 0.64 0.00	52.76 0.57 0.00	58.62 0.53 0.00	56.27 0.27 0.00	51.23 0.13 -0.30	55.30 0.03 0.00	45.98 -0.03 -0.48	50.36 -0.32 0.00	50.57 0.00 0.00	51.22 -0.23 0.00	51.03 -0.33 0.00	56.31 -0.31 0.00	75.81 -0.47 0.00	50.03 0.08 0.00	48.93 0.23 0.00	49.94 0.02 0.00	50.67 -0.12 0.00	49.40 -0.04 0.00	46.56 -0.18 0.00	52.29 0.07 0.00
ENORWICH_115KV_TB1 80156	67.22 4.48 0.00	61.44 3.82 0.00	59.09 3.49 0.00	54.95 3.02 0.00	55.55 3.11 0.00	55.41 3.21 0.00	62.06 3.97 0.00	59.36 3.37 0.00	53.51 2.70 0.00	57.93 2.66 0.00	47.04 1.52 0.00	52.33 1.65 0.00	51.72 1.15 0.00	52.39 0.94 0.00	51.98 0.61 0.00	57.17 0.56 0.00	78.43 2.15 0.00	52.06 2.11 0.00	52.67 3.97 0.00	54.40 4.48 0.00	54.62 3.83 0.00	52.81 3.37 0.00	49.44 2.70 0.00	54.97 2.76 0.00
ERIE_ST__34_KV_TB1-2 80199	64.70 1.96 0.00	59.13 1.51 0.00	57.07 1.47 0.00	52.97 1.03 0.00	53.57 1.13 0.00	52.93 0.73 0.00	59.22 1.13 0.00	56.78 0.78 0.00	51.60 0.80 0.00	56.02 0.75 0.00	46.43 0.91 0.00	51.97 1.28 0.00	51.37 0.80 0.00	53.31 1.86 0.00	53.46 2.09 0.00	58.94 2.32 0.00	79.14 2.86 0.00	51.86 1.91 0.00	50.26 1.56 0.00	50.77 0.86 0.00	51.69 0.91 0.00	50.05 0.60 0.00	47.51 0.78 0.00	52.64 0.43 0.00
ERIE_WT_PWR 323693	47.63 1.43 16.54	41.90 1.08 16.81	47.28 1.12 9.44	47.35 0.71 5.30	47.59 0.80 5.64	44.17 0.42 8.45	47.24 0.77 11.61	49.22 0.41 7.19	43.97 0.45 7.28	55.20 0.43 0.50	43.72 0.51 2.32	51.61 0.93 0.00	50.94 0.37 0.00	52.30 1.24 0.38	52.53 1.44 0.27	57.35 1.64 0.91	78.36 2.08 0.00	51.40 1.46 0.00	49.90 1.21 0.00	50.47 0.56 0.00	49.12 0.53 2.20	45.17 0.17 4.45	41.25 0.38 5.86	47.82 0.04 4.44
ESPRGFLD_115KV_TB1 80157	64.79 2.05 0.00	59.43 1.80 0.00	57.25 1.65 0.00	53.46 1.53 0.00	54.03 1.59 0.00	53.84 1.64 0.00	59.99 1.90 0.00	57.87 1.87 0.00	52.52 1.71 0.00	57.21 1.94 0.00	47.07 1.55 0.00	52.45 1.77 0.00	52.30 1.73 0.00	53.21 1.76 0.00	53.06 1.69 0.00	58.47 1.86 0.00	79.30 3.02 0.00	52.42 2.47 0.00	51.55 2.85 0.00	52.47 2.55 0.00	52.93 2.14 0.00	51.24 1.80 0.00	48.25 1.52 0.00	53.87 1.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	63.95 1.20 0.00	58.50 0.88 0.00	56.42 0.82 0.00	52.58 0.64 0.00	53.12 0.68 0.00	52.87 0.68 0.00	59.01 0.92 0.00	56.84 0.85 0.00	51.38 0.58 0.00	55.82 0.55 0.00	45.66 0.15 0.00	50.85 0.17 0.00	50.60 0.03 0.00	51.47 0.02 0.00	51.49 0.12 0.00	56.81 0.19 0.00	77.11 0.83 0.00	50.93 0.98 0.00	50.37 1.68 0.00	51.55 1.63 0.00	52.13 1.34 0.00	50.40 0.96 0.00	47.49 0.76 0.00	52.82 0.61 0.00
ETNA____115KV_TB2 80207	63.95 1.20 0.00	58.50 0.88 0.00	56.42 0.82 0.00	52.58 0.64 0.00	53.12 0.68 0.00	52.87 0.68 0.00	59.01 0.92 0.00	56.84 0.85 0.00	51.38 0.58 0.00	55.82 0.55 0.00	45.66 0.15 0.00	50.85 0.17 0.00	50.60 0.03 0.00	51.47 0.02 0.00	51.49 0.12 0.00	56.81 0.19 0.00	77.11 0.83 0.00	50.93 0.98 0.00	50.37 1.68 0.00	51.55 1.63 0.00	52.13 1.34 0.00	50.40 0.96 0.00	47.49 0.76 0.00	52.82 0.61 0.00
EUCLID__115KV_TB2 356179	61.94 -0.80 0.00	56.81 -0.81 0.00	54.76 -0.84 0.00	51.10 -0.84 0.00	51.61 -0.83 0.00	51.36 -0.84 0.00	57.23 -0.85 0.00	55.17 -0.82 0.00	50.03 -0.78 0.00	54.39 -0.88 0.00	44.78 -0.74 0.00	49.97 -0.71 0.00	49.77 -0.81 0.00	50.75 -0.71 0.00	50.74 -0.62 0.00	55.94 -0.67 0.00	75.57 -0.71 0.00	49.68 -0.27 0.00	48.57 -0.12 0.00	49.58 -0.33 0.00	50.28 -0.51 0.00	48.78 -0.67 0.00	46.05 -0.68 0.00	51.33 -0.88 0.00
EXCELSIOR__SOLAR 323857	52.60 0.18 10.31	47.15 0.00 10.48	49.72 0.01 5.89	48.40 -0.23 3.30	48.73 -0.18 3.52	46.49 -0.44 5.27	50.56 -0.29 7.24	50.98 -0.53 4.48	45.82 -0.45 4.54	54.42 -0.54 0.31	43.78 -0.30 1.44	50.59 -0.09 0.00	50.12 -0.45 0.00	51.38 0.18 0.24	51.52 0.32 0.17	56.49 0.45 0.56	76.77 0.49 0.00	50.34 0.39 0.00	48.93 0.22 0.00	49.63 -0.28 0.00	49.00 -0.42 1.37	46.01 -0.67 2.77	42.61 -0.47 3.66	48.68 -0.77 2.76
E_CANADA_CAP_HY 24051	65.98 3.24 0.00	60.25 2.63 0.00	58.04 2.43 0.00	54.18 2.24 0.00	54.63 2.19 0.00	54.60 2.40 0.00	60.97 2.88 0.00	58.70 2.70 0.00	52.48 1.68 0.00	56.72 1.45 0.00	46.84 1.33 0.00	51.95 1.27 0.00	51.90 1.33 0.00	52.96 1.51 0.00	52.45 1.09 0.00	57.62 1.01 0.00	77.73 1.45 0.00	51.04 1.09 0.00	50.48 1.78 0.00	52.55 2.63 0.00	53.60 2.81 0.00	52.17 2.72 0.00	49.27 2.53 0.00	54.99 2.78 0.00
E_CANADA_MHWK_HY 24050	63.58 0.84 0.00	58.49 0.87 0.00	56.37 0.76 0.00	52.75 0.81 0.00	53.41 0.97 0.00	53.07 0.87 0.00	59.00 0.92 0.00	56.55 0.56 0.00	50.28 -0.52 0.00	53.92 -1.35 0.00	44.24 -1.28 0.00	49.19 -1.49 0.00	49.25 -1.32 0.00	49.89 -1.56 0.00	49.67 -1.69 0.00	54.73 -1.89 0.00	74.23 -2.05 0.00	49.50 -0.45 0.00	49.34 0.65 0.00	50.79 0.87 0.00	51.45 0.67 0.00	50.12 0.67 0.00	47.17 0.44 0.00	52.81 0.59 0.00
E_FISHKILL__LBMP 23776	64.10 1.36 0.00	58.88 1.26 0.00	56.77 1.17 0.00	53.10 1.16 0.00	53.64 1.20 0.00	53.53 1.34 0.00	59.50 1.41 0.00	57.52 1.53 0.00	53.11 1.83 -0.48	57.53 2.26 0.00	48.36 2.07 -0.77	52.90 2.22 0.00	52.70 2.13 0.00	53.45 2.00 0.00	53.53 2.16 0.00	58.97 2.36 0.00	79.95 3.67 0.00	52.87 2.93 0.00	51.75 3.05 0.00	52.33 2.42 0.00	52.32 1.53 0.00	50.67 1.23 0.00	47.95 1.21 0.00	53.73 1.52 0.00
FALCON__SEABRD_CC1 323796	64.26 1.52 0.00	59.02 1.40 0.00	56.95 1.35 0.00	53.33 1.40 0.00	53.79 1.35 0.00	53.52 1.33 0.00	59.66 1.58 0.00	57.34 1.34 0.00	51.93 1.12 0.00	56.47 1.20 0.00	46.45 0.93 0.00	51.56 0.88 0.00	51.88 1.31 0.00	52.93 1.48 0.00	52.65 1.29 0.00	57.82 1.20 0.00	77.28 1.00 0.00	50.22 0.27 0.00	48.76 0.06 0.00	50.18 0.26 0.00	51.28 0.50 0.00	50.23 0.79 0.00	47.54 0.80 0.00	53.10 0.89 0.00

FALCON___SEABRD_CC2 323797	64.26 1.52 0.00	59.02 1.40 0.00	56.95 1.35 0.00	53.33 1.40 0.00	53.79 1.35 0.00	53.52 1.33 0.00	59.66 1.58 0.00	57.34 1.34 0.00	51.93 1.12 0.00	56.47 1.20 0.00	46.45 0.93 0.00	51.56 0.88 0.00	51.88 1.31 0.00	52.93 1.48 0.00	52.65 1.29 0.00	57.82 1.20 0.00	77.28 1.00 0.00	50.22 0.27 0.00	48.76 0.06 0.00	50.18 0.26 0.00	51.28 0.50 0.00	50.23 0.79 0.00	47.54 0.80 0.00	53.10 0.89 0.00
FAR ROCKAWAY___4 23548	65.61 2.87 0.00	60.52 2.90 0.00	58.66 3.05 0.00	54.78 2.85 0.00	55.36 2.93 0.00	55.32 3.13 0.00	61.06 2.98 0.00	59.39 3.40 0.00	56.40 3.97 -1.62	59.67 4.40 0.00	53.50 4.21 -3.77	55.31 4.51 -0.12	54.74 4.17 0.00	55.39 3.94 0.00	55.64 4.27 0.00	61.12 4.51 0.00	82.63 6.35 0.00	54.87 4.92 0.00	53.86 5.16 0.00	54.22 4.30 0.00	53.54 2.76 0.00	51.94 2.50 0.00	49.30 2.57 0.00	55.42 3.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	64.99 2.25 0.00	59.64 2.02 0.00	57.48 1.88 0.00	53.72 1.78 0.00	54.24 1.80 0.00	54.15 1.95 0.00	60.21 2.12 0.00	58.34 2.34 0.00	55.26 2.82 -1.64	58.71 3.44 0.00	51.31 3.15 -2.64	54.02 3.34 0.00	53.66 3.09 0.00	54.41 2.96 0.00	54.53 3.17 0.00	60.09 3.48 0.00	81.55 5.27 0.00	53.95 4.00 0.00	52.74 4.04 0.00	53.23 3.32 0.00	53.03 2.25 0.00	51.35 1.91 0.00	48.70 1.97 0.00	54.64 2.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	64.99 2.25 0.00	59.64 2.02 0.00	57.48 1.88 0.00	53.72 1.79 0.00	54.24 1.80 0.00	54.15 1.95 0.00	60.22 2.14 0.00	58.34 2.34 0.00	55.24 2.80 -1.64	58.70 3.43 0.00	51.30 3.14 -2.64	54.02 3.34 0.00	53.66 3.08 0.00	54.39 2.94 0.00	54.52 3.15 0.00	60.07 3.46 0.00	81.54 5.26 0.00	53.94 3.99 0.00	52.74 4.04 0.00	53.23 3.32 0.00	53.04 2.25 0.00	51.35 1.91 0.00	48.71 1.98 0.00	54.66 2.44 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	64.94 2.20 0.00	59.60 1.97 0.00	57.44 1.84 0.00	53.68 1.74 0.00	54.20 1.77 0.00	54.11 1.92 0.00	60.19 2.10 0.00	58.32 2.33 0.00	55.22 2.78 -1.64	58.68 3.41 0.00	51.28 3.12 -2.64	53.99 3.31 0.00	53.62 3.05 0.00	54.36 2.92 0.00	54.49 3.12 0.00	60.04 3.43 0.00	81.48 5.20 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.18 3.27 0.00	52.99 2.20 0.00	51.30 1.86 0.00	48.66 1.93 0.00	54.60 2.39 0.00
FARRAGUT___LBMP 323566	64.87 2.13 0.00	59.53 1.91 0.00	57.37 1.77 0.00	53.62 1.69 0.00	54.15 1.71 0.00	54.06 1.87 0.00	60.12 2.03 0.00	58.24 2.25 0.00	55.16 2.72 -1.64	58.59 3.32 0.00	51.20 3.05 -2.64	53.91 3.23 0.00	53.55 2.98 0.00	54.29 2.84 0.00	54.41 3.05 0.00	59.96 3.34 0.00	81.35 5.07 0.00	53.83 3.88 0.00	52.64 3.94 0.00	53.13 3.22 0.00	52.93 2.14 0.00	51.25 1.80 0.00	48.62 1.88 0.00	54.56 2.35 0.00
FARRCKWY_69_KV_BK2 55825	65.61 2.87 0.00	60.52 2.90 0.00	58.66 3.05 0.00	54.78 2.85 0.00	55.36 2.93 0.00	55.32 3.13 0.00	61.06 2.98 0.00	59.39 3.40 0.00	56.40 3.97 -1.62	59.67 4.40 0.00	53.50 4.21 -3.77	55.31 4.51 -0.12	54.74 4.17 0.00	55.39 3.94 0.00	55.64 4.27 0.00	61.12 4.51 0.00	82.63 6.35 0.00	54.87 4.92 0.00	53.86 5.16 0.00	54.22 4.30 0.00	53.54 2.76 0.00	51.94 2.50 0.00	49.30 2.57 0.00	55.42 3.20 0.00
FENNER___WINDPWR 24204	64.00 1.27 0.00	58.68 1.06 0.00	56.55 0.95 0.00	52.76 0.83 0.00	53.29 0.86 0.00	53.11 0.91 0.00	59.20 1.12 0.00	57.03 1.04 0.00	51.58 0.77 0.00	55.88 0.61 0.00	45.86 0.34 0.00	51.11 0.43 0.00	50.91 0.33 0.00	51.84 0.39 0.00	51.75 0.38 0.00	57.04 0.43 0.00	77.23 0.95 0.00	50.90 0.95 0.00	50.05 1.35 0.00	51.42 1.51 0.00	52.12 1.34 0.00	50.50 1.06 0.00	47.61 0.87 0.00	53.09 0.87 0.00
FIBERTEK___ENERGY 23856	62.65 -0.09 0.00	57.63 0.01 0.00	55.72 0.11 0.00	51.82 -0.12 0.00	52.15 -0.28 0.00	51.92 -0.28 0.00	57.88 -0.20 0.00	55.79 -0.20 0.00	50.50 -0.30 0.00	54.88 -0.39 0.00	45.11 -0.41 0.00	50.37 -0.32 0.00	50.17 -0.40 0.00	51.16 -0.28 0.00	51.16 -0.21 0.00	56.44 -0.17 0.00	76.31 0.02 0.00	50.16 0.21 0.00	49.16 0.46 0.00	50.20 0.28 0.00	50.88 0.10 0.00	49.33 -0.11 0.00	46.57 -0.17 0.00	51.86 -0.36 0.00
FITZPATRICK____ 23598	60.93 -1.81 0.00	55.91 -1.71 0.00	53.92 -1.68 0.00	50.31 -1.63 0.00	50.82 -1.62 0.00	50.59 -1.61 0.00	56.33 -1.75 0.00	54.32 -1.67 0.00	49.25 -1.55 0.00	53.55 -1.72 0.00	44.09 -1.43 0.00	49.12 -1.56 0.00	48.98 -1.60 0.00	49.89 -1.56 0.00	49.89 -1.48 0.00	54.98 -1.63 0.00	74.20 -2.08 0.00	48.74 -1.21 0.00	47.64 -1.05 0.00	48.67 -1.25 0.00	49.40 -1.38 0.00	47.98 -1.47 0.00	45.33 -1.40 0.00	50.58 -1.64 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	65.13 2.39 0.00	59.75 2.13 0.00	57.54 1.94 0.00	53.79 1.86 0.00	54.33 1.89 0.00	54.22 2.03 0.00	60.33 2.25 0.00	58.35 2.35 0.00	53.35 2.55 0.00	58.34 3.06 0.00	48.25 2.73 0.00	53.71 3.03 0.00	53.55 2.97 0.00	54.33 2.88 0.00	54.47 3.11 0.00	60.05 3.44 0.00	81.54 5.26 0.00	53.96 4.01 0.00	52.80 4.10 0.00	53.37 3.46 0.00	53.33 2.54 0.00	51.58 2.13 0.00	48.73 2.00 0.00	54.51 2.30 0.00
FORT ORANGE____ 23900	62.98 0.24 0.00	58.01 0.39 0.00	55.97 0.37 0.00	52.36 0.42 0.00	52.92 0.48 0.00	52.69 0.50 0.00	58.57 0.48 0.00	56.36 0.37 0.00	51.05 0.25 0.00	55.30 0.03 0.00	45.57 0.05 0.00	50.58 -0.10 0.00	50.65 0.07 0.00	51.37 -0.08 0.00	51.26 -0.10 0.00	56.59 -0.02 0.00	76.48 0.20 0.00	50.51 0.56 0.00	49.48 0.78 0.00	50.50 0.59 0.00	51.15 0.36 0.00	49.69 0.24 0.00	46.85 0.11 0.00	52.47 0.26 0.00
FORT_DRUM_COGEN 23780	64.76 2.02 0.00	59.63 2.01 0.00	57.46 1.86 0.00	53.55 1.61 0.00	54.13 1.69 0.00	54.05 1.86 0.00	60.38 2.30 0.00	58.00 2.01 0.00	51.88 1.08 0.00	55.73 0.47 0.00	45.44 -0.08 0.00	50.59 -0.09 0.00	50.33 -0.24 0.00	51.42 -0.03 0.00	51.35 -0.02 0.00	56.07 -0.54 0.00	76.69 0.41 0.00	50.88 0.93 0.00	50.39 1.69 0.00	52.21 2.30 0.00	53.44 2.66 0.00	51.89 2.45 0.00	48.46 1.73 0.00	54.03 1.82 0.00
FOX_HILLS___ESR 323835	32.46 2.28 32.55	32.45 2.05 27.22	32.46 1.89 25.03	32.40 1.80 21.33	32.38 1.79 21.85	32.45 2.00 21.75	32.50 2.16 27.75	35.86 2.35 22.49	-834.37 2.78 887.94	-696.79 3.28 755.34	-696.68 3.09 745.28	-1566.96 3.19 1620.83	-11.39 2.98 64.94	49.24 2.84 5.04	50.82 3.08 3.62	50.86 3.33 9.08	51.26 5.08 30.10	50.97 3.89 2.87	50.63 3.94 2.01	48.16 3.29 5.05	32.21 2.23 20.81	32.27 1.93 19.10	32.25 1.95 16.44	32.29 2.43 22.35
FPL FAR_ROCK_GT1 24212	65.61 2.87 0.00	60.51 2.89 0.00	58.63 3.02 0.00	54.78 2.84 0.00	55.35 2.92 0.00	55.31 3.12 0.00	61.04 2.96 0.00	59.38 3.39 0.00	56.40 3.97 -1.62	59.67 4.39 0.00	53.50 4.21 -3.77	55.31 4.51 -0.12	54.74 4.17 0.00	55.39 3.94 0.00	55.63 4.27 0.00	61.12 4.51 0.00	82.65 6.37 0.00	54.87 4.92 0.00	53.86 5.16 0.00	54.22 4.30 0.00	53.54 2.76 0.00	51.94 2.49 0.00	49.30 2.56 0.00	55.42 3.20 0.00

FPL FAR_ROCK_GT2 23815	65.61 2.87 0.00	60.51 2.89 0.00	58.63 3.02 0.00	54.78 2.84 0.00	55.35 2.92 0.00	55.31 3.12 0.00	61.04 2.96 0.00	59.38 3.39 0.00	56.40 3.97 -1.62	59.67 4.39 0.00	53.50 4.21 -3.77	55.31 4.51 -0.12	54.74 4.17 0.00	55.39 3.94 0.00	55.63 4.27 0.00	61.12 4.51 0.00	82.65 6.37 0.00	54.87 4.92 0.00	53.86 5.16 0.00	54.22 4.30 0.00	53.54 2.76 0.00	51.94 2.49 0.00	49.30 2.56 0.00	55.42 3.20 0.00
FRANKLIN_FALL_HYD 24054	63.55 0.81 0.00	58.33 0.71 0.00	56.33 0.73 0.00	52.56 0.63 0.00	52.95 0.52 0.00	52.77 0.58 0.00	58.81 0.73 0.00	56.77 0.77 0.00	51.54 0.73 0.00	55.90 0.63 0.00	46.03 0.51 0.00	51.21 0.53 0.00	51.22 0.64 0.00	52.35 0.90 0.00	51.98 0.61 0.00	57.26 0.64 0.00	77.19 0.91 0.00	50.19 0.24 0.00	48.84 0.14 0.00	50.40 0.49 0.00	51.47 0.69 0.00	50.33 0.89 0.00	47.62 0.88 0.00	53.10 0.88 0.00
FREEPORT_EQUS_GT1 23764	64.78 2.04 0.00	59.89 2.26 0.00	58.08 2.48 0.00	54.30 2.36 0.00	54.88 2.44 0.00	54.90 2.70 0.00	60.46 2.37 0.00	58.88 2.89 0.00	55.96 3.53 -1.62	59.10 3.83 0.00	53.04 3.74 -3.77	54.70 3.90 -0.12	54.28 3.71 0.00	55.11 3.67 0.00	55.36 3.99 0.00	60.77 4.15 0.00	82.11 5.83 0.00	54.58 4.63 0.00	53.55 4.85 0.00	53.91 3.99 0.00	53.20 2.42 0.00	51.66 2.22 0.00	48.88 2.15 0.00	54.82 2.61 0.00
FREEPORT___CT2 23818	64.78 2.04 0.00	59.89 2.26 0.00	58.08 2.48 0.00	54.30 2.36 0.00	54.88 2.44 0.00	54.90 2.70 0.00	60.46 2.37 0.00	58.88 2.89 0.00	55.96 3.53 -1.62	59.10 3.83 0.00	53.04 3.74 -3.77	54.70 3.90 -0.12	54.28 3.71 0.00	55.11 3.67 0.00	55.36 3.99 0.00	60.77 4.15 0.00	82.11 5.83 0.00	54.58 4.63 0.00	53.55 4.85 0.00	53.91 3.99 0.00	53.20 2.42 0.00	51.66 2.22 0.00	48.88 2.15 0.00	54.82 2.61 0.00
FRESHKLS_33_KV_LOAD 356253	32.61 2.42 32.55	32.61 2.21 27.22	32.63 2.06 25.03	32.54 1.94 21.33	32.53 1.94 21.85	32.56 2.11 21.75	32.65 2.31 27.75	35.98 2.47 22.49	-834.29 2.85 887.94	-696.74 3.33 755.34	-696.62 3.14 745.28	-1566.89 3.26 1620.83	-11.31 3.06 64.94	49.36 2.94 5.04	50.93 3.19 3.62	50.97 3.44 9.08	51.41 5.24 30.10	51.07 4.00 2.87	50.74 4.05 2.01	48.30 3.43 5.05	32.37 2.39 20.81	32.43 2.08 19.10	32.36 2.06 16.44	32.42 2.55 22.35
FULTON COGEN____ 23766	61.72 -1.02 0.00	56.55 -1.07 0.00	54.54 -1.06 0.00	50.92 -1.02 0.00	51.42 -1.02 0.00	51.19 -1.00 0.00	57.04 -1.05 0.00	55.01 -0.99 0.00	49.83 -0.98 0.00	54.11 -1.16 0.00	44.50 -1.02 0.00	49.59 -1.09 0.00	49.42 -1.15 0.00	50.34 -0.99 0.00	50.37 -1.09 0.00	55.52 -1.09 0.00	74.93 -1.35 0.00	49.32 -0.63 0.00	48.29 -0.41 0.00	49.42 -0.50 0.00	50.13 -0.66 0.00	48.66 -0.79 0.00	45.91 -0.82 0.00	51.19 -1.02 0.00
FULTON___LFGE 323630	65.87 3.13 0.00	60.26 2.64 0.00	58.05 2.45 0.00	54.20 2.26 0.00	54.71 2.27 0.00	54.62 2.43 0.00	60.95 2.86 0.00	58.53 2.54 0.00	51.82 1.02 0.00	55.65 0.38 0.00	45.76 0.25 0.00	50.90 0.22 0.00	50.98 0.40 0.00	51.82 0.38 0.00	51.36 -0.01 0.00	56.81 0.19 0.00	77.46 1.18 0.00	50.92 0.97 0.00	50.69 1.99 0.00	52.70 2.78 0.00	53.67 2.88 0.00	52.14 2.70 0.00	49.15 2.41 0.00	54.87 2.65 0.00
G.F.CEMENT___DRP 24184	65.45 2.71 0.00	60.21 2.59 0.00	58.17 2.57 0.00	54.39 2.45 0.00	54.95 2.51 0.00	54.67 2.47 0.00	60.84 2.76 0.00	58.24 2.25 0.00	52.21 1.40 0.00	56.32 1.05 0.00	45.87 0.35 0.00	50.74 0.06 0.00	51.23 0.65 0.00	52.08 0.63 0.00	51.77 0.41 0.00	57.43 0.82 0.00	78.26 1.98 0.00	51.91 1.96 0.00	51.18 2.48 0.00	52.38 2.47 0.00	53.22 2.43 0.00	51.71 2.26 0.00	48.52 1.79 0.00	54.45 2.23 0.00
GARDENVILLE___LBMP 24039	63.88 1.14 0.00	58.43 0.81 0.00	56.43 0.83 0.00	52.43 0.49 0.00	53.02 0.58 0.00	52.41 0.21 0.00	58.61 0.53 0.00	56.20 0.21 0.00	51.05 0.25 0.00	55.53 0.26 0.00	45.89 0.38 0.00	51.43 0.75 0.00	50.70 0.13 0.00	52.43 0.99 0.00	52.56 1.20 0.00	57.99 1.38 0.00	78.04 1.76 0.00	51.21 1.26 0.00	49.75 1.05 0.00	50.32 0.41 0.00	51.11 0.32 0.00	49.40 -0.04 0.00	46.90 0.17 0.00	52.05 -0.16 0.00
GARDNVLA_35_KV_LD 355827	64.32 1.58 0.00	58.81 1.19 0.00	56.78 1.18 0.00	52.74 0.80 0.00	53.32 0.88 0.00	52.69 0.49 0.00	58.93 0.85 0.00	56.50 0.50 0.00	51.32 0.52 0.00	55.79 0.52 0.00	46.16 0.64 0.00	51.71 1.03 0.00	51.04 0.47 0.00	52.83 1.38 0.00	52.98 1.61 0.00	58.45 1.84 0.00	78.60 2.31 0.00	51.53 1.59 0.00	50.00 1.31 0.00	50.56 0.65 0.00	51.40 0.61 0.00	49.71 0.26 0.00	47.21 0.47 0.00	52.36 0.14 0.00
GELCKHM___115KV_LOAD 80723	62.28 -0.46 0.00	56.94 -0.69 0.00	54.85 -0.75 0.00	51.24 -0.69 0.00	51.86 -0.58 0.00	51.63 -0.57 0.00	57.54 -0.55 0.00	55.48 -0.52 0.00	50.25 -0.56 0.00	54.63 -0.65 0.00	44.96 -0.56 0.00	50.17 -0.51 0.00	49.99 -0.58 0.00	50.96 -0.49 0.00	50.96 -0.41 0.00	56.20 -0.41 0.00	75.95 -0.33 0.00	49.92 -0.03 0.00	48.86 0.17 0.00	49.87 -0.04 0.00	50.56 -0.23 0.00	49.04 -0.40 0.00	46.29 -0.44 0.00	51.59 -0.62 0.00
GENERAL___MILLS 23808	64.13 1.39 0.00	58.65 1.02 0.00	56.64 1.04 0.00	52.61 0.67 0.00	53.20 0.76 0.00	52.58 0.39 0.00	58.80 0.71 0.00	56.37 0.37 0.00	51.20 0.40 0.00	55.67 0.40 0.00	46.03 0.51 0.00	51.57 0.89 0.00	50.89 0.31 0.00	52.67 1.22 0.00	52.80 1.43 0.00	58.23 1.62 0.00	78.34 2.06 0.00	51.38 1.43 0.00	49.87 1.17 0.00	50.43 0.52 0.00	51.26 0.47 0.00	49.57 0.13 0.00	47.08 0.34 0.00	52.21 0.00 0.00
GE_PLASTICS___DRP 24183	62.79 0.05 0.00	57.89 0.27 0.00	55.86 0.26 0.00	52.25 0.31 0.00	52.80 0.37 0.00	52.57 0.37 0.00	58.43 0.35 0.00	56.25 0.26 0.00	51.04 0.24 0.00	55.44 0.17 0.00	45.69 0.17 0.00	50.73 0.05 0.00	50.76 0.19 0.00	51.49 0.04 0.00	51.39 0.03 0.00	56.73 0.11 0.00	76.57 0.29 0.00	50.50 0.55 0.00	49.40 0.70 0.00	50.34 0.43 0.00	50.97 0.19 0.00	49.55 0.10 0.00	46.75 0.02 0.00	52.37 0.15 0.00
GILBOA___1 23756	63.22 0.48 0.00	58.12 0.50 0.00	56.06 0.46 0.00	52.42 0.48 0.00	52.96 0.52 0.00	52.74 0.55 0.00	58.55 0.46 0.00	56.54 0.54 0.00	51.38 0.57 0.00	55.97 0.70 0.00	46.13 0.61 0.00	51.31 0.63 0.00	51.21 0.64 0.00	51.88 0.43 0.00	51.85 0.49 0.00	57.16 0.55 0.00	77.23 0.95 0.00	50.89 0.94 0.00	49.79 1.09 0.00	50.58 0.67 0.00	51.29 0.50 0.00	49.82 0.38 0.00	47.07 0.33 0.00	52.68 0.46 0.00
GILBOA___2 23757	63.22 0.48 0.00	58.12 0.50 0.00	56.06 0.46 0.00	52.42 0.48 0.00	52.96 0.52 0.00	52.74 0.55 0.00	58.55 0.46 0.00	56.54 0.54 0.00	51.38 0.57 0.00	55.97 0.70 0.00	46.13 0.61 0.00	51.31 0.63 0.00	51.21 0.64 0.00	51.88 0.43 0.00	51.85 0.49 0.00	57.16 0.55 0.00	77.23 0.95 0.00	50.89 0.94 0.00	49.79 1.09 0.00	50.58 0.67 0.00	51.29 0.50 0.00	49.82 0.38 0.00	47.07 0.33 0.00	52.68 0.46 0.00

GILBOA___3 23758	63.22 0.48 0.00	58.12 0.50 0.00	56.06 0.46 0.00	52.42 0.48 0.00	52.96 0.52 0.00	52.74 0.55 0.00	58.55 0.46 0.00	56.54 0.54 0.00	51.38 0.57 0.00	55.97 0.70 0.00	46.13 0.61 0.00	51.31 0.63 0.00	51.21 0.64 0.00	51.88 0.43 0.00	51.85 0.49 0.00	57.16 0.55 0.00	77.23 0.95 0.00	50.89 0.94 0.00	49.79 1.09 0.00	50.58 0.67 0.00	51.29 0.50 0.00	49.82 0.38 0.00	47.07 0.33 0.00	52.68 0.46 0.00
GILBOA___4 23759	63.22 0.48 0.00	58.12 0.50 0.00	56.06 0.46 0.00	52.42 0.48 0.00	52.96 0.52 0.00	52.74 0.55 0.00	58.55 0.46 0.00	56.54 0.54 0.00	51.38 0.57 0.00	55.97 0.70 0.00	46.13 0.61 0.00	51.31 0.63 0.00	51.21 0.64 0.00	51.88 0.43 0.00	51.85 0.49 0.00	57.16 0.55 0.00	77.23 0.95 0.00	50.89 0.94 0.00	49.79 1.09 0.00	50.58 0.67 0.00	51.29 0.50 0.00	49.82 0.38 0.00	47.07 0.33 0.00	52.68 0.46 0.00
GILBOA___ 23599	63.22 0.48 0.00	58.13 0.50 0.00	56.07 0.47 0.00	52.42 0.48 0.00	52.96 0.52 0.00	52.74 0.55 0.00	58.55 0.46 0.00	56.54 0.54 0.00	51.38 0.57 0.00	55.96 0.69 0.00	46.13 0.61 0.00	51.31 0.63 0.00	51.21 0.63 0.00	51.88 0.43 0.00	51.85 0.49 0.00	57.16 0.55 0.00	77.23 0.95 0.00	50.89 0.94 0.00	49.79 1.09 0.00	50.58 0.67 0.00	51.29 0.50 0.00	49.82 0.38 0.00	47.07 0.33 0.00	52.68 0.47 0.00
GINNA___ 23603	54.55 -1.93 6.26	49.28 -1.99 6.36	50.04 -1.99 3.58	47.89 -2.04 2.01	48.27 -2.03 2.14	46.84 -2.15 3.20	51.52 -2.18 4.39	51.01 -2.27 2.72	46.00 -2.05 2.76	52.82 -2.26 0.19	42.91 -1.73 0.88	48.97 -1.71 0.00	48.72 -1.85 0.00	49.88 -1.43 0.14	50.03 -1.24 0.10	55.04 -1.24 0.33	74.67 -1.61 0.00	48.95 -1.00 0.00	47.63 -1.07 0.00	48.37 -1.54 0.00	48.26 -1.73 0.80	45.89 -1.94 1.61	42.80 -1.81 2.13	48.31 -2.30 1.61
GLEN PARK___ 23778	64.85 2.11 0.00	59.69 2.06 0.00	57.50 1.91 0.00	53.58 1.65 0.00	54.16 1.72 0.00	54.10 1.90 0.00	60.45 2.37 0.00	58.06 2.06 0.00	51.88 1.08 0.00	55.70 0.43 0.00	45.39 -0.12 0.00	50.55 -0.13 0.00	50.30 -0.27 0.00	51.46 0.01 0.00	51.43 0.07 0.00	56.14 -0.47 0.00	76.96 0.68 0.00	51.02 1.07 0.00	50.55 1.86 0.00	52.36 2.44 0.00	53.59 2.80 0.00	52.02 2.58 0.00	48.57 1.83 0.00	54.12 1.90 0.00
GLENDALE_27_KV_LOAD 356172	65.19 2.45 0.00	59.84 2.21 0.00	57.64 2.04 0.00	53.90 1.96 0.00	54.42 1.98 0.00	54.38 2.19 0.00	60.47 2.38 0.00	58.61 2.62 0.00	55.56 3.12 -1.64	59.00 3.73 0.00	51.62 3.46 -2.64	54.26 3.58 0.00	53.91 3.34 0.00	54.64 3.19 0.00	54.79 3.43 0.00	60.36 3.75 0.00	81.87 5.59 0.00	54.16 4.21 0.00	52.92 4.22 0.00	53.42 3.50 0.00	53.22 2.44 0.00	51.57 2.12 0.00	48.88 2.14 0.00	54.83 2.61 0.00
GLENWOOD_IC_1_G5 23712	64.85 2.11 0.00	59.76 2.14 0.00	57.81 2.21 0.00	54.04 2.10 0.00	54.61 2.17 0.00	54.56 2.36 0.00	60.40 2.31 0.00	58.63 2.64 0.00	55.60 3.17 -1.62	58.90 3.63 0.00	52.78 3.49 -3.77	54.52 3.72 -0.12	54.12 3.54 0.00	54.89 3.44 0.00	54.77 3.41 0.00	60.23 3.62 0.00	81.52 5.23 0.00	54.05 4.10 0.00	52.95 4.25 0.00	53.36 3.45 0.00	52.88 2.09 0.00	51.24 1.80 0.00	48.50 1.76 0.00	54.68 2.47 0.00
GLENWOOD_IC_2_G1 23688	64.64 1.90 0.00	59.48 1.86 0.00	57.47 1.87 0.00	53.76 1.82 0.00	54.30 1.86 0.00	54.24 2.05 0.00	60.09 2.00 0.00	58.30 2.30 0.00	55.22 2.80 -1.62	58.53 3.26 0.00	52.41 3.11 -3.77	54.09 3.29 -0.12	53.69 3.12 0.00	54.45 3.00 0.00	54.59 3.22 0.00	60.05 3.44 0.00	81.34 5.06 0.00	53.90 3.95 0.00	52.79 4.09 0.00	53.26 3.34 0.00	52.91 2.12 0.00	51.27 1.83 0.00	48.51 1.77 0.00	54.44 2.22 0.00
GLENWOOD_IC_3_G1 23689	64.64 1.90 0.00	59.48 1.86 0.00	57.47 1.87 0.00	53.76 1.82 0.00	54.30 1.86 0.00	54.24 2.05 0.00	60.09 2.00 0.00	58.30 2.30 0.00	55.22 2.80 -1.62	58.53 3.26 0.00	52.41 3.11 -3.77	54.09 3.29 -0.12	53.69 3.12 0.00	54.45 3.00 0.00	54.59 3.22 0.00	60.05 3.44 0.00	81.34 5.06 0.00	53.90 3.95 0.00	52.79 4.09 0.00	53.26 3.34 0.00	52.91 2.12 0.00	51.27 1.83 0.00	48.51 1.77 0.00	54.44 2.22 0.00
GLENWOOD___4 23550	64.85 2.11 0.00	59.76 2.14 0.00	57.81 2.21 0.00	54.04 2.10 0.00	54.61 2.17 0.00	54.56 2.36 0.00	60.40 2.31 0.00	58.63 2.64 0.00	55.60 3.17 -1.62	58.90 3.63 0.00	52.78 3.49 -3.77	54.52 3.72 -0.12	54.12 3.54 0.00	54.90 3.45 0.00	54.89 3.52 0.00	60.36 3.75 0.00	81.70 5.42 0.00	54.17 4.22 0.00	53.06 4.36 0.00	53.47 3.56 0.00	53.01 2.22 0.00	51.35 1.91 0.00	48.59 1.86 0.00	54.68 2.47 0.00
GLENWOOD___5 23614	64.85 2.11 0.00	59.76 2.14 0.00	57.81 2.21 0.00	54.04 2.10 0.00	54.61 2.17 0.00	54.56 2.36 0.00	60.40 2.31 0.00	58.63 2.64 0.00	55.60 3.17 -1.62	58.90 3.63 0.00	52.78 3.49 -3.77	54.52 3.72 -0.12	54.12 3.54 0.00	54.90 3.45 0.00	54.89 3.52 0.00	60.36 3.75 0.00	81.70 5.42 0.00	54.17 4.22 0.00	53.06 4.36 0.00	53.47 3.56 0.00	53.01 2.22 0.00	51.35 1.91 0.00	48.59 1.86 0.00	54.68 2.47 0.00
GLOBAL GREEN_PORT_GT1 23814	65.44 2.70 0.00	60.61 2.99 0.00	59.36 3.76 0.00	55.46 3.52 0.00	56.40 3.96 0.00	56.57 4.37 0.00	62.17 4.09 0.00	60.78 4.78 0.00	58.19 5.77 -1.62	61.58 6.31 0.00	55.12 5.82 -3.77	56.59 5.79 -0.12	56.26 5.69 0.00	56.75 5.30 0.00	56.35 4.98 0.00	62.07 5.16 -0.30	87.84 6.83 -4.73	57.97 4.97 -3.04	53.21 4.51 0.00	53.35 3.44 0.00	53.93 3.14 0.00	52.68 3.23 0.00	49.52 2.78 0.00	55.26 3.05 0.00
GLOBE___DSASP 323697	62.24 -0.50 0.00	57.02 -0.60 0.00	55.09 -0.51 0.00	51.22 -0.72 0.00	51.78 -0.66 0.00	51.12 -1.08 0.00	56.96 -1.12 0.00	54.47 -1.52 0.00	49.51 -1.29 0.00	53.72 -1.55 0.00	44.59 -0.93 0.00	49.81 -0.87 0.00	49.24 -1.33 0.00	50.75 -0.70 0.00	50.82 -0.55 0.00	56.05 -0.56 0.00	75.02 -1.26 0.00	49.19 -0.76 0.00	47.61 -1.09 0.00	48.12 -1.79 0.00	48.88 -1.91 0.00	47.29 -2.16 0.00	45.08 -1.65 0.00	50.23 -1.99 0.00
GOETHSLN___LBMP 323567	32.12 1.93 32.55	32.11 1.71 27.22	32.12 1.55 25.03	32.09 1.48 21.33	32.10 1.51 21.85	32.10 1.65 21.75	32.11 1.77 27.75	35.51 2.01 22.49	-834.72 2.42 887.94	-697.02 3.05 755.34	-696.97 2.80 745.28	-1567.11 3.04 1620.83	-11.48 2.89 64.94	49.17 2.76 5.04	50.73 2.98 3.62	50.79 3.26 9.08	51.16 4.98 30.10	50.91 3.84 2.87	50.61 3.92 2.01	48.07 3.21 5.05	32.10 2.12 20.81	32.11 1.76 19.10	32.10 1.80 16.44	32.07 2.21 22.35
GOLAH___69_KV_TB 1_2 80279	64.90 2.16 0.00	59.40 1.78 0.00	57.25 1.65 0.00	53.29 1.35 0.00	53.74 1.30 0.00	53.24 1.04 0.00	59.49 1.40 0.00	57.07 1.07 0.00	51.66 0.86 0.00	55.99 0.72 0.00	46.14 0.62 0.00	51.58 0.90 0.00	51.24 0.67 0.00	52.79 1.34 0.00	52.97 1.60 0.00	58.71 2.10 0.00	78.87 2.59 0.00	51.86 1.91 0.00	50.28 1.58 0.00	51.03 1.12 0.00	51.79 1.01 0.00	50.09 0.65 0.00	47.40 0.67 0.00	52.68 0.46 0.00

GOODYEAR_LAKE_HYD 323669	64.39 1.65 0.00	59.08 1.46 0.00	56.95 1.35 0.00	53.19 1.25 0.00	53.75 1.31 0.00	53.56 1.36 0.00	59.63 1.54 0.00	57.52 1.53 0.00	52.21 1.41 0.00	56.90 1.63 0.00	46.85 1.33 0.00	52.21 1.53 0.00	52.05 1.48 0.00	52.93 1.49 0.00	52.82 1.46 0.00	58.22 1.60 0.00	78.91 2.63 0.00	52.12 2.17 0.00	51.17 2.48 0.00	52.08 2.16 0.00	52.54 1.76 0.00	50.90 1.46 0.00	47.97 1.23 0.00	53.57 1.36 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	63.12 0.38 0.00	57.75 0.13 0.00	55.76 0.16 0.00	52.04 0.10 0.00	52.56 0.13 0.00	52.25 0.06 0.00	58.25 0.17 0.00	56.20 0.20 0.00	50.98 0.17 0.00	55.59 0.32 0.00	45.66 0.14 0.00	51.10 0.42 0.00	50.60 0.03 0.00	51.57 0.11 0.00	51.58 0.21 0.00	56.86 0.25 0.00	77.20 0.92 0.00	50.87 0.92 0.00	50.04 1.34 0.00	50.95 1.04 0.00	51.43 0.65 0.00	49.68 0.24 0.00	46.85 0.12 0.00	52.20 -0.01 0.00
GOUDEY___7 23579	63.12 0.38 0.00	57.75 0.13 0.00	55.76 0.16 0.00	52.04 0.10 0.00	52.56 0.13 0.00	52.25 0.06 0.00	58.25 0.17 0.00	56.20 0.20 0.00	50.98 0.17 0.00	55.59 0.32 0.00	45.66 0.14 0.00	51.10 0.42 0.00	50.60 0.03 0.00	51.57 0.11 0.00	51.58 0.21 0.00	56.86 0.25 0.00	77.20 0.92 0.00	50.87 0.92 0.00	50.04 1.34 0.00	50.95 1.04 0.00	51.43 0.65 0.00	49.68 0.24 0.00	46.85 0.12 0.00	52.20 -0.01 0.00
GOUDEY___8 23580	63.12 0.38 0.00	57.75 0.13 0.00	55.76 0.16 0.00	52.04 0.10 0.00	52.56 0.13 0.00	52.25 0.06 0.00	58.25 0.17 0.00	56.20 0.20 0.00	50.98 0.17 0.00	55.59 0.32 0.00	45.66 0.14 0.00	51.10 0.42 0.00	50.60 0.03 0.00	51.57 0.11 0.00	51.58 0.21 0.00	56.86 0.25 0.00	77.20 0.92 0.00	50.87 0.92 0.00	50.04 1.34 0.00	50.95 1.04 0.00	51.43 0.65 0.00	49.68 0.24 0.00	46.85 0.12 0.00	52.20 -0.01 0.00
GOWANUS_GT1_1 24077	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT1_2 24078	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT1_3 24079	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT1_4 24080	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT1_5 24084	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT1_6 24111	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT1_7 24112	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT1_8 24113	65.06 2.32 0.00	59.71 2.08 0.00	57.54 1.93 0.00	53.77 1.84 0.00	54.28 1.84 0.00	54.24 2.04 0.00	60.29 2.21 0.00	58.40 2.41 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.31 3.16 -2.64	53.98 3.30 0.00	53.62 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.04 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.25 3.33 0.00	53.05 2.26 0.00	51.40 1.96 0.00	48.74 2.00 0.00	54.70 2.49 0.00
GOWANUS_GT2_1 24114	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00
GOWANUS_GT2_2 24115	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00
GOWANUS_GT2_3 24116	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00

GOWANUS_GT2_4 24117	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00
GOWANUS_GT2_5 24118	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00
GOWANUS_GT2_6 24119	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00
GOWANUS_GT2_7 24120	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00
GOWANUS_GT2_8 24121	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00
GOWANUS_GT3_1 24122	65.06 2.32 0.00	59.70 2.07 0.00	57.52 1.92 0.00	53.77 1.83 0.00	54.27 1.84 0.00	54.23 2.03 0.00	60.28 2.20 0.00	58.40 2.40 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.32 3.17 -2.64	53.97 3.29 0.00	53.63 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.03 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.24 3.33 0.00	53.04 2.26 0.00	51.39 1.95 0.00	48.73 2.00 0.00	54.70 2.48 0.00
GOWANUS_GT3_2 24123	65.06 2.32 0.00	59.70 2.07 0.00	57.52 1.92 0.00	53.77 1.83 0.00	54.27 1.84 0.00	54.23 2.03 0.00	60.28 2.20 0.00	58.40 2.40 0.00	55.29 2.85 -1.64	58.67 3.40 0.00	51.32 3.17 -2.64	53.97 3.29 0.00	53.63 3.05 0.00	54.36 2.91 0.00	54.50 3.14 0.00	60.03 3.42 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.69 3.99 0.00	53.24 3.33 0.00	53.04 2.26 0.00	51.39 1.95 0.00	48.73 2.00 0.00	54.70 2.48 0.00
GOWANUS_GT3_3 24124	65.06 2.32 0.00	59.70 2.07 0.00	57.52 1.92 0.00	53.77 1.83 0.00	54.27 1.84 0.00	54.23 2.03 0.00	60.28 2.20 0.00	58.40 2.40 0.00	55.29 2.85 -1.64	5														

GOWANUS_GT4_3 24132	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
GOWANUS_GT4_4 24133	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
GOWANUS_GT4_5 24134	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
GOWANUS_GT4_6 24135	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
GOWANUS_GT4_7 24136	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
GOWANUS_GT4_8 24137	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
GREENBSH_115KV_TB3 55895	62.55 -0.19 0.00	57.65 0.03 0.00	55.63 0.03 0.00	52.06 0.12 0.00	52.61 0.17 0.00	52.37 0.17 0.00	58.20 0.12 0.00	56.01 0.01 0.00	50.83 0.02 0.00	55.13 -0.14 0.00	45.45 -0.07 0.00	50.41 -0.27 0.00	50.50 -0.07 0.00	51.22 -0.23 0.00	51.11 -0.26 0.00	56.41 -0.20 0.00	76.14 -0.14 0.00	50.24 0.29 0.00	49.16 0.46 0.00	50.11 0.19 0.00	50.73 -0.06 0.00	49.31 -0.13 0.00	46.51 -0.22 0.00	52.12 -0.10 0.00
GREENIDGE_115KV_TB5 80291	63.96 1.22 0.00	58.29 0.67 0.00	56.40 0.80 0.00	52.61 0.67 0.00	53.14 0.70 0.00	52.76 0.56 0.00	59.03 0.94 0.00	56.86 0.86 0.00	51.43 0.62 0.00	55.91 0.64 0.00	45.63 0.11 0.00	51.11 0.43 0.00	50.55 -0.02 0.00	51.70 0.25 0.00	51.79 0.43 0.00	57.33 0.72 0.00	77.79 1.51 0.00	51.55 1.61 0.00	50.95 2.25 0.00	51.90 1.99 0.00	52.42 1.63 0.00	50.53 1.09 0.00	47.61 0.87 0.00	52.82 0.61 0.00
GREENIDGE___3 23582	63.96 1.22 0.00	58.29 0.67 0.00	56.40 0.80 0.00	52.61 0.67 0.00	53.14 0.70 0.00	52.76 0.56 0.00	59.03 0.94 0.00	56.86 0.86 0.00	51.43 0.62 0.00	55.91 0.64 0.00	45.63 0.11 0.00	51.11 0.43 0.00	50.55 -0.02 0.00	51.70 0.25 0.00	51.79 0.43 0.00	57.33 0.72 0.00	77.79 1.51 0.00	51.55 1.61 0.00	50.95 2.25 0.00	51.90 1.99 0.00	52.42 1.63 0.00	50.53 1.09 0.00	47.61 0.87 0.00	52.82 0.61 0.00
GREENIDGE___4 23583	69.13 1.22 -5.17	63.55 0.68 -5.25	59.36 0.81 -2.95	54.28 0.68 -1.66	54.91 0.71 -1.77	55.41 0.57 -2.64	62.68 0.96 -3.63	59.13 0.88 -2.25	53.72 0.64 -2.28	56.07 0.64 -0.16	46.33 0.09 -0.72	51.12 0.44 0.00	50.56 -0.02 0.00	51.89 0.25 -0.19	51.93 0.42 -0.14	57.79 0.72 -0.45	77.79 1.51 0.00	51.55 1.60 0.00	50.95 2.25 0.00	51.90 1.99 0.00	53.53 1.64 -1.10	52.77 1.09 -2.23	50.57 0.89 -2.94	55.06 0.62 -2.23
GREENLWN_69_KV_BK 3 55738	63.36 0.62 0.00	58.91 1.29 0.00	57.58 1.98 0.00	53.90 1.96 0.00	54.50 2.06 0.00	54.55 2.35 0.00	59.88 1.79 0.00	58.37 2.37 0.00	55.67 3.24 -1.62	58.54 3.27 0.00	52.54 3.25 -3.77	53.94 3.14 -0.12	53.47 2.90 0.00	54.26 2.81 0.00	54.49 3.12 0.00	59.28 3.08 0.41	73.92 4.16 6.53	49.27 3.53 4.20	52.49 3.79 0.00	52.76 2.85 0.00	52.01 1.23 0.00	50.72 1.27 0.00	48.03 1.29 0.00	54.07 1.86 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	65.08 2.34 0.00	59.72 2.10 0.00	57.55 1.95 0.00	53.79 1.85 0.00	54.29 1.85 0.00	54.25 2.05 0.00	60.32 2.23 0.00	58.43 2.44 0.00	55.32 2.88 -1.64	58.70 3.43 0.00	51.33 3.17 -2.64	54.00 3.32 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.00 0.00	53.25 3.34 0.00	53.07 2.29 0.00	51.41 1.97 0.00	48.75 2.02 0.00	54.73 2.52 0.00
GRISSOM___SOLAR 323813	65.64 2.90 0.00	60.10 2.48 0.00	57.92 2.32 0.00	54.08 2.14 0.00	54.59 2.16 0.00	54.46 2.27 0.00	60.76 2.67 0.00	58.27 2.27 0.00	51.48 0.67 0.00	55.18 -0.09 0.00	45.32 -0.20 0.00	50.52 -0.16 0.00	50.64 0.07 0.00	51.37 -0.08 0.00	50.92 -0.45 0.00	56.42 -0.19 0.00	77.29 1.01 0.00	50.73 0.78 0.00	50.55 1.85 0.00	52.50 2.58 0.00	53.44 2.65 0.00	51.91 2.46 0.00	48.93 2.20 0.00	54.64 2.43 0.00
GROVEVILLE___HYD 323602	65.13 2.39 0.00	59.75 2.13 0.00	57.54 1.94 0.00	53.79 1.86 0.00	54.33 1.89 0.00	54.22 2.03 0.00	60.33 2.25 0.00	58.35 2.35 0.00	53.35 2.55 0.00	58.34 3.06 0.00	48.25 2.73 0.00	53.71 3.03 0.00	53.55 2.97 0.00	54.33 2.88 0.00	54.47 3.11 0.00	60.05 3.44 0.00	81.54 5.26 0.00	53.96 4.01 0.00	52.80 4.10 0.00	53.37 3.46 0.00	53.33 2.54 0.00	51.58 2.13 0.00	48.73 2.00 0.00	54.51 2.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	62.65 -0.09 0.00	57.63 0.01 0.00	55.72 0.11 0.00	51.82 -0.12 0.00	52.15 -0.28 0.00	51.92 -0.28 0.00	57.88 -0.20 0.00	55.79 -0.20 0.00	50.50 -0.30 0.00	54.88 -0.39 0.00	45.11 -0.41 0.00	50.37 -0.32 0.00	50.17 -0.40 0.00	51.16 -0.28 0.00	51.16 -0.21 0.00	56.44 -0.17 0.00	76.31 0.02 0.00	50.16 0.21 0.00	49.16 0.46 0.00	50.20 0.28 0.00	50.88 0.10 0.00	49.33 -0.11 0.00	46.57 -0.17 0.00	51.86 -0.36 0.00

HAMLTNNY_34_KV_TB 80303	63.01 0.27 0.00	57.69 0.07 0.00	55.67 0.07 0.00	51.87 -0.07 0.00	52.41 -0.03 0.00	52.16 -0.03 0.00	58.16 0.08 0.00	56.04 0.05 0.00	50.71 -0.09 0.00	55.11 -0.17 0.00	45.23 -0.29 0.00	50.55 -0.13 0.00	50.36 -0.21 0.00	51.34 -0.10 0.00	51.42 0.05 0.00	56.66 0.05 0.00	76.71 0.43 0.00	50.37 0.42 0.00	49.44 0.74 0.00	50.52 0.60 0.00	51.19 0.40 0.00	49.54 0.10 0.00	46.80 0.06 0.00	52.04 -0.17 0.00
HAMPSHIRE___PAPER_HYD 323593	64.03 1.29 0.00	58.90 1.28 0.00	56.86 1.26 0.00	53.04 1.10 0.00	53.49 1.06 0.00	53.37 1.18 0.00	59.53 1.45 0.00	57.25 1.25 0.00	51.48 0.67 0.00	55.59 0.32 0.00	45.57 0.05 0.00	50.78 0.09 0.00	50.53 -0.05 0.00	51.32 -0.12 0.00	50.75 -0.61 0.00	55.67 -0.94 0.00	75.18 -1.10 0.00	49.35 -0.60 0.00	48.39 -0.31 0.00	50.26 0.34 0.00	51.66 0.88 0.00	50.43 0.99 0.00	47.72 0.98 0.00	53.32 1.11 0.00
HARDSCRABBLE_WT_PWR 323673	63.50 0.76 0.00	58.38 0.76 0.00	56.22 0.62 0.00	52.64 0.70 0.00	53.26 0.82 0.00	52.95 0.75 0.00	58.87 0.79 0.00	56.51 0.52 0.00	50.47 -0.33 0.00	54.31 -0.96 0.00	44.60 -0.92 0.00	49.59 -1.09 0.00	49.61 -0.96 0.00	50.26 -1.19 0.00	50.02 -1.35 0.00	55.06 -1.55 0.00	74.49 -1.79 0.00	49.59 -0.36 0.00	49.27 0.57 0.00	50.71 0.79 0.00	51.39 0.60 0.00	49.99 0.55 0.00	47.12 0.39 0.00	52.75 0.53 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	64.71 1.97 0.00	59.34 1.72 0.00	57.12 1.52 0.00	53.37 1.44 0.00	53.89 1.46 0.00	53.76 1.57 0.00	59.77 1.69 0.00	57.86 1.86 0.00	50.78 2.10 2.13	57.95 2.68 0.00	44.49 2.39 3.42	53.50 2.82 0.00	53.41 2.84 0.00	54.23 2.78 0.00	54.38 3.01 0.00	59.95 3.34 0.00	81.40 5.12 0.00	53.87 3.92 0.00	52.76 4.06 0.00	53.33 3.41 0.00	53.19 2.41 0.00	51.40 1.95 0.00	48.58 1.84 0.00	54.36 2.14 0.00
HARSNRAD_115KV_TB1 81005	63.19 0.45 0.00	57.88 0.26 0.00	55.90 0.30 0.00	51.88 -0.06 0.00	52.46 0.03 0.00	51.81 -0.39 0.00	57.90 -0.18 0.00	55.47 -0.52 0.00	50.36 -0.45 0.00	54.68 -0.60 0.00	45.19 -0.33 0.00	50.54 -0.15 0.00	49.92 -0.65 0.00	51.74 0.29 0.00	51.92 0.56 0.00	57.30 0.69 0.00	76.81 0.53 0.00	50.50 0.55 0.00	48.91 0.21 0.00	49.48 -0.43 0.00	50.26 -0.52 0.00	48.61 -0.83 0.00	46.24 -0.50 0.00	51.36 -0.86 0.00
HARZA MOOSE___RIVER 24016	64.35 1.60 0.00	59.22 1.59 0.00	57.10 1.50 0.00	53.30 1.37 0.00	53.83 1.39 0.00	53.71 1.52 0.00	59.91 1.83 0.00	57.62 1.63 0.00	51.89 1.08 0.00	55.99 0.73 0.00	45.83 0.31 0.00	51.07 0.38 0.00	50.82 0.25 0.00	51.79 0.34 0.00	51.54 0.17 0.00	56.65 0.04 0.00	76.85 0.57 0.00	50.86 0.92 0.00	50.00 1.30 0.00	51.63 1.72 0.00	52.62 1.84 0.00	51.13 1.69 0.00	48.13 1.39 0.00	53.68 1.47 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	62.26 -0.48 0.00	57.06 -0.56 0.00	55.03 -0.57 0.00	51.34 -0.59 0.00	51.84 -0.60 0.00	51.59 -0.61 0.00	57.49 -0.59 0.00	55.43 -0.56 0.00	50.27 -0.54 0.00	54.68 -0.59 0.00	45.01 -0.51 0.00	50.24 -0.44 0.00	50.02 -0.55 0.00	51.01 -0.44 0.00	51.00 -0.37 0.00	56.24 -0.37 0.00	76.02 -0.25 0.00	49.97 0.02 0.00	48.89 0.19 0.00	49.88 -0.03 0.00	50.55 -0.24 0.00	49.03 -0.42 0.00	46.27 -0.46 0.00	51.57 -0.65 0.00
HELLGATE_13_KV_LD 55870	65.32 2.58 0.00	59.97 2.34 0.00	57.79 2.19 0.00	54.03 2.09 0.00	54.54 2.11 0.00	54.52 2.33 0.00	60.62 2.54 0.00	58.76 2.77 0.00	55.68 3.24 -1.64	59.11 3.84 0.00	51.72 3.56 -2.64	54.38 3.70 0.00	54.03 3.46 0.00	54.78 3.33 0.00	54.90 3.54 0.00	60.50 3.89 0.00	82.03 5.75 0.00	54.28 4.33 0.00	53.02 4.32 0.00	53.51 3.60 0.00	53.33 2.55 0.00	51.67 2.22 0.00	48.96 2.22 0.00	54.90 2.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	65.32 2.58 0.00	59.97 2.34 0.00	57.79 2.19 0.00	54.03 2.09 0.00	54.54 2.11 0.00	54.52 2.33 0.00	60.62 2.54 0.00	58.76 2.77 0.00	55.68 3.24 -1.64	59.11 3.84 0.00	51.72 3.56 -2.64	54.38 3.70 0.00	54.03 3.46 0.00	54.78 3.33 0.00	54.90 3.54 0.00	60.50 3.89 0.00	82.03 5.75 0.00	54.28 4.33 0.00	53.02 4.32 0.00	53.51 3.60 0.00	53.33 2.55 0.00	51.67 2.22 0.00	48.96 2.22 0.00	54.90 2.68 0.00
HEMPSTEAD___ 23647	64.43 1.69 0.00	59.49 1.87 0.00	57.69 2.09 0.00	53.94 2.01 0.00	54.53 2.09 0.00	54.55 2.35 0.00	60.15 2.07 0.00	58.50 2.51 0.00	55.59 3.16 -1.62	58.75 3.48 0.00	52.72 3.43 -3.77	54.39 3.59 -0.12	53.92 3.35 0.00	54.72 3.27 0.00	54.86 3.49 0.00	60.26 3.65 0.00	81.46 5.18 0.00	54.08 4.13 0.00	53.05 4.35 0.00	53.43 3.51 0.00	52.78 2.00 0.00	51.23 1.79 0.00	48.49 1.75 0.00	54.46 2.25 0.00
HICKLING___1 23621	63.40 0.66 0.00	57.66 0.04 0.00	55.94 0.34 0.00	52.23 0.29 0.00	52.79 0.35 0.00	52.29 0.10 0.00	58.46 0.37 0.00	56.44 0.44 0.00	51.13 0.32 0.00	55.97 0.70 0.00	45.75 0.23 0.00	51.54 0.86 0.00	50.52 -0.06 0.00	51.67 0.22 0.00	51.75 0.38 0.00	57.19 0.57 0.00	77.94 1.65 0.00	51.52 1.57 0.00	50.86 2.16 0.00	51.70 1.78 0.00	52.03 1.25 0.00	50.06 0.61 0.00	47.14 0.41 0.00	52.33 0.12 0.00
HICKLING___2 23622	63.40 0.66 0.00	57.66 0.04 0.00	55.94 0.34 0.00	52.23 0.29 0.00	52.79 0.35 0.00	52.29 0.10 0.00	58.46 0.37 0.00	56.44 0.44 0.00	51.13 0.32 0.00	55.97 0.70 0.00	45.75 0.23 0.00	51.54 0.86 0.00	50.52 -0.06 0.00	51.67 0.22 0.00	51.75 0.38 0.00	57.19 0.57 0.00	77.94 1.65 0.00	51.52 1.57 0.00	50.86 2.16 0.00	51.70 1.78 0.00	52.03 1.25 0.00	50.06 0.61 0.00	47.14 0.41 0.00	52.33 0.12 0.00
HIGH FALLS___HY 23754	65.00 2.26 0.00	59.58 1.96 0.00	57.36 1.76 0.00	53.59 1.65 0.00	54.12 1.68 0.00	54.02 1.82 0.00	60.10 2.01 0.00	58.19 2.20 0.00	53.18 2.37 0.00	58.12 2.86 0.00	47.99 2.47 0.00	53.39 2.71 0.00	53.26 2.69 0.00	54.03 2.58 0.00	54.23 2.87 0.00	59.77 3.16 0.00	81.24 4.96 0.00	53.92 3.97 0.00	52.88 4.18 0.00	53.48 3.57 0.00	53.42 2.63 0.00	51.62 2.18 0.00	48.76 2.03 0.00	54.48 2.27 0.00
HIGH_RIVER___SOLAR 323847	64.59 1.85 0.00	59.26 1.64 0.00	57.14 1.54 0.00	53.40 1.46 0.00	53.93 1.49 0.00	53.75 1.55 0.00	59.85 1.77 0.00	57.49 1.49 0.00	51.45 0.65 0.00	55.35 0.08 0.00	45.31 -0.21 0.00	50.55 -0.13 0.00	50.55 -0.02 0.00	51.29 -0.16 0.00	51.06 -0.31 0.00	56.38 -0.24 0.00	76.53 0.25 0.00	50.86 0.91 0.00	50.15 1.45 0.00	51.64 1.73 0.00	52.47 1.69 0.00	50.99 1.54 0.00	48.09 1.35 0.00	53.77 1.56 0.00
HILLBURN___GT 23639	64.36 1.62 0.00	59.06 1.44 0.00	56.86 1.26 0.00	53.17 1.23 0.00	53.69 1.25 0.00	53.56 1.37 0.00	59.53 1.44 0.00	57.63 1.64 0.00	50.23 1.95 2.53	57.82 2.55 0.00	43.75 2.30 4.07	53.36 2.68 0.00	53.25 2.68 0.00	54.02 2.58 0.00	54.18 2.82 0.00	59.69 3.08 0.00	81.04 4.76 0.00	53.62 3.68 0.00	52.53 3.83 0.00	53.06 3.15 0.00	52.89 2.10 0.00	51.12 1.68 0.00	48.35 1.61 0.00	54.16 1.94 0.00

HILLSIDE_115KV_TB1 80332	62.30 -0.44 0.00	56.73 -0.89 0.00	54.99 -0.61 0.00	51.30 -0.64 0.00	51.85 -0.59 0.00	51.34 -0.86 0.00	57.37 -0.71 0.00	55.47 -0.53 0.00	50.29 -0.51 0.00	55.12 -0.15 0.00	45.08 -0.44 0.00	50.84 0.16 0.00	49.76 -0.82 0.00	50.86 -0.59 0.00	50.92 -0.44 0.00	56.19 -0.42 0.00	76.59 0.31 0.00	50.56 0.61 0.00	49.90 1.20 0.00	50.70 0.78 0.00	51.05 0.26 0.00	49.11 -0.33 0.00	46.26 -0.47 0.00	51.38 -0.83 0.00
HISHELDN_WT_PWR 323625	53.96 0.60 9.38	48.41 0.32 9.53	50.78 0.54 5.36	49.20 0.27 3.01	49.57 0.33 3.20	47.41 0.00 4.79	51.78 0.28 6.58	51.94 0.02 4.08	46.68 0.00 4.13	54.98 -0.01 0.28	44.08 -0.13 1.31	50.90 0.22 0.00	50.09 -0.49 0.00	51.45 0.18 0.18	51.64 0.40 0.13	56.82 0.64 0.44	77.35 1.07 0.00	51.02 1.08 0.00	49.77 1.07 0.00	50.43 0.51 0.00	50.07 0.35 1.07	47.23 -0.06 2.16	43.98 0.08 2.84	49.79 -0.28 2.15
HOLTSVILLE_IC_1 23690	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.94 2.01 0.00	54.57 2.13 0.00	54.65 2.45 0.00	60.00 1.92 0.00	58.54 2.55 0.00	55.89 3.47 -1.62	58.80 3.53 0.00	52.80 3.51 -3.77	54.14 3.34 -0.12	53.80 3.23 0.00	54.61 3.16 0.00	54.86 3.49 0.00	60.30 3.37 -0.32	85.92 4.63 -5.01	57.11 3.94 -3.23	52.75 4.06 0.00	52.95 3.04 0.00	52.28 1.50 0.00	51.06 1.62 0.00	48.27 1.53 0.00	54.24 2.03 0.00
HOLTSVILLE_IC_10 23699	63.92 1.18 0.00	59.32 1.70 0.00	57.91 2.31 0.00	54.17 2.23 0.00	54.80 2.36 0.00	54.88 2.69 0.00	60.30 2.21 0.00	58.84 2.85 0.00	56.18 3.75 -1.62	59.16 3.89 0.00	53.11 3.81 -3.77	54.42 3.62 -0.12	54.15 3.58 0.00	55.02 3.58 0.00	55.29 3.92 0.00	60.69 3.83 -0.25	85.44 5.24 -3.92	56.85 4.38 -2.52	53.17 4.47 0.00	53.32 3.40 0.00	52.64 1.85 0.00	51.41 1.96 0.00	48.55 1.82 0.00	54.54 2.33 0.00
HOLTSVILLE_IC_2 23691	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.94 2.01 0.00	54.57 2.13 0.00	54.65 2.45 0.00	60.00 1.92 0.00	58.54 2.55 0.00	55.89 3.47 -1.62	58.80 3.53 0.00	52.80 3.51 -3.77	54.14 3.34 -0.12	53.80 3.23 0.00	54.61 3.16 0.00	54.86 3.49 0.00	60.30 3.37 -0.32	85.92 4.63 -5.01	57.11 3.94 -3.23	52.75 4.06 0.00	52.95 3.04 0.00	52.28 1.50 0.00	51.06 1.62 0.00	48.27 1.53 0.00	54.24 2.03 0.00
HOLTSVILLE_IC_3 23692	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.94 2.01 0.00	54.57 2.13 0.00	54.65 2.45 0.00	60.00 1.92 0.00	58.54 2.55 0.00	55.89 3.47 -1.62	58.80 3.53 0.00	52.80 3.51 -3.77	54.14 3.34 -0.12	53.80 3.23 0.00	54.61 3.16 0.00	54.86 3.49 0.00	60.30 3.37 -0.32	85.92 4.63 -5.01	57.11 3.94 -3.23	52.75 4.06 0.00	52.95 3.04 0.00	52.28 1.50 0.00	51.06 1.62 0.00	48.27 1.53 0.00	54.24 2.03 0.00
HOLTSVILLE_IC_4 23693	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.94 2.01 0.00	54.57 2.13 0.00	54.65 2.45 0.00	60.00 1.92 0.00	58.54 2.55 0.00	55.89 3.47 -1.62	58.80 3.53 0.00	52.80 3.51 -3.77	54.14 3.34 -0.12	53.80 3.23 0.00	54.61 3.16 0.00	54.86 3.49 0.00	60.30 3.37 -0.32	85.92 4.63 -5.01	57.11 3.94 -3.23	52.75 4.06 0.00	52.95 3.04 0.00	52.28 1.50 0.00	51.06 1.62 0.00	48.27 1.53 0.00	54.24 2.03 0.00
HOLTSVILLE_IC_5 23694	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.94 2.01 0.00	54.57 2.13 0.00	54.65 2.45 0.00	60.00 1.92 0.00	58.54 2.55 0.00	55.89 3.47 -1.62	58.80 3.53 0.00	52.80 3.51 -3.77	54.14 3.34 -0.12	53.80 3.23 0.00	54.61 3.16 0.00	54.86 3.49 0.00	60.30 3.37 -0.32	85.92 4.63 -5.01	57.11 3.94 -3.23	52.75 4.06 0.00	52.95 3.04 0.00	52.28 1.50 0.00	51.06 1.62 0.00	48.27 1.53 0.00	54.24 2.03 0.00
HOLTSVILLE_IC_6 23695	63.92 1.18 0.00	59.32 1.70 0.00	57.91 2.31 0.00	54.17 2.23 0.00	54.80 2.36 0.00	54.88 2.69 0.00	60.30 2.21 0.00	58.84 2.85 0.00	56.18 3.75 -1.62	59.16 3.89 0.00	53.11 3.81 -3.77	54.42 3.62 -0.12	54.15 3.58 0.00	55.02 3.58 0.00	55.29 3.92 0.00	60.69 3.83 -0.25	85.44 5.24 -3.92	56.85 4.38 -2.52	53.17 4.47 0.00	53.32 3.40 0.00	52.64 1.85 0.00	51.41 1.96 0.00	48.55 1.82 0.00	54.54 2.33 0.00
HOLTSVILLE_IC_7 23696	63.92 1.18 0.00	59.32 1.70 0.00	57.91 2.31 0.00	54.17 2.23 0.00	54.80 2.36 0.00	54.88 2.69 0.00	60.30 2.21 0.00	58.84 2.85 0.00	56.18 3.75 -1.62	59.16 3.89 0.00	53.11 3.81 -3.77	54.42 3.62 -0.12	54.15 3.58 0.00	55.02 3.58 0.00	55.29 3.92 0.00	60.69 3.83 -0.25	85.44 5.24 -3.92	56.85 4.38 -2.52	53.17 4.47 0.00	53.32 3.40 0.00	52.64 1.85 0.00	51.41 1.96 0.00	48.55 1.82 0.00	54.54 2.33 0.00
HOLTSVILLE_IC_8 23697	63.92 1.18 0.00	59.32 1.70 0.00	57.91 2.31 0.00	54.17 2.23 0.00	54.80 2.36 0.00	54.88 2.69 0.00	60.30 2.21 0.00	58.84 2.85 0.00	56.18 3.75 -1.62	59.16 3.89 0.00	53.11 3.81 -3.77	54.42 3.62 -0.12	54.15 3.58 0.00	55.02 3.58 0.00	55.29 3.92 0.00	60.69 3.83 -0.25	85.44 5.24 -3.92	56.85 4.38 -2.52	53.17 4.47 0.00	53.32 3.40 0.00	52.64 1.85 0.00	51.41 1.96 0.00	48.55 1.82 0.00	54.54 2.33 0.00
HOLTSVILLE_IC_9 23698	63.92 1.18 0.00	59.32 1.70 0.00	57.91 2.31 0.00	54.17 2.23 0.00	54.80 2.36 0.00	54.88 2.69 0.00	60.30 2.21 0.00	58.84 2.85 0.00	56.18 3.75 -1.62	59.16 3.89 0.00	53.11 3.81 -3.77	54.42 3.62 -0.12	54.15 3.58 0.00	55.02 3.58 0.00	55.29 3.92 0.00	60.69 3.83 -0.25	85.44 5.24 -3.92	56.85 4.38 -2.52	53.17 4.47 0.00	53.32 3.40 0.00	52.64 1.85 0.00	51.41 1.96 0.00	48.55 1.82 0.00	54.54 2.33 0.00
HOMER_HL_115KV_TB2 355744	63.25 0.51 0.00	57.85 0.22 0.00	55.73 0.13 0.00	51.97 0.03 0.00	52.73 0.29 0.00	52.24 0.04 0.00	58.70 0.62 0.00	56.62 0.63 0.00	51.46 0.65 0.00	56.97 1.70 0.00	46.49 0.97 0.00	52.42 1.74 0.00	51.03 0.46 0.00	52.10 0.66 0.00	51.92 0.56 0.00	57.18 0.57 0.00	78.20 1.92 0.00	51.50 1.55 0.00	51.14 2.44 0.00	51.84 1.93 0.00	52.15 1.37 0.00	49.79 0.35 0.00	46.72 -0.01 0.00	52.13 -0.08 0.00
HOWARD_WT_PWR 323690	62.96 0.22 0.00	57.00 -0.62 0.00	55.75 0.15 0.00	52.21 0.28 0.00	52.97 0.53 0.00	52.51 0.32 0.00	59.01 0.93 0.00	56.91 0.91 0.00	51.48 0.68 0.00	56.00 0.73 0.00	45.71 0.19 0.00	51.39 0.71 0.00	50.26 -0.31 0.00	51.51 -0.01 -0.07	51.62 0.20 -0.05	57.40 0.62 -0.16	77.96 1.68 0.00	52.03 2.08 0.00	51.51 2.81 0.00	52.44 2.53 0.00	53.25 2.06 -0.40	51.61 1.35 -0.81	48.95 1.14 -1.07	53.71 0.69 -0.81
HQ_GEN_CEDARS 23644	63.39 0.65 0.00	58.17 0.55 0.00	56.24 0.63 0.00	52.50 0.57 0.00	52.88 0.44 0.00	52.65 0.45 0.00	58.60 0.51 0.00	56.47 0.48 0.00	51.14 0.34 0.00	55.61 0.34 0.00	45.79 0.27 0.00	51.03 0.34 0.00	50.91 0.34 0.00	51.83 0.38 0.00	51.41 0.04 0.00	56.60 -0.01 0.00	75.80 -0.48 0.00	49.22 -0.73 0.00	47.80 -0.90 0.00	49.56 -0.35 0.00	50.89 0.10 0.00	49.80 0.35 0.00	47.28 0.54 0.00	52.80 0.59 0.00

HQ_GEN_CEDARS_PROXY 323590	63.39 0.65 0.00	58.17 0.55 0.00	56.24 0.64 0.00	52.50 0.57 0.00	52.88 0.43 0.00	52.51 0.44 0.13	58.60 0.51 0.00	56.47 0.48 0.00	51.14 0.34 0.00	55.61 0.34 0.00	45.79 0.28 0.00	51.03 0.35 0.00	50.91 0.33 0.00	51.83 0.38 0.00	51.41 0.04 0.00	56.60 -0.01 0.00	75.80 -0.48 0.00	49.22 -0.73 0.00	47.80 -0.90 0.00	49.56 -0.35 0.00	50.89 0.10 0.00	49.80 0.35 0.00	47.28 0.54 0.00	52.80 0.59 0.00
HQ_GEN_CHPE_PROXY 323851	64.82 2.08 0.00	59.49 1.86 0.00	57.33 1.73 0.00	53.60 1.67 0.00	54.12 1.68 0.00	54.04 1.84 0.00	60.07 1.99 0.00	56.35 2.18 1.83	55.12 2.68 -1.64	62.12 3.27 -3.59	50.16 3.02 -1.62	52.58 3.15 1.25	53.43 2.85 0.00	54.16 2.71 0.00	54.28 2.91 0.00	59.81 3.19 0.00	81.16 4.88 0.00	53.70 3.75 0.00	52.50 3.81 0.00	53.01 3.10 0.00	53.31 2.02 -0.50	51.13 1.69 0.00	48.55 1.81 0.00	54.13 2.29 0.36
HQ_GEN_IMPORT 323601	63.06 0.32 0.00	57.90 0.28 0.00	55.92 0.32 0.00	52.21 0.28 0.00	52.67 0.23 0.00	52.41 0.22 0.00	58.33 0.24 0.00	54.42 0.25 1.83	51.03 0.23 0.00	59.11 0.26 -3.59	44.73 0.22 1.01	49.69 0.26 1.25	50.82 0.25 0.00	51.75 0.30 0.00	51.58 0.22 0.00	56.85 0.24 0.00	76.29 0.01 0.00	49.59 -0.35 0.00	48.12 -0.58 0.00	49.65 -0.26 0.00	51.35 0.07 -0.50	49.68 0.24 0.00	47.03 0.29 0.00	52.16 0.32 0.36
HQ_GEN_WHEEL 23651	63.06 0.32 0.00	57.90 0.28 0.00	55.92 0.32 0.00	52.21 0.28 0.00	52.67 0.23 0.00	52.41 0.22 0.00	58.33 0.24 0.00	54.42 0.25 1.83	51.03 0.23 0.00	59.11 0.26 -3.59	44.73 0.22 1.01	49.69 0.26 1.25	50.82 0.25 0.00	51.75 0.30 0.00	51.58 0.22 0.00	56.85 0.24 0.00	76.29 0.01 0.00	49.59 -0.35 0.00	48.12 -0.58 0.00	49.65 -0.26 0.00	51.35 0.07 -0.50	49.68 0.24 0.00	47.03 0.29 0.00	52.16 0.32 0.36
HUDSON AVE_GT_3 23810	65.04 2.30 0.00	59.68 2.06 0.00	57.51 1.91 0.00	53.76 1.82 0.00	54.28 1.84 0.00	54.18 1.98 0.00	60.26 2.17 0.00	58.38 2.38 0.00	55.28 2.84 -1.64	58.75 3.48 0.00	51.34 3.19 -2.64	54.07 3.39 0.00	53.71 3.14 0.00	54.46 3.01 0.00	54.58 3.22 0.00	60.14 3.53 0.00	81.62 5.34 0.00	54.00 4.05 0.00	52.79 4.09 0.00	53.28 3.37 0.00	53.08 2.29 0.00	51.39 1.95 0.00	48.74 2.01 0.00	54.69 2.48 0.00
HUDSON AVE_GT_4 23540	65.04 2.30 0.00	59.68 2.06 0.00	57.51 1.91 0.00	53.76 1.82 0.00	54.28 1.84 0.00	54.18 1.98 0.00	60.26 2.17 0.00	58.38 2.38 0.00	55.28 2.84 -1.64	58.75 3.48 0.00	51.34 3.19 -2.64	54.07 3.39 0.00	53.71 3.14 0.00	54.46 3.01 0.00	54.58 3.22 0.00	60.14 3.53 0.00	81.62 5.34 0.00	54.00 4.05 0.00	52.79 4.09 0.00	53.28 3.37 0.00	53.08 2.29 0.00	51.39 1.95 0.00	48.74 2.01 0.00	54.69 2.48 0.00
HUDSON AVE_GT_5 23657	65.04 2.30 0.00	59.68 2.06 0.00	57.51 1.91 0.00	53.76 1.82 0.00	54.28 1.84 0.00	54.18 1.98 0.00	60.26 2.17 0.00	58.38 2.38 0.00	55.28 2.84 -1.64	58.75 3.48 0.00	51.34 3.19 -2.64	54.07 3.39 0.00	53.71 3.14 0.00	54.46 3.01 0.00	54.58 3.22 0.00	60.14 3.53 0.00	81.62 5.34 0.00	54.00 4.05 0.00	52.79 4.09 0.00	53.28 3.37 0.00	53.08 2.29 0.00	51.39 1.95 0.00	48.74 2.01 0.00	54.69 2.48 0.00
HUDSON_AVE_10 24168	64.81 2.07 0.00	59.48 1.85 0.00	57.30 1.70 0.00	53.55 1.62 0.00	54.06 1.62 0.00	53.89 1.69 0.00	59.96 1.87 0.00	58.04 2.05 0.00	55.01 2.56 -1.64	58.45 3.18 0.00	51.02 2.87 -2.63	53.72 3.05 0.00	53.45 2.88 0.00	54.21 2.76 0.00	54.32 2.96 0.00	59.89 3.27 0.00	81.27 4.99 0.00	53.77 3.82 0.00	52.59 3.89 0.00	53.09 3.17 0.00	52.92 2.13 0.00	51.20 1.76 0.00	48.60 1.86 0.00	54.44 2.23 0.00
HUDSON___115KV_TB 4 355613	64.06 1.31 0.00	58.92 1.30 0.00	56.81 1.21 0.00	53.15 1.22 0.00	53.72 1.28 0.00	53.49 1.30 0.00	59.53 1.44 0.00	57.28 1.28 0.00	51.75 0.95 0.00	55.83 0.56 0.00	45.95 0.43 0.00	51.06 0.38 0.00	51.13 0.55 0.00	51.83 0.38 0.00	51.70 0.33 0.00	57.19 0.58 0.00	77.48 1.20 0.00	51.31 1.36 0.00	50.40 1.70 0.00	51.58 1.66 0.00	52.23 1.45 0.00	50.66 1.21 0.00	47.71 0.97 0.00	53.34 1.13 0.00
HUNTER MOUNT___DRP 323613	64.34 1.60 0.00	59.19 1.56 0.00	57.06 1.45 0.00	53.37 1.43 0.00	53.94 1.50 0.00	53.74 1.55 0.00	59.83 1.74 0.00	57.58 1.58 0.00	52.02 1.22 0.00	56.09 0.83 0.00	46.14 0.62 0.00	51.27 0.59 0.00	51.40 0.83 0.00	52.06 0.61 0.00	51.91 0.54 0.00	57.52 0.91 0.00	77.98 1.69 0.00	51.64 1.69 0.00	50.70 2.00 0.00	51.88 1.97 0.00	52.55 1.76 0.00	50.95 1.51 0.00	47.96 1.23 0.00	53.60 1.38 0.00
HUNTINGTON_RES_REC 323705	63.56 0.82 0.00	59.06 1.44 0.00	57.72 2.11 0.00	54.03 2.09 0.00	54.65 2.21 0.00	54.72 2.53 0.00	60.05 1.96 0.00	58.57 2.58 0.00	55.94 3.51 -1.62	58.85 3.58 0.00	52.83 3.53 -3.77	54.20 3.40 -0.12	53.82 3.25 0.00	54.67 3.22 0.00	54.92 3.56 0.00	59.90 3.48 0.18	78.04 4.68 2.92	52.00 3.93 1.88	52.83 4.13 0.00	53.00 3.09 0.00	52.26 1.48 0.00	50.98 1.53 0.00	48.22 1.49 0.00	54.29 2.08 0.00
HUNTLEY___63 23557	63.77 1.03 0.00	58.38 0.75 0.00	56.34 0.74 0.00	52.31 0.38 0.00	52.87 0.44 0.00	52.24 0.05 0.00	58.36 0.28 0.00	55.89 -0.11 0.00	50.79 -0.01 0.00	55.17 -0.10 0.00	45.73 0.21 0.00	51.15 0.46 0.00	50.52 -0.05 0.00	52.27 0.82 0.00	52.41 1.05 0.00	57.81 1.19 0.00	77.52 1.24 0.00	50.88 0.93 0.00	49.28 0.58 0.00	49.84 -0.07 0.00	50.61 -0.17 0.00	48.93 -0.51 0.00	46.52 -0.21 0.00	51.66 -0.55 0.00
HUNTLEY___64 23558	63.77 1.03 0.00	58.38 0.75 0.00	56.34 0.74 0.00	52.31 0.38 0.00	52.87 0.44 0.00	52.24 0.05 0.00	58.36 0.28 0.00	55.89 -0.11 0.00	50.79 -0.01 0.00	55.17 -0.10 0.00	45.73 0.21 0.00	51.15 0.46 0.00	50.52 -0.05 0.00	52.27 0.82 0.00	52.41 1.05 0.00	57.81 1.19 0.00	77.52 1.24 0.00	50.88 0.93 0.00	49.28 0.58 0.00	49.84 -0.07 0.00	50.61 -0.17 0.00	48.93 -0.51 0.00	46.52 -0.21 0.00	51.66 -0.55 0.00
HUNTLEY___65 23559	63.77 1.03 0.00	58.38 0.75 0.00	56.34 0.74 0.00	52.31 0.38 0.00	52.87 0.44 0.00	52.24 0.05 0.00	58.36 0.28 0.00	55.89 -0.11 0.00	50.79 -0.01 0.00	55.17 -0.10 0.00	45.73 0.21 0.00	51.15 0.46 0.00	50.52 -0.05 0.00	52.27 0.82 0.00	52.41 1.05 0.00	57.81 1.19 0.00	77.52 1.24 0.00	50.88 0.93 0.00	49.28 0.58 0.00	49.84 -0.07 0.00	50.61 -0.17 0.00	48.93 -0.51 0.00	46.52 -0.21 0.00	51.66 -0.55 0.00
HUNTLEY___66 23560	63.77 1.03 0.00	58.38 0.75 0.00	56.34 0.74 0.00	52.31 0.38 0.00	52.87 0.44 0.00	52.24 0.05 0.00	58.36 0.28 0.00	55.89 -0.11 0.00	50.79 -0.01 0.00	55.17 -0.10 0.00	45.73 0.21 0.00	51.15 0.46 0.00	50.52 -0.05 0.00	52.27 0.82 0.00	52.41 1.05 0.00	57.81 1.19 0.00	77.52 1.24 0.00	50.88 0.93 0.00	49.28 0.58 0.00	49.84 -0.07 0.00	50.61 -0.17 0.00	48.93 -0.51 0.00	46.52 -0.21 0.00	51.66 -0.55 0.00

HUNTLEY___67 23561	63.37 0.63 0.00	58.00 0.38 0.00	56.02 0.42 0.00	52.05 0.11 0.00	52.62 0.19 0.00	51.98 -0.21 0.00	58.09 0.01 0.00	55.65 -0.34 0.00	50.55 -0.25 0.00	54.93 -0.34 0.00	45.47 -0.05 0.00	50.89 0.21 0.00	50.23 -0.34 0.00	51.97 0.52 0.00	52.07 0.71 0.00	57.45 0.84 0.00	77.18 0.90 0.00	50.59 0.64 0.00	49.07 0.37 0.00	49.62 -0.29 0.00	50.44 -0.35 0.00	48.79 -0.65 0.00	46.41 -0.33 0.00	51.55 -0.67 0.00
HUNTLEY___68 23562	63.37 0.63 0.00	58.00 0.38 0.00	56.02 0.42 0.00	52.05 0.11 0.00	52.62 0.19 0.00	51.98 -0.21 0.00	58.09 0.01 0.00	55.65 -0.34 0.00	50.55 -0.25 0.00	54.93 -0.34 0.00	45.47 -0.05 0.00	50.89 0.21 0.00	50.23 -0.34 0.00	51.97 0.52 0.00	52.07 0.71 0.00	57.45 0.84 0.00	77.18 0.90 0.00	50.59 0.64 0.00	49.07 0.37 0.00	49.62 -0.29 0.00	50.44 -0.35 0.00	48.79 -0.65 0.00	46.41 -0.33 0.00	51.55 -0.67 0.00
HYLAND___LFGE 323620	65.56 2.82 0.00	59.74 2.12 0.00	57.87 2.27 0.00	53.86 1.93 0.00	54.48 2.05 0.00	54.08 1.89 0.00	60.66 2.58 0.00	58.27 2.28 0.00	52.62 1.82 0.00	56.71 1.44 0.00	46.30 0.78 0.00	51.89 1.21 0.00	51.20 0.63 0.00	52.72 1.28 0.00	52.85 1.48 0.00	58.61 1.99 0.00	79.37 3.09 0.00	53.07 3.11 0.00	51.99 3.30 0.00	53.07 3.16 0.00	53.83 3.04 0.00	51.87 2.42 0.00	49.71 2.97 0.00	55.04 2.83 0.00
INDECK___CORINTH 23802	64.58 1.83 0.00	59.36 1.74 0.00	57.39 1.79 0.00	53.66 1.72 0.00	54.19 1.75 0.00	53.92 1.73 0.00	59.95 1.86 0.00	57.45 1.45 0.00	51.55 0.75 0.00	55.64 0.37 0.00	45.26 -0.26 0.00	50.07 -0.61 0.00	50.53 -0.05 0.00	51.40 -0.05 0.00	51.07 -0.29 0.00	56.62 0.01 0.00	77.24 0.96 0.00	51.16 1.22 0.00	50.53 1.83 0.00	51.69 1.77 0.00	52.52 1.73 0.00	51.03 1.58 0.00	47.85 1.12 0.00	53.71 1.50 0.00
INDECK___ILION 23567	63.17 0.43 0.00	58.06 0.44 0.00	55.98 0.38 0.00	52.35 0.41 0.00	52.92 0.49 0.00	52.64 0.44 0.00	58.56 0.48 0.00	56.32 0.32 0.00	50.66 -0.14 0.00	54.79 -0.48 0.00	45.05 -0.47 0.00	50.13 -0.56 0.00	50.10 -0.47 0.00	50.86 -0.58 0.00	50.73 -0.63 0.00	55.89 -0.73 0.00	75.53 -0.75 0.00	49.94 -0.01 0.00	49.21 0.51 0.00	50.47 0.56 0.00	51.19 0.41 0.00	49.80 0.36 0.00	46.97 0.24 0.00	52.54 0.33 0.00
INDECK___OLEAN 23982	35.72 0.52 27.55	29.89 0.25 27.98	40.04 0.16 15.73	43.16 0.05 8.83	43.34 0.30 9.40	38.19 0.07 14.08	39.39 0.64 19.33	44.68 0.65 11.97	39.34 0.66 12.13	56.14 1.70 0.84	42.62 0.96 3.86	52.44 1.76 0.00	51.03 0.46 0.00	51.45 0.66 0.66	51.44 0.55 0.47	55.63 0.58 1.56	78.19 1.91 0.00	51.49 1.54 0.00	51.14 2.44 0.00	51.84 1.93 0.00	48.37 1.37 3.78	42.15 0.37 7.66	36.64 0.00 10.10	44.51 -0.06 7.64
INDECK___OSWEGO 23783	61.39 -1.35 0.00	56.32 -1.30 0.00	54.28 -1.32 0.00	50.68 -1.25 0.00	51.18 -1.26 0.00	50.96 -1.23 0.00	56.79 -1.29 0.00	54.74 -1.25 0.00	49.59 -1.21 0.00	53.85 -1.42 0.00	44.29 -1.22 0.00	49.37 -1.31 0.00	49.21 -1.36 0.00	50.12 -1.32 0.00	50.15 -1.22 0.00	55.22 -1.39 0.00	74.58 -1.70 0.00	49.07 -0.88 0.00	48.05 -0.65 0.00	49.13 -0.79 0.00	49.86 -0.92 0.00	48.43 -1.01 0.00	45.70 -1.03 0.00	50.96 -1.25 0.00
INDECK___YERKES 23781	48.54 1.11 15.31	42.89 0.83 15.55	47.69 0.83 8.74	47.46 0.43 4.91	47.70 0.48 5.22	44.50 0.13 7.82	47.69 0.35 10.75	49.30 -0.04 6.65	44.12 0.05 6.74	54.78 -0.03 0.46	43.62 0.25 2.14	51.22 0.54 0.00	50.58 0.00 0.00	51.96 0.86 0.35	52.20 1.09 0.25	57.02 1.25 0.84	77.59 1.31 0.00	50.92 0.97 0.00	49.32 0.63 0.00	49.88 -0.03 0.00	48.63 -0.12 2.03	44.86 -0.47 4.12	41.16 -0.15 5.43	47.61 -0.50 4.11
INDIAN POINT_GT_1 24139	64.35 1.61 0.00	59.10 1.48 0.00	56.96 1.36 0.00	53.26 1.32 0.00	53.78 1.34 0.00	53.68 1.49 0.00	59.65 1.56 0.00	57.73 1.74 0.00	55.06 2.09 -2.16	57.89 2.62 0.00	51.40 2.41 -3.48	53.34 2.65 0.00	53.12 2.55 0.00	53.87 2.42 0.00	53.99 2.63 0.00	59.48 2.87 0.00	80.70 4.42 0.00	53.40 3.45 0.00	52.28 3.58 0.00	52.82 2.91 0.00	52.69 1.90 0.00	50.99 1.55 0.00	48.25 1.51 0.00	54.07 1.86 0.00
INDIAN POINT_GT_2 23659	64.35 1.61 0.00	59.10 1.48 0.00	56.96 1.36 0.00	53.26 1.32 0.00	53.78 1.34 0.00	53.68 1.49 0.00	59.65 1.56 0.00	57.73 1.74 0.00	55.06 2.09 -2.16	57.89 2.62 0.00	51.40 2.41 -3.48	53.34 2.65 0.00	53.12 2.55 0.00	53.87 2.42 0.00	53.99 2.63 0.00	59.48 2.87 0.00	80.70 4.42 0.00	53.40 3.45 0.00	52.28 3.58 0.00	52.82 2.91 0.00	52.69 1.90 0.00	50.99 1.55 0.00	48.25 1.51 0.00	54.07 1.86 0.00
INDIAN POINT_GT_3 24019	64.35 1.61 0.00	59.10 1.48 0.00	56.96 1.36 0.00	53.26 1.32 0.00	53.78 1.34 0.00	53.68 1.49 0.00	59.65 1.56 0.00	57.73 1.74 0.00	55.06 2.09 -2.16	57.89 2.62 0.00	51.40 2.41 -3.48	53.34 2.65 0.00	53.12 2.55 0.00	53.87 2.42 0.00	53.99 2.63 0.00	59.48 2.87 0.00	80.70 4.42 0.00	53.40 3.45 0.00	52.28 3.58 0.00	52.82 2.91 0.00	52.69 1.90 0.00	50.99 1.55 0.00	48.25 1.51 0.00	54.07 1.86 0.00
INDIAN POINT___2 23530	64.28 1.54 0.00	59.00 1.38 0.00	56.84 1.24 0.00	53.15 1.22 0.00	53.68 1.24 0.00	53.56 1.36 0.00	59.50 1.42 0.00	57.60 1.61 0.00	56.27 1.97 -3.50	57.77 2.50 0.00	53.43 2.28 -5.63	53.23 2.55 0.00	53.06 2.49 0.00	53.82 2.37 0.00	53.95 2.59 0.00	59.43 2.81 0.00	80.65 4.37 0.00	53.37 3.42 0.00	52.25 3.55 0.00	52.81 2.90 0.00	52.66 1.87 0.00	50.94 1.50 0.00	48.21 1.48 0.00	54.04 1.83 0.00
INDIAN POINT___3 23531	64.38 1.64 0.00	59.12 1.50 0.00	56.99 1.39 0.00	53.33 1.39 0.00	53.87 1.43 0.00	53.77 1.57 0.00	59.72 1.63 0.00	57.79 1.80 0.00	54.61 2.20 -1.61	57.98 2.71 0.00	50.65 2.55 -2.59	53.39 2.71 0.00	53.16 2.59 0.00	53.89 2.44 0.00	54.00 2.63 0.00	59.47 2.86 0.00	80.65 4.37 0.00	53.39 3.44 0.00	52.25 3.55 0.00	52.78 2.86 0.00	52.66 1.88 0.00	50.97 1.53 0.00	48.20 1.47 0.00	54.03 1.82 0.00
INDIANHD_69_KV_BK1 55831	63.79 1.05 0.00	59.25 1.62 0.00	57.91 2.31 0.00	54.16 2.22 0.00	54.77 2.34 0.00	54.86 2.67 0.00	60.25 2.16 0.00	58.78 2.79 0.00	56.11 3.68 -1.62	59.06 3.79 0.00	53.00 3.71 -3.77	54.42 3.62 -0.12	54.07 3.50 0.00	54.92 3.47 0.00	55.19 3.82 0.00	60.26 3.74 0.09	79.87 5.03 1.44	53.22 4.20 0.93	53.05 4.35 0.00	53.20 3.29 0.00	52.45 1.67 0.00	51.17 1.73 0.00	48.39 1.65 0.00	54.49 2.28 0.00
INGHAM_C_115KV_TB7 356103	63.58 0.84 0.00	58.50 0.88 0.00	56.37 0.76 0.00	52.75 0.81 0.00	53.41 0.98 0.00	53.07 0.87 0.00	59.00 0.92 0.00	56.55 0.55 0.00	50.28 -0.52 0.00	53.92 -1.35 0.00	44.24 -1.28 0.00	49.19 -1.49 0.00	49.26 -1.31 0.00	49.89 -1.56 0.00	49.67 -1.69 0.00	54.73 -1.89 0.00	74.23 -2.05 0.00	49.50 -0.45 0.00	49.34 0.65 0.00	50.79 0.87 0.00	51.46 0.67 0.00	50.12 0.67 0.00	47.17 0.44 0.00	52.80 0.59 0.00

IP CORINTH___1 23988	64.95 2.21 0.00	59.70 2.07 0.00	57.69 2.09 0.00	53.92 1.99 0.00	54.48 2.04 0.00	54.21 2.01 0.00	60.29 2.20 0.00	57.76 1.77 0.00	51.85 1.04 0.00	55.96 0.69 0.00	45.52 0.00 0.00	50.37 -0.32 0.00	50.81 0.24 0.00	51.70 0.25 0.00	51.37 0.00 0.00	56.95 0.34 0.00	77.68 1.40 0.00	51.45 1.50 0.00	50.80 2.11 0.00	51.97 2.06 0.00	52.82 2.03 0.00	51.31 1.87 0.00	48.12 1.39 0.00	54.01 1.80 0.00
IP___TICONDEROGA 23804	68.44 5.70 0.00	63.03 5.41 0.00	60.99 5.39 0.00	57.03 5.09 0.00	57.57 5.14 0.00	57.16 4.97 0.00	63.89 5.80 0.00	60.74 4.75 0.00	53.62 2.81 0.00	57.73 2.45 0.00	46.75 1.23 0.00	51.56 0.88 0.00	52.87 2.30 0.00	53.54 2.09 0.00	52.86 1.49 0.00	58.70 2.09 0.00	80.75 4.47 0.00	53.92 3.97 0.00	52.87 4.17 0.00	54.77 4.85 0.00	55.49 4.71 0.00	53.90 4.46 0.00	50.61 3.88 0.00	56.90 4.69 0.00
ISLIP_RES_REC 323679	64.26 1.52 0.00	59.61 1.99 0.00	58.18 2.58 0.00	54.42 2.48 0.00	55.05 2.61 0.00	55.14 2.94 0.00	60.60 2.52 0.00	59.18 3.18 0.00	56.50 4.07 -1.62	59.52 4.25 0.00	53.42 4.13 -3.77	54.81 4.01 -0.12	54.55 3.98 0.00	55.45 4.00 0.00	55.70 4.34 0.00	61.16 4.30 -0.24	86.02 5.90 -3.85	57.23 4.81 -2.48	53.59 4.89 0.00	53.70 3.78 0.00	53.00 2.22 0.00	51.72 2.28 0.00	48.83 2.10 0.00	54.83 2.61 0.00
JAMAICA___27_KV_LOAD 355505	65.46 2.72 0.00	60.07 2.44 0.00	57.86 2.26 0.00	54.08 2.14 0.00	54.53 2.10 0.00	54.21 2.01 0.00	60.37 2.29 0.00	58.36 2.37 0.00	55.30 2.86 -1.64	58.76 3.49 0.00	51.17 3.02 -2.63	53.92 3.24 0.00	53.79 3.21 0.00	54.60 3.15 0.00	54.73 3.37 0.00	60.39 3.78 0.00	81.94 5.66 0.00	54.22 4.27 0.00	53.05 4.35 0.00	53.58 3.67 0.00	53.46 2.67 0.00	51.68 2.23 0.00	49.08 2.35 0.00	54.86 2.65 0.00
JANIS___SOLAR 323808	70.87 2.94 -5.19	65.32 2.43 -5.27	60.79 2.23 -2.96	55.49 1.89 -1.66	56.16 1.95 -1.77	56.84 1.99 -2.65	64.25 2.52 -3.64	60.42 2.17 -2.26	54.59 1.51 -2.28	56.77 1.34 -0.16	46.72 0.48 -0.73	51.10 0.42 0.00	50.71 0.13 0.00	51.61 0.04 -0.12	51.47 0.02 -0.09	57.02 0.11 -0.29	77.34 1.06 0.00	51.25 1.30 0.00	51.41 2.71 0.00	53.01 3.10 0.00	54.21 2.73 -0.70	53.13 2.28 -1.41	50.42 1.83 -1.86	55.39 1.78 -1.41
JARVIS____ 23743	62.74 0.00 0.00	57.67 0.05 0.00	55.61 0.01 0.00	51.98 0.04 0.00	52.49 0.05 0.00	52.25 0.05 0.00	58.14 0.06 0.00	56.04 0.05 0.00	50.80 0.00 0.00	55.23 -0.04 0.00	45.47 -0.05 0.00	50.59 -0.09 0.00	50.52 -0.05 0.00	51.35 -0.09 0.00	51.29 -0.07 0.00	56.53 -0.08 0.00	76.28 0.00 0.00	50.11 0.16 0.00	48.98 0.28 0.00	50.11 0.19 0.00	50.86 0.08 0.00	49.47 0.03 0.00	46.74 0.01 0.00	52.24 0.03 0.00
JENNISON___1 23625	65.59 2.85 0.00	60.01 2.39 0.00	57.80 2.20 0.00	53.87 1.94 0.00	54.44 2.01 0.00	54.25 2.05 0.00	60.58 2.50 0.00	57.81 1.81 0.00	52.33 1.53 0.00	56.99 1.72 0.00	46.56 1.05 0.00	52.03 1.35 0.00	51.60 1.02 0.00	52.33 0.88 0.00	52.03 0.67 0.00	57.31 0.70 0.00	78.25 1.97 0.00	51.86 1.91 0.00	51.63 2.93 0.00	53.00 3.09 0.00	53.18 2.40 0.00	51.43 1.99 0.00	48.28 1.54 0.00	53.88 1.67 0.00
JENNISON___2 23626	65.59 2.85 0.00	60.01 2.39 0.00	57.80 2.20 0.00	53.87 1.94 0.00	54.44 2.01 0.00	54.25 2.05 0.00	60.58 2.50 0.00	57.81 1.81 0.00	52.33 1.53 0.00	56.99 1.72 0.00	46.56 1.05 0.00	52.03 1.35 0.00	51.60 1.02 0.00	52.33 0.88 0.00	52.03 0.67 0.00	57.31 0.70 0.00	78.25 1.97 0.00	51.86 1.91 0.00	51.63 2.93 0.00	53.00 3.09 0.00	53.18 2.40 0.00	51.43 1.99 0.00	48.28 1.54 0.00	53.88 1.67 0.00
JERICHO_RISE_WT_PWR 323719	62.79 0.05 0.00	57.70 0.07 0.00	55.74 0.14 0.00	52.02 0.08 0.00	52.42 -0.01 0.00	52.21 0.01 0.00	58.13 0.05 0.00	56.04 0.05 0.00	50.88 0.07 0.00	55.36 0.09 0.00	45.59 0.07 0.00	50.69 0.01 0.00	50.68 0.10 0.00	51.66 0.21 0.00	51.38 0.01 0.00	56.55 -0.06 0.00	76.15 -0.13 0.00	49.48 -0.47 0.00	48.07 -0.63 0.00	49.60 -0.31 0.00	50.72 -0.07 0.00	49.60 0.15 0.00	47.00 0.27 0.00	52.48 0.27 0.00
KATONAH___115KV_46KV_TB4 355592	64.75 2.00 0.00	59.45 1.83 0.00	57.31 1.71 0.00	53.59 1.65 0.00	54.12 1.68 0.00	54.02 1.82 0.00	60.06 1.98 0.00	58.13 2.14 0.00	54.27 2.48 -0.99	58.29 3.02 0.00	49.87 2.77 -1.59	53.69 3.01 0.00	53.44 2.87 0.00	54.21 2.77 0.00	54.32 2.96 0.00	59.86 3.25 0.00	81.20 4.91 0.00	53.72 3.76 0.00	52.54 3.84 0.00	53.07 3.16 0.00	52.97 2.18 0.00	51.26 1.82 0.00	48.49 1.75 0.00	54.30 2.08 0.00
KCE_NY_1 323755	64.92 2.18 0.00	59.76 2.14 0.00	57.71 2.10 0.00	53.91 1.97 0.00	54.53 2.09 0.00	54.23 2.03 0.00	60.35 2.26 0.00	57.92 1.93 0.00	52.15 1.35 0.00	56.45 1.18 0.00	46.25 0.73 0.00	51.36 0.68 0.00	51.55 0.98 0.00	52.36 0.92 0.00	52.23 0.87 0.00	57.74 1.13 0.00	78.37 2.09 0.00	51.77 1.82 0.00	50.91 2.21 0.00	51.97 2.06 0.00	52.67 1.88 0.00	51.29 1.85 0.00	48.19 1.45 0.00	54.03 1.81 0.00
KCE_NY_6_ESR 323823	47.63 1.43 16.54	41.90 1.08 16.81	47.28 1.12 9.44	47.35 0.71 5.30	47.59 0.80 5.64	44.17 0.42 8.45	47.24 0.77 11.61	49.22 0.41 7.19	43.97 0.45 7.28	55.20 0.43 0.50	43.72 0.51 2.32	51.61 0.93 0.00	50.94 0.37 0.00	52.30 1.24 0.38	52.53 1.44 0.27	57.35 1.64 0.91	78.36 2.08 0.00	51.40 1.46 0.00	49.90 1.21 0.00	50.47 0.56 0.00	49.12 0.53 2.20	45.17 0.17 4.45	41.25 0.38 5.86	47.82 0.04 4.44
KEDC_PORT_JEFF_GT2 24210	63.70 0.96 0.00	59.13 1.51 0.00	57.74 2.14 0.00	54.01 2.08 0.00	54.64 2.20 0.00	54.73 2.53 0.00	60.10 2.01 0.00	58.65 2.66 0.00	56.02 3.60 -1.62	58.96 3.69 0.00	52.94 3.65 -3.77	54.32 3.52 -0.12	54.00 3.43 0.00	54.85 3.40 0.00	55.07 3.71 0.00	60.20 3.36 -0.23	84.23 4.34 -3.60	56.04 3.78 -2.32	52.58 3.88 0.00	52.72 2.80 0.00	52.03 1.25 0.00	50.87 1.43 0.00	48.13 1.40 0.00	54.37 2.16 0.00
KEDC_PORT_JEFF_GT3 24211	63.70 0.96 0.00	59.13 1.51 0.00	57.74 2.14 0.00	54.01 2.08 0.00	54.64 2.20 0.00	54.73 2.53 0.00	60.10 2.01 0.00	58.65 2.66 0.00	56.02 3.60 -1.62	58.96 3.69 0.00	52.94 3.65 -3.77	54.32 3.52 -0.12	54.00 3.43 0.00	54.85 3.40 0.00	55.07 3.71 0.00	60.20 3.36 -0.23	84.23 4.34 -3.60	56.04 3.78 -2.32	52.58 3.88 0.00	52.72 2.80 0.00	52.03 1.25 0.00	50.87 1.43 0.00	48.13 1.40 0.00	54.37 2.16 0.00
KEDC_GLWD_GT4 24219	64.85 2.11 0.00	59.75 2.13 0.00	57.79 2.19 0.00	54.04 2.10 0.00	54.60 2.16 0.00	54.56 2.36 0.00	60.37 2.29 0.00	58.62 2.63 0.00	55.60 3.17 -1.62	58.90 3.63 0.00	52.78 3.49 -3.77	54.51 3.71 -0.12	54.12 3.55 0.00	54.89 3.44 0.00	54.77 3.40 0.00	60.23 3.62 0.00	81.51 5.23 0.00	54.05 4.10 0.00	52.95 4.25 0.00	53.36 3.44 0.00	52.87 2.09 0.00	51.24 1.79 0.00	48.49 1.75 0.00	54.67 2.46 0.00

KEDC_GLWD_GT5 24220	64.85 2.11 0.00	59.75 2.13 0.00	57.79 2.19 0.00	54.04 2.10 0.00	54.60 2.16 0.00	54.56 2.36 0.00	60.37 2.29 0.00	58.62 2.63 0.00	55.60 3.17 -1.62	58.90 3.63 0.00	52.78 3.49 -3.77	54.51 3.71 -0.12	54.12 3.55 0.00	54.89 3.44 0.00	54.77 3.40 0.00	60.23 3.62 0.00	81.51 5.23 0.00	54.05 4.10 0.00	52.95 4.25 0.00	53.36 3.44 0.00	52.87 2.09 0.00	51.24 1.79 0.00	48.49 1.75 0.00	54.67 2.46 0.00
KENSICO____ 23655	64.56 1.82 0.00	59.29 1.67 0.00	57.16 1.56 0.00	53.46 1.52 0.00	53.99 1.55 0.00	53.90 1.70 0.00	59.88 1.80 0.00	57.97 1.97 0.00	54.93 2.36 -1.76	58.16 2.89 0.00	51.02 2.68 -2.83	53.56 2.88 0.00	53.31 2.74 0.00	54.05 2.61 0.00	54.16 2.80 0.00	59.67 3.06 0.00	80.95 4.67 0.00	53.56 3.61 0.00	52.41 3.71 0.00	52.94 3.03 0.00	52.80 2.01 0.00	51.10 1.65 0.00	48.37 1.63 0.00	54.23 2.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	64.94 2.20 0.00	59.53 1.91 0.00	57.31 1.71 0.00	53.55 1.61 0.00	54.09 1.65 0.00	53.98 1.79 0.00	60.05 1.97 0.00	58.13 2.13 0.00	52.70 2.26 0.36	57.94 2.67 0.00	47.24 2.30 0.58	53.24 2.56 0.00	53.14 2.57 0.00	53.88 2.43 0.00	54.06 2.69 0.00	59.60 2.99 0.00	81.00 4.72 0.00	53.74 3.79 0.00	52.72 4.03 0.00	53.37 3.46 0.00	53.34 2.56 0.00	51.56 2.12 0.00	48.68 1.94 0.00	54.41 2.20 0.00
KIAC_JFK_GT1 23816	64.79 2.05 0.00	59.61 1.99 0.00	57.45 1.85 0.00	53.70 1.76 0.00	54.18 1.74 0.00	53.85 1.65 0.00	59.87 1.79 0.00	57.79 1.80 0.00	54.78 2.34 -1.64	58.20 2.93 0.00	50.70 2.55 -2.63	53.39 2.71 0.00	53.25 2.68 0.00	54.05 2.60 0.00	54.16 2.80 0.00	59.77 3.15 0.00	81.08 4.79 0.00	53.66 3.71 0.00	52.49 3.79 0.00	53.01 3.10 0.00	52.88 2.09 0.00	51.13 1.69 0.00	48.58 1.85 0.00	54.31 2.09 0.00
KIAC_JFK_GT2 23817	64.79 2.05 0.00	59.61 1.99 0.00	57.45 1.85 0.00	53.70 1.76 0.00	54.18 1.74 0.00	53.85 1.65 0.00	59.87 1.79 0.00	57.79 1.80 0.00	54.78 2.34 -1.64	58.20 2.93 0.00	50.70 2.55 -2.63	53.39 2.71 0.00	53.25 2.68 0.00	54.05 2.60 0.00	54.16 2.80 0.00	59.77 3.15 0.00	81.08 4.79 0.00	53.66 3.71 0.00	52.49 3.79 0.00	53.01 3.10 0.00	52.88 2.09 0.00	51.13 1.69 0.00	48.58 1.85 0.00	54.31 2.09 0.00
KIAC_JFK____ 323774	64.78 2.04 0.00	59.60 1.98 0.00	57.44 1.84 0.00	53.69 1.76 0.00	54.18 1.74 0.00	53.85 1.65 0.00	59.87 1.78 0.00	57.78 1.78 0.00	54.79 2.34 -1.64	58.20 2.93 0.00	50.71 2.56 -2.63	53.38 2.70 0.00	53.25 2.68 0.00	54.04 2.60 0.00	54.16 2.80 0.00	59.76 3.15 0.00	81.08 4.79 0.00	53.66 3.71 0.00	52.49 3.79 0.00	53.02 3.10 0.00	52.88 2.10 0.00	51.12 1.68 0.00	48.58 1.84 0.00	54.30 2.09 0.00
KINTIGH__24_KV_GSU 356498	50.20 0.22 12.76	44.71 0.05 12.97	48.42 0.11 7.29	47.66 -0.18 4.09	47.96 -0.13 4.35	45.24 -0.44 6.52	48.84 -0.29 8.96	49.85 -0.59 5.54	44.70 -0.49 5.62	54.30 -0.58 0.39	43.43 -0.31 1.79	50.60 -0.08 0.00	50.06 -0.51 0.00	51.36 0.20 0.30	51.52 0.36 0.21	56.39 0.48 0.70	76.73 0.45 0.00	50.29 0.34 0.00	48.81 0.11 0.00	49.45 -0.46 0.00	48.51 -0.57 1.71	45.16 -0.83 3.45	41.63 -0.55 4.55	47.90 -0.87 3.45
KINTIGH____ 23543	62.92 0.18 0.00	57.63 0.00 0.00	55.62 0.02 0.00	51.71 -0.23 0.00	52.27 -0.17 0.00	51.70 -0.50 0.00	57.74 -0.35 0.00	55.35 -0.64 0.00	50.26 -0.54 0.00	54.65 -0.62 0.00	45.20 -0.32 0.00	50.54 -0.14 0.00	50.02 -0.55 0.00	51.63 0.18 0.00	51.70 0.34 0.00	57.05 0.43 0.00	76.68 0.40 0.00	50.25 0.30 0.00	48.78 0.08 0.00	49.42 -0.50 0.00	50.17 -0.61 0.00	48.57 -0.87 0.00	46.14 -0.60 0.00	51.32 -0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	64.23 1.49 0.00	58.97 1.35 0.00	56.92 1.32 0.00	53.26 1.32 0.00	53.71 1.27 0.00	53.45 1.25 0.00	59.61 1.52 0.00	57.32 1.33 0.00	51.92 1.12 0.00	56.42 1.15 0.00	46.37 0.85 0.00	51.47 0.79 0.00	51.73 1.16 0.00	52.79 1.34 0.00	52.55 1.19 0.00	57.73 1.12 0.00	77.38 1.10 0.00	50.28 0.33 0.00	48.89 0.19 0.00	50.36 0.44 0.00	51.45 0.67 0.00	50.38 0.94 0.00	47.66 0.93 0.00	53.22 1.01 0.00
LACHUTE__HYDRO 323717	68.44 5.70 0.00	63.03 5.41 0.00	60.99 5.39 0.00	57.03 5.10 0.00	57.57 5.14 0.00	57.16 4.97 0.00	63.89 5.80 0.00	60.74 4.75 0.00	53.62 2.81 0.00	57.71 2.45 0.00	46.75 1.23 0.00	51.56 0.88 0.00	52.87 2.30 0.00	53.54 2.09 0.00	52.86 1.49 0.00	58.70 2.09 0.00	80.75 4.47 0.00	53.92 3.97 0.00	52.88 4.18 0.00	54.77 4.85 0.00	55.49 4.71 0.00	53.90 4.45 0.00	50.61 3.88 0.00	56.90 4.69 0.00
LAWRNCV_115KV_TB1 80681	63.55 0.81 0.00	58.34 0.72 0.00	56.39 0.79 0.00	52.63 0.69 0.00	53.01 0.58 0.00	52.83 0.63 0.00	58.83 0.75 0.00	56.64 0.64 0.00	51.13 0.33 0.00	55.49 0.22 0.00	45.67 0.15 0.00	50.90 0.22 0.00	50.79 0.21 0.00	51.47 0.02 0.00	50.74 -0.63 0.00	55.73 -0.88 0.00	74.61 -1.67 0.00	48.44 -1.51 0.00	47.12 -1.57 0.00	49.05 -0.87 0.00	50.62 -0.16 0.00	49.60 0.15 0.00	47.24 0.50 0.00	52.83 0.61 0.00
LEDERLE____ 23769	64.73 1.98 0.00	59.39 1.77 0.00	57.21 1.61 0.00	53.52 1.58 0.00	54.04 1.60 0.00	53.95 1.75 0.00	59.93 1.85 0.00	58.02 2.02 0.00	49.52 2.38 3.67	58.22 2.95 0.00	42.35 2.73 5.90	53.74 3.06 0.00	53.57 2.99 0.00	54.34 2.89 0.00	54.48 3.12 0.00	60.03 3.42 0.00	81.48 5.20 0.00	53.92 3.97 0.00	52.80 4.10 0.00	53.31 3.39 0.00	53.13 2.35 0.00	51.38 1.93 0.00	48.56 1.82 0.00	54.38 2.17 0.00
LIGHTHSE_115KV_TB6 355974	62.65 -0.09 0.00	57.51 -0.11 0.00	55.44 -0.17 0.00	51.72 -0.21 0.00	52.23 -0.20 0.00	52.06 -0.14 0.00	58.07 -0.01 0.00	55.90 -0.09 0.00	50.45 -0.36 0.00	54.59 -0.68 0.00	44.79 -0.73 0.00	49.91 -0.77 0.00	49.70 -0.87 0.00	50.68 -0.76 0.00	50.67 -0.70 0.00	55.62 -0.99 0.00	75.33 -0.95 0.00	49.72 -0.23 0.00	48.89 0.19 0.00	50.18 0.26 0.00	51.06 0.28 0.00	49.69 0.24 0.00	46.68 -0.06 0.00	52.05 -0.16 0.00
LINDEN COGEN____ 23786	32.08 1.89 32.55	32.08 1.68 27.22	32.08 1.51 25.03	32.08 1.47 21.33	32.08 1.49 21.85	32.08 1.63 21.75	32.08 1.74 27.75	35.49 1.98 22.49	-834.74 2.40 887.94	-697.05 3.02 755.34	-696.98 2.78 745.28	-1567.14 3.02 1620.83	-11.51 2.86 64.94	49.14 2.73 5.04	50.70 2.96 3.62	50.77 3.24 9.08	51.15 4.97 30.10	50.89 3.81 2.87	50.59 3.90 2.01	48.06 3.19 5.05	32.08 2.10 20.81	32.08 1.74 19.10	32.08 1.78 16.44	32.05 2.18 22.35
LINDHRST_69_KV_BK1 356055	64.76 2.02 0.00	59.98 2.35 0.00	58.42 2.83 0.00	54.59 2.65 0.00	55.21 2.77 0.00	55.24 3.05 0.00	60.82 2.74 0.00	59.26 3.27 0.00	56.46 4.03 -1.62	59.52 4.25 0.00	53.37 4.08 -3.77	54.96 4.15 -0.12	54.57 4.00 0.00	55.43 3.98 0.00	55.67 4.30 0.00	61.11 4.41 -0.08	83.72 6.13 -1.31	55.68 4.89 -0.84	53.79 5.09 0.00	54.04 4.13 0.00	53.32 2.54 0.00	51.87 2.42 0.00	49.03 2.30 0.00	55.03 2.81 0.00

LIPA_MISC_IPP 23656	63.45 0.72 0.00	58.91 1.28 0.00	57.56 1.96 0.00	53.81 1.87 0.00	54.44 2.01 0.00	54.55 2.35 0.00	59.93 1.85 0.00	58.48 2.49 0.00	55.86 3.43 -1.62	58.80 3.52 0.00	52.77 3.48 -3.77	54.10 3.30 -0.12	53.79 3.21 0.00	54.57 3.12 0.00	54.84 3.47 0.00	60.29 3.38 -0.30	85.77 4.69 -4.80	57.08 4.04 -3.09	52.77 4.07 0.00	52.92 3.00 0.00	52.33 1.54 0.00	51.21 1.77 0.00	48.29 1.56 0.00	54.12 1.91 0.00
LISF___SOLAR 323691	63.58 0.84 0.00	59.00 1.38 0.00	57.62 2.03 0.00	53.90 1.97 0.00	54.54 2.10 0.00	54.64 2.45 0.00	60.01 1.93 0.00	58.60 2.60 0.00	55.96 3.53 -1.62	58.86 3.59 0.00	52.85 3.55 -3.77	54.16 3.36 -0.12	53.85 3.28 0.00	54.64 3.19 0.00	54.91 3.54 0.00	60.37 3.47 -0.29	85.75 4.86 -4.61	57.10 4.19 -2.96	52.92 4.22 0.00	53.07 3.16 0.00	52.48 1.69 0.00	51.35 1.91 0.00	48.42 1.68 0.00	54.23 2.02 0.00
LITTLE FALLS___HYD 24013	63.58 0.84 0.00	58.50 0.88 0.00	56.37 0.76 0.00	52.75 0.81 0.00	53.41 0.98 0.00	53.07 0.87 0.00	59.00 0.92 0.00	56.55 0.55 0.00	50.28 -0.52 0.00	53.92 -1.35 0.00	44.24 -1.28 0.00	49.19 -1.49 0.00	49.26 -1.31 0.00	49.89 -1.56 0.00	49.67 -1.69 0.00	54.73 -1.89 0.00	74.23 -2.05 0.00	49.50 -0.45 0.00	49.34 0.65 0.00	50.79 0.87 0.00	51.46 0.67 0.00	50.12 0.67 0.00	47.17 0.44 0.00	52.80 0.59 0.00
LITTLRIV_115KV_TB1 356100	64.41 1.67 0.00	59.13 1.51 0.00	57.13 1.53 0.00	53.31 1.37 0.00	53.71 1.28 0.00	53.56 1.36 0.00	59.72 1.63 0.00	57.37 1.38 0.00	51.51 0.71 0.00	55.84 0.57 0.00	45.91 0.39 0.00	51.31 0.62 0.00	51.32 0.74 0.00	51.80 0.36 0.00	50.88 -0.49 0.00	56.09 -0.52 0.00	74.76 -1.52 0.00	48.68 -1.26 0.00	47.46 -1.24 0.00	49.69 -0.23 0.00	51.60 0.82 0.00	50.31 0.86 0.00	47.88 1.14 0.00	53.50 1.29 0.00
LI_NEWBRDGE___DRP 323616	63.88 1.14 0.00	59.12 1.50 0.00	57.44 1.84 0.00	53.70 1.77 0.00	54.29 1.85 0.00	54.30 2.10 0.00	59.81 1.73 0.00	58.23 2.23 0.00	55.35 2.92 -1.62	58.39 3.12 0.00	52.39 3.10 -3.77	53.93 3.13 -0.12	53.52 2.95 0.00	54.29 2.84 0.00	54.48 3.12 0.00	59.78 3.17 0.00	80.73 4.45 0.00	53.64 3.69 0.00	52.70 4.00 0.00	53.10 3.18 0.00	52.34 1.55 0.00	50.89 1.44 0.00	48.18 1.45 0.00	54.13 1.92 0.00
LOCKPORT_115KV_TB60_63_64 80432	63.24 0.50 0.00	57.89 0.27 0.00	55.89 0.29 0.00	51.86 -0.08 0.00	52.43 0.00 0.00	51.79 -0.41 0.00	57.88 -0.20 0.00	55.46 -0.54 0.00	50.34 -0.46 0.00	54.66 -0.61 0.00	45.17 -0.34 0.00	50.52 -0.16 0.00	49.92 -0.66 0.00	51.75 0.30 0.00	51.94 0.58 0.00	57.34 0.73 0.00	76.83 0.55 0.00	50.52 0.57 0.00	48.94 0.24 0.00	49.52 0.52 0.00	50.27 -0.51 0.00	48.62 -0.82 0.00	46.24 -0.50 0.00	51.35 -0.87 0.00
LOCKPORT___CC1 323769	49.24 0.45 13.94	43.75 0.29 14.16	47.98 0.34 7.96	47.41 -0.06 4.47	47.71 0.03 4.76	44.72 -0.35 7.13	48.15 -0.15 9.78	49.43 -0.51 6.06	44.23 -0.44 6.13	54.27 -0.58 0.42	43.22 -0.35 1.95	50.55 -0.13 0.00	49.93 -0.65 0.00	51.42 0.30 0.32	51.67 0.54 0.23	56.54 0.69 0.76	76.81 0.53 0.00	50.49 0.54 0.00	48.91 0.22 0.00	49.48 -0.43 0.00	48.43 -0.52 1.84	44.90 -0.82 3.72	41.34 -0.48 4.91	47.65 -0.85 3.72
LOCKPORT___CC2 323770	49.24 0.45 13.94	43.75 0.29 14.16	47.98 0.34 7.96	47.41 -0.06 4.47	47.71 0.03 4.76	44.72 -0.35 7.13	48.15 -0.15 9.78	49.43 -0.51 6.06	44.23 -0.44 6.13	54.27 -0.58 0.42	43.22 -0.35 1.95	50.55 -0.13 0.00	49.93 -0.65 0.00	51.42 0.30 0.32	51.67 0.54 0.23	56.54 0.69 0.76	76.81 0.53 0.00	50.49 0.54 0.00	48.91 0.22 0.00	49.48 -0.43 0.00	48.43 -0.52 1.84	44.90 -0.82 3.72	41.34 -0.48 4.91	47.65 -0.85 3.72
LOCKPORT___CC3 323771	49.24 0.45 13.94	43.75 0.29 14.16	47.98 0.34 7.96	47.41 -0.06 4.47	47.71 0.03 4.76	44.72 -0.35 7.13	48.15 -0.15 9.78	49.43 -0.51 6.06	44.23 -0.44 6.13	54.27 -0.58 0.42	43.22 -0.35 1.95	50.55 -0.13 0.00	49.93 -0.65 0.00	51.42 0.30 0.32	51.67 0.54 0.23	56.54 0.69 0.76	76.81 0.53 0.00	50.49 0.54 0.00	48.91 0.22 0.00	49.48 -0.43 0.00	48.43 -0.52 1.84	44.90 -0.82 3.72	41.34 -0.48 4.91	47.65 -0.85 3.72
LOCUSVLY_69_KV_BK2 55797	64.83 2.09 0.00	59.88 2.26 0.00	58.03 2.43 0.00	54.20 2.26 0.00	54.79 2.35 0.00	54.76 2.57 0.00	60.47 2.39 0.00	58.84 2.85 0.00	55.86 3.43 -1.62	59.06 3.79 0.00	53.00 3.71 -3.77	54.68 3.88 -0.12	54.35 3.78 0.00	55.15 3.71 0.00	55.27 3.91 0.00	60.58 4.03 0.07	81.01 5.80 1.08	53.75 4.50 0.69	53.33 4.63 0.00	53.69 3.77 0.00	53.07 2.29 0.00	51.50 2.06 0.00	48.74 2.00 0.00	54.80 2.58 0.00
LONG_LAKE_PHOENIX 24014	61.72 -1.02 0.00	56.55 -1.07 0.00	54.54 -1.06 0.00	50.92 -1.02 0.00	51.42 -1.02 0.00	51.19 -1.00 0.00	57.04 -1.05 0.00	55.01 -0.99 0.00	49.83 -0.98 0.00	54.11 -1.16 0.00	44.50 -1.02 0.00	49.59 -1.09 0.00	49.42 -1.15 0.00	50.34 -1.11 0.00	50.37 -0.99 0.00	55.52 -1.09 0.00	74.93 -1.35 0.00	49.32 -0.63 0.00	48.29 -0.41 0.00	49.42 -0.50 0.00	50.13 -0.66 0.00	48.66 -0.79 0.00	45.91 -0.82 0.00	51.19 -1.02 0.00
LOVETT___3 23632	64.32 1.58 0.00	59.08 1.45 0.00	56.96 1.36 0.00	53.32 1.38 0.00	53.85 1.41 0.00	53.76 1.57 0.00	59.67 1.59 0.00	57.75 1.76 0.00	48.70 2.20 4.30	57.97 2.70 0.00	41.17 2.58 6.92	53.42 2.74 0.00	53.16 2.59 0.00	53.90 2.45 0.00	54.00 2.64 0.00	59.48 2.87 0.00	80.65 4.37 0.00	53.39 3.44 0.00	52.25 3.55 0.00	52.77 2.86 0.00	52.64 1.85 0.00	50.97 1.53 0.00	48.17 1.44 0.00	54.00 1.79 0.00
LOVETT___4 23642	64.32 1.58 0.00	59.08 1.45 0.00	56.96 1.36 0.00	53.32 1.38 0.00	53.85 1.41 0.00	53.76 1.57 0.00	59.67 1.59 0.00	57.75 1.76 0.00	48.70 2.20 4.30	57.97 2.70 0.00	41.17 2.58 6.92	53.42 2.74 0.00	53.16 2.59 0.00	53.90 2.45 0.00	54.00 2.64 0.00	59.48 2.87 0.00	80.65 4.37 0.00	53.39 3.44 0.00	52.25 3.55 0.00	52.77 2.86 0.00	52.64 1.85 0.00	50.97 1.53 0.00	48.17 1.44 0.00	54.00 1.79 0.00
LOVETT___5 23593	64.32 1.58 0.00	59.08 1.45 0.00	56.96 1.36 0.00	53.32 1.38 0.00	53.85 1.41 0.00	53.76 1.57 0.00	59.67 1.59 0.00	57.75 1.76 0.00	48.70 2.20 4.30	57.97 2.70 0.00	41.17 2.58 6.92	53.42 2.74 0.00	53.16 2.59 0.00	53.90 2.45 0.00	54.00 2.64 0.00	59.48 2.87 0.00	80.65 4.37 0.00	53.39 3.44 0.00	52.25 3.55 0.00	52.77 2.86 0.00	52.64 1.85 0.00	50.97 1.53 0.00	48.17 1.44 0.00	54.00 1.79 0.00
LOWER RAQUET___HYD 24057	63.60 0.86 0.00	58.40 0.78 0.00	56.44 0.84 0.00	52.68 0.74 0.00	53.05 0.62 0.00	52.88 0.69 0.00	58.91 0.83 0.00	56.69 0.69 0.00	51.14 0.34 0.00	55.47 0.20 0.00	45.64 0.12 0.00	50.87 0.19 0.00	50.74 0.17 0.00	51.36 -0.09 0.00	50.50 -0.86 0.00	55.46 -1.15 0.00	74.25 -2.03 0.00	48.19 -1.76 0.00	46.91 -1.79 0.00	48.87 -1.04 0.00	50.55 -0.24 0.00	49.53 0.08 0.00	47.23 0.50 0.00	52.83 0.62 0.00

LOWER___HUDSON 24059	63.80 1.06 0.00	58.84 1.22 0.00	56.80 1.20 0.00	53.18 1.25 0.00	53.77 1.33 0.00	53.46 1.26 0.00	59.43 1.34 0.00	57.06 1.06 0.00	51.54 0.74 0.00	55.90 0.63 0.00	45.91 0.39 0.00	50.86 0.18 0.00	51.08 0.51 0.00	51.81 0.36 0.00	51.63 0.26 0.00	57.01 0.40 0.00	76.93 0.65 0.00	50.81 0.86 0.00	49.78 1.09 0.00	50.81 0.89 0.00	51.54 0.75 0.00	50.21 0.77 0.00	47.29 0.55 0.00	53.05 0.84 0.00
LOWVILLE_115KV_TB2 356335	64.52 1.77 0.00	59.49 1.87 0.00	57.38 1.77 0.00	53.54 1.61 0.00	54.07 1.63 0.00	53.98 1.79 0.00	60.23 2.14 0.00	57.89 1.89 0.00	51.99 1.19 0.00	55.96 0.69 0.00	45.72 0.21 0.00	50.93 0.25 0.00	50.59 0.01 0.00	51.56 0.11 0.00	51.20 -0.16 0.00	56.17 -0.44 0.00	76.41 0.13 0.00	50.65 0.70 0.00	49.88 1.18 0.00	51.69 1.78 0.00	52.86 2.08 0.00	51.41 1.97 0.00	48.32 1.58 0.00	53.92 1.71 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	64.89 2.15 0.00	59.70 2.08 0.00	57.63 2.03 0.00	53.88 1.95 0.00	54.46 2.02 0.00	54.19 1.99 0.00	60.31 2.22 0.00	57.87 1.87 0.00	52.12 1.31 0.00	56.42 1.15 0.00	46.22 0.70 0.00	51.30 0.62 0.00	51.51 0.94 0.00	52.32 0.87 0.00	52.16 0.79 0.00	57.68 1.07 0.00	78.22 1.93 0.00	51.71 1.76 0.00	50.82 2.13 0.00	51.91 1.99 0.00	52.65 1.87 0.00	51.22 1.78 0.00	48.16 1.42 0.00	53.98 1.76 0.00
LUTHERNY_35_KV_BK2 355980	64.93 2.18 0.00	59.76 2.14 0.00	57.71 2.10 0.00	53.91 1.97 0.00	54.53 2.09 0.00	54.23 2.03 0.00	60.35 2.26 0.00	57.93 1.93 0.00	52.16 1.36 0.00	56.45 1.18 0.00	46.25 0.73 0.00	51.36 0.68 0.00	51.55 0.98 0.00	52.37 0.92 0.00	52.23 0.87 0.00	57.74 1.13 0.00	78.37 2.09 0.00	51.77 1.82 0.00	50.91 2.21 0.00	51.97 2.06 0.00	52.67 1.88 0.00	51.29 1.85 0.00	48.19 1.45 0.00	54.03 1.81 0.00
LWR___OSWEGATCHIE_HYD 23850	64.03 1.30 0.00	58.90 1.28 0.00	56.86 1.26 0.00	53.04 1.10 0.00	53.49 1.06 0.00	53.38 1.18 0.00	59.53 1.45 0.00	57.25 1.25 0.00	51.48 0.67 0.00	55.59 0.32 0.00	45.56 0.05 0.00	50.78 0.09 0.00	50.53 -0.05 0.00	51.32 -0.12 0.00	50.75 -0.61 0.00	55.67 -0.94 0.00	75.18 -1.11 0.00	49.35 -0.60 0.00	48.39 -0.31 0.00	50.26 0.34 0.00	51.66 0.88 0.00	50.43 0.99 0.00	47.72 0.98 0.00	53.32 1.10 0.00
LYONS_FALL_HYD 23570	64.35 1.60 0.00	59.22 1.60 0.00	57.10 1.50 0.00	53.30 1.37 0.00	53.83 1.39 0.00	53.72 1.52 0.00	59.91 1.83 0.00	57.62 1.63 0.00	51.89 1.08 0.00	56.00 0.73 0.00	45.83 0.32 0.00	51.07 0.39 0.00	50.82 0.25 0.00	51.79 0.34 0.00	51.54 0.18 0.00	56.65 0.04 0.00	76.85 0.57 0.00	50.87 0.91 0.00	50.00 1.30 0.00	51.63 1.72 0.00	52.62 1.83 0.00	51.13 1.69 0.00	48.12 1.39 0.00	53.68 1.47 0.00
MADISON___COUNTY_LFGE 323628	64.44 1.69 0.00	59.08 1.46 0.00	56.95 1.35 0.00	53.16 1.22 0.00	53.67 1.24 0.00	53.52 1.33 0.00	59.69 1.60 0.00	57.46 1.46 0.00	51.90 1.10 0.00	56.12 0.85 0.00	46.06 0.54 0.00	51.33 0.65 0.00	51.21 0.64 0.00	52.17 0.73 0.00	52.09 0.72 0.00	57.42 0.81 0.00	77.77 1.48 0.00	51.27 1.32 0.00	50.36 1.66 0.00	51.80 1.89 0.00	52.54 1.75 0.00	50.94 1.49 0.00	48.02 1.28 0.00	53.48 1.27 0.00
MALONE___115KV_TB1 356076	63.55 0.81 0.00	58.33 0.71 0.00	56.33 0.73 0.00	52.56 0.63 0.00	52.95 0.52 0.00	52.77 0.58 0.00	58.81 0.73 0.00	56.77 0.77 0.00	51.54 0.73 0.00	55.90 0.63 0.00	46.03 0.51 0.00	51.21 0.53 0.00	51.22 0.64 0.00	52.35 0.90 0.00	51.98 0.61 0.00	57.26 0.64 0.00	77.19 0.91 0.00	50.19 0.24 0.00	48.84 0.14 0.00	50.40 0.49 0.00	51.47 0.69 0.00	50.33 0.89 0.00	47.62 0.88 0.00	53.10 0.88 0.00
MAPLEWOD_115KV_TB3 80458	63.50 0.76 0.00	58.47 0.85 0.00	56.42 0.82 0.00	52.79 0.85 0.00	53.35 0.92 0.00	53.10 0.91 0.00	59.05 0.96 0.00	56.78 0.79 0.00	51.44 0.64 0.00	55.83 0.56 0.00	45.96 0.45 0.00	51.00 0.32 0.00	51.16 0.59 0.00	51.89 0.45 0.00	51.79 0.43 0.00	57.18 0.57 0.00	77.20 0.92 0.00	50.93 0.98 0.00	49.87 1.18 0.00	50.84 0.93 0.00	51.49 0.70 0.00	50.05 0.60 0.00	47.17 0.44 0.00	52.85 0.64 0.00
MAPLE_RIDGE_WT_1 323574	62.55 -0.19 0.00	57.55 -0.07 0.00	55.59 -0.01 0.00	51.90 -0.03 0.00	52.39 -0.05 0.00	52.14 -0.05 0.00	58.03 -0.06 0.00	55.94 -0.05 0.00	50.75 -0.05 0.00	55.20 -0.07 0.00	45.39 -0.12 0.00	50.53 -0.15 0.00	50.40 -0.18 0.00	51.23 -0.22 0.00	51.01 -0.35 0.00	56.08 -0.53 0.00	75.72 -0.57 0.00	49.68 -0.27 0.00	48.41 -0.29 0.00	49.77 -0.15 0.00	50.67 -0.11 0.00	49.41 -0.04 0.00	46.68 -0.06 0.00	52.11 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	62.55 -0.19 0.00	57.55 -0.07 0.00	55.59 -0.01 0.00	51.90 -0.03 0.00	52.39 -0.05 0.00	52.14 -0.05 0.00	58.03 -0.06 0.00	55.94 -0.05 0.00	50.75 -0.05 0.00	55.20 -0.07 0.00	45.39 -0.12 0.00	50.53 -0.15 0.00	50.40 -0.18 0.00	51.23 -0.22 0.00	51.01 -0.35 0.00	56.08 -0.53 0.00	75.72 -0.57 0.00	49.68 -0.27 0.00	48.41 -0.29 0.00	49.77 -0.15 0.00	50.67 -0.11 0.00	49.41 -0.04 0.00	46.68 -0.06 0.00	52.11 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	62.99 0.25 0.00	57.89 0.27 0.00	55.91 0.31 0.00	52.21 0.27 0.00	52.62 0.19 0.00	52.40 0.20 0.00	58.35 0.27 0.00	56.24 0.24 0.00	51.03 0.22 0.00	55.52 0.25 0.00	45.71 0.19 0.00	50.81 0.13 0.00	50.86 0.29 0.00	51.85 0.41 0.00	51.57 0.20 0.00	56.73 0.12 0.00	76.29 0.01 0.00	49.57 -0.38 0.00	48.15 -0.55 0.00	49.65 -0.27 0.00	50.76 -0.03 0.00	49.65 0.21 0.00	47.05 0.31 0.00	52.56 0.34 0.00
MARSHVLE_115KV_TB1 80742	66.04 3.30 0.00	60.34 2.71 0.00	58.10 2.50 0.00	54.23 2.29 0.00	54.70 2.26 0.00	54.66 2.47 0.00	61.05 2.96 0.00	58.73 2.74 0.00	52.35 1.54 0.00	56.50 1.23 0.00	46.67 1.15 0.00	51.71 1.03 0.00	51.68 1.11 0.00	52.75 1.30 0.00	52.25 0.88 0.00	57.44 0.83 0.00	77.59 1.31 0.00	50.99 1.04 0.00	50.57 1.88 0.00	52.66 2.74 0.00	53.71 2.92 0.00	52.24 2.80 0.00	49.31 2.57 0.00	55.05 2.84 0.00
MARSH_HILL_WT_PWR 323713	62.85 0.11 0.00	56.88 -0.74 0.00	55.68 0.07 0.00	52.13 0.19 0.00	52.86 0.42 0.00	52.41 0.21 0.00	58.87 0.78 0.00	56.80 0.80 0.00	51.37 0.57 0.00	55.89 0.62 0.00	45.61 0.09 0.00	51.29 0.61 0.00	50.17 -0.40 0.00	51.33 -0.12 0.00	51.47 0.11 0.00	57.13 0.52 0.00	77.82 1.54 0.00	51.94 1.99 0.00	51.41 2.71 0.00	52.34 2.43 0.00	52.75 1.96 0.00	50.70 1.25 0.00	47.79 1.06 0.00	52.82 0.61 0.00
MCINTYRE_115KV_TB2 80467	64.96 2.22 0.00	59.59 1.97 0.00	57.59 1.99 0.00	53.72 1.79 0.00	54.14 1.70 0.00	53.99 1.79 0.00	60.19 2.11 0.00	57.78 1.78 0.00	51.69 0.89 0.00	56.07 0.80 0.00	46.08 0.57 0.00	51.34 0.66 0.00	51.43 0.85 0.00	52.15 0.70 0.00	51.29 -0.08 0.00	56.55 -0.06 0.00	75.36 -0.92 0.00	49.13 -0.82 0.00	47.90 -0.80 0.00	50.36 0.44 0.00	52.01 1.22 0.00	50.85 1.40 0.00	48.35 1.62 0.00	53.99 1.78 0.00

MECO____69_KV_BK1 80468	66.48 3.74 0.00	60.80 3.17 0.00	58.56 2.96 0.00	54.66 2.73 0.00	55.21 2.78 0.00	55.12 2.92 0.00	61.52 3.44 0.00	59.10 3.11 0.00	52.38 1.57 0.00	56.14 0.87 0.00	46.02 0.50 0.00	51.31 0.63 0.00	51.31 0.74 0.00	52.22 0.77 0.00	51.78 0.42 0.00	57.45 0.83 0.00	78.09 1.81 0.00	51.61 1.66 0.00	51.34 2.64 0.00	53.36 3.44 0.00	54.33 3.54 0.00	52.71 3.27 0.00	49.66 2.92 0.00	55.42 3.21 0.00
MENANDS__115KV_TB5 355628	63.01 0.27 0.00	58.08 0.45 0.00	56.04 0.44 0.00	52.44 0.50 0.00	53.02 0.58 0.00	52.76 0.56 0.00	58.64 0.56 0.00	56.40 0.40 0.00	51.16 0.36 0.00	55.52 0.25 0.00	45.74 0.22 0.00	50.74 0.06 0.00	50.87 0.30 0.00	51.59 0.14 0.00	51.47 0.11 0.00	56.80 0.19 0.00	76.67 0.38 0.00	50.58 0.63 0.00	49.49 0.79 0.00	50.41 0.50 0.00	51.06 0.28 0.00	49.65 0.20 0.00	46.82 0.09 0.00	52.47 0.26 0.00
MG INDUSTRY__DRP 24185	63.28 0.54 0.00	58.27 0.65 0.00	56.25 0.64 0.00	52.62 0.69 0.00	53.19 0.75 0.00	52.96 0.76 0.00	58.85 0.77 0.00	56.55 0.55 0.00	51.10 0.29 0.00	55.39 0.13 0.00	45.64 0.12 0.00	50.74 0.06 0.00	50.71 0.13 0.00	51.48 0.04 0.00	51.34 -0.02 0.00	56.83 0.22 0.00	76.67 0.39 0.00	50.57 0.62 0.00	49.57 0.87 0.00	50.59 0.67 0.00	51.26 0.48 0.00	49.82 0.37 0.00	47.03 0.30 0.00	52.68 0.46 0.00
MID____OSWEGATCHIE_HYD 23849	64.03 1.30 0.00	58.90 1.28 0.00	56.86 1.26 0.00	53.04 1.10 0.00	53.49 1.06 0.00	53.38 1.18 0.00	59.53 1.45 0.00	57.25 1.25 0.00	51.48 0.67 0.00	55.59 0.32 0.00	45.56 0.05 0.00	50.78 0.09 0.00	50.53 -0.05 0.00	51.32 -0.12 0.00	50.75 -0.61 0.00	55.67 -0.94 0.00	75.18 -1.11 0.00	49.35 -0.60 0.00	48.39 -0.31 0.00	50.26 0.34 0.00	51.66 0.88 0.00	50.43 0.99 0.00	47.72 0.98 0.00	53.32 1.10 0.00
MID____RAQUETTE_HYD 23851	63.60 0.86 0.00	58.40 0.78 0.00	56.44 0.84 0.00	52.68 0.74 0.00	53.05 0.61 0.00	52.88 0.69 0.00	58.91 0.83 0.00	56.69 0.69 0.00	51.14 0.33 0.00	55.47 0.20 0.00	45.63 0.11 0.00	50.86 0.19 0.00	50.75 0.17 0.00	51.36 -0.09 0.00	50.50 -0.86 0.00	55.46 -1.15 0.00	74.25 -2.03 0.00	48.20 -1.75 0.00	46.91 -1.79 0.00	48.87 -1.04 0.00	50.55 -0.24 0.00	49.53 0.08 0.00	47.23 0.49 0.00	52.83 0.62 0.00
MILLIKEN__1 23584	64.03 1.29 0.00	58.60 0.98 0.00	56.51 0.91 0.00	52.63 0.69 0.00	53.21 0.77 0.00	52.97 0.77 0.00	59.09 1.01 0.00	56.94 0.94 0.00	51.46 0.65 0.00	55.88 0.61 0.00	45.70 0.19 0.00	50.86 0.18 0.00	50.67 0.10 0.00	51.55 0.10 0.00	51.61 0.24 0.00	56.90 0.29 0.00	77.24 0.96 0.00	50.98 1.03 0.00	50.44 1.74 0.00	51.61 1.69 0.00	52.21 1.43 0.00	50.45 1.00 0.00	47.57 0.83 0.00	52.87 0.66 0.00
MILLIKEN__2 23585	64.03 1.29 0.00	58.60 0.98 0.00	56.51 0.91 0.00	52.63 0.69 0.00	53.21 0.77 0.00	52.97 0.77 0.00	59.09 1.01 0.00	56.94 0.94 0.00	51.46 0.65 0.00	55.88 0.61 0.00	45.70 0.19 0.00	50.86 0.18 0.00	50.67 0.10 0.00	51.55 0.10 0.00	51.61 0.24 0.00	56.90 0.29 0.00	77.24 0.96 0.00	50.98 1.03 0.00	50.44 1.74 0.00	51.61 1.69 0.00	52.21 1.43 0.00	50.45 1.00 0.00	47.57 0.83 0.00	52.87 0.66 0.00
MILLIKEN__DIESEL 23629	64.03 1.29 0.00	58.60 0.98 0.00	56.51 0.91 0.00	52.63 0.69 0.00	53.21 0.77 0.00	52.97 0.77 0.00	59.09 1.01 0.00	56.94 0.94 0.00	51.46 0.65 0.00	55.88 0.61 0.00	45.70 0.19 0.00	50.86 0.18 0.00	50.67 0.10 0.00	51.55 0.10 0.00	51.61 0.24 0.00	56.90 0.29 0.00	77.24 0.96 0.00	50.98 1.03 0.00	50.44 1.74 0.00	51.61 1.69 0.00	52.21 1.43 0.00	50.45 1.00 0.00	47.57 0.83 0.00	52.87 0.66 0.00
MILLSEAT____LFGE 323607	53.62 2.68 11.79	47.81 2.16 11.98	50.90 2.03 6.73	49.68 1.53 3.78	50.01 1.59 4.02	47.48 1.31 6.03	51.58 1.77 8.27	52.36 1.49 5.12	46.87 1.26 5.19	55.93 1.02 0.36	44.49 0.62 1.65	51.50 0.82 0.00	51.07 0.49 0.00	52.58 1.40 0.27	53.02 1.85 0.19	58.46 2.49 0.64	78.91 2.63 0.00	51.61 1.66 0.00	50.01 1.32 0.00	50.68 0.77 0.00	49.78 0.68 1.69	46.33 0.30 3.41	42.68 0.45 4.50	48.90 0.09 3.40
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	64.44 1.70 0.00	59.17 1.55 0.00	57.05 1.45 0.00	53.35 1.42 0.00	53.88 1.45 0.00	53.79 1.59 0.00	59.76 1.67 0.00	57.84 1.85 0.00	54.91 2.22 -1.89	58.00 2.73 0.00	51.09 2.53 -3.04	53.41 2.73 0.00	53.18 2.60 0.00	53.92 2.48 0.00	54.03 2.67 0.00	59.53 2.92 0.00	80.74 4.46 0.00	53.43 3.47 0.00	52.29 3.59 0.00	52.83 2.92 0.00	52.71 1.92 0.00	51.01 1.57 0.00	48.28 1.54 0.00	54.11 1.90 0.00
MILLWOOD_13_KV_LOAD 356217	64.61 1.87 0.00	59.32 1.70 0.00	57.18 1.58 0.00	53.49 1.55 0.00	53.99 1.55 0.00	53.91 1.71 0.00	59.89 1.80 0.00	57.98 1.99 0.00	55.04 2.35 -1.89	58.14 2.87 0.00	51.21 2.65 -3.04	53.55 2.87 0.00	53.32 2.75 0.00	54.07 2.62 0.00	54.17 2.81 0.00	59.70 3.08 0.00	80.97 4.69 0.00	53.59 3.64 0.00	52.45 3.76 0.00	53.00 3.08 0.00	52.86 2.08 0.00	51.16 1.72 0.00	48.40 1.67 0.00	54.24 2.03 0.00
MODEL_CITY_ENERGY 24167	48.03 -0.13 14.58	42.48 -0.33 14.81	47.05 -0.23 8.33	46.66 -0.60 4.67	46.93 -0.54 4.98	43.83 -0.92 7.45	47.05 -0.80 10.23	48.53 -1.13 6.34	43.40 -0.99 6.42	53.66 -1.17 0.44	42.66 -0.81 2.04	50.04 -0.64 0.00	49.44 -1.13 0.00	50.93 -0.18 0.34	51.18 0.06 0.24	55.95 0.14 0.80	75.98 -0.31 0.00	49.93 -0.02 0.00	48.34 -0.36 0.00	48.91 -1.00 0.00	47.71 -1.14 1.93	44.11 -1.42 3.91	40.54 -1.03 5.16	46.87 -1.44 3.90
MODERN_LFGE__ 323580	48.03 -0.13 14.58	42.48 -0.33 14.81	47.05 -0.23 8.33	46.66 -0.60 4.67	46.93 -0.54 4.98	43.83 -0.92 7.45	47.05 -0.80 10.23	48.53 -1.13 6.34	43.40 -0.99 6.42	53.66 -1.17 0.44	42.66 -0.81 2.04	50.04 -0.64 0.00	49.44 -1.13 0.00	50.93 -0.18 0.34	51.18 0.06 0.24	55.95 0.14 0.80	75.98 -0.31 0.00	49.93 -0.02 0.00	48.34 -0.36 0.00	48.91 -1.00 0.00	47.71 -1.14 1.93	44.11 -1.42 3.91	40.54 -1.03 5.16	46.87 -1.44 3.90
MOHAWK_PAPER__DRP 24187	63.50 0.76 0.00	58.47 0.85 0.00	56.42 0.82 0.00	52.79 0.85 0.00	53.35 0.92 0.00	53.10 0.91 0.00	59.05 0.96 0.00	56.78 0.79 0.00	51.44 0.64 0.00	55.83 0.56 0.00	45.96 0.45 0.00	51.00 0.32 0.00	51.16 0.59 0.00	51.89 0.45 0.00	51.79 0.43 0.00	57.18 0.57 0.00	77.20 0.92 0.00	50.93 0.98 0.00	49.87 1.18 0.00	50.84 0.93 0.00	51.49 0.70 0.00	50.05 0.60 0.00	47.17 0.44 0.00	52.85 0.64 0.00
MOHICAN__35_KV_115KV_LD 80490	65.45 2.71 0.00	60.21 2.59 0.00	58.17 2.57 0.00	54.39 2.45 0.00	54.95 2.51 0.00	54.67 2.47 0.00	60.84 2.76 0.00	58.24 2.25 0.00	52.21 1.40 0.00	56.32 1.05 0.00	45.87 0.35 0.00	50.74 0.06 0.00	51.23 0.65 0.00	52.08 0.63 0.00	51.77 0.41 0.00	57.43 0.82 0.00	78.26 1.98 0.00	51.91 1.96 0.00	51.18 2.48 0.00	52.38 2.47 0.00	53.22 2.43 0.00	51.71 2.26 0.00	48.52 1.79 0.00	54.45 2.23 0.00

MONGAUP___HYD 23641	64.94 2.20 0.00	59.85 2.23 0.00	57.34 1.74 0.00	53.52 1.59 0.00	54.05 1.62 0.00	53.92 1.72 0.00	60.03 1.94 0.00	58.02 2.03 0.00	51.00 1.87 1.67	57.21 1.94 0.00	44.30 1.47 2.69	52.40 1.72 0.00	52.24 1.67 0.00	53.01 1.56 0.00	53.09 1.73 0.00	58.18 1.57 0.00	79.02 2.74 0.00	52.66 2.71 0.00	52.02 3.33 0.00	52.97 3.06 0.00	53.10 2.31 0.00	51.63 2.18 0.00	48.71 1.98 0.00	54.42 2.20 0.00
MONTAUK___DIESEL 23721	65.41 2.67 0.00	60.61 2.99 0.00	59.47 3.87 0.00	55.53 3.59 0.00	56.57 4.13 0.00	56.77 4.57 0.00	62.41 4.33 0.00	61.00 5.00 0.00	58.42 5.99 -1.62	61.85 6.58 0.00	55.30 6.01 -3.77	56.68 5.88 -0.12	56.29 5.73 0.00	56.72 5.27 0.00	56.92 5.56 0.00	62.73 5.82 -0.30	88.51 7.50 -4.73	58.24 5.24 -3.04	53.40 4.70 0.00	53.40 3.48 0.00	53.61 2.83 0.00	52.40 2.96 0.00	49.28 2.55 0.00	55.00 2.78 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	64.82 2.08 0.00	59.11 1.49 0.00	56.86 1.26 0.00	52.80 0.87 0.00	53.56 1.13 0.00	53.36 1.16 0.00	59.93 1.85 0.00	57.82 1.82 0.00	52.50 1.70 0.00	57.51 2.24 0.00	47.32 1.80 0.00	53.22 2.54 0.00	51.75 1.18 0.00	53.26 1.81 0.00	53.54 2.17 0.00	59.18 2.57 0.00	80.44 4.16 0.00	52.84 2.89 0.00	51.85 3.16 0.00	52.52 2.60 0.00	53.09 2.31 0.00	50.96 1.52 0.00	48.09 1.36 0.00	53.26 1.05 0.00
MORRIS RIDGE___SOLAR 323848	63.03 0.29 0.00	57.48 -0.14 0.00	55.88 0.28 0.00	52.13 0.19 0.00	52.71 0.28 0.00	52.15 -0.05 0.00	58.32 0.23 0.00	56.06 0.07 0.00	50.72 -0.09 0.00	55.20 -0.07 0.00	44.96 -0.56 0.00	50.43 -0.25 0.00	49.60 -0.97 0.00	50.93 -0.52 0.00	51.13 -0.23 0.00	56.71 0.10 0.00	76.98 0.70 0.00	51.08 1.13 0.00	50.21 1.51 0.00	51.00 1.08 0.00	51.57 0.78 0.00	49.71 0.27 0.00	47.01 0.27 0.00	52.12 -0.09 0.00
MORTIMER_115KV_TB3 55949	63.84 1.10 0.00	58.43 0.80 0.00	56.30 0.70 0.00	52.37 0.44 0.00	52.93 0.49 0.00	52.48 0.28 0.00	58.62 0.54 0.00	56.32 0.32 0.00	51.12 0.32 0.00	55.56 0.30 0.00	45.91 0.39 0.00	51.34 0.66 0.00	50.99 0.42 0.00	52.47 1.03 0.00	52.58 1.21 0.00	58.10 1.48 0.00	78.26 1.98 0.00	51.34 1.39 0.00	49.90 1.20 0.00	50.65 0.73 0.00	51.38 0.59 0.00	49.73 0.28 0.00	47.07 0.34 0.00	52.30 0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	64.84 2.10 0.00	59.52 1.90 0.00	57.37 1.77 0.00	53.63 1.69 0.00	54.15 1.71 0.00	54.07 1.87 0.00	60.12 2.04 0.00	58.21 2.22 0.00	55.12 2.68 -1.64	58.54 3.27 0.00	51.16 3.00 -2.64	53.85 3.17 0.00	53.48 2.91 0.00	54.21 2.77 0.00	54.35 2.98 0.00	59.87 3.26 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.56 3.86 0.00	53.07 3.16 0.00	52.89 2.10 0.00	51.20 1.76 0.00	48.57 1.84 0.00	54.51 2.29 0.00
MUNSVILLE_WIND_PWR 323609	73.18 4.87 -5.57	67.43 4.15 -5.66	62.57 3.79 -3.18	56.98 3.26 -1.79	57.69 3.36 -1.90	58.52 3.48 -2.85	66.31 4.31 -3.91	62.11 3.70 -2.42	56.26 3.01 -2.45	58.38 2.94 -0.17	48.00 1.70 -0.78	52.50 1.81 0.00	51.81 1.24 0.00	52.56 1.01 -0.11	52.07 0.63 -0.08	57.41 0.54 -0.26	78.43 2.15 0.00	52.11 2.16 0.00	52.90 4.20 0.00	54.71 4.80 0.00	55.54 4.11 -0.64	54.38 3.64 -1.29	51.38 2.93 -1.71	56.48 2.98 -1.29
N SALMON___HYD 24042	63.55 0.81 0.00	58.33 0.71 0.00	56.33 0.73 0.00	52.56 0.63 0.00	52.95 0.52 0.00	52.78 0.58 0.00	58.81 0.73 0.00	56.77 0.77 0.00	51.54 0.73 0.00	55.90 0.63 0.00	46.03 0.51 0.00	51.21 0.53 0.00	51.22 0.64 0.00	52.35 0.90 0.00	51.98 0.61 0.00	57.26 0.64 0.00	77.19 0.91 0.00	50.19 0.24 0.00	48.84 0.14 0.00	50.40 0.48 0.00	51.47 0.69 0.00	50.34 0.89 0.00	47.61 0.88 0.00	53.10 0.88 0.00
N.AKRON___115KV_KNAPP 355671	64.62 1.88 0.00	59.08 1.46 0.00	56.98 1.38 0.00	52.88 0.94 0.00	53.45 1.01 0.00	52.86 0.67 0.00	59.11 1.03 0.00	56.72 0.72 0.00	51.43 0.62 0.00	55.71 0.44 0.00	45.84 0.32 0.00	51.20 0.52 0.00	50.70 0.13 0.00	52.52 1.07 0.00	52.80 1.44 0.00	58.50 1.89 0.00	78.24 1.96 0.00	51.54 1.59 0.00	49.95 1.26 0.00	50.61 0.70 0.00	51.39 0.61 0.00	49.67 0.23 0.00	47.12 0.38 0.00	52.26 0.05 0.00
N.BELMOR_69_KV_BK1 55787	64.63 1.89 0.00	59.72 2.10 0.00	58.00 2.40 0.00	54.20 2.26 0.00	54.79 2.35 0.00	54.81 2.61 0.00	60.39 2.31 0.00	58.75 2.76 0.00	55.85 3.42 -1.62	59.01 3.74 0.00	52.93 3.64 -3.77	54.59 3.79 -0.12	54.14 3.57 0.00	54.96 3.52 0.00	55.19 3.83 0.00	60.64 4.02 0.00	81.87 5.59 0.00	54.42 4.47 0.00	53.42 4.72 0.00	53.77 3.86 0.00	53.07 2.29 0.00	51.52 2.08 0.00	48.76 2.02 0.00	54.70 2.49 0.00
N.E._GEN_SANDY PD 24062	63.42 0.68 0.00	58.82 0.91 -0.29	56.52 0.92 0.00	52.97 1.04 0.00	53.58 1.14 0.00	53.30 1.10 0.00	59.24 1.16 0.00	55.01 0.89 1.88	51.93 0.75 -0.38	60.28 0.81 -4.19	45.73 0.62 0.40	48.50 0.40 2.58	51.87 0.69 -0.61	52.29 0.46 -0.38	51.72 0.36 0.00	57.06 0.45 0.00	76.92 0.59 -0.05	50.80 0.85 0.00	48.77 0.97 0.90	49.05 0.65 1.51	51.62 0.33 -0.50	49.82 0.37 0.00	46.84 0.25 0.14	53.93 0.61 -1.10
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	64.54 1.80 0.00	59.24 1.62 0.00	57.08 1.48 0.00	53.42 1.48 0.00	53.93 1.49 0.00	53.84 1.64 0.00	59.77 1.68 0.00	57.85 1.86 0.00	49.12 2.27 3.96	58.08 2.81 0.00	41.80 2.64 6.37	53.58 2.90 0.00	53.38 2.80 0.00	54.13 2.69 0.00	54.27 2.91 0.00	59.79 3.17 0.00	81.11 4.83 0.00	53.67 3.72 0.00	52.55 3.85 0.00	53.06 3.15 0.00	52.90 2.11 0.00	51.17 1.73 0.00	48.36 1.62 0.00	54.17 1.96 0.00
N.QUEENS_27_KV_LOAD 356247	64.73 1.99 0.00	59.50 1.88 0.00	57.33 1.73 0.00	53.58 1.65 0.00	54.11 1.67 0.00	54.17 1.97 0.00	60.15 2.07 0.00	58.31 2.31 0.00	55.24 2.80 -1.64	58.62 3.35 0.00	51.28 3.12 -2.64	53.79 3.11 0.00	53.45 2.88 0.01	54.15 2.71 0.01	54.30 2.94 0.01	59.81 3.21 0.01	81.13 4.85 0.00	53.68 3.74 0.00	52.47 3.78 0.00	52.98 3.07 0.00	52.84 2.06 0.00	51.19 1.76 0.01	48.47 1.74 0.00	54.38 2.17 0.00
N.TROY___115KV_TB1 355778	63.81 1.07 0.00	58.84 1.22 0.00	56.80 1.20 0.00	53.18 1.25 0.00	53.77 1.33 0.00	53.46 1.26 0.00	59.43 1.35 0.00	57.06 1.07 0.00	51.54 0.74 0.00	55.91 0.64 0.00	45.90 0.39 0.00	50.86 0.18 0.00	51.08 0.51 0.00	51.80 0.36 0.00	51.62 0.26 0.00	57.01 0.40 0.00	76.93 0.65 0.00	50.81 0.86 0.00	49.78 1.09 0.00	50.81 0.89 0.00	51.54 0.76 0.00	50.22 0.77 0.00	47.29 0.56 0.00	53.06 0.84 0.00
NARROWS_GT1_1 24228	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.34 3.18 -2.64	53.99 3.31 0.00	53.65 3.08 0.00	54.38 2.93 0.00	54.52 3.16 0.00	60.06 3.45 0.00	81.50 5.22 0.00	53.93 3.98 0.00	52.70 4.01 0.00	53.25 3.34 0.00	53.07 2.28 0.00	51.41 1.97 0.00	48.76 2.02 0.00	54.71 2.50 0.00

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NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.34 1.60 0.00	59.19 1.56 0.00	57.06 1.45 0.00	53.37 1.43 0.00	53.94 1.50 0.00	53.74 1.55 0.00	59.83 1.74 0.00	57.58 1.58 0.00	52.02 1.22 0.00	56.09 0.83 0.00	46.14 0.62 0.00	51.27 0.59 0.00	51.40 0.83 0.00	52.06 0.61 0.00	51.91 0.54 0.00	57.52 0.91 0.00	77.98 1.69 0.00	51.64 1.69 0.00	50.70 2.00 0.00	51.88 1.97 0.00	52.55 1.76 0.00	50.95 1.51 0.00	47.96 1.23 0.00	53.60 1.38 0.00
NCHELSEA_115KV_TR2 355582	65.02 2.28 0.00	59.64 2.02 0.00	57.46 1.86 0.00	53.71 1.77 0.00	54.24 1.80 0.00	54.14 1.94 0.00	60.22 2.14 0.00	58.25 2.26 0.00	53.25 2.45 0.00	58.22 2.95 0.00	48.15 2.63 0.00	53.61 2.92 0.00	53.44 2.87 0.00	54.23 2.78 0.00	54.36 2.99 0.00	59.92 3.31 0.00	81.33 5.05 0.00	53.84 3.89 0.00	52.69 3.99 0.00	53.27 3.36 0.00	53.22 2.44 0.00	51.48 2.04 0.00	48.65 1.92 0.00	54.43 2.21 0.00
NEG CAPITAL___MECHNVIL 23645	64.96 2.22 0.00	59.78 2.16 0.00	57.70 2.10 0.00	53.97 2.03 0.00	54.54 2.10 0.00	54.27 2.07 0.00	60.38 2.29 0.00	57.95 1.96 0.00	52.24 1.43 0.00	56.57 1.30 0.00	46.39 0.87 0.00	51.47 0.79 0.00	51.74 1.17 0.00	52.51 1.06 0.00	52.37 1.00 0.00	57.90 1.29 0.00	78.50 2.22 0.00	51.87 1.92 0.00	50.96 2.26 0.00	52.03 2.11 0.00	52.76 1.98 0.00	51.33 1.88 0.00	48.25 1.51 0.00	54.05 1.84 0.00
NEG CENTRAL_HIGH_ACRES 23767	62.63 -0.10 0.00	57.31 -0.31 0.00	55.23 -0.37 0.00	51.41 -0.52 0.00	51.96 -0.48 0.00	51.59 -0.61 0.00	57.61 -0.48 0.00	55.40 -0.60 0.00	50.23 -0.58 0.00	54.62 -0.65 0.00	45.07 -0.45 0.00	50.40 -0.28 0.00	50.13 -0.44 0.00	51.43 -0.02 0.00	51.51 0.14 0.00	56.92 0.31 0.00	76.71 0.43 0.00	50.38 0.44 0.00	49.07 0.37 0.00	49.84 -0.07 0.00	50.53 -0.26 0.00	48.91 -0.53 0.00	46.27 -0.46 0.00	51.40 -0.81 0.00
NEG CENTRAL___DRP 24199	63.63 0.89 0.00	58.14 0.51 0.00	56.14 0.54 0.00	52.31 0.38 0.00	52.87 0.43 0.00	52.55 0.36 0.00	58.73 0.64 0.00	56.57 0.58 0.00	51.21 0.40 0.00	55.65 0.38 0.00	45.58 0.06 0.00	51.00 0.31 0.00	50.69 0.11 0.00	51.79 0.34 0.00	51.86 0.49 0.00	57.25 0.64 0.00	77.55 1.27 0.00	51.19 1.24 0.00	50.39 1.69 0.00	51.34 1.42 0.00	51.94 1.15 0.00	50.14 0.70 0.00	47.31 0.57 0.00	52.49 0.27 0.00
NEG CENTRAL___INDECK 23768	64.98 2.24 0.00	59.23 1.61 0.00	57.37 1.77 0.00	53.41 1.48 0.00	54.04 1.60 0.00	53.61 1.41 0.00	60.10 2.01 0.00	57.72 1.72 0.00	52.24 1.44 0.00	56.59 1.33 0.00	46.24 0.73 0.00	51.83 1.15 0.00	51.20 0.62 0.00	52.72 1.28 0.00	52.84 1.48 0.00	58.58 1.97 0.00	79.09 2.81 0.00	52.67 2.72 0.00	51.56 2.87 0.00	52.48 2.57 0.00	53.19 2.41 0.00	51.29 1.85 0.00	48.73 2.00 0.00	53.97 1.76 0.00
NEG CENTRAL___SENECA 23627	63.98 1.24 0.00	58.36 0.73 0.00	56.38 0.78 0.00	52.57 0.64 0.00	53.12 0.68 0.00	52.75 0.55 0.00	59.00 0.92 0.00	56.82 0.83 0.00	51.42 0.61 0.00	55.89 0.62 0.00	45.74 0.22 0.00	51.25 0.57 0.00	50.79 0.21 0.00	51.97 0.52 0.00	52.06 0.69 0.00	57.55 0.94 0.00	78.04 1.76 0.00	51.64 1.69 0.00	50.87 2.18 0.00	51.77 1.86 0.00	52.32 1.53 0.00	50.45 1.01 0.00	47.56 0.83 0.00	52.79 0.57 0.00
NEG CENTRAL___STATE_STREET 24147	63.48 0.74 0.00	58.16 0.54 0.00	56.13 0.53 0.00	52.15 0.22 0.00	52.82 0.38 0.00	52.56 0.36 0.00	58.65 0.57 0.00	56.50 0.51 0.00	51.15 0.35 0.00	55.58 0.31 0.00	45.44 -0.08 0.00	50.68 0.00 0.00	50.61 0.04 0.00	51.64 0.19 0.00	51.65 0.28 0.00	56.97 0.35 0.00	77.08 0.80 0.00	50.76 0.81 0.00	49.96 1.26 0.00	51.02 1.10 0.00	51.71 0.92 0.00	49.90 0.45 0.00	47.22 0.48 0.00	52.35 0.13 0.00
NEG MILLWOOD___DRP 24198	65.10 2.35 0.00	59.73 2.11 0.00	57.57 1.97 0.00	53.81 1.88 0.00	54.36 1.93 0.00	54.26 2.06 0.00	60.38 2.29 0.00	58.42 2.42 0.00	53.96 2.70 -0.47	58.52 3.25 0.00	49.18 2.91 -0.75	53.88 3.20 0.00	53.66 3.08 0.00	54.44 3.00 0.00	54.55 3.18 0.00	60.15 3.54 0.00	81.63 5.35 0.00	54.03 4.08 0.00	52.85 4.16 0.00	53.40 3.49 0.00	53.32 2.53 0.00	51.56 2.12 0.00	48.73 2.00 0.00	54.53 2.31 0.00
NEG NORTH_FLCN_SEA 23793	64.26 1.52 0.00	59.03 1.40 0.00	56.95 1.35 0.00	53.33 1.40 0.00	53.79 1.35 0.00	53.52 1.33 0.00	59.66 1.58 0.00	57.34 1.34 0.00	51.93 1.13 0.00	56.47 1.20 0.00	46.45 0.93 0.00	51.56 0.88 0.00	51.88 1.31 0.00	52.93 1.48 0.00	52.65 1.29 0.00	57.82 1.21 0.00	77.29 1.00 0.00	50.22 0.27 0.00	48.76 0.06 0.00	50.18 0.26 0.00	51.28 0.50 0.00	50.23 0.79 0.00	47.54 0.81 0.00	53.10 0.89 0.00
NEG NORTH_KES_CHATEGAY 23792	62.90 0.16 0.00	57.78 0.16 0.00	55.82 0.22 0.00	52.10 0.17 0.00	52.50 0.06 0.00	52.31 0.11 0.00	58.24 0.15 0.00	56.15 0.15 0.00	50.94 0.13 0.00	55.38 0.11 0.00	45.59 0.07 0.00	50.70 0.02 0.00	50.68 0.11 0.00	51.68 0.23 0.00	51.40 0.04 0.00	56.61 0.00 0.00	76.21 -0.07 0.00	49.52 -0.43 0.00	48.15 -0.55 0.00	49.71 -0.21 0.00	50.84 0.06 0.00	49.72 0.27 0.00	47.10 0.36 0.00	52.58 0.37 0.00
NEG NORTH___ALICE_FALLS 23915	64.23 1.49 0.00	58.97 1.35 0.00	56.92 1.32 0.00	53.26 1.32 0.00	53.71 1.27 0.00	53.45 1.25 0.00	59.61 1.52 0.00	57.32 1.33 0.00	51.92 1.12 0.00	56.42 1.15 0.00	46.37 0.85 0.00	51.47 0.79 0.00	51.73 1.16 0.00	52.79 1.34 0.00	52.55 1.19 0.00	57.73 1.12 0.00	77.38 1.10 0.00	50.28 0.33 0.00	48.89 0.19 0.00	50.36 0.44 0.00	51.45 0.67 0.00	50.38 0.94 0.00	47.66 0.93 0.00	53.22 1.01 0.00
NEG NORTH___LWR_SARANAC 23913	64.23 1.49 0.00	58.97 1.35 0.00	56.92 1.32 0.00	53.26 1.32 0.00	53.71 1.27 0.00	53.45 1.25 0.00	59.61 1.52 0.00	57.32 1.33 0.00	51.92 1.12 0.00	56.42 1.15 0.00	46.37 0.85 0.00	51.47 0.79 0.00	51.73 1.16 0.00	52.79 1.34 0.00	52.55 1.19 0.00	57.73 1.12 0.00	77.38 1.10 0.00	50.28 0.33 0.00	48.89 0.19 0.00	50.36 0.44 0.00	51.45 0.67 0.00	50.38 0.94 0.00	47.66 0.93 0.00	53.22 1.01 0.00
NEG NORTH___PLATTSBURG 23628	64.23 1.49 0.00	58.97 1.35 0.00	56.92 1.32 0.00	53.26 1.32 0.00	53.71 1.27 0.00	53.45 1.25 0.00	59.61 1.52 0.00	57.32 1.33 0.00	51.92 1.11 0.00	56.41 1.15 0.00	46.38 0.86 0.00	51.47 0.79 0.00	51.73 1.16 0.00	52.78 1.34 0.00	52.55 1.18 0.00	57.73 1.12 0.00	77.38 1.10 0.00	50.28 0.33 0.00	48.89 0.19 0.00	50.35 0.44 0.00	51.45 0.67 0.00	50.38 0.94 0.00	47.66 0.93 0.00	53.22 1.01 0.00
NEG WEST_LEA_LOCKPORT 23791	63.19 0.45 0.00	57.88 0.26 0.00	55.90 0.30 0.00	51.88 -0.06 0.00	52.46 0.03 0.00	51.81 -0.39 0.00	57.90 -0.18 0.00	55.47 -0.52 0.00	50.36 -0.45 0.00	54.68 -0.60 0.00	45.19 -0.33 0.00	50.54 -0.15 0.00	49.92 -0.65 0.00	51.74 0.29 0.00	51.92 0.56 0.00	57.30 0.69 0.00	76.81 0.53 0.00	50.50 0.55 0.00	48.91 0.21 0.00	49.48 -0.43 0.00	50.26 -0.52 0.00	48.61 -0.83 0.00	46.24 -0.50 0.00	51.36 -0.86 0.00

NEG WEST___LANCASTR 23811	64.27 1.53 0.00	58.81 1.19 0.00	56.78 1.18 0.00	52.74 0.81 0.00	53.33 0.89 0.00	52.67 0.47 0.00	58.88 0.80 0.00	56.42 0.42 0.00	51.25 0.45 0.00	55.48 0.21 0.00	46.02 0.50 0.00	51.44 0.76 0.00	50.81 0.24 0.00	52.75 1.31 0.00	52.85 1.48 0.00	58.31 1.69 0.00	78.29 2.00 0.00	51.25 1.30 0.00	49.65 0.96 0.00	50.16 0.25 0.00	51.18 0.40 0.00	49.68 0.24 0.00	47.20 0.46 0.00	52.34 0.13 0.00
NEG_PENN_ALLEGHNY 23528	71.65 0.54 -8.37	66.41 0.28 -8.50	60.66 0.28 -4.78	54.84 0.23 -2.68	55.54 0.25 -2.86	56.65 0.18 -4.28	64.29 0.33 -5.87	59.98 0.35 -3.64	54.78 0.30 -3.69	55.97 0.45 -0.25	46.93 0.24 -1.17	51.23 0.55 0.00	50.73 0.15 0.00	51.82 0.26 -0.11	51.78 0.34 -0.08	57.26 0.38 -0.26	77.44 1.16 0.00	51.01 1.06 0.00	50.18 1.48 0.00	51.07 1.16 0.00	52.19 0.77 -0.64	51.11 0.38 -1.29	48.66 0.23 -1.70	53.60 0.10 -1.29
NEG___GEN_MONROE 24207	64.90 2.16 0.00	59.40 1.78 0.00	57.25 1.65 0.00	53.29 1.35 0.00	53.74 1.30 0.00	53.24 1.04 0.00	59.49 1.40 0.00	57.07 1.07 0.00	51.66 0.86 0.00	55.99 0.72 0.00	46.14 0.62 0.00	51.58 0.90 0.00	51.24 0.67 0.00	52.79 1.34 0.00	52.97 1.60 0.00	58.71 2.10 0.00	78.87 2.59 0.00	51.86 1.91 0.00	50.28 1.58 0.00	51.03 1.12 0.00	51.79 1.01 0.00	50.09 0.65 0.00	47.40 0.67 0.00	52.68 0.46 0.00
NEPA___ENERGY 23901	63.33 0.59 0.00	57.70 0.08 0.00	55.77 0.17 0.00	51.84 -0.10 0.00	52.46 0.02 0.00	51.87 -0.32 0.00	58.09 0.00 0.00	56.01 0.01 0.00	50.82 0.01 0.00	55.75 0.48 0.00	45.78 0.26 0.00	51.82 1.13 0.00	50.58 0.01 0.00	52.06 0.61 0.00	52.23 0.86 0.00	57.58 0.97 0.00	78.28 1.99 0.00	51.40 1.45 0.00	50.39 1.69 0.00	51.00 1.08 0.00	51.47 0.69 0.00	49.43 -0.01 0.00	46.68 -0.05 0.00	51.72 -0.50 0.00
NEVERSINK___HYD 23608	64.07 1.33 0.00	58.74 1.12 0.00	56.57 0.97 0.00	52.86 0.92 0.00	53.38 0.94 0.00	53.29 1.09 0.00	59.28 1.20 0.00	57.34 1.35 0.00	51.79 1.49 0.50	57.08 1.81 0.00	46.32 1.61 0.80	52.54 1.86 0.00	52.40 1.83 0.00	53.17 1.72 0.00	53.31 1.95 0.00	58.75 2.14 0.00	79.84 3.56 0.00	52.92 2.98 0.00	51.92 3.22 0.00	52.56 2.64 0.00	52.59 1.80 0.00	50.83 1.39 0.00	48.01 1.27 0.00	53.65 1.44 0.00
NEWKRMKL_115KV_TB1 55635	62.77 0.03 0.00	57.82 0.19 0.00	55.79 0.20 0.00	52.19 0.26 0.00	52.76 0.32 0.00	52.52 0.33 0.00	58.38 0.29 0.00	56.19 0.20 0.00	51.00 0.20 0.00	55.32 0.05 0.00	45.62 0.10 0.00	50.60 -0.08 0.00	50.72 0.14 0.00	51.46 0.01 0.00	51.35 -0.02 0.00	56.68 0.06 0.00	76.57 0.29 0.00	50.49 0.54 0.00	49.40 0.70 0.00	50.32 0.40 0.00	50.94 0.15 0.00	49.49 0.05 0.00	46.67 -0.06 0.00	52.28 0.06 0.00
NEWTON___FALLS_HYD 23847	64.03 1.30 0.00	58.90 1.28 0.00	56.86 1.26 0.00	53.04 1.10 0.00	53.49 1.06 0.00	53.38 1.18 0.00	59.53 1.45 0.00	57.25 1.25 0.00	51.48 0.67 0.00	55.59 0.32 0.00	45.56 0.05 0.00	50.78 0.09 0.00	50.53 -0.05 0.00	51.32 -0.12 0.00	50.75 -0.61 0.00	55.67 -0.94 0.00	75.18 -1.11 0.00	49.35 -0.60 0.00	48.39 -0.31 0.00	50.26 0.34 0.00	51.66 0.88 0.00	50.43 0.99 0.00	47.72 0.98 0.00	53.32 1.10 0.00
NGRID_A1_DSASP 323792	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
NGRID_A2_DSASP 323793	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
NGRID_A4_DSASP 323807	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
NIAGARA_115E_LBMP 323715	47.32 -0.48 14.95	41.77 -0.67 15.18	46.54 -0.52 8.53	46.25 -0.90 4.79	46.50 -0.84 5.10	43.34 -1.22 7.64	46.44 -1.15 10.49	48.04 -1.47 6.50	42.94 -1.29 6.57	53.35 -1.47 0.45	42.37 -1.05 2.09	49.77 -0.91 0.00	49.17 -1.40 0.00	50.66 -0.44 0.35	50.90 -0.21 0.25	55.61 -0.18 0.82	75.51 -0.77 0.00	49.61 -0.33 0.00	48.02 -0.68 0.00	48.56 -1.35 0.00	47.30 -1.50 1.99	43.66 -1.77 4.02	40.11 -1.33 5.30	46.46 -1.75 4.01
NIAGARA_115W_LBMP 323714	46.72 -0.49 15.53	41.27 -0.57 15.77	46.28 -0.46 8.86	46.25 -0.71 4.97	46.49 -0.65 5.30	43.22 -1.04 7.93	46.09 -1.10 10.89	47.75 -1.50 6.75	42.69 -1.28 6.83	53.26 -1.54 0.47	42.41 -0.94 2.17	49.83 -0.85 0.00	49.23 -1.34 0.00	50.38 -0.71 0.36	50.55 -0.55 0.26	55.19 -0.56 0.86	75.00 -1.28 0.00	49.19 -0.76 0.00	47.61 -1.09 0.00	48.13 -1.79 0.00	46.81 -1.90 2.07	43.09 -2.15 4.20	39.56 -1.64 5.54	46.05 -1.98 4.19
NIAGARA_230_LBMP 323716	47.08 -0.07 15.59	41.60 -0.19 15.83	46.58 -0.12 8.90	46.53 -0.41 4.99	46.77 -0.34 5.32	43.50 -0.74 7.96	46.52 -0.62 10.94	48.21 -1.01 6.77	43.08 -0.87 6.86	53.74 -1.06 0.47	42.70 -0.64 2.18	50.22 -0.46 0.00	49.58 -0.99 0.00	50.95 -0.14 0.36	51.11 0.01 0.26	55.85 0.10 0.86	76.06 -0.22 0.00	49.82 -0.13 0.00	48.28 -0.42 0.00	48.82 -1.09 0.00	47.55 -1.15 2.09	43.85 -1.36 4.23	40.21 -0.95 5.57	46.71 -1.28 4.22
NIAGARA___115KV_198_GIBSON 55903	62.24 -0.50 0.00	57.02 -0.60 0.00	55.09 -0.51 0.00	51.22 -0.72 0.00	51.78 -0.66 0.00	51.12 -1.08 0.00	56.96 -1.12 0.00	54.47 -1.52 0.00	49.51 -1.29 0.00	53.72 -1.55 0.00	44.59 -0.93 0.00	49.81 -0.87 0.00	49.24 -1.33 0.00	50.75 -0.70 0.00	50.82 -0.55 0.00	56.05 -0.56 0.00	75.02 -1.26 0.00	49.19 -0.76 0.00	47.61 -1.09 0.00	48.12 -1.79 0.00	48.88 -1.91 0.00	47.29 -2.16 0.00	45.08 -1.65 0.00	50.23 -1.99 0.00
NIAGARA____ 23760	47.51 -0.07 15.16	42.04 -0.19 15.39	46.82 -0.12 8.66	46.67 -0.41 4.86	46.92 -0.34 5.17	43.72 -0.74 7.74	46.79 -0.62 10.67	48.33 -1.01 6.66	43.19 -0.87 6.75	53.74 -1.06 0.47	42.73 -0.64 2.15	50.22 -0.46 0.00	49.58 -0.99 0.00	50.95 -0.14 0.36	51.12 0.01 0.26	55.86 0.10 0.85	76.06 -0.22 0.00	49.82 -0.13 0.00	48.28 -0.42 0.00	48.82 -1.09 0.00	47.58 -1.15 2.05	43.92 -1.36 4.16	40.34 -0.95 5.44	46.83 -1.28 4.10

NINE_MILE_1 23575	60.93 -1.81 0.00	55.91 -1.71 0.00	53.92 -1.68 0.00	50.31 -1.63 0.00	50.82 -1.62 0.00	50.59 -1.61 0.00	56.33 -1.75 0.00	54.32 -1.67 0.00	49.25 -1.55 0.00	53.55 -1.72 0.00	44.09 -1.43 0.00	49.13 -1.55 0.00	48.98 -1.60 0.00	49.90 -1.55 0.00	49.89 -1.47 0.00	54.99 -1.62 0.00	74.21 -2.07 0.00	48.75 -1.20 0.00	47.65 -1.05 0.00	48.67 -1.25 0.00	49.41 -1.38 0.00	47.98 -1.47 0.00	45.33 -1.40 0.00	50.58 -1.64 0.00
NINE_MILE_2 23744	60.93 -1.81 0.00	55.91 -1.71 0.00	53.92 -1.68 0.00	50.32 -1.62 0.00	50.82 -1.62 0.00	50.59 -1.61 0.00	56.33 -1.75 0.00	54.32 -1.67 0.00	49.25 -1.55 0.00	53.55 -1.72 0.00	44.09 -1.43 0.00	49.14 -1.54 0.00	48.98 -1.60 0.00	49.90 -1.55 0.00	49.89 -1.47 0.00	54.99 -1.62 0.00	74.21 -2.07 0.00	48.75 -1.20 0.00	47.65 -1.05 0.00	48.67 -1.25 0.00	49.41 -1.38 0.00	47.98 -1.47 0.00	45.34 -1.40 0.00	50.58 -1.64 0.00
NM_CAPITAL___DRP 24208	62.86 0.12 0.00	57.93 0.31 0.00	55.89 0.29 0.00	52.32 0.38 0.00	52.88 0.44 0.00	52.63 0.43 0.00	58.49 0.40 0.00	56.26 0.27 0.00	51.04 0.24 0.00	55.40 0.13 0.00	45.64 0.12 0.00	50.62 -0.06 0.00	50.75 0.17 0.00	51.47 0.02 0.00	51.34 -0.02 0.00	56.67 0.05 0.00	76.49 0.21 0.00	50.44 0.49 0.00	49.36 0.66 0.00	50.30 0.39 0.00	50.93 0.14 0.00	49.52 0.08 0.00	46.69 -0.04 0.00	52.34 0.13 0.00
NM_CENTRAL___DRP 24181	62.35 -0.39 0.00	57.15 -0.47 0.00	55.09 -0.51 0.00	51.40 -0.54 0.00	51.91 -0.53 0.00	51.66 -0.54 0.00	57.59 -0.49 0.00	55.52 -0.48 0.00	50.34 -0.47 0.00	54.75 -0.52 0.00	45.07 -0.45 0.00	50.31 -0.37 0.00	50.11 -0.46 0.00	51.07 -0.38 0.00	51.08 -0.29 0.00	56.33 -0.28 0.00	76.12 -0.16 0.00	50.04 0.09 0.00	48.96 0.26 0.00	49.96 0.04 0.00	50.63 -0.15 0.00	49.10 -0.34 0.00	46.34 -0.40 0.00	51.63 -0.58 0.00
NM_FRONTIER___DRP 24179	62.24 -0.50 0.00	57.02 -0.60 0.00	55.09 -0.51 0.00	51.22 -0.72 0.00	51.78 -0.66 0.00	51.12 -1.08 0.00	56.96 -1.12 0.00	54.47 -1.52 0.00	49.51 -1.29 0.00	53.72 -1.55 0.00	44.59 -0.93 0.00	49.81 -0.87 0.00	49.24 -1.33 0.00	50.75 -0.70 0.00	50.82 -0.55 0.00	56.05 -0.56 0.00	75.02 -1.26 0.00	49.19 -0.76 0.00	47.61 -1.09 0.00	48.12 -1.79 0.00	48.88 -1.91 0.00	47.29 -2.16 0.00	45.08 -1.65 0.00	50.23 -1.99 0.00
NM_ST_REGIS___HYD 24053	63.71 0.97 0.00	58.46 0.84 0.00	56.45 0.85 0.00	52.69 0.75 0.00	53.07 0.64 0.00	52.89 0.70 0.00	58.96 0.87 0.00	56.92 0.92 0.00	51.64 0.83 0.00	55.91 0.64 0.00	46.03 0.51 0.00	51.21 0.53 0.00	51.22 0.64 0.00	52.40 0.95 0.00	51.98 0.61 0.00	57.32 0.70 0.00	77.36 1.08 0.00	50.30 0.35 0.00	48.96 0.27 0.00	50.54 0.63 0.00	51.62 0.83 0.00	50.47 1.03 0.00	47.74 1.00 0.00	53.24 1.03 0.00
NORTHPORT___1 23551	62.91 0.17 0.00	58.60 0.97 0.00	57.38 1.78 0.00	53.77 1.83 0.00	54.39 1.96 0.00	54.45 2.25 0.00	59.64 1.55 0.00	58.12 2.13 0.00	55.53 3.10 -1.62	58.29 3.02 0.00	52.34 3.04 -3.77	53.59 2.78 -0.12	53.11 2.54 0.00	53.86 2.41 0.00	54.08 2.71 0.00	57.09 2.55 2.07	47.01 3.37 32.64	31.99 3.04 21.00	52.01 3.31 0.00	52.27 2.36 0.00	51.59 0.80 0.00	50.32 0.88 0.00	47.69 0.96 0.00	53.76 1.55 0.00
NORTHPORT___2 23552	62.91 0.17 0.00	58.60 0.97 0.00	57.38 1.78 0.00	53.77 1.83 0.00	54.39 1.96 0.00	54.45 2.25 0.00	59.64 1.55 0.00	58.12 2.13 0.00	55.53 3.10 -1.62	58.29 3.02 0.00	52.34 3.04 -3.77	53.59 2.78 -0.12	53.11 2.54 0.00	53.86 2.41 0.00	54.08 2.71 0.00	57.09 2.55 2.07	47.01 3.37 32.64	31.99 3.04 21.00	52.01 3.31 0.00	52.27 2.36 0.00	51.59 0.80 0.00	50.32 0.88 0.00	47.69 0.96 0.00	53.76 1.55 0.00
NORTHPORT___3 23553	62.93 0.19 0.00	58.60 0.98 0.00	57.38 1.79 0.00	53.77 1.83 0.00	54.39 1.95 0.00	54.44 2.24 0.00	59.64 1.55 0.00	58.14 2.15 0.00	55.53 3.10 -1.62	58.32 3.05 0.00	52.34 3.05 -3.77	53.61 2.81 -0.12	53.11 2.54 0.00	53.87 2.43 0.00	54.09 2.72 0.00	57.84 2.57 1.35	58.51 3.45 21.22	39.37 3.08 13.65	52.04 3.35 0.00	52.32 2.40 0.00	51.62 0.84 0.00	50.39 0.95 0.00	47.77 1.03 0.00	53.83 1.61 0.00
NORTHPORT___4 23650	62.93 0.19 0.00	58.60 0.98 0.00	57.38 1.79 0.00	53.77 1.83 0.00	54.39 1.95 0.00	54.44 2.24 0.00	59.64 1.55 0.00	58.14 2.15 0.00	55.53 3.10 -1.62	58.32 3.05 0.00	52.34 3.05 -3.77	53.61 2.81 -0.12	53.11 2.54 0.00	53.87 2.43 0.00	54.09 2.72 0.00	57.84 2.57 1.35	58.51 3.45 21.22	39.37 3.08 13.65	52.04 3.35 0.00	52.32 2.40 0.00	51.62 0.84 0.00	50.39 0.95 0.00	47.77 1.03 0.00	53.83 1.61 0.00
NORTHPORT___IC 23718	62.91 0.17 0.00	58.61 0.98 0.00	57.41 1.81 0.00	53.78 1.84 0.00	54.40 1.96 0.00	54.45 2.25 0.00	59.67 1.59 0.00	58.14 2.15 0.00	55.53 3.11 -1.62	58.30 3.03 0.00	52.34 3.05 -3.77	53.60 2.80 -0.12	53.10 2.53 0.00	53.85 2.40 0.00	54.08 2.71 0.00	57.09 2.55 2.07	47.01 3.37 32.64	31.99 3.04 21.00	52.01 3.31 0.00	52.27 2.36 0.00	51.59 0.80 0.00	50.33 0.88 0.00	47.70 0.96 0.00	53.76 1.55 0.00
NORTH___COUNTRY_ESR 323785	62.79 0.05 0.00	57.70 0.07 0.00	55.74 0.14 0.00	52.02 0.08 0.00	52.42 -0.01 0.00	52.21 0.01 0.00	58.13 0.05 0.00	56.04 0.05 0.00	50.88 0.07 0.00	55.36 0.09 0.00	45.59 0.07 0.00	50.69 0.01 0.00	50.68 0.10 0.00	51.66 0.21 0.00	51.38 0.01 0.00	56.55 -0.06 0.00	76.15 -0.13 0.00	49.48 -0.47 0.00	48.07 -0.63 0.00	49.60 -0.31 0.00	50.72 -0.07 0.00	49.60 0.15 0.00	47.00 0.27 0.00	52.48 0.27 0.00
NPX_GEN_1385_PROXY 323591	62.11 -0.63 0.00	58.14 0.52 0.00	57.37 1.77 0.00	53.56 1.62 0.00	54.39 1.96 0.00	54.30 2.24 0.13	59.30 1.22 0.00	57.90 1.91 0.00	54.96 2.53 -1.62	57.26 1.99 0.00	51.28 1.99 -3.77	52.28 1.48 -0.12	51.91 1.34 0.00	52.70 1.25 0.00	52.88 1.51 0.00	55.77 1.23 2.07	45.28 1.63 32.64	30.85 1.90 21.00	51.12 2.42 0.00	51.40 1.49 0.00	50.86 0.07 0.00	49.49 0.04 0.00	46.55 -0.18 0.00	53.07 0.85 0.00
NPX_GEN_CSC 323557	63.19 0.45 0.00	58.62 1.00 0.00	57.26 1.66 0.00	53.56 1.62 0.00	54.21 1.77 0.00	54.18 2.12 0.13	59.66 1.57 0.00	58.25 2.26 0.00	55.69 3.26 -1.62	58.58 3.31 0.00	52.63 3.35 -3.77	53.93 3.13 -0.12	53.65 3.07 0.00	54.42 2.97 0.00	54.69 3.33 0.00	60.15 3.23 -0.30	85.58 4.53 -4.77	57.01 3.99 -3.07	52.63 3.93 0.00	52.76 2.84 0.00	52.22 1.44 0.00	51.25 1.81 0.00	48.18 1.45 0.00	53.89 1.68 0.00
NSINS_S_GLNS_FALLS 23858	65.36 2.62 0.00	60.10 2.48 0.00	58.07 2.47 0.00	54.29 2.35 0.00	54.85 2.41 0.00	54.57 2.37 0.00	60.72 2.64 0.00	58.15 2.16 0.00	52.15 1.34 0.00	56.26 0.99 0.00	45.81 0.30 0.00	50.71 0.03 0.00	51.18 0.60 0.00	52.04 0.59 0.00	51.73 0.36 0.00	57.36 0.75 0.00	78.22 1.94 0.00	51.85 1.90 0.00	51.14 2.44 0.00	52.32 2.41 0.00	53.15 2.37 0.00	51.63 2.19 0.00	48.45 1.71 0.00	54.36 2.15 0.00

NUCOR_STEEL____DRP 24197	63.39 0.65 0.00	58.09 0.47 0.00	56.06 0.46 0.00	52.05 0.12 0.00	52.74 0.31 0.00	52.49 0.29 0.00	58.56 0.48 0.00	56.42 0.43 0.00	51.09 0.28 0.00	55.50 0.23 0.00	45.38 -0.14 0.00	50.60 -0.08 0.00	50.56 -0.01 0.00	51.59 0.14 0.00	51.60 0.23 0.00	56.90 0.29 0.00	77.00 0.72 0.00	50.65 0.70 0.00	49.84 1.15 0.00	50.89 0.98 0.00	51.59 0.81 0.00	49.80 0.35 0.00	47.13 0.40 0.00	52.25 0.04 0.00
NUMBER_THREE_WT_PWR 323818	64.47 1.73 0.00	59.44 1.82 0.00	57.35 1.75 0.00	53.50 1.57 0.00	54.02 1.58 0.00	53.94 1.74 0.00	60.18 2.10 0.00	57.84 1.85 0.00	51.94 1.14 0.00	55.93 0.66 0.00	45.69 0.17 0.00	50.89 0.21 0.00	50.54 -0.04 0.00	51.49 0.04 0.00	51.13 -0.24 0.00	56.09 -0.52 0.00	76.28 0.00 0.00	50.58 0.63 0.00	49.80 1.10 0.00	51.63 1.71 0.00	52.81 2.03 0.00	51.37 1.93 0.00	48.28 1.55 0.00	53.89 1.67 0.00
NYISO_LBMP_REFERENCE 24008	62.74 0.00 0.00	57.62 0.00 0.00	55.60 0.00 0.00	51.93 0.00 0.00	52.44 0.00 0.00	52.19 0.00 0.00	58.08 0.00 0.00	56.00 0.00 0.00	50.80 0.00 0.00	55.27 0.00 0.00	45.52 0.00 0.00	50.68 0.00 0.00	50.57 0.00 0.00	51.45 0.00 0.00	51.37 0.00 0.00	56.61 0.00 0.00	76.28 0.00 0.00	49.95 0.00 0.00	48.70 0.00 0.00	49.91 0.00 0.00	50.79 0.00 0.00	49.44 0.00 0.00	46.74 0.00 0.00	52.21 0.00 0.00
NYPA_BRENTWD____GT 24164	64.18 1.44 0.00	59.62 2.00 0.00	58.21 2.61 0.00	54.49 2.55 0.00	55.09 2.65 0.00	55.18 2.98 0.00	60.57 2.48 0.00	59.10 3.10 0.00	56.39 3.96 -1.62	59.32 4.05 0.00	53.21 3.92 -3.77	54.68 3.88 -0.12	54.27 3.69 0.00	55.10 3.65 0.00	55.35 3.99 0.00	60.70 3.82 -0.27	85.77 5.27 -4.22	56.98 4.32 -2.72	53.22 4.52 0.00	53.45 3.53 0.00	52.87 2.08 0.00	51.52 2.08 0.00	48.71 1.98 0.00	54.77 2.56 0.00
NYPA_GOWANUS____GT5 24156	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.33 3.18 -2.64	53.98 3.30 0.00	53.65 3.08 0.00	54.36 2.91 0.00	54.51 3.14 0.00	60.04 3.43 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.70 4.00 0.00	53.24 3.33 0.00	53.04 2.26 0.00	51.40 1.96 0.00	48.76 2.02 0.00	54.71 2.50 0.00
NYPA_GOWANUS____GT6 24157	65.07 2.33 0.00	59.72 2.09 0.00	57.54 1.94 0.00	53.78 1.85 0.00	54.28 1.84 0.00	54.25 2.05 0.00	60.31 2.22 0.00	58.42 2.43 0.00	55.33 2.89 -1.64	58.69 3.43 0.00	51.33 3.18 -2.64	53.98 3.30 0.00	53.65 3.08 0.00	54.36 2.91 0.00	54.51 3.14 0.00	60.04 3.43 0.00	81.45 5.17 0.00	53.91 3.96 0.00	52.70 4.00 0.00	53.24 3.33 0.00	53.04 2.26 0.00	51.40 1.96 0.00	48.76 2.02 0.00	54.71 2.50 0.00
NYPA_HARLEM__RVR__GT1 24160	64.57 1.83 0.00	59.34 1.72 0.00	57.21 1.61 0.00	53.52 1.59 0.00	54.02 1.59 0.00	54.07 1.87 0.00	60.02 1.93 0.00	58.19 2.19 0.00	55.12 2.68 -1.64	58.46 3.19 0.00	51.17 3.02 -2.64	53.63 2.94 0.00	53.29 2.73 0.01	54.01 2.57 0.02	54.15 2.80 0.01	59.65 3.05 0.01	80.90 4.62 0.00	53.55 3.60 0.00	52.33 3.63 0.01	52.86 2.95 0.01	52.70 1.93 0.01	51.06 1.63 0.02	48.35 1.62 0.00	54.24 2.03 0.00
NYPA_HARLEM__RVR__GT2 24161	64.57 1.83 0.00	59.34 1.72 0.00	57.21 1.61 0.00	53.52 1.59 0.00	54.02 1.59 0.00	54.07 1.87 0.00	60.02 1.93 0.00	58.19 2.19 0.00	55.12 2.68 -1.64	58.46 3.19 0.00	51.17 3.02 -2.64	53.63 2.94 0.00	53.29 2.73 0.01	54.01 2.57 0.02	54.15 2.80 0.01	59.65 3.05 0.01	80.90 4.62 0.00	53.55 3.60 0.00	52.33 3.63 0.01	52.86 2.95 0.01	52.70 1.93 0.01	51.06 1.63 0.02	48.35 1.62 0.00	54.24 2.03 0.00
NYPA_KENT____GT 24152	64.92 2.17 0.00	59.59 1.97 0.00	57.42 1.82 0.00	53.70 1.76 0.00	54.21 1.77 0.00	54.16 1.95 0.00	60.20 2.12 0.00	58.33 2.33 0.00	55.26 2.82 -1.64	58.65 3.38 0.00	51.29 3.13 -2.64	53.91 3.23 0.00	53.56 2.98 0.00	54.28 2.83 0.00	54.43 3.07 0.00	59.95 3.34 0.00	81.34 5.06 0.00	53.83 3.88 0.00	52.60 3.90 0.00	53.13 3.22 0.00	52.93 2.15 0.00	51.29 1.85 0.00	48.66 1.93 0.00	54.61 2.40 0.00
NYPA_POUCH1____GT 24155	32.46 2.28 32.55	32.45 2.05 27.22	32.46 1.89 25.03	32.40 1.80 21.33	32.38 1.79 21.85	32.45 2.00 21.75	32.50 2.16 27.75	35.86 2.35 22.49	-834.37 2.78 887.94	-696.79 3.28 755.34	-696.68 3.09 745.28	-1566.96 3.19 1620.83	-11.39 2.98 64.94	49.24 2.84 5.04	50.82 3.08 3.62	50.86 3.33 9.08	51.26 5.08 30.10	50.97 3.89 2.87	50.63 3.94 2.01	48.16 3.29 5.05	32.21 2.23 20.81	32.27 1.93 19.10	32.25 1.95 16.44	32.29 2.43 22.35
NYPA_VERNON____GT2 24162	64.77 2.03 0.00	59.46 1.84 0.00	57.30 1.70 0.00	53.62 1.68 0.00	54.13 1.69 0.00	54.09 1.89 0.00	60.10 2.01 0.00	58.24 2.25 0.00	55.20 2.76 -1.64	58.60 3.33 0.00	51.28 3.13 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.25 2.80 0.00	54.38 3.01 0.00	59.92 3.30 0.00	81.26 4.98 0.00	53.78 3.83 0.00	52.55 3.85 0.00	53.05 3.14 0.00	52.86 2.07 0.00	51.21 1.77 0.00	48.57 1.83 0.00	54.50 2.28 0.00
NYPA_VERNON____GT3 24163	64.77 2.03 0.00	59.46 1.84 0.00	57.30 1.70 0.00	53.62 1.68 0.00	54.13 1.69 0.00	54.09 1.89 0.00	60.10 2.01 0.00	58.24 2.25 0.00	55.20 2.76 -1.64	58.60 3.33 0.00	51.28 3.13 -2.64	53.88 3.20 0.00	53.53 2.96 0.00	54.25 2.80 0.00	54.38 3.01 0.00	59.92 3.30 0.00	81.26 4.98 0.00	53.78 3.83 0.00	52.55 3.85 0.00	53.05 3.14 0.00	52.86 2.07 0.00	51.21 1.77 0.00	48.57 1.83 0.00	54.50 2.28 0.00
NYPA__ASTORIA_CC1 323568	64.69 1.94 0.00	59.38 1.75 0.00	57.21 1.61 0.00	53.54 1.61 0.00	54.06 1.62 0.00	54.03 1.84 0.00	60.02 1.94 0.00	58.16 2.17 0.00	55.14 2.70 -1.64	58.51 3.24 0.00	51.23 3.07 -2.64	53.80 3.12 0.00	53.47 2.89 0.00	54.18 2.73 0.00	54.33 2.96 0.00	59.84 3.23 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.48 3.78 0.00	52.98 3.07 0.00	52.79 2.01 0.00	51.16 1.71 0.00	48.51 1.77 0.00	54.42 2.21 0.00
NYPA__ASTORIA_CC2 323569	64.69 1.94 0.00	59.38 1.75 0.00	57.21 1.61 0.00	53.54 1.61 0.00	54.06 1.62 0.00	54.03 1.84 0.00	60.02 1.94 0.00	58.16 2.17 0.00	55.14 2.70 -1.64	58.51 3.24 0.00	51.23 3.07 -2.64	53.80 3.12 0.00	53.47 2.89 0.00	54.18 2.73 0.00	54.33 2.96 0.00	59.84 3.23 0.00	81.16 4.88 0.00	53.71 3.76 0.00	52.48 3.78 0.00	52.98 3.07 0.00	52.79 2.01 0.00	51.16 1.71 0.00	48.51 1.77 0.00	54.42 2.21 0.00
NYPA__HOLTSVILL 23794	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.94 2.01 0.00	54.57 2.13 0.00	54.65 2.45 0.00	60.00 1.92 0.00	58.54 2.55 0.00	55.89 3.47 -1.62	58.80 3.53 0.00	52.80 3.51 -3.77	54.14 3.34 -0.12	53.80 3.23 0.00	54.61 3.16 0.00	54.86 3.49 0.00	60.30 3.37 -0.32	85.92 4.63 -5.01	57.11 3.94 -3.23	52.75 4.06 0.00	52.95 3.04 0.00	52.28 1.50 0.00	51.06 1.62 0.00	48.27 1.53 0.00	54.24 2.03 0.00

NYPA_____HELLGATE_GT1 24158	64.62 1.88 0.00	59.38 1.76 0.00	57.21 1.61 0.00	53.52 1.59 0.00	54.02 1.59 0.00	54.08 1.88 0.00	60.07 1.98 0.00	58.19 2.19 0.00	55.11 2.67 -1.64	58.46 3.19 0.00	51.18 3.03 -2.64	53.67 2.99 0.00	53.36 2.78 0.00	54.06 2.61 0.00	54.21 2.84 0.00	59.70 3.09 0.00	80.97 4.69 0.00	53.58 3.64 0.00	52.37 3.67 0.00	52.90 2.99 0.00	52.74 1.96 0.00	51.11 1.67 0.00	48.40 1.66 0.00	54.29 2.08 0.00
NYPA_____HELLGATE_GT2 24159	64.62 1.88 0.00	59.38 1.76 0.00	57.21 1.61 0.00	53.52 1.59 0.00	54.02 1.59 0.00	54.08 1.88 0.00	60.07 1.98 0.00	58.19 2.19 0.00	55.11 2.67 -1.64	58.46 3.19 0.00	51.18 3.03 -2.64	53.67 2.99 0.00	53.36 2.78 0.00	54.06 2.61 0.00	54.21 2.84 0.00	59.70 3.09 0.00	80.97 4.69 0.00	53.58 3.64 0.00	52.37 3.67 0.00	52.90 2.99 0.00	52.74 1.96 0.00	51.11 1.67 0.00	48.40 1.66 0.00	54.29 2.08 0.00
NYS_BARGE___HYD 23848	49.41 0.50 13.83	43.86 0.29 14.05	48.03 0.32 7.90	47.43 -0.07 4.43	47.71 0.00 4.72	44.75 -0.38 7.07	48.20 -0.18 9.71	49.46 -0.53 6.01	44.28 -0.44 6.09	54.24 -0.61 0.42	43.21 -0.37 1.94	50.54 -0.14 0.00	49.91 -0.66 0.00	51.44 0.31 0.32	51.70 0.56 0.23	56.59 0.73 0.76	76.82 0.54 0.00	50.51 0.56 0.00	48.94 0.24 0.00	49.52 -0.40 0.00	48.45 -0.50 1.83	44.93 -0.81 3.70	41.37 -0.49 4.87	47.66 -0.87 3.69
OAK ORCHARD___HYD 24046	56.06 1.11 7.79	50.53 0.82 7.91	51.88 0.73 4.45	49.88 0.44 2.50	50.26 0.49 2.66	48.51 0.29 3.98	53.17 0.55 5.46	52.95 0.34 3.39	47.71 0.33 3.43	55.33 0.30 0.24	44.80 0.37 1.09	51.35 0.67 0.00	50.99 0.41 0.00	52.30 1.03 0.17	52.44 1.20 0.13	57.68 1.48 0.42	78.26 1.99 0.00	51.34 1.39 0.00	49.90 1.20 0.00	50.65 0.73 0.00	50.37 0.59 1.01	47.70 0.30 2.04	44.39 0.34 2.69	50.25 0.08 2.04
OAKDALE__35_KV_LOAD 356122	63.00 0.26 0.00	57.66 0.04 0.00	55.66 0.05 0.00	51.95 0.01 0.00	52.48 0.04 0.00	52.16 -0.04 0.00	58.15 0.06 0.00	56.10 0.10 0.00	50.89 0.09 0.00	55.52 0.25 0.00	45.62 0.10 0.00	51.05 0.37 0.00	50.55 -0.02 0.00	51.50 0.05 0.00	51.50 0.14 0.00	56.76 0.15 0.00	77.06 0.78 0.00	50.77 0.82 0.00	49.90 1.20 0.00	50.81 0.90 0.00	51.30 0.51 0.00	49.58 0.13 0.00	46.76 0.03 0.00	52.11 -0.11 0.00
OCC_CHEM___DRP 24175	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
OH_GEN_PROXY 24063	45.70 -0.10 16.94	40.18 -0.23 17.21	45.79 -0.14 9.67	46.08 -0.43 5.43	46.29 -0.37 5.78	42.66 -0.75 8.79	45.57 -0.63 11.88	47.66 -0.97 7.36	42.52 -0.83 7.45	53.80 -0.96 0.51	42.57 -0.58 2.37	50.31 -0.37 0.00	49.65 -0.92 0.00	50.96 -0.09 0.40	51.13 0.05 0.29	55.81 0.14 0.94	76.18 -0.10 0.00	49.90 -0.05 0.00	48.38 -0.32 0.00	48.93 -0.98 0.00	47.45 -1.05 2.29	43.53 -1.28 4.63	39.71 -0.92 6.11	46.33 -1.26 4.62
OLIN_CORP_DRP 24177	62.38 -0.37 0.00	57.05 -0.57 0.00	55.15 -0.45 0.00	51.15 -0.78 0.00	51.71 -0.73 0.00	51.07 -1.13 0.00	57.03 -1.05 0.00	54.64 -1.36 0.00	49.60 -1.20 0.00	53.90 -1.37 0.00	44.58 -0.94 0.00	49.86 -0.82 0.00	49.27 -1.30 0.00	51.09 -0.36 0.00	51.26 -0.10 0.00	56.54 -0.07 0.00	75.70 -0.58 0.00	49.69 -0.26 0.00	48.09 -0.61 0.00	48.63 -1.28 0.00	49.37 -1.41 0.00	47.77 -1.67 0.00	45.49 -1.24 0.00	50.58 -1.63 0.00
OLIN_CORP_DSASP 323712	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
ONEIDA_HERK_LFGE 323681	64.26 1.52 0.00	59.08 1.46 0.00	56.99 1.39 0.00	53.19 1.25 0.00	53.72 1.28 0.00	53.58 1.39 0.00	59.74 1.66 0.00	57.49 1.50 0.00	51.85 1.05 0.00	56.04 0.76 0.00	45.92 0.40 0.00	51.16 0.48 0.00	50.97 0.40 0.00	51.95 0.50 0.00	51.74 0.38 0.00	56.93 0.31 0.00	77.10 0.82 0.00	50.99 1.04 0.00	50.06 1.37 0.00	51.58 1.66 0.00	52.49 1.71 0.00	50.99 1.55 0.00	48.03 1.29 0.00	53.56 1.35 0.00
ONEIDA___115KV_TB4 55905	64.44 1.69 0.00	59.08 1.46 0.00	56.95 1.35 0.00	53.16 1.22 0.00	53.67 1.24 0.00	53.52 1.33 0.00	59.69 1.60 0.00	57.46 1.46 0.00	51.90 1.10 0.00	56.12 0.85 0.00	46.06 0.54 0.00	51.33 0.65 0.00	51.21 0.64 0.00	52.17 0.73 0.00	52.09 0.72 0.00	57.42 0.81 0.00	77.77 1.48 0.00	51.27 1.32 0.00	50.36 1.66 0.00	51.80 1.89 0.00	52.54 1.75 0.00	50.94 1.49 0.00	48.02 1.28 0.00	53.48 1.27 0.00
ONONDAGA_REF_OCCRA 23987	62.77 0.03 0.00	57.55 -0.07 0.00	55.50 -0.10 0.00	51.76 -0.18 0.00	52.23 -0.20 0.00	51.98 -0.21 0.00	57.95 -0.13 0.00	55.87 -0.12 0.00	50.64 -0.16 0.00	55.05 -0.22 0.00	45.27 -0.25 0.00	50.55 -0.13 0.00	50.32 -0.25 0.00	51.31 -0.14 0.00	51.30 -0.07 0.00	56.59 -0.02 0.00	76.52 0.24 0.00	50.33 0.38 0.00	49.30 0.61 0.00	50.33 0.42 0.00	50.99 0.21 0.00	49.43 -0.01 0.00	46.64 -0.09 0.00	51.95 -0.27 0.00
ONONDAGA___COGEN 23986	62.65 -0.09 0.00	57.63 0.01 0.00	55.72 0.11 0.00	51.82 -0.12 0.00	52.15 -0.28 0.00	51.92 -0.28 0.00	57.88 -0.20 0.00	55.79 -0.20 0.00	50.50 -0.30 0.00	54.88 -0.39 0.00	45.11 -0.41 0.00	50.37 -0.32 0.00	50.17 -0.40 0.00	51.16 -0.28 0.00	51.16 -0.21 0.00	56.44 -0.17 0.00	76.31 0.02 0.00	50.16 0.21 0.00	49.16 0.46 0.00	50.20 0.28 0.00	50.88 0.10 0.00	49.33 -0.11 0.00	46.57 -0.17 0.00	51.86 -0.36 0.00
ONTARIO___LFGE 23819	63.99 1.25 0.00	58.37 0.74 0.00	56.40 0.80 0.00	52.58 0.65 0.00	53.12 0.68 0.00	52.76 0.56 0.00	59.01 0.93 0.00	56.83 0.84 0.00	51.43 0.63 0.00	55.89 0.62 0.00	45.73 0.21 0.00	51.25 0.57 0.00	50.79 0.21 0.00	51.97 0.52 0.00	52.05 0.69 0.00	57.55 0.94 0.00	78.04 1.76 0.00	51.64 1.69 0.00	50.88 2.18 0.00	51.77 1.86 0.00	52.33 1.54 0.00	50.46 1.01 0.00	47.57 0.83 0.00	52.80 0.59 0.00
ORANGEVILLE_WT_PWR 323706	56.22 0.48 7.01	50.68 0.18 7.12	52.07 0.47 4.00	49.93 0.24 2.25	50.36 0.31 2.39	48.59 -0.03 3.58	53.42 0.25 4.92	52.99 0.04 3.05	47.69 -0.03 3.09	55.03 -0.02 0.21	44.29 -0.25 0.98	50.76 0.08 0.00	49.93 -0.64 0.00	51.27 -0.06 0.12	51.46 0.18 0.09	56.76 0.43 0.28	77.24 0.96 0.00	51.06 1.11 0.00	49.89 1.19 0.00	50.59 0.67 0.00	50.57 0.47 0.69	48.09 0.03 1.39	45.04 0.13 1.83	50.60 -0.23 1.38

ORANGEVILLE___ESR 323794	56.22 0.48 7.01	50.68 0.18 7.12	52.07 0.47 4.00	49.93 0.24 2.25	50.36 0.31 2.39	48.59 -0.03 3.58	53.42 0.25 4.92	52.99 0.04 3.05	47.69 -0.03 3.09	55.03 -0.02 0.21	44.29 -0.25 0.98	50.76 0.08 0.00	49.93 -0.64 0.00	51.27 -0.06 0.12	51.46 0.18 0.09	56.76 0.43 0.28	77.24 0.96 0.00	51.06 1.11 0.00	49.89 1.19 0.00	50.59 0.67 0.00	50.57 0.47 0.69	48.09 0.03 1.39	45.04 0.13 1.83	50.60 -0.23 1.38
OSWEGATCHIE___HYD 24044	64.03 1.29 0.00	58.90 1.28 0.00	56.86 1.26 0.00	53.04 1.10 0.00	53.49 1.06 0.00	53.37 1.18 0.00	59.53 1.45 0.00	57.25 1.25 0.00	51.48 0.67 0.00	55.59 0.32 0.00	45.57 0.05 0.00	50.78 0.09 0.00	50.53 -0.05 0.00	51.32 -0.12 0.00	50.75 -0.61 0.00	55.67 -0.94 0.00	75.18 -1.10 0.00	49.35 -0.60 0.00	48.39 -0.31 0.00	50.26 0.34 0.00	51.66 0.88 0.00	50.43 0.99 0.00	47.72 0.98 0.00	53.32 1.11 0.00
OSWEGO___5 23606	61.46 -1.29 0.00	56.36 -1.26 0.00	54.36 -1.24 0.00	50.73 -1.21 0.00	51.24 -1.20 0.00	51.00 -1.20 0.00	56.80 -1.28 0.00	54.76 -1.23 0.00	49.65 -1.15 0.00	53.99 -1.28 0.00	44.43 -1.09 0.00	49.53 -1.15 0.00	49.36 -1.21 0.00	50.28 -1.17 0.00	50.29 -1.08 0.00	55.43 -1.18 0.00	74.83 -1.46 0.00	49.15 -0.79 0.00	48.06 -0.64 0.00	49.11 -0.81 0.00	49.83 -0.96 0.00	48.38 -1.06 0.00	45.71 -1.02 0.00	50.98 -1.24 0.00
OSWEGO___6 23613	61.46 -1.29 0.00	56.36 -1.26 0.00	54.36 -1.24 0.00	50.73 -1.21 0.00	51.24 -1.20 0.00	51.00 -1.20 0.00	56.80 -1.28 0.00	54.76 -1.23 0.00	49.65 -1.15 0.00	53.99 -1.28 0.00	44.43 -1.09 0.00	49.53 -1.15 0.00	49.36 -1.21 0.00	50.28 -1.17 0.00	50.29 -1.08 0.00	55.43 -1.18 0.00	74.83 -1.46 0.00	49.15 -0.79 0.00	48.06 -0.64 0.00	49.11 -0.81 0.00	49.83 -0.96 0.00	48.38 -1.06 0.00	45.71 -1.02 0.00	50.98 -1.24 0.00
OUTOKUMPU-AB___DRP 24206	63.77 1.03 0.00	58.38 0.75 0.00	56.34 0.74 0.00	52.31 0.38 0.00	52.87 0.44 0.00	52.24 0.05 0.00	58.36 0.28 0.00	55.89 -0.11 0.00	50.79 -0.01 0.00	55.17 -0.10 0.00	45.73 0.21 0.00	51.15 0.46 0.00	50.52 -0.05 0.00	52.27 0.82 0.00	52.41 1.05 0.00	57.81 1.19 0.00	77.52 1.24 0.00	50.88 0.93 0.00	49.28 0.58 0.00	49.84 -0.07 0.00	50.61 -0.17 0.00	48.93 -0.51 0.00	46.52 -0.21 0.00	51.66 -0.55 0.00
OXBOW___BTM 323836	47.63 0.30 15.41	42.10 0.13 15.66	46.98 0.18 8.80	46.84 -0.16 4.94	47.07 -0.11 5.26	43.85 -0.48 7.88	46.88 -0.39 10.82	48.52 -0.77 6.70	43.41 -0.62 6.78	54.01 -0.79 0.47	43.01 -0.36 2.16	50.54 -0.14 0.00	49.92 -0.66 0.00	51.21 0.12 0.36	51.41 0.30 0.26	56.15 0.39 0.85	76.38 0.10 0.00	50.10 0.15 0.00	48.50 -0.20 0.00	49.03 -0.88 0.00	47.76 -0.98 2.05	44.01 -1.27 4.16	40.38 -0.87 5.48	46.83 -1.23 4.15
OXBOW___ 24026	63.04 0.30 0.00	57.72 0.10 0.00	55.73 0.13 0.00	51.78 -0.16 0.00	52.33 -0.11 0.00	51.69 -0.51 0.00	57.68 -0.41 0.00	55.20 -0.80 0.00	50.17 -0.63 0.00	54.48 -0.79 0.00	45.17 -0.34 0.00	50.52 -0.16 0.00	49.92 -0.66 0.00	51.56 0.11 0.00	51.67 0.30 0.00	57.00 0.39 0.00	76.38 0.10 0.00	50.10 0.15 0.00	48.50 -0.20 0.00	49.04 -0.88 0.00	49.80 -0.98 0.00	48.15 -1.29 0.00	45.84 -0.89 0.00	50.96 -1.25 0.00
OXY_CHEM_DSASP 323612	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
OZONE_PARK_ESR 323760	65.69 2.95 0.00	60.25 2.63 0.00	58.06 2.46 0.00	54.23 2.30 0.00	54.75 2.31 0.00	54.65 2.46 0.00	60.82 2.73 0.00	58.91 2.91 0.00	55.76 3.32 -1.64	59.29 4.02 0.00	51.78 3.63 -2.64	54.57 3.89 0.00	54.20 3.62 0.00	54.95 3.50 0.00	55.09 3.72 0.00	60.73 4.11 0.00	82.41 6.13 0.00	54.54 4.58 0.00	53.32 4.62 0.00	53.83 3.92 0.00	53.65 2.87 0.00	51.93 2.49 0.00	49.23 2.50 0.00	55.21 3.00 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	62.37 -0.37 0.00	57.13 -0.49 0.00	55.20 -0.40 0.00	51.31 -0.62 0.00	51.86 -0.57 0.00	51.22 -0.98 0.00	57.08 -1.00 0.00	54.59 -1.41 0.00	49.61 -1.20 0.00	53.82 -1.45 0.00	44.68 -0.84 0.00	49.91 -0.77 0.00	49.34 -1.23 0.00	50.87 -0.58 0.00	50.95 -0.42 0.00	56.19 -0.42 0.00	75.21 -1.07 0.00	49.33 -0.62 0.00	47.73 -0.97 0.00	48.25 -1.66 0.00	49.01 -1.78 0.00	47.42 -2.03 0.00	45.21 -1.52 0.00	50.35 -1.86 0.00
PACKARD__115KV_DUPONT_184 80571	46.86 -0.36 15.52	41.39 -0.46 15.77	46.40 -0.34 8.86	46.35 -0.61 4.97	46.58 -0.57 5.30	43.32 -0.94 7.93	46.22 -0.98 10.89	47.87 -1.39 6.74	42.81 -1.17 6.83	53.36 -1.44 0.47	42.49 -0.86 2.17	49.94 -0.74 0.00	49.33 -1.24 0.00	50.52 -0.57 0.36	50.69 -0.42 0.26	55.33 -0.42 0.86	75.21 -1.07 0.00	49.32 -0.63 0.00	47.73 -0.96 0.00	48.25 -1.67 0.00	46.94 -1.77 2.07	43.23 -2.02 4.20	39.69 -1.52 5.53	46.18 -1.84 4.18
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	64.79 2.05 0.00	59.52 1.90 0.00	57.38 1.78 0.00	53.67 1.73 0.00	54.17 1.73 0.00	54.17 1.97 0.00	60.18 2.10 0.00	58.29 2.30 0.00	55.17 2.73 -1.64	58.50 3.23 0.00	51.19 3.04 -2.64	53.75 3.07 0.00	53.46 2.89 0.00	54.21 2.77 0.00	54.35 2.99 0.00	59.88 3.27 0.00	81.17 4.89 0.00	53.72 3.77 0.00	52.53 3.83 0.00	53.06 3.15 0.00	52.92 2.14 0.00	51.25 1.81 0.00	48.50 1.77 0.00	54.40 2.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	66.28 3.54 0.00	60.88 3.26 0.00	58.70 3.10 0.00	54.95 3.02 0.00	55.44 3.00 0.00	55.51 3.32 0.00	61.73 3.65 0.00	59.70 3.71 0.00	56.46 4.02 -1.64	59.71 4.44 0.00	52.23 4.07 -2.64	54.82 4.14 0.00	54.59 4.02 0.00	55.37 3.93 0.00	55.50 4.14 0.00	61.15 4.54 0.00	83.02 6.75 0.00	54.96 5.01 0.00	53.58 4.88 0.00	54.14 4.23 0.00	54.04 3.25 0.00	52.31 2.87 0.00	49.53 2.80 0.00	55.49 3.27 0.00
PATROON__115KV_TB1 80586	63.01 0.27 0.00	58.03 0.41 0.00	55.99 0.39 0.00	52.38 0.45 0.00	52.95 0.51 0.00	52.71 0.51 0.00	58.60 0.51 0.00	56.38 0.39 0.00	51.19 0.38 0.00	55.53 0.25 0.00	45.79 0.27 0.00	50.80 0.12 0.00	50.91 0.33 0.00	51.66 0.20 0.00	51.55 0.18 0.00	56.90 0.29 0.00	76.88 0.60 0.00	50.71 0.76 0.00	49.60 0.90 0.00	50.51 0.60 0.00	51.14 0.35 0.00	49.68 0.24 0.00	46.84 0.10 0.00	52.46 0.25 0.00
PATTRSNVILLE___SOLAR 323815	64.35 1.61 0.00	59.09 1.47 0.00	56.99 1.39 0.00	53.25 1.32 0.00	53.79 1.35 0.00	53.59 1.40 0.00	59.66 1.58 0.00	57.33 1.34 0.00	51.49 0.69 0.00	55.63 0.36 0.00	45.68 0.16 0.00	50.87 0.19 0.00	50.90 0.33 0.00	51.67 0.23 0.00	51.45 0.08 0.00	56.81 0.19 0.00	76.94 0.66 0.00	50.90 0.95 0.00	50.10 1.41 0.00	51.47 1.56 0.00	52.28 1.49 0.00	50.79 1.35 0.00	47.91 1.18 0.00	53.58 1.37 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	64.48 1.74 0.00	58.94 1.32 0.00	56.90 1.29 0.00	52.83 0.90 0.00	53.42 0.98 0.00	52.77 0.57 0.00	59.02 0.94 0.00	56.57 0.58 0.00	51.42 0.61 0.00	55.76 0.49 0.00	46.22 0.70 0.00	51.70 1.02 0.00	51.09 0.52 0.00	53.03 1.58 0.00	53.16 1.79 0.00	58.62 2.00 0.00	78.73 2.45 0.00	51.57 1.62 0.00	49.97 1.28 0.00	50.50 0.58 0.00	51.44 0.65 0.00	49.84 0.39 0.00	47.33 0.59 0.00	52.47 0.26 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	65.10 2.35 0.00	59.73 2.11 0.00	57.57 1.97 0.00	53.81 1.88 0.00	54.36 1.93 0.00	54.26 2.06 0.00	60.38 2.29 0.00	58.42 2.42 0.00	53.96 2.70 -0.47	58.52 3.25 0.00	49.18 2.91 -0.75	53.88 3.20 0.00	53.66 3.08 0.00	54.44 3.00 0.00	54.55 3.18 0.00	60.15 3.54 0.00	81.63 5.35 0.00	54.03 4.08 0.00	52.85 4.16 0.00	53.40 3.49 0.00	53.32 2.53 0.00	51.56 2.12 0.00	48.73 2.00 0.00	54.53 2.31 0.00
PEEKSKILL____ 23653	64.35 1.61 0.00	59.10 1.48 0.00	56.93 1.33 0.00	53.26 1.32 0.00	53.78 1.34 0.00	53.68 1.49 0.00	59.64 1.56 0.00	57.72 1.72 0.00	55.06 2.10 -2.16	57.89 2.62 0.00	51.40 2.41 -3.48	53.33 2.65 0.00	53.12 2.54 0.00	53.87 2.42 0.00	54.00 2.63 0.00	59.48 2.87 0.00	80.70 4.42 0.00	53.40 3.45 0.00	52.28 3.58 0.00	52.82 2.90 0.00	52.69 1.90 0.00	50.98 1.54 0.00	48.24 1.51 0.00	54.07 1.86 0.00
PGE MADISON____WINDPWR 24146	67.60 4.86 0.00	61.77 4.15 0.00	59.38 3.78 0.00	55.18 3.25 0.00	55.79 3.35 0.00	55.67 3.47 0.00	62.39 4.30 0.00	59.69 3.70 0.00	53.80 3.00 0.00	58.21 2.94 0.00	47.23 1.71 0.00	52.49 1.81 0.00	51.81 1.24 0.00	52.46 1.01 0.00	52.00 0.63 0.00	57.15 0.54 0.00	78.43 2.15 0.00	52.11 2.16 0.00	52.90 4.20 0.00	54.71 4.80 0.00	54.89 4.10 0.00	53.08 3.64 0.00	49.65 2.92 0.00	55.18 2.97 0.00
PIERCEFIELD____HYD 23852	63.60 0.86 0.00	58.40 0.78 0.00	56.44 0.84 0.00	52.68 0.74 0.00	53.05 0.61 0.00	52.88 0.69 0.00	58.91 0.83 0.00	56.69 0.69 0.00	51.14 0.33 0.00	55.47 0.20 0.00	45.63 0.11 0.00	50.86 0.19 0.00	50.75 0.17 0.00	51.36 -0.09 0.00	50.50 -0.86 0.00	55.46 -1.15 0.00	74.25 -2.03 0.00	48.20 -1.75 0.00	46.91 -1.79 0.00	48.87 -1.04 0.00	50.55 -0.24 0.00	49.53 0.08 0.00	47.23 0.49 0.00	52.83 0.62 0.00
PINELAWN_CC_1 323563	64.26 1.52 0.00	59.57 1.95 0.00	58.04 2.44 0.00	54.26 2.33 0.00	54.87 2.43 0.00	54.91 2.72 0.00	60.41 2.32 0.00	58.90 2.91 0.00	56.07 3.64 -1.62	59.08 3.81 0.00	52.96 3.67 -3.77	54.47 3.67 -0.12	54.07 3.49 0.00	54.91 3.47 0.00	55.13 3.77 0.00	60.50 3.83 -0.06	82.55 5.38 -0.89	54.89 4.37 -0.57	53.31 4.61 0.00	53.61 3.70 0.00	52.87 2.09 0.00	51.43 1.99 0.00	48.65 1.92 0.00	54.62 2.41 0.00
PJM_GEN_HTP_PROXY 323702	64.76 2.02 0.00	59.43 1.81 0.00	57.28 1.68 0.00	53.56 1.63 0.00	54.08 1.64 0.00	54.00 1.80 0.00	60.03 1.95 0.00	56.33 2.16 1.83	55.07 2.63 -1.64	62.09 3.23 -3.59	50.12 2.97 -1.63	52.59 3.16 1.25	53.51 2.94 0.00	54.24 2.80 0.00	54.37 3.00 0.00	59.90 3.29 0.00	81.32 5.05 0.00	53.80 3.85 0.00	52.60 3.90 0.00	53.10 3.18 0.00	53.39 2.11 -0.50	51.20 1.76 0.00	48.55 1.81 0.00	54.08 2.23 0.36
PJM_GEN_KEystone 24065	41.48 0.30 21.56	36.26 0.12 21.49	42.94 0.10 12.76	44.29 0.02 7.67	44.41 0.08 8.11	37.77 -0.01 14.42	36.32 0.08 21.85	43.61 0.19 12.57	-22.66 0.42 73.88	5.83 0.91 50.35	-21.46 0.76 67.74	-68.33 1.21 120.23	46.81 0.78 4.55	51.55 0.93 0.83	51.86 1.08 0.59	56.04 1.19 1.76	76.37 2.19 2.11	48.95 1.83 2.83	50.65 2.10 0.14	58.03 1.48 -6.64	52.97 0.71 -1.47	33.08 0.23 16.59	37.34 0.21 9.61	44.98 0.21 7.45
PJM_GEN_NEPTUNE_PROXY 323594	63.83 1.09 0.00	59.06 1.44 0.00	57.38 1.78 0.00	53.66 1.73 0.00	54.24 1.80 0.00	54.24 2.04 0.00	59.75 1.66 0.00	56.35 2.19 1.83	55.31 2.89 -1.62	61.93 3.08 -3.59	51.34 3.06 -2.76	52.63 3.07 1.13	53.47 2.90 0.00	54.26 2.81 0.00	54.45 3.08 0.00	59.73 3.12 0.00	80.70 4.42 0.00	53.60 3.65 0.00	52.69 3.99 0.00	53.06 3.14 0.00	52.80 1.52 -0.50	50.86 1.41 0.00	48.15 1.41 0.00	53.72 1.88 0.36
PJM_GEN_VFT_PROXY 323633	32.08 1.89 32.55	32.08 1.68 27.22	32.08 1.51 25.03	32.08 1.47 21.33	32.08 1.49 21.85	32.08 1.63 21.75	32.08 1.74 27.75	33.67 1.98 24.31	-834.74 2.40 887.94	-693.47 3.02 751.75	-697.99 2.78 746.29	-1568.39 3.02 1622.08	-11.51 2.86 64.94	49.14 2.73 5.04	50.70 2.96 3.62	50.77 3.24 9.08	51.15 4.97 30.10	50.89 3.81 2.87	50.59 3.90 2.01	48.06 3.19 5.05	32.58 2.10 20.31	32.08 1.74 19.10	32.08 1.78 16.44	31.68 2.18 22.71
PLATSBURG_115KV_PMLD1 355749	64.22 1.47 0.00	58.99 1.37 0.00	56.92 1.32 0.00	53.31 1.38 0.00	53.78 1.34 0.00	53.48 1.29 0.00	59.63 1.54 0.00	57.32 1.33 0.00	51.90 1.10 0.00	56.43 1.16 0.00	46.41 0.90 0.00	51.52 0.84 0.00	51.85 1.28 0.00	52.90 1.45 0.00	52.63 1.27 0.00	57.78 1.16 0.00	77.23 0.95 0.00	50.18 0.23 0.00	48.73 0.03 0.00	50.14 0.23 0.00	51.24 0.46 0.00	50.20 0.75 0.00	47.51 0.78 0.00	53.07 0.86 0.00
PLEASANTVLY____LBMP 24000	64.04 1.30 0.00	58.83 1.20 0.00	56.72 1.12 0.00	53.06 1.12 0.00	53.59 1.16 0.00	53.48 1.29 0.00	59.45 1.37 0.00	57.49 1.49 0.00	53.16 1.77 -0.59	57.44 2.17 0.00	48.48 2.01 -0.95	52.81 2.13 0.00	52.63 2.05 0.00	53.36 1.92 0.00	53.43 2.06 0.00	58.88 2.27 0.00	79.81 3.53 0.00	52.81 2.86 0.00	51.66 2.96 0.00	52.25 2.34 0.00	52.25 1.46 0.00	50.61 1.16 0.00	47.88 1.14 0.00	53.67 1.46 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	64.67 1.93 0.00	59.35 1.73 0.00	57.24 1.64 0.00	53.50 1.57 0.00	54.04 1.60 0.00	53.91 1.71 0.00	59.98 1.89 0.00	58.02 2.03 0.00	54.52 2.49 -1.23	58.43 3.16 0.00	50.18 2.69 -1.98	53.56 2.88 0.00	53.31 2.74 0.00	54.06 2.61 0.00	54.17 2.81 0.00	59.69 3.07 0.00	80.96 4.68 0.00	53.57 3.62 0.00	52.40 3.70 0.00	52.93 3.01 0.00	52.81 2.03 0.00	51.12 1.67 0.00	48.40 1.66 0.00	54.24 2.03 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	64.67 1.93 0.00	59.35 1.73 0.00	57.24 1.64 0.00	53.50 1.57 0.00	54.04 1.60 0.00	53.91 1.71 0.00	59.98 1.89 0.00	58.02 2.03 0.00	54.52 2.49 -1.23	58.43 3.16 0.00	50.18 2.69 -1.98	53.56 2.88 0.00	53.31 2.74 0.00	54.06 2.61 0.00	54.17 2.81 0.00	59.69 3.07 0.00	80.96 4.68 0.00	53.57 3.62 0.00	52.40 3.70 0.00	52.93 3.01 0.00	52.81 2.03 0.00	51.12 1.67 0.00	48.40 1.66 0.00	54.24 2.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	64.68 1.94 0.00	59.38 1.75 0.00	57.24 1.63 0.00	53.52 1.58 0.00	54.06 1.62 0.00	53.94 1.75 0.00	60.01 1.93 0.00	58.01 2.01 0.00	52.98 2.17 0.00	57.83 2.56 0.00	47.79 2.27 0.00	53.16 2.48 0.00	53.00 2.42 0.00	53.77 2.32 0.00	53.86 2.49 0.00	59.39 2.78 0.00	80.58 4.30 0.00	53.35 3.40 0.00	52.21 3.51 0.00	52.83 2.92 0.00	52.87 2.08 0.00	51.17 1.73 0.00	48.36 1.62 0.00	54.12 1.91 0.00

POLETTI____ 23519	64.81 2.08 0.00	59.49 1.87 0.00	57.34 1.74 0.00	53.60 1.67 0.00	54.12 1.69 0.00	54.03 1.84 0.00	60.08 1.99 0.00	58.18 2.19 0.00	55.11 2.68 -1.64	58.55 3.28 0.00	51.17 3.01 -2.64	53.84 3.16 0.00	53.43 2.86 0.00	54.16 2.71 0.00	54.28 2.91 0.00	59.81 3.20 0.00	81.16 4.88 0.00	53.70 3.75 0.00	52.50 3.80 0.00	53.01 3.10 0.00	52.82 2.03 0.00	51.14 1.69 0.00	48.55 1.82 0.00	54.51 2.30 0.00
POMONA____ESR 323819	64.54 1.79 0.00	59.24 1.61 0.00	57.08 1.48 0.00	53.42 1.48 0.00	53.93 1.49 0.00	53.84 1.64 0.00	59.76 1.68 0.00	57.85 1.86 0.00	49.11 2.26 3.96	58.07 2.81 0.00	41.80 2.65 6.37	53.57 2.89 0.00	53.38 2.80 0.00	54.13 2.68 0.00	54.27 2.91 0.00	59.78 3.17 0.00	81.11 4.83 0.00	53.67 3.72 0.00	52.55 3.85 0.00	53.06 3.15 0.00	52.90 2.12 0.00	51.17 1.73 0.00	48.35 1.62 0.00	54.17 1.96 0.00
PORT_JEFF_3 23555	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.93 2.00 0.00	54.56 2.12 0.00	54.64 2.45 0.00	60.00 1.92 0.00	58.56 2.57 0.00	55.91 3.49 -1.62	58.85 3.58 0.00	52.84 3.55 -3.77	54.18 3.38 -0.12	53.87 3.30 0.00	54.69 3.24 0.00	54.91 3.55 0.00	60.17 3.27 -0.29	85.20 4.27 -4.65	56.65 3.72 -2.99	52.53 3.83 0.00	52.70 2.79 0.00	52.03 1.24 0.00	50.89 1.44 0.00	48.18 1.44 0.00	54.27 2.06 0.00
PORT_JEFF_4 23616	63.59 0.85 0.00	59.03 1.41 0.00	57.65 2.05 0.00	53.93 2.00 0.00	54.56 2.12 0.00	54.64 2.45 0.00	60.00 1.92 0.00	58.56 2.57 0.00	55.91 3.49 -1.62	58.85 3.58 0.00	52.84 3.55 -3.77	54.18 3.38 -0.12	53.87 3.30 0.00	54.69 3.24 0.00	54.91 3.55 0.00	60.17 3.27 -0.29	85.20 4.27 -4.65	56.65 3.72 -2.99	52.53 3.83 0.00	52.70 2.79 0.00	52.03 1.24 0.00	50.89 1.44 0.00	48.18 1.44 0.00	54.27 2.06 0.00
PORT_JEFF_IC 23713	63.72 0.98 0.00	59.15 1.53 0.00	57.78 2.18 0.00	54.02 2.08 0.00	54.64 2.20 0.00	54.73 2.53 0.00	60.15 2.06 0.00	58.69 2.70 0.00	56.01 3.59 -1.62	58.97 3.70 0.00	52.93 3.64 -3.77	54.33 3.53 -0.12	54.02 3.45 0.00	54.85 3.40 0.00	55.08 3.71 0.00	60.21 3.36 -0.23	84.23 4.35 -3.60	56.04 3.78 -2.32	52.58 3.88 0.00	52.72 2.81 0.00	52.02 1.24 0.00	50.88 1.43 0.00	48.13 1.40 0.00	54.38 2.17 0.00
PPL PILGRIM_ST_GT1 24216	64.18 1.44 0.00	59.62 2.00 0.00	58.21 2.61 0.00	54.49 2.55 0.00	55.09 2.65 0.00	55.18 2.98 0.00	60.57 2.48 0.00	59.10 3.10 0.00	56.39 3.96 -1.62	59.32 4.05 0.00	53.21 3.92 -3.77	54.68 3.88 -0.12	54.27 3.69 0.00	55.10 3.65 0.00	55.35 3.99 0.00	60.70 3.82 -0.27	85.77 5.27 -4.22	56.98 4.32 -2.72	53.22 4.52 0.00	53.45 3.53 0.00	52.87 2.08 0.00	51.52 2.08 0.00	48.71 1.98 0.00	54.77 2.56 0.00
PPL PILGRIM_ST_GT2 24217	64.18 1.44 0.00	59.62 2.00 0.00	58.21 2.61 0.00	54.49 2.55 0.00	55.09 2.65 0.00	55.18 2.98 0.00	60.57 2.48 0.00	59.10 3.10 0.00	56.39 3.96 -1.62	59.32 4.05 0.00	53.21 3.92 -3.77	54.68 3.88 -0.12	54.27 3.69 0.00	55.10 3.65 0.00	55.35 3.99 0.00	60.70 3.82 -0.27	85.77 5.27 -4.22	56.98 4.32 -2.72	53.22 4.52 0.00	53.45 3.53 0.00	52.87 2.08 0.00	51.52 2.08 0.00	48.71 1.98 0.00	54.77 2.56 0.00
PPL_SHRM_GT3 24213	63.22 0.48 0.00	58.68 1.05 0.00	57.30 1.70 0.00	53.59 1.65 0.00	54.23 1.79 0.00	54.35 2.16 0.00	59.68 1.59 0.00	58.28 2.29 0.00	55.71 3.29 -1.62	58.63 3.35 0.00	52.64 3.35 -3.77	53.94 3.14 -0.12	53.67 3.10 0.00	54.44 3.00 0.00	54.71 3.35 0.00	60.18 3.29 -0.28	85.29 4.61 -4.40	56.84 4.06 -2.83	52.71 4.02 0.00	52.84 2.93 0.00	52.29 1.51 0.00	51.30 1.86 0.00	48.25 1.51 0.00	53.94 1.73 0.00
PPL_SHRM_GT4 24214	63.22 0.48 0.00	58.68 1.05 0.00	57.30 1.70 0.00	53.59 1.65 0.00	54.23 1.79 0.00	54.35 2.16 0.00	59.68 1.59 0.00	58.28 2.29 0.00	55.71 3.29 -1.62	58.63 3.35 0.00	52.64 3.35 -3.77	53.94 3.14 -0.12	53.67 3.10 0.00	54.44 3.00 0.00	54.71 3.35 0.00	60.18 3.29 -0.28	85.29 4.61 -4.40	56.84 4.06 -2.83	52.71 4.02 0.00	52.84 2.93 0.00	52.29 1.51 0.00	51.30 1.86 0.00	48.25 1.51 0.00	53.94 1.73 0.00
PROJECT____ORANGE 1 24174	62.38 -0.36 0.00	57.17 -0.45 0.00	55.11 -0.49 0.00	51.42 -0.51 0.00	51.92 -0.51 0.00	51.69 -0.51 0.00	57.61 -0.47 0.00	55.54 -0.45 0.00	50.37 -0.44 0.00	54.78 -0.49 0.00	45.10 -0.42 0.00	50.35 -0.33 0.00	50.14 -0.43 0.00	51.11 -0.34 0.00	51.11 -0.25 0.00	56.38 -0.23 0.00	76.19 -0.09 0.00	50.09 0.14 0.00	49.00 0.30 0.00	49.99 0.07 0.00	50.66 -0.13 0.00	49.13 -0.31 0.00	46.36 -0.37 0.00	51.66 -0.56 0.00
PROJECT____ORANGE 2 24166	62.38 -0.36 0.00	57.17 -0.45 0.00	55.11 -0.49 0.00	51.42 -0.51 0.00	51.92 -0.51 0.00	51.69 -0.51 0.00	57.61 -0.47 0.00	55.54 -0.45 0.00	50.37 -0.44 0.00	54.78 -0.49 0.00	45.10 -0.42 0.00	50.35 -0.33 0.00	50.14 -0.43 0.00	51.11 -0.34 0.00	51.11 -0.25 0.00	56.38 -0.23 0.00	76.19 -0.09 0.00	50.09 0.14 0.00	49.00 0.30 0.00	49.99 0.07 0.00	50.66 -0.13 0.00	49.13 -0.31 0.00	46.36 -0.37 0.00	51.66 -0.56 0.00
PUCKETT____SOLAR 323809	71.64 1.32 -7.59	66.31 0.98 -7.71	60.85 0.92 -4.33	55.16 0.80 -2.43	55.86 0.84 -2.59	56.88 0.80 -3.88	64.48 1.07 -5.33	60.16 0.87 -3.30	54.75 0.60 -3.34	56.21 0.70 -0.23	46.96 0.38 -1.06	51.09 0.41 0.00	50.51 -0.06 0.00	51.57 0.01 -0.11	51.29 -0.16 -0.08	56.80 -0.08 -0.27	77.17 0.88 0.00	50.98 1.03 0.00	50.55 1.85 0.00	51.69 1.78 0.00	52.75 1.32 -0.64	51.67 0.93 -1.30	49.13 0.68 -1.71	54.15 0.64 -1.30
PYRITES____HYD 24023	64.85 2.11 0.00	59.51 1.89 0.00	57.50 1.90 0.00	53.62 1.68 0.00	54.05 1.61 0.00	53.92 1.72 0.00	60.14 2.06 0.00	57.73 1.74 0.00	51.75 0.95 0.00	56.05 0.78 0.00	46.08 0.57 0.00	51.37 0.68 0.00	51.41 0.84 0.00	52.00 0.55 0.00	51.03 -0.34 0.00	56.29 -0.32 0.00	74.95 -1.34 0.00	48.92 -1.03 0.00	47.72 -0.98 0.00	50.06 0.15 0.00	51.82 1.04 0.00	50.64 1.20 0.00	48.20 1.47 0.00	53.84 1.63 0.00
QUAKERRD_115KV_BK1 80622	62.15 -0.60 0.00	56.87 -0.75 0.00	54.82 -0.78 0.00	51.04 -0.89 0.00	51.57 -0.87 0.00	51.18 -1.02 0.00	57.14 -0.94 0.00	54.94 -1.05 0.00	49.84 -0.96 0.00	54.19 -1.09 0.00	44.74 -0.78 0.00	50.01 -0.67 0.00	49.73 -0.85 0.00	51.06 -0.39 0.00	51.15 -0.22 0.00	56.45 -0.16 0.00	76.10 -0.18 0.00	49.94 -0.01 0.00	48.60 -0.10 0.00	49.38 -0.54 0.00	50.09 -0.69 0.00	48.51 -0.93 0.00	45.90 -0.83 0.00	51.02 -1.19 0.00
QUENSBRY_115KV_TB8 356137	65.48 2.74 0.00	60.18 2.56 0.00	58.16 2.56 0.00	54.36 2.42 0.00	54.91 2.48 0.00	54.64 2.44 0.00	60.81 2.73 0.00	58.23 2.24 0.00	52.16 1.36 0.00	56.28 1.01 0.00	45.78 0.26 0.00	50.66 -0.02 0.00	51.18 0.61 0.00	52.06 0.62 0.00	51.71 0.34 0.00	57.35 0.73 0.00	78.29 2.01 0.00	51.91 1.96 0.00	51.23 2.53 0.00	52.42 2.51 0.00	53.24 2.46 0.00	51.75 2.30 0.00	48.52 1.78 0.00	54.47 2.25 0.00

RAMAPO____LBMP 323565	64.07 1.33 0.00	58.81 1.19 0.00	56.63 1.03 0.00	52.94 1.01 0.00	53.46 1.02 0.00	53.32 1.13 0.00	59.25 1.17 0.00	57.35 1.36 0.00	49.99 1.66 2.47	57.48 2.21 0.00	43.52 1.98 3.97	53.01 2.33 0.00	52.89 2.32 0.00	53.65 2.20 0.00	53.79 2.42 0.00	59.25 2.64 0.00	80.43 4.15 0.00	53.23 3.28 0.00	52.15 3.45 0.00	52.71 2.80 0.00	52.57 1.79 0.00	50.84 1.39 0.00	48.10 1.37 0.00	53.89 1.68 0.00
RANKINE____ 23646	64.13 1.39 0.00	58.65 1.02 0.00	56.64 1.04 0.00	52.61 0.67 0.00	53.20 0.76 0.00	52.58 0.39 0.00	58.80 0.71 0.00	56.37 0.37 0.00	51.20 0.40 0.00	55.67 0.40 0.00	46.03 0.51 0.00	51.57 0.89 0.00	50.89 0.31 0.00	52.67 1.22 0.00	52.80 1.43 0.00	58.23 1.62 0.00	78.34 2.06 0.00	51.38 1.43 0.00	49.87 1.17 0.00	50.43 0.52 0.00	51.26 0.47 0.00	49.57 0.13 0.00	47.08 0.34 0.00	52.21 0.00 0.00
RAVENSWOOD_GT2_1 24244	64.84 2.10 0.00	59.51 1.89 0.00	57.34 1.74 0.00	53.62 1.68 0.00	54.13 1.70 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.85 3.17 0.00	53.47 2.90 0.00	54.21 2.76 0.00	54.33 2.96 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.74 3.79 0.00	52.54 3.85 0.00	53.05 3.14 0.00	52.86 2.07 0.00	51.18 1.74 0.00	48.56 1.83 0.00	54.52 2.30 0.00
RAVENSWOOD_GT2_2 24245	64.84 2.10 0.00	59.51 1.89 0.00	57.34 1.74 0.00	53.62 1.68 0.00	54.13 1.70 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.85 3.17 0.00	53.47 2.90 0.00	54.21 2.76 0.00	54.33 2.96 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.74 3.79 0.00	52.54 3.85 0.00	53.05 3.14 0.00	52.86 2.07 0.00	51.18 1.74 0.00	48.56 1.83 0.00	54.52 2.30 0.00
RAVENSWOOD_GT2_3 24246	64.87 2.13 0.00	59.54 1.92 0.00	57.39 1.79 0.00	53.64 1.70 0.00	54.17 1.73 0.00	54.08 1.89 0.00	60.13 2.05 0.00	58.24 2.25 0.00	55.16 2.72 -1.64	58.59 3.32 0.00	51.20 3.05 -2.64	53.89 3.21 0.00	53.51 2.94 0.00	54.24 2.80 0.00	54.37 3.01 0.00	59.91 3.30 0.00	81.27 4.99 0.00	53.78 3.83 0.00	52.59 3.89 0.00	53.09 3.17 0.00	52.89 2.10 0.00	51.20 1.76 0.00	48.60 1.87 0.00	54.54 2.33 0.00
RAVENSWOOD_GT2_4 24247	64.87 2.13 0.00	59.54 1.92 0.00	57.39 1.79 0.00	53.64 1.70 0.00	54.17 1.73 0.00	54.08 1.89 0.00	60.13 2.05 0.00	58.24 2.25 0.00	55.16 2.72 -1.64	58.59 3.32 0.00	51.20 3.05 -2.64	53.89 3.21 0.00	53.51 2.94 0.00	54.24 2.80 0.00	54.37 3.01 0.00	59.91 3.30 0.00	81.27 4.99 0.00	53.78 3.83 0.00	52.59 3.89 0.00	53.09 3.17 0.00	52.89 2.10 0.00	51.20 1.76 0.00	48.60 1.87 0.00	54.54 2.33 0.00
RAVENSWOOD_GT3_1 24248	64.84 2.10 0.00	59.52 1.90 0.00	57.34 1.74 0.00	53.62 1.68 0.00	54.14 1.70 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.86 3.17 0.00	53.48 2.90 0.00	54.21 2.76 0.00	54.33 2.97 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.54 3.85 0.00	53.06 3.15 0.00	52.87 2.08 0.00	51.18 1.74 0.00	48.57 1.83 0.00	54.52 2.31 0.00
RAVENSWOOD_GT3_2 24249	64.84 2.10 0.00	59.52 1.90 0.00	57.34 1.74 0.00	53.62 1.68 0.00	54.14 1.70 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.86 3.17 0.00	53.48 2.90 0.00	54.21 2.76 0.00	54.33 2.97 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.54 3.85 0.00	53.06 3.15 0.00	52.87 2.08 0.00	51.18 1.74 0.00	48.57 1.83 0.00	54.52 2.31 0.00
RAVENSWOOD_GT3_3 24250	64.97 2.23 0.00	59.63 2.00 0.00	57.46 1.86 0.00	53.71 1.77 0.00	54.24 1.80 0.00	54.16 1.96 0.00	60.21 2.12 0.00	58.32 2.33 0.00	55.24 2.80 -1.64	58.69 3.42 0.00	51.28 3.13 -2.64	53.98 3.30 0.00	53.60 3.02 0.00	54.34 2.89 0.00	54.46 3.09 0.00	60.01 3.40 0.00	81.42 5.13 0.00	53.87 3.92 0.00	52.67 3.97 0.00	53.16 3.25 0.00	52.97 2.18 0.00	51.29 1.85 0.00	48.67 1.94 0.00	54.62 2.41 0.00
RAVENSWOOD_GT3_4 24251	64.97 2.23 0.00	59.63 2.00 0.00	57.46 1.86 0.00	53.71 1.77 0.00	54.24 1.80 0.00	54.16 1.96 0.00	60.21 2.12 0.00	58.32 2.33 0.00	55.24 2.80 -1.64	58.69 3.42 0.00	51.28 3.13 -2.64	53.98 3.30 0.00	53.60 3.02 0.00	54.34 2.89 0.00	54.46 3.09 0.00	60.01 3.40 0.00	81.42 5.13 0.00	53.87 3.92 0.00	52.67 3.97 0.00	53.16 3.25 0.00	52.97 2.18 0.00	51.29 1.85 0.00	48.67 1.94 0.00	54.62 2.41 0.00
RAVENSWOOD_GT_1 23729	64.77 2.03 0.00	59.47 1.85 0.00	57.32 1.72 0.00	53.62 1.68 0.00	54.13 1.69 0.00	54.09 1.89 0.00	60.10 2.02 0.00	58.25 2.26 0.00	55.20 2.76 -1.64	58.61 3.34 0.00	51.27 3.12 -2.64	53.89 3.21 0.00	53.53 2.96 0.00	54.25 2.80 0.00	54.38 3.01 0.00	59.92 3.31 0.00	81.27 4.99 0.00	53.78 3.83 0.00	52.55 3.85 0.00	53.05 3.14 0.00	52.87 2.08 0.00	51.21 1.77 0.00	48.57 1.83 0.00	54.50 2.28 0.00
RAVENSWOOD_GT_10 24258	64.84 2.10 0.00	59.52 1.90 0.00	57.36 1.76 0.00	53.62 1.68 0.00	54.14 1.70 0.00	54.06 1.86 0.00	60.10 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.76 0.00	54.33 2.97 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.55 3.85 0.00	53.06 3.15 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.57 1.84 0.00	54.53 2.31 0.00
RAVENSWOOD_GT_11 24259	64.84 2.10 0.00	59.52 1.90 0.00	57.36 1.76 0.00	53.62 1.68 0.00	54.14 1.70 0.00	54.06 1.86 0.00	60.10 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.76 0.00	54.33 2.97 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.55 3.85 0.00	53.06 3.15 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.57 1.84 0.00	54.53 2.31 0.00
RAVENSWOOD_GT_4 24252	64.81 2.07 0.00	59.48 1.86 0.00	57.33 1.73 0.00	53.61 1.67 0.00	54.12 1.69 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.22 0.00	55.14 2.70 -1.64	58.57 3.30 0.00	51.20 3.05 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.77 0.00	54.36 2.99 0.00	59.87 3.26 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.54 3.85 0.00	53.05 3.14 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.56 1.83 0.00	54.51 2.30 0.00
RAVENSWOOD_GT_5 24254	64.81 2.07 0.00	59.48 1.86 0.00	57.33 1.73 0.00	53.61 1.67 0.00	54.12 1.69 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.22 0.00	55.14 2.70 -1.64	58.57 3.30 0.00	51.20 3.05 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.77 0.00	54.36 2.99 0.00	59.87 3.26 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.54 3.85 0.00	53.05 3.14 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.56 1.83 0.00	54.51 2.30 0.00

RAVENSWOOD_GT_6 24253	64.81 2.07 0.00	59.48 1.86 0.00	57.33 1.73 0.00	53.61 1.67 0.00	54.12 1.69 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.22 0.00	55.14 2.70 -1.64	58.57 3.30 0.00	51.20 3.05 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.77 0.00	54.36 2.99 0.00	59.87 3.26 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.54 3.85 0.00	53.05 3.14 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.56 1.83 0.00	54.51 2.30 0.00
RAVENSWOOD_GT_7 24255	64.81 2.07 0.00	59.48 1.86 0.00	57.33 1.73 0.00	53.61 1.67 0.00	54.12 1.69 0.00	54.06 1.86 0.00	60.09 2.01 0.00	58.21 2.22 0.00	55.14 2.70 -1.64	58.57 3.30 0.00	51.20 3.05 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.77 0.00	54.36 2.99 0.00	59.87 3.26 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.54 3.85 0.00	53.05 3.14 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.56 1.83 0.00	54.51 2.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	64.84 2.10 0.00	59.52 1.90 0.00	57.36 1.76 0.00	53.62 1.68 0.00	54.14 1.70 0.00	54.06 1.86 0.00	60.10 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.76 0.00	54.33 2.97 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.55 3.85 0.00	53.06 3.15 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.57 1.84 0.00	54.53 2.31 0.00
RAVENSWOOD_GT_9 24257	64.84 2.10 0.00	59.52 1.90 0.00	57.36 1.76 0.00	53.62 1.68 0.00	54.14 1.70 0.00	54.06 1.86 0.00	60.10 2.01 0.00	58.21 2.21 0.00	55.12 2.68 -1.64	58.56 3.29 0.00	51.18 3.02 -2.64	53.86 3.18 0.00	53.48 2.91 0.00	54.21 2.76 0.00	54.33 2.97 0.00	59.87 3.25 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.55 3.85 0.00	53.06 3.15 0.00	52.87 2.08 0.00	51.19 1.74 0.00	48.57 1.84 0.00	54.53 2.31 0.00
RAVENSWOOD___1 23533	64.76 2.02 0.00	59.45 1.82 0.00	57.30 1.70 0.00	53.60 1.66 0.00	54.11 1.67 0.00	54.07 1.87 0.00	60.08 2.00 0.00	58.23 2.24 0.00	55.20 2.76 -1.64	58.59 3.32 0.00	51.26 3.11 -2.64	53.87 3.19 0.00	53.53 2.96 0.00	54.24 2.80 0.00	54.38 3.01 0.00	59.91 3.30 0.00	81.26 4.98 0.00	53.78 3.83 0.00	52.54 3.84 0.00	53.05 3.13 0.00	52.85 2.07 0.00	51.20 1.76 0.00	48.56 1.83 0.00	54.49 2.27 0.00
RAVENSWOOD___2 23534	64.70 1.96 0.00	59.44 1.82 0.00	57.29 1.69 0.00	53.59 1.65 0.00	54.10 1.67 0.00	54.05 1.85 0.00	60.08 2.00 0.00	58.21 2.22 0.00	55.18 2.74 -1.64	58.57 3.30 0.00	51.26 3.10 -2.64	53.86 3.18 0.00	53.52 2.95 0.00	54.24 2.79 0.00	54.38 3.01 0.00	59.90 3.28 0.00	81.26 4.98 0.00	53.76 3.81 0.00	52.54 3.84 0.00	53.05 3.13 0.00	52.85 2.06 0.00	51.19 1.75 0.00	48.55 1.82 0.00	54.49 2.27 0.00
RAVENSWOOD___3 23535	64.84 2.09 0.00	59.51 1.89 0.00	57.34 1.74 0.00	53.62 1.68 0.00	54.13 1.70 0.00	54.05 1.86 0.00	60.09 2.01 0.00	58.20 2.21 0.00	55.12 2.68 -1.64	58.57 3.30 0.00	51.18 3.03 -2.64	53.85 3.17 0.00	53.48 2.90 0.00	54.21 2.76 0.00	54.34 2.97 0.00	59.86 3.25 0.00	81.24 4.96 0.00	53.75 3.80 0.00	52.55 3.85 0.00	53.06 3.15 0.00	52.86 2.08 0.00	51.18 1.74 0.00	48.57 1.83 0.00	54.51 2.30 0.00
RAVENSWOOD___4 23820	64.76 2.02 0.00	59.44 1.82 0.00	57.29 1.69 0.00	53.59 1.65 0.00	54.10 1.67 0.00	54.05 1.85 0.00	60.08 2.00 0.00	58.21 2.22 0.00	55.18 2.74 -1.64	58.57 3.30 0.00	51.26 3.10 -2.64	53.86 3.18 0.00	53.52 2.95 0.00	54.24 2.79 0.00	54.38 3.01 0.00	59.90 3.28 0.00	81.26 4.98 0.00	53.76 3.81 0.00	52.54 3.84 0.00	53.05 3.13 0.00	52.85 2.06 0.00	51.19 1.75 0.00	48.55 1.82 0.00	54.49 2.27 0.00
RCPI_TRUST___DRP 24196	64.87 2.13 0.00	59.54 1.92 0.00	57.39 1.79 0.00	53.64 1.70 0.00	54.17 1.74 0.00	54.09 1.90 0.00	60.16 2.08 0.00	58.31 2.31 0.00	55.21 2.77 -1.64	58.67 3.40 0.00	51.27 3.11 -2.64	54.00 3.32 0.00	53.67 3.10 0.00	54.41 2.96 0.00	54.53 3.16 0.00	60.07 3.46 0.00	81.48 5.20 0.00	53.90 3.95 0.00	52.68 3.99 0.00	53.17 3.25 0.00	52.97 2.18 0.00	51.27 1.83 0.00	48.60 1.87 0.00	54.51 2.30 0.00
RED___ROCHESTER 323720	56.65 1.74 7.83	51.01 1.34 7.96	52.33 1.21 4.47	50.29 0.86 2.51	50.69 0.92 2.67	48.92 0.73 4.00	53.65 1.06 5.50	53.41 0.82 3.40	48.15 0.79 3.45	55.89 0.86 0.24	45.29 0.87 1.10	51.97 1.29 0.00	51.62 1.05 0.00	52.93 1.66 0.17	53.11 1.88 0.13	58.41 2.22 0.42	79.34 3.06 0.00	52.01 2.06 0.00	50.54 1.84 0.00	51.26 1.34 0.00	50.97 1.20 1.02	48.24 0.85 2.06	44.87 0.84 2.71	50.75 0.58 2.05
REGAN___SOLAR 323812	66.10 3.36 0.00	60.49 2.86 0.00	58.27 2.67 0.00	54.41 2.47 0.00	54.95 2.52 0.00	54.84 2.64 0.00	61.18 3.09 0.00	58.72 2.73 0.00	51.84 1.04 0.00	55.44 0.17 0.00	45.46 -0.06 0.00	50.73 0.04 0.00	50.82 0.25 0.00	51.72 0.27 0.00	51.28 -0.09 0.00	56.82 0.20 0.00	77.65 1.37 0.00	51.10 1.15 0.00	51.00 2.30 0.00	53.00 3.09 0.00	53.95 3.16 0.00	52.35 2.91 0.00	49.33 2.59 0.00	55.08 2.86 0.00
RENSSELAER___COGEN 23796	62.55 -0.19 0.00	57.65 0.03 0.00	55.63 0.03 0.00	52.05 0.12 0.00	52.61 0.17 0.00	52.36 0.17 0.00	58.20 0.11 0.00	56.00 0.00 0.00	50.82 0.01 0.00	55.13 -0.14 0.00	45.45 -0.06 0.00	50.41 -0.27 0.00	50.50 -0.08 0.00	51.22 -0.23 0.00	51.11 -0.25 0.00	56.41 -0.20 0.00	76.14 -0.14 0.00	50.24 0.29 0.00	49.16 0.46 0.00	50.11 0.19 0.00	50.73 -0.06 0.00	49.30 -0.14 0.00	46.51 -0.22 0.00	52.11 -0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	69.01 6.27 0.00	63.52 5.90 0.00	61.49 5.89 0.00	57.48 5.55 0.00	58.04 5.60 0.00	57.65 5.45 0.00	64.44 6.35 0.00	61.27 5.28 0.00	54.05 3.24 0.00	58.16 2.89 0.00	47.06 1.54 0.00	51.96 1.28 0.00	53.30 2.73 0.00	53.94 2.49 0.00	53.28 1.91 0.00	59.22 2.60 0.00	81.54 5.26 0.00	54.44 4.49 0.00	53.45 4.75 0.00	55.33 5.42 0.00	56.09 5.31 0.00	54.42 4.98 0.00	51.07 4.33 0.00	57.40 5.19 0.00
REVERE_CPPR_DRP 24186	65.08 2.34 0.00	59.72 2.10 0.00	57.57 1.97 0.00	53.74 1.80 0.00	54.25 1.81 0.00	54.15 1.95 0.00	60.40 2.31 0.00	58.07 2.08 0.00	52.35 1.55 0.00	56.51 1.24 0.00	46.30 0.78 0.00	51.63 0.95 0.00	51.52 0.95 0.00	52.49 1.04 0.00	52.39 1.02 0.00	57.71 1.09 0.00	78.16 1.88 0.00	51.76 1.82 0.00	50.85 2.15 0.00	52.39 2.47 0.00	53.16 2.37 0.00	51.56 2.11 0.00	48.58 1.84 0.00	54.07 1.86 0.00
REYNLDPA_13_KV_LD 356490	63.09 0.35 0.00	57.92 0.30 0.00	55.97 0.36 0.00	52.26 0.32 0.00	52.64 0.21 0.00	52.42 0.22 0.00	58.31 0.23 0.00	56.23 0.23 0.00	51.01 0.21 0.00	55.48 0.21 0.00	45.75 0.24 0.00	50.96 0.28 0.00	50.82 0.24 0.00	51.83 0.38 0.00	51.56 0.19 0.00	56.82 0.20 0.00	76.10 -0.18 0.00	49.42 -0.52 0.00	47.91 -0.78 0.00	49.65 -0.26 0.00	50.90 0.12 0.00	49.62 0.17 0.00	47.12 0.38 0.00	52.63 0.42 0.00

REYNOLDS_115KV_TB3 80639	63.00 0.26 0.00	58.08 0.46 0.00	56.06 0.45 0.00	52.47 0.54 0.00	53.04 0.60 0.00	52.77 0.57 0.00	58.65 0.56 0.00	56.38 0.39 0.00	51.12 0.32 0.00	55.49 0.22 0.00	45.71 0.19 0.00	50.67 -0.01 0.00	50.82 0.25 0.00	51.51 0.07 0.00	51.37 0.01 0.00	56.70 0.09 0.00	76.46 0.18 0.00	50.45 0.50 0.00	49.36 0.66 0.00	50.31 0.39 0.00	50.97 0.18 0.00	49.59 0.15 0.00	46.75 0.02 0.00	52.44 0.23 0.00
RIVERBAY____ 323610	66.28 3.54 0.00	60.88 3.26 0.00	58.70 3.10 0.00	54.95 3.02 0.00	55.44 3.00 0.00	55.51 3.32 0.00	61.73 3.65 0.00	59.70 3.71 0.00	56.46 4.02 -1.64	59.71 4.44 0.00	52.23 4.07 -2.64	54.82 4.14 0.00	54.59 4.02 0.00	55.37 3.93 0.00	55.50 4.14 0.00	61.15 4.54 0.00	83.02 6.75 0.00	54.96 5.01 0.00	53.58 4.88 0.00	54.14 4.23 0.00	54.04 3.25 0.00	52.31 2.87 0.00	49.53 2.80 0.00	55.49 3.27 0.00
RIVERSDE_115KV_TB3 55908	62.86 0.12 0.00	57.93 0.31 0.00	55.89 0.29 0.00	52.32 0.38 0.00	52.88 0.44 0.00	52.63 0.43 0.00	58.49 0.40 0.00	56.26 0.27 0.00	51.04 0.24 0.00	55.40 0.13 0.00	45.64 0.12 0.00	50.62 -0.06 0.00	50.75 0.17 0.00	51.47 0.02 0.00	51.34 -0.02 0.00	56.67 0.05 0.00	76.49 0.21 0.00	50.44 0.49 0.00	49.36 0.66 0.00	50.30 0.39 0.00	50.93 0.14 0.00	49.52 0.08 0.00	46.69 -0.04 0.00	52.34 0.13 0.00
ROARING____BROOK_WT_PWR 323790	62.55 -0.19 0.00	57.55 -0.07 0.00	55.59 -0.01 0.00	51.90 -0.03 0.00	52.39 -0.05 0.00	52.14 -0.05 0.00	58.03 -0.06 0.00	55.94 -0.05 0.00	50.75 -0.05 0.00	55.20 -0.07 0.00	45.39 -0.12 0.00	50.53 -0.15 0.00	50.40 -0.18 0.00	51.23 -0.22 0.00	51.01 -0.35 0.00	56.08 -0.53 0.00	75.72 -0.57 0.00	49.68 -0.27 0.00	48.41 -0.29 0.00	49.77 -0.15 0.00	50.67 -0.11 0.00	49.41 -0.04 0.00	46.68 -0.06 0.00	52.11 -0.11 0.00
ROCHESRG_115KV_T4 355643	63.47 0.73 0.00	58.09 0.46 0.00	56.01 0.40 0.00	52.10 0.16 0.00	52.63 0.19 0.00	52.19 0.00 0.00	58.30 0.21 0.00	55.99 0.00 0.00	50.83 0.03 0.00	55.25 -0.02 0.00	45.65 0.13 0.00	51.04 0.35 0.00	50.68 0.11 0.00	52.13 0.68 0.00	52.23 0.86 0.00	57.68 1.07 0.00	77.70 1.42 0.00	50.96 1.01 0.00	49.54 0.84 0.00	50.27 0.35 0.00	51.02 0.23 0.00	49.40 -0.04 0.00	46.77 0.03 0.00	51.99 -0.22 0.00
ROCHESTER_9_IC 23652	64.09 1.35 0.00	58.61 0.99 0.00	56.48 0.88 0.00	52.53 0.60 0.00	53.09 0.64 0.00	52.64 0.44 0.00	58.81 0.73 0.00	56.51 0.52 0.00	51.30 0.49 0.00	55.79 0.52 0.00	46.10 0.59 0.00	51.58 0.90 0.00	51.24 0.66 0.00	52.71 1.26 0.00	52.84 1.48 0.00	58.38 1.77 0.00	78.68 2.40 0.00	51.59 1.65 0.00	50.12 1.43 0.00	50.86 0.94 0.00	51.60 0.81 0.00	49.94 0.49 0.00	47.25 0.51 0.00	52.47 0.26 0.00
ROCKVIEW_13_KV_LD 356306	64.93 2.19 0.00	59.61 1.99 0.00	57.46 1.86 0.00	53.73 1.79 0.00	54.26 1.82 0.00	54.19 2.00 0.00	60.23 2.15 0.00	58.33 2.33 0.00	55.15 2.72 -1.64	58.55 3.28 0.00	51.20 3.05 -2.63	53.98 3.30 0.00	53.68 3.11 0.00	54.43 2.99 0.00	54.54 3.18 0.00	60.10 3.49 0.00	81.53 5.25 0.00	53.97 4.02 0.00	52.79 4.09 0.00	53.30 3.39 0.00	53.12 2.33 0.00	51.42 1.97 0.00	48.67 1.94 0.00	54.56 2.35 0.00
ROME____115KV_TB2 80656	65.08 2.34 0.00	59.72 2.10 0.00	57.57 1.97 0.00	53.74 1.80 0.00	54.25 1.81 0.00	54.15 1.95 0.00	60.40 2.31 0.00	58.07 2.08 0.00	52.35 1.55 0.00	56.51 1.24 0.00	46.30 0.78 0.00	51.63 0.95 0.00	51.52 0.95 0.00	52.49 1.04 0.00	52.39 1.02 0.00	57.71 1.09 0.00	78.16 1.88 0.00	51.76 1.82 0.00	50.85 2.15 0.00	52.39 2.47 0.00	53.16 2.37 0.00	51.56 2.11 0.00	48.58 1.84 0.00	54.07 1.86 0.00
ROSETON____1 23587	64.00 1.25 0.00	58.78 1.16 0.00	56.66 1.06 0.00	53.00 1.06 0.00	53.54 1.10 0.00	53.42 1.22 0.00	59.36 1.27 0.00	57.39 1.39 0.00	52.48 1.68 0.00	57.36 2.09 0.00	47.43 1.91 0.00	52.74 2.06 0.00	52.58 2.01 0.00	53.32 1.87 0.00	53.40 2.04 0.00	58.83 2.22 0.00	79.77 3.49 0.00	52.76 2.81 0.00	51.63 2.94 0.00	52.25 2.33 0.00	52.25 1.47 0.00	50.61 1.17 0.00	47.88 1.14 0.00	53.63 1.42 0.00
ROSETON____2 23588	64.00 1.25 0.00	58.78 1.16 0.00	56.66 1.06 0.00	53.00 1.06 0.00	53.54 1.10 0.00	53.42 1.22 0.00	59.36 1.27 0.00	57.39 1.39 0.00	52.48 1.68 0.00	57.36 2.09 0.00	47.43 1.91 0.00	52.74 2.06 0.00	52.58 2.01 0.00	53.32 1.87 0.00	53.40 2.04 0.00	58.83 2.22 0.00	79.77 3.49 0.00	52.76 2.81 0.00	51.63 2.94 0.00	52.25 2.33 0.00	52.25 1.47 0.00	50.61 1.17 0.00	47.88 1.14 0.00	53.63 1.42 0.00
ROTTSDAM_115KV_TB3 80664	63.78 1.04 0.00	58.62 1.00 0.00	56.55 0.95 0.00	52.87 0.93 0.00	53.42 0.98 0.00	53.18 0.98 0.00	59.16 1.07 0.00	56.92 0.93 0.00	51.47 0.66 0.00	55.85 0.58 0.00	45.92 0.41 0.00	51.06 0.38 0.00	51.08 0.50 0.00	51.86 0.42 0.00	51.75 0.38 0.00	57.09 0.48 0.00	77.21 0.93 0.00	50.91 0.96 0.00	49.90 1.20 0.00	51.00 1.08 0.00	51.72 0.94 0.00	50.28 0.83 0.00	47.43 0.69 0.00	53.08 0.87 0.00
RUSSELL____1 23602	64.47 1.73 0.00	58.95 1.33 0.00	56.78 1.18 0.00	52.80 0.86 0.00	53.36 0.92 0.00	52.90 0.70 0.00	59.13 1.05 0.00	56.81 0.81 0.00	51.59 0.78 0.00	56.13 0.86 0.00	46.40 0.88 0.00	51.95 1.27 0.00	51.62 1.05 0.00	53.11 1.66 0.00	53.25 1.89 0.00	58.83 2.22 0.00	79.36 3.08 0.00	52.01 2.06 0.00	50.53 1.84 0.00	51.26 1.34 0.00	51.98 1.20 0.00	50.29 0.85 0.00	47.56 0.82 0.00	52.80 0.58 0.00
RUSSELL____2 23532	64.47 1.73 0.00	58.95 1.33 0.00	56.78 1.18 0.00	52.80 0.86 0.00	53.36 0.92 0.00	52.90 0.70 0.00	59.13 1.05 0.00	56.81 0.81 0.00	51.59 0.78 0.00	56.13 0.86 0.00	46.40 0.88 0.00	51.95 1.27 0.00	51.62 1.05 0.00	53.11 1.66 0.00	53.25 1.89 0.00	58.83 2.22 0.00	79.36 3.08 0.00	52.01 2.06 0.00	50.53 1.84 0.00	51.26 1.34 0.00	51.98 1.20 0.00	50.29 0.85 0.00	47.56 0.82 0.00	52.80 0.58 0.00
RUSSELL____3 23549	64.47 1.73 0.00	58.95 1.33 0.00	56.78 1.18 0.00	52.80 0.86 0.00	53.36 0.92 0.00	52.90 0.70 0.00	59.13 1.05 0.00	56.81 0.81 0.00	51.59 0.78 0.00	56.13 0.86 0.00	46.40 0.88 0.00	51.95 1.27 0.00	51.62 1.05 0.00	53.11 1.66 0.00	53.25 1.89 0.00	58.83 2.22 0.00	79.36 3.08 0.00	52.01 2.06 0.00	50.53 1.84 0.00	51.26 1.34 0.00	51.98 1.20 0.00	50.29 0.85 0.00	47.56 0.82 0.00	52.80 0.58 0.00
RUSSELL____4 23556	64.47 1.73 0.00	58.95 1.33 0.00	56.78 1.18 0.00	52.80 0.86 0.00	53.36 0.92 0.00	52.90 0.70 0.00	59.13 1.05 0.00	56.81 0.81 0.00	51.59 0.78 0.00	56.13 0.86 0.00	46.40 0.88 0.00	51.95 1.27 0.00	51.62 1.05 0.00	53.11 1.66 0.00	53.25 1.89 0.00	58.83 2.22 0.00	79.36 3.08 0.00	52.01 2.06 0.00	50.53 1.84 0.00	51.26 1.34 0.00	51.98 1.20 0.00	50.29 0.85 0.00	47.56 0.82 0.00	52.80 0.58 0.00

RUSSELL___STATION 23914	64.47 1.73 0.00	58.95 1.33 0.00	56.78 1.18 0.00	52.80 0.86 0.00	53.36 0.92 0.00	52.90 0.70 0.00	59.13 1.05 0.00	56.81 0.81 0.00	51.59 0.78 0.00	56.13 0.86 0.00	46.40 0.88 0.00	51.95 1.27 0.00	51.62 1.05 0.00	53.11 1.66 0.00	53.25 1.89 0.00	58.83 2.22 0.00	79.36 3.08 0.00	52.01 2.06 0.00	50.53 1.84 0.00	51.26 1.34 0.00	51.98 1.20 0.00	50.29 0.85 0.00	47.56 0.82 0.00	52.80 0.58 0.00
S SALMON___HYD 24043	62.65 -0.09 0.00	57.51 -0.11 0.00	55.45 -0.16 0.00	51.73 -0.21 0.00	52.24 -0.20 0.00	52.05 -0.14 0.00	58.07 -0.01 0.00	55.90 -0.09 0.00	50.45 -0.35 0.00	54.61 -0.66 0.00	44.79 -0.73 0.00	49.91 -0.77 0.00	49.70 -0.87 0.00	50.69 -0.76 0.00	50.67 -0.70 0.00	55.62 -0.99 0.00	75.33 -0.95 0.00	49.72 -0.23 0.00	48.89 0.19 0.00	50.18 0.26 0.00	51.07 0.28 0.00	49.69 0.25 0.00	46.68 -0.05 0.00	52.06 -0.16 0.00
S.PERRY___115KV_TB1 80734	64.97 2.23 0.00	59.21 1.59 0.00	57.35 1.75 0.00	53.40 1.46 0.00	54.03 1.59 0.00	53.58 1.39 0.00	60.09 2.00 0.00	57.71 1.71 0.00	52.22 1.42 0.00	56.59 1.32 0.00	46.25 0.73 0.00	51.81 1.13 0.00	51.20 0.62 0.00	52.72 1.28 0.00	52.85 1.49 0.00	58.59 1.97 0.00	79.09 2.81 0.00	52.67 2.72 0.00	51.56 2.86 0.00	52.48 2.57 0.00	53.19 2.41 0.00	51.28 1.84 0.00	48.73 1.99 0.00	53.96 1.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	63.56 0.82 0.00	58.18 0.56 0.00	56.18 0.58 0.00	52.19 0.25 0.00	52.77 0.33 0.00	52.14 -0.06 0.00	58.27 0.18 0.00	55.82 -0.18 0.00	50.70 -0.10 0.00	55.10 -0.17 0.00	45.62 0.10 0.00	51.06 0.38 0.00	50.41 -0.16 0.00	52.16 0.71 0.00	52.27 0.90 0.00	57.67 1.05 0.00	77.45 1.17 0.00	50.79 0.84 0.00	49.25 0.55 0.00	49.82 -0.09 0.00	50.62 -0.16 0.00	48.98 -0.46 0.00	46.56 -0.18 0.00	51.72 -0.50 0.00
SAWYER___23_KV_LOAD 55526	63.56 0.82 0.00	58.18 0.56 0.00	56.18 0.58 0.00	52.19 0.25 0.00	52.77 0.33 0.00	52.14 -0.06 0.00	58.27 0.18 0.00	55.82 -0.18 0.00	50.70 -0.10 0.00	55.10 -0.17 0.00	45.62 0.10 0.00	51.06 0.38 0.00	50.41 -0.16 0.00	52.16 0.71 0.00	52.27 0.90 0.00	57.67 1.05 0.00	77.45 1.17 0.00	50.79 0.84 0.00	49.25 0.55 0.00	49.82 -0.09 0.00	50.62 -0.16 0.00	48.98 -0.46 0.00	46.56 -0.18 0.00	51.72 -0.50 0.00
SELKIRK___I 23801	63.28 0.54 0.00	58.28 0.66 0.00	56.25 0.65 0.00	52.62 0.69 0.00	53.19 0.75 0.00	52.97 0.77 0.00	58.85 0.77 0.00	56.54 0.55 0.00	51.09 0.29 0.00	55.40 0.13 0.00	45.65 0.13 0.00	50.74 0.06 0.00	50.71 0.13 0.00	51.48 0.03 0.00	51.34 -0.02 0.00	56.83 0.22 0.00	76.67 0.39 0.00	50.57 0.62 0.00	49.57 0.87 0.00	50.59 0.67 0.00	51.26 0.47 0.00	49.81 0.37 0.00	47.03 0.29 0.00	52.67 0.46 0.00
SELKIRK___II 23799	62.79 0.05 0.00	57.88 0.26 0.00	55.86 0.25 0.00	52.25 0.31 0.00	52.81 0.37 0.00	52.57 0.37 0.00	58.43 0.35 0.00	56.25 0.26 0.00	51.04 0.23 0.00	55.43 0.16 0.00	45.69 0.17 0.00	50.73 0.05 0.00	50.75 0.18 0.00	51.49 0.04 0.00	51.39 0.03 0.00	56.73 0.11 0.00	76.57 0.29 0.00	50.50 0.55 0.00	49.39 0.70 0.00	50.34 0.43 0.00	50.97 0.19 0.00	49.55 0.10 0.00	46.75 0.01 0.00	52.36 0.15 0.00
SENECA OSWGO___HYD 24041	61.72 -1.03 0.00	56.55 -1.07 0.00	54.54 -1.06 0.00	50.93 -1.01 0.00	51.42 -1.02 0.00	51.19 -1.01 0.00	57.05 -1.04 0.00	55.01 -0.99 0.00	49.83 -0.97 0.00	54.11 -1.16 0.00	44.50 -1.02 0.00	49.60 -1.08 0.00	49.42 -1.15 0.00	50.34 -1.11 0.00	50.37 -1.00 0.00	55.52 -1.09 0.00	74.93 -1.35 0.00	49.32 -0.63 0.00	48.30 -0.40 0.00	49.42 -0.50 0.00	50.13 -0.65 0.00	48.66 -0.79 0.00	45.91 -0.82 0.00	51.20 -1.02 0.00
SENECA___115KV_TB3 355854	47.71 1.52 16.54	41.97 1.16 16.81	47.34 1.18 9.44	47.41 0.78 5.30	47.66 0.86 5.64	44.24 0.50 8.45	47.31 0.84 11.61	49.30 0.49 7.19	44.03 0.51 7.28	55.26 0.50 0.50	43.78 0.58 2.32	51.70 1.02 0.00	50.99 0.42 0.00	52.39 1.32 0.38	52.61 1.52 0.27	57.44 1.74 0.91	78.49 2.21 0.00	51.48 1.53 0.00	49.96 1.27 0.00	50.52 0.61 0.00	49.17 0.58 2.20	45.23 0.23 4.45	41.31 0.44 5.86	47.88 0.10 4.44
SENECA___ENERGY 23797	63.43 0.69 0.00	57.98 0.36 0.00	55.97 0.37 0.00	52.13 0.19 0.00	52.69 0.25 0.00	52.40 0.20 0.00	58.55 0.47 0.00	56.40 0.40 0.00	51.06 0.25 0.00	55.53 0.26 0.00	45.50 -0.02 0.00	50.95 0.26 0.00	50.68 0.10 0.00	51.80 0.35 0.00	51.88 0.52 0.00	57.24 0.63 0.00	77.49 1.21 0.00	51.11 1.16 0.00	50.25 1.55 0.00	51.15 1.24 0.00	51.75 0.97 0.00	49.95 0.51 0.00	47.15 0.42 0.00	52.23 0.02 0.00
SHOEMAKER___GT 23640	64.02 1.28 0.00	58.76 1.14 0.00	56.59 0.99 0.00	52.88 0.95 0.00	53.41 0.97 0.00	53.26 1.06 0.00	59.23 1.14 0.00	57.26 1.27 0.00	50.54 1.41 1.67	57.00 1.73 0.00	44.32 1.49 2.69	52.43 1.75 0.00	52.27 1.70 0.00	53.05 1.60 0.00	53.15 1.79 0.00	58.54 1.93 0.00	79.48 3.20 0.00	52.58 2.63 0.00	51.56 2.87 0.00	52.28 2.37 0.00	52.36 1.58 0.00	50.70 1.26 0.00	47.92 1.19 0.00	53.63 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	63.97 1.23 0.00	58.71 1.09 0.00	56.57 0.97 0.00	52.85 0.91 0.00	53.38 0.94 0.00	53.23 1.03 0.00	59.19 1.11 0.00	57.23 1.23 0.00	50.61 1.40 1.59	57.03 1.75 0.00	44.49 1.53 2.56	52.47 1.79 0.00	52.32 1.74 0.00	53.09 1.64 0.00	53.20 1.83 0.00	58.61 1.99 0.00	79.52 3.24 0.00	52.60 2.65 0.00	51.57 2.87 0.00	52.27 2.35 0.00	52.33 1.55 0.00	50.66 1.22 0.00	47.90 1.17 0.00	53.59 1.38 0.00
SHOREHAM_IC_1 23715	63.22 0.48 0.00	58.68 1.05 0.00	57.30 1.70 0.00	53.59 1.65 0.00	54.23 1.79 0.00	54.35 2.16 0.00	59.68 1.59 0.00	58.28 2.29 0.00	55.71 3.29 -1.62	58.63 3.35 0.00	52.64 3.35 -3.77	53.94 3.14 -0.12	53.67 3.10 0.00	54.44 3.00 0.00	54.71 3.35 0.00	60.18 3.29 -0.28	85.29 4.61 -4.40	56.84 4.06 -2.83	52.71 4.02 0.00	52.84 2.93 0.00	52.29 1.51 0.00	51.30 1.86 0.00	48.25 1.51 0.00	53.94 1.73 0.00
SHOREHAM_IC_2 23716	63.22 0.48 0.00	58.68 1.05 0.00	57.30 1.70 0.00	53.59 1.65 0.00	54.23 1.79 0.00	54.35 2.16 0.00	59.68 1.59 0.00	58.28 2.29 0.00	55.71 3.29 -1.62	58.63 3.35 0.00	52.64 3.35 -3.77	53.94 3.14 -0.12	53.67 3.10 0.00	54.44 3.00 0.00	54.71 3.35 0.00	60.18 3.29 -0.28	85.29 4.61 -4.40	56.84 4.06 -2.83	52.71 4.02 0.00	52.84 2.93 0.00	52.29 1.51 0.00	51.30 1.86 0.00	48.25 1.51 0.00	53.94 1.73 0.00
SISSONVILLE___ 23735	63.60 0.86 0.00	58.40 0.78 0.00	56.44 0.84 0.00	52.68 0.74 0.00	53.05 0.61 0.00	52.88 0.69 0.00	58.91 0.83 0.00	56.69 0.69 0.00	51.14 0.33 0.00	55.47 0.20 0.00	45.63 0.11 0.00	50.86 0.19 0.00	50.75 0.17 0.00	51.36 -0.09 0.00	50.50 -0.86 0.00	55.46 -1.15 0.00	74.25 -2.03 0.00	48.20 -1.75 0.00	46.91 -1.79 0.00	48.87 -1.04 0.00	50.55 -0.24 0.00	49.53 0.08 0.00	47.23 0.49 0.00	52.83 0.62 0.00

SITHE_IND_GS1 24169	60.90 -1.85 0.00	55.86 -1.76 0.00	53.88 -1.72 0.00	50.28 -1.66 0.00	50.79 -1.65 0.00	50.54 -1.65 0.00	56.30 -1.78 0.00	54.28 -1.71 0.00	49.23 -1.58 0.00	53.52 -1.76 0.00	44.06 -1.46 0.00	49.10 -1.58 0.00	48.95 -1.62 0.00	49.86 -1.59 0.00	49.86 -1.51 0.00	54.96 -1.65 0.00	74.16 -2.12 0.00	48.71 -1.24 0.00	47.61 -1.09 0.00	48.64 -1.28 0.00	49.36 -1.43 0.00	47.95 -1.49 0.00	45.30 -1.44 0.00	50.53 -1.68 0.00
SITHE_IND_GS2 24170	60.90 -1.85 0.00	55.86 -1.76 0.00	53.88 -1.72 0.00	50.28 -1.66 0.00	50.79 -1.65 0.00	50.54 -1.65 0.00	56.30 -1.78 0.00	54.28 -1.71 0.00	49.23 -1.58 0.00	53.52 -1.76 0.00	44.06 -1.46 0.00	49.10 -1.58 0.00	48.95 -1.62 0.00	49.86 -1.59 0.00	49.86 -1.51 0.00	54.96 -1.65 0.00	74.16 -2.12 0.00	48.71 -1.24 0.00	47.61 -1.09 0.00	48.64 -1.28 0.00	49.36 -1.43 0.00	47.95 -1.49 0.00	45.30 -1.44 0.00	50.53 -1.68 0.00
SITHE_IND_GS3 24171	60.90 -1.85 0.00	55.86 -1.76 0.00	53.88 -1.72 0.00	50.28 -1.66 0.00	50.79 -1.65 0.00	50.54 -1.65 0.00	56.30 -1.78 0.00	54.28 -1.71 0.00	49.23 -1.58 0.00	53.52 -1.76 0.00	44.06 -1.46 0.00	49.10 -1.58 0.00	48.95 -1.62 0.00	49.86 -1.59 0.00	49.86 -1.51 0.00	54.96 -1.65 0.00	74.16 -2.12 0.00	48.71 -1.24 0.00	47.61 -1.09 0.00	48.64 -1.28 0.00	49.36 -1.43 0.00	47.95 -1.49 0.00	45.30 -1.44 0.00	50.53 -1.68 0.00
SITHE_IND_GS4 24172	60.90 -1.85 0.00	55.86 -1.76 0.00	53.88 -1.72 0.00	50.28 -1.66 0.00	50.79 -1.65 0.00	50.54 -1.65 0.00	56.30 -1.78 0.00	54.28 -1.71 0.00	49.23 -1.58 0.00	53.52 -1.76 0.00	44.06 -1.46 0.00	49.10 -1.58 0.00	48.95 -1.62 0.00	49.86 -1.59 0.00	49.86 -1.51 0.00	54.96 -1.65 0.00	74.16 -2.12 0.00	48.71 -1.24 0.00	47.61 -1.09 0.00	48.64 -1.28 0.00	49.36 -1.43 0.00	47.95 -1.49 0.00	45.30 -1.44 0.00	50.53 -1.68 0.00
SITHE___BATAVIA 24024	54.03 2.73 11.45	48.22 2.22 11.63	51.15 2.09 6.54	49.85 1.58 3.67	50.18 1.65 3.90	47.72 1.37 5.85	51.87 1.82 8.03	52.56 1.54 4.97	47.06 1.29 5.04	56.00 1.08 0.35	44.61 0.70 1.60	51.56 0.88 0.00	51.11 0.53 0.00	52.63 1.45 0.26	53.00 1.82 0.19	58.50 2.51 0.62	78.95 2.67 0.00	52.08 2.13 0.00	50.55 1.86 0.00	51.27 1.35 0.00	50.49 1.27 1.57	47.13 0.87 3.19	43.46 0.93 4.20	49.64 0.61 3.18
SITHE___INDEPEND 23800	60.90 -1.85 0.00	55.85 -1.77 0.00	53.87 -1.73 0.00	50.28 -1.66 0.00	50.79 -1.65 0.00	50.54 -1.65 0.00	56.30 -1.79 0.00	54.28 -1.72 0.00	49.23 -1.58 0.00	53.51 -1.76 0.00	44.06 -1.46 0.00	49.10 -1.58 0.00	48.95 -1.62 0.00	49.86 -1.59 0.00	49.86 -1.51 0.00	54.97 -1.65 0.00	74.16 -2.12 0.00	48.71 -1.24 0.00	47.61 -1.09 0.00	48.64 -1.28 0.00	49.36 -1.43 0.00	47.95 -1.49 0.00	45.30 -1.43 0.00	50.53 -1.68 0.00
SITHE___MASSENA 23902	63.37 0.63 0.00	58.17 0.55 0.00	56.21 0.61 0.00	52.50 0.56 0.00	52.86 0.42 0.00	52.63 0.43 0.00	58.58 0.50 0.00	56.46 0.47 0.00	51.15 0.34 0.00	55.61 0.34 0.00	45.83 0.31 0.00	51.06 0.38 0.00	50.92 0.35 0.00	51.87 0.42 0.00	51.51 0.14 0.00	56.73 0.12 0.00	76.00 -0.28 0.00	49.35 -0.60 0.00	47.92 -0.78 0.00	49.66 -0.26 0.00	50.94 0.15 0.00	49.84 0.40 0.00	47.29 0.55 0.00	52.80 0.59 0.00
SITHE___OGDNSBRG 24021	64.75 2.01 0.00	59.40 1.77 0.00	57.41 1.81 0.00	53.56 1.63 0.00	53.97 1.53 0.00	53.82 1.62 0.00	59.97 1.89 0.00	57.61 1.61 0.00	51.61 0.80 0.00	56.02 0.75 0.00	46.04 0.52 0.00	51.30 0.62 0.00	51.35 0.77 0.00	52.13 0.68 0.00	51.32 -0.04 0.00	56.59 -0.03 0.00	75.47 -0.81 0.00	49.18 -0.76 0.00	47.94 -0.76 0.00	50.28 0.36 0.00	51.86 1.08 0.00	50.72 1.28 0.00	48.21 1.48 0.00	53.83 1.61 0.00
SITHE___STERLING 23777	64.44 1.70 0.00	59.09 1.47 0.00	56.94 1.34 0.00	53.16 1.23 0.00	53.67 1.23 0.00	53.52 1.33 0.00	59.69 1.60 0.00	57.46 1.47 0.00	51.90 1.10 0.00	56.12 0.85 0.00	46.06 0.54 0.00	51.33 0.65 0.00	51.21 0.64 0.00	52.17 0.72 0.00	52.09 0.72 0.00	57.42 0.81 0.00	77.76 1.48 0.00	51.27 1.31 0.00	50.36 1.66 0.00	51.80 1.88 0.00	52.54 1.75 0.00	50.94 1.50 0.00	48.01 1.28 0.00	53.48 1.27 0.00
SLEIGHT__34_KV_TB1 80719	63.13 0.39 0.00	57.77 0.15 0.00	55.69 0.08 0.00	51.81 -0.13 0.00	52.35 -0.09 0.00	52.03 -0.17 0.00	58.15 0.06 0.00	55.90 -0.09 0.00	50.60 -0.20 0.00	54.90 -0.37 0.00	45.23 -0.29 0.00	50.52 -0.16 0.00	50.42 -0.15 0.00	51.63 0.19 0.00	51.74 0.38 0.00	57.08 0.47 0.00	77.03 0.75 0.00	50.67 0.72 0.00	49.60 0.90 0.00	50.46 0.54 0.00	51.14 0.35 0.00	49.44 0.00 0.00	46.74 0.01 0.00	51.89 -0.32 0.00
SOUTH CAIRO___GT 23612	65.09 2.35 0.00	59.82 2.20 0.00	57.65 2.05 0.00	53.91 1.98 0.00	54.50 2.06 0.00	54.31 2.11 0.00	60.50 2.41 0.00	58.29 2.29 0.00	52.61 1.81 0.00	56.56 1.29 0.00	46.44 0.92 0.00	51.67 0.99 0.00	51.84 1.26 0.00	52.43 0.98 0.00	52.27 0.91 0.00	58.02 1.41 0.00	78.81 2.53 0.00	52.23 2.28 0.00	51.36 2.66 0.00	52.66 2.74 0.00	53.32 2.54 0.00	51.65 2.21 0.00	48.57 1.84 0.00	54.24 2.02 0.00
SOUTH HAMPTN___IC 23720	64.43 1.69 0.00	59.72 2.10 0.00	58.40 2.80 0.00	54.58 2.64 0.00	55.35 2.91 0.00	55.48 3.29 0.00	60.97 2.89 0.00	59.55 3.56 0.00	56.98 4.55 -1.62	60.14 4.87 0.00	53.94 4.65 -3.77	55.38 4.58 -0.12	55.07 4.49 0.00	55.79 4.34 0.00	56.07 4.70 0.00	61.73 4.81 -0.30	87.56 6.54 -4.73	58.10 5.11 -3.05	53.59 4.89 0.00	53.65 3.73 0.00	53.25 2.46 0.00	52.08 2.64 0.00	48.98 2.25 0.00	54.74 2.53 0.00
SOUTHDOW_115KV_TB1 355954	65.42 2.68 0.00	59.66 2.04 0.00	57.42 1.82 0.00	53.38 1.45 0.00	54.13 1.69 0.00	53.82 1.62 0.00	60.49 2.40 0.00	58.39 2.40 0.00	53.08 2.28 0.00	58.27 3.00 0.00	47.90 2.38 0.00	53.95 3.26 0.00	52.54 1.97 0.00	54.01 2.57 0.00	54.18 2.82 0.00	59.75 3.14 0.00	81.22 4.94 0.00	53.35 3.40 0.00	52.44 3.75 0.00	53.13 3.21 0.00	53.65 2.86 0.00	51.41 1.97 0.00	48.43 1.70 0.00	53.67 1.46 0.00
SOUTHOLD_69_KV_BK 2 55809	65.44 2.70 0.00	60.63 3.01 0.00	59.40 3.80 0.00	55.46 3.52 0.00	56.40 3.96 0.00	56.57 4.37 0.00	62.22 4.13 0.00	60.80 4.81 0.00	58.19 5.77 -1.62	61.60 6.33 0.00	55.11 5.82 -3.77	56.60 5.80 -0.12	56.27 5.70 0.00	56.75 5.30 0.00	56.35 4.98 0.00	62.08 5.17 -0.30	87.84 6.83 -4.73	57.97 4.98 -3.04	53.21 4.51 0.00	53.35 3.44 0.00	53.92 3.14 0.00	52.68 3.24 0.00	49.52 2.79 0.00	55.27 3.06 0.00
SOUTHOLD___IC 23719	65.44 2.70 0.00	60.61 2.99 0.00	59.36 3.76 0.00	55.46 3.52 0.00	56.40 3.96 0.00	56.57 4.37 0.00	62.17 4.09 0.00	60.78 4.78 0.00	58.19 5.77 -1.62	61.58 6.31 0.00	55.12 5.82 -3.77	56.59 5.79 -0.12	56.26 5.69 0.00	56.75 5.30 0.00	56.35 4.98 0.00	62.07 5.16 -0.30	87.84 6.83 -4.73	57.97 4.97 -3.04	53.21 4.51 0.00	53.35 3.44 0.00	53.93 3.14 0.00	52.68 3.23 0.00	49.52 2.78 0.00	55.26 3.05 0.00

SOUTH_FORK_WT_PWR 323839	65.36 2.62 0.00	60.57 2.95 0.00	59.42 3.82 0.00	55.51 3.58 0.00	56.59 4.16 0.00	56.78 4.58 0.00	62.38 4.30 0.00	61.00 5.01 0.00	58.42 5.99 -1.62	61.86 6.59 0.00	55.32 6.03 -3.77	56.70 5.90 -0.12	56.29 5.72 0.00	56.72 5.27 0.00	56.95 5.59 0.00	62.76 5.85 -0.30	88.53 7.52 -4.73	58.22 5.22 -3.04	53.35 4.65 0.00	53.34 3.42 0.00	53.54 2.76 0.00	52.34 2.90 0.00	49.22 2.48 0.00	54.93 2.72 0.00
SPIERFLS_115KV_TB 1 80737	64.95 2.21 0.00	59.70 2.07 0.00	57.69 2.09 0.00	53.92 1.99 0.00	54.48 2.04 0.00	54.21 2.01 0.00	60.29 2.20 0.00	57.76 1.77 0.00	51.85 1.04 0.00	55.96 0.69 0.00	45.52 0.00 0.00	50.37 -0.32 0.00	50.81 0.24 0.00	51.70 0.25 0.00	51.37 0.00 0.00	56.95 0.34 0.00	77.68 1.40 0.00	51.45 1.50 0.00	50.80 2.11 0.00	51.97 2.06 0.00	52.82 2.03 0.00	51.31 1.87 0.00	48.12 1.39 0.00	54.01 1.80 0.00
ST LAWRENCE____ 23600	62.76 0.02 0.00	57.62 0.00 0.00	55.67 0.07 0.00	51.98 0.05 0.00	52.38 -0.05 0.00	52.13 -0.06 0.00	58.02 -0.07 0.00	55.95 -0.05 0.00	50.75 -0.05 0.00	55.23 -0.04 0.00	45.51 -0.01 0.00	50.68 0.00 0.00	50.56 -0.01 0.00	51.54 0.09 0.00	51.29 -0.07 0.00	56.50 -0.11 0.00	75.77 -0.51 0.00	49.23 -0.72 0.00	47.77 -0.93 0.00	49.38 -0.53 0.00	50.57 -0.21 0.00	49.43 -0.01 0.00	46.86 0.12 0.00	52.31 0.10 0.00
STATE_CA_115KV_115_LB 55624	63.01 0.27 0.00	58.03 0.41 0.00	56.00 0.40 0.00	52.38 0.45 0.00	52.96 0.52 0.00	52.71 0.51 0.00	58.60 0.51 0.00	56.39 0.40 0.00	51.19 0.39 0.00	55.53 0.25 0.00	45.79 0.28 0.00	50.80 0.12 0.00	50.92 0.34 0.00	51.67 0.22 0.00	51.56 0.20 0.00	56.91 0.30 0.00	76.89 0.61 0.00	50.72 0.77 0.00	49.63 0.93 0.00	50.53 0.61 0.00	51.15 0.36 0.00	49.69 0.24 0.00	46.84 0.11 0.00	52.47 0.26 0.00
STATE_ST_34_KV_LOAD 55959	63.48 0.74 0.00	58.16 0.54 0.00	56.13 0.53 0.00	52.15 0.22 0.00	52.82 0.38 0.00	52.56 0.36 0.00	58.65 0.57 0.00	56.50 0.51 0.00	51.15 0.35 0.00	55.58 0.31 0.00	45.44 -0.08 0.00	50.68 0.00 0.00	50.61 0.04 0.00	51.64 0.19 0.00	51.65 0.28 0.00	56.97 0.35 0.00	77.08 0.80 0.00	50.76 0.81 0.00	49.96 1.26 0.00	51.02 1.10 0.00	51.71 0.92 0.00	49.90 0.45 0.00	47.22 0.48 0.00	52.35 0.13 0.00
STATION 5_MISC_HYD 23604	56.28 1.36 7.82	50.68 1.00 7.95	52.03 0.90 4.47	50.03 0.60 2.51	50.42 0.65 2.67	48.64 0.44 4.00	53.34 0.74 5.49	53.12 0.52 3.40	47.87 0.51 3.44	55.55 0.52 0.24	45.00 0.57 1.09	51.59 0.91 0.00	51.23 0.65 0.00	52.54 1.26 0.17	52.70 1.46 0.13	57.96 1.77 0.42	78.66 2.38 0.00	51.59 1.64 0.00	50.12 1.43 0.00	50.86 0.94 0.00	50.59 0.82 1.01	47.90 0.50 2.05	44.55 0.52 2.70	50.44 0.27 2.05
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	63.75 1.01 0.00	58.28 0.66 0.00	56.19 0.59 0.00	52.33 0.39 0.00	52.87 0.43 0.00	52.50 0.30 0.00	58.65 0.57 0.00	56.43 0.43 0.00	51.17 0.37 0.00	55.65 0.38 0.00	45.85 0.33 0.00	51.30 0.62 0.00	50.98 0.40 0.00	52.28 0.84 0.00	52.41 1.04 0.00	57.87 1.26 0.00	78.20 1.92 0.00	51.41 1.46 0.00	50.19 1.49 0.00	50.99 1.08 0.00	51.65 0.86 0.00	49.96 0.52 0.00	47.18 0.45 0.00	52.41 0.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	63.57 0.83 0.00	58.15 0.52 0.00	56.03 0.43 0.00	52.13 0.20 0.00	52.66 0.23 0.00	52.23 0.04 0.00	58.37 0.28 0.00	56.09 0.09 0.00	50.92 0.12 0.00	55.38 0.11 0.00	45.77 0.25 0.00	51.20 0.52 0.00	50.90 0.32 0.00	52.32 0.87 0.00	52.44 1.07 0.00	57.92 1.31 0.00	78.08 1.80 0.00	51.19 1.25 0.00	49.76 1.43 0.00	50.50 0.59 0.00	51.22 0.43 0.00	49.57 0.13 0.00	46.89 0.16 0.00	52.10 -0.11 0.00
STA_56____34_KV_BUS2 355983	63.57 0.83 0.00	58.15 0.52 0.00	56.03 0.43 0.00	52.13 0.20 0.00	52.66 0.23 0.00	52.23 0.04 0.00	58.37 0.28 0.00	56.09 0.09 0.00	50.92 0.12 0.00	55.38 0.11 0.00	45.77 0.25 0.00	51.20 0.52 0.00	50.90 0.32 0.00	52.32 0.87 0.00	52.44 1.07 0.00	57.92 1.31 0.00	78.08 1.80 0.00	51.19 1.25 0.00	49.76 1.43 0.00	50.50 0.59 0.00	51.22 0.43 0.00	49.57 0.13 0.00	46.89 0.16 0.00	52.10 -0.11 0.00
STA_67____115KV_BK2 355882	63.91 1.17 0.00	58.48 0.86 0.00	56.36 0.76 0.00	52.42 0.48 0.00	52.97 0.53 0.00	52.52 0.33 0.00	58.68 0.59 0.00	56.36 0.37 0.00	51.17 0.37 0.00	55.63 0.36 0.00	45.97 0.45 0.00	51.42 0.74 0.00	51.07 0.50 0.00	52.55 1.10 0.00	52.67 1.30 0.00	58.17 1.56 0.00	78.40 2.11 0.00	51.42 1.47 0.00	49.97 1.28 0.00	50.70 0.79 0.00	51.44 0.65 0.00	49.79 0.35 0.00	47.12 0.39 0.00	52.35 0.13 0.00
STA_7____115KV_9TRANS 80674	64.47 1.73 0.00	58.95 1.33 0.00	56.78 1.18 0.00	52.80 0.86 0.00	53.36 0.92 0.00	52.90 0.70 0.00	59.13 1.05 0.00	56.81 0.81 0.00	51.59 0.78 0.00	56.13 0.86 0.00	46.40 0.88 0.00	51.95 1.27 0.00	51.62 1.05 0.00	53.11 1.66 0.00	53.25 1.89 0.00	58.83 2.22 0.00	79.36 3.08 0.00	52.01 2.06 0.00	50.53 1.84 0.00	51.26 1.34 0.00	51.98 1.20 0.00	50.29 0.85 0.00	47.56 0.82 0.00	52.80 0.58 0.00
STA_82____115KV_TB1 80780	63.84 1.10 0.00	58.41 0.79 0.00	56.29 0.69 0.00	52.36 0.43 0.00	52.90 0.46 0.00	52.47 0.27 0.00	58.62 0.53 0.00	56.30 0.31 0.00	51.10 0.30 0.00	55.55 0.28 0.00	45.90 0.38 0.00	51.33 0.65 0.00	50.99 0.41 0.00	52.45 1.01 0.00	52.56 1.20 0.00	58.08 1.47 0.00	78.24 1.96 0.00	51.33 1.38 0.00	49.88 1.18 0.00	50.62 0.70 0.00	51.36 0.57 0.00	49.72 0.28 0.00	47.05 0.31 0.00	52.28 0.06 0.00
STEEL____WIND 323596	47.63 1.43 16.54	41.90 1.08 16.81	47.28 1.12 9.44	47.35 0.71 5.30	47.59 0.80 5.64	44.17 0.42 8.45	47.24 0.77 11.61	49.22 0.41 7.19	43.97 0.45 7.28	55.20 0.43 0.50	43.72 0.51 2.32	51.61 0.93 0.00	50.94 0.37 0.00	52.30 1.24 0.38	52.53 1.44 0.27	57.35 1.64 0.91	78.36 2.08 0.00	51.40 1.46 0.00	49.90 1.21 0.00	50.47 0.56 0.00	49.12 0.53 2.20	45.17 0.17 4.45	41.25 0.38 5.86	47.82 0.04 4.44
STEPHTWN_115KV_BK_2 55603	63.33 0.59 0.00	58.36 0.74 0.00	56.31 0.71 0.00	52.57 0.64 0.00	53.25 0.81 0.00	52.85 0.65 0.00	58.89 0.81 0.00	56.67 0.67 0.00	51.39 0.58 0.00	55.69 0.42 0.00	45.79 0.27 0.00	50.90 0.21 0.00	50.90 0.32 0.00	51.72 0.28 0.00	51.57 0.21 0.00	57.04 0.42 0.00	77.03 0.74 0.00	50.98 1.04 0.00	49.97 1.28 0.00	50.94 1.02 0.00	51.47 0.68 0.00	49.98 0.53 0.00	47.09 0.35 0.00	52.81 0.60 0.00
STEUBEN_REC_LFGE 323667	63.55 0.81 0.00	57.60 -0.03 0.00	56.19 0.58 0.00	52.58 0.64 0.00	53.34 0.90 0.00	52.90 0.70 0.00	59.47 1.39 0.00	57.33 1.34 0.00	51.85 1.05 0.00	56.40 1.13 0.00	46.08 0.56 0.00	51.78 1.09 0.00	50.65 0.08 0.00	51.88 0.43 0.00	52.02 0.66 0.00	57.67 1.06 0.00	78.50 2.22 0.00	52.35 2.40 0.00	51.85 3.15 0.00	52.78 2.87 0.00	53.19 2.40 0.00	51.10 1.65 0.00	48.14 1.40 0.00	53.23 1.02 0.00

STILLWATER___SOLAR 323814	64.79 2.05 0.00	59.63 2.01 0.00	57.57 1.97 0.00	53.84 1.90 0.00	54.42 1.98 0.00	54.14 1.94 0.00	60.25 2.17 0.00	57.79 1.80 0.00	52.02 1.22 0.00	56.27 1.00 0.00	46.09 0.57 0.00	51.12 0.44 0.00	51.36 0.78 0.00	52.17 0.73 0.00	52.02 0.65 0.00	57.54 0.93 0.00	77.99 1.71 0.00	51.58 1.64 0.00	50.73 2.03 0.00	51.82 1.90 0.00	52.56 1.78 0.00	51.14 1.70 0.00	48.08 1.34 0.00	53.91 1.70 0.00
STONY___BROOK 24151	63.85 1.11 0.00	59.25 1.63 0.00	57.85 2.25 0.00	54.11 2.18 0.00	54.74 2.30 0.00	54.83 2.63 0.00	60.24 2.15 0.00	58.79 2.79 0.00	56.15 3.72 -1.62	59.13 3.86 0.00	53.08 3.78 -3.77	54.48 3.68 -0.12	54.18 3.60 0.00	55.02 3.58 0.00	55.27 3.91 0.00	60.47 3.67 -0.19	84.17 4.87 -3.02	56.00 4.11 -1.95	52.92 4.22 0.00	53.05 3.14 0.00	52.33 1.54 0.00	51.12 1.68 0.00	48.32 1.58 0.00	54.49 2.28 0.00
STURGEON_POOL_HYD 23609	64.33 1.59 0.00	59.04 1.42 0.00	56.89 1.29 0.00	53.18 1.24 0.00	53.70 1.26 0.00	53.58 1.39 0.00	59.59 1.50 0.00	57.65 1.65 0.00	52.71 1.91 0.00	57.66 2.39 0.00	47.68 2.16 0.00	53.03 2.35 0.00	52.90 2.33 0.00	53.66 2.21 0.00	53.77 2.40 0.00	59.24 2.62 0.00	80.34 4.06 0.00	53.17 3.22 0.00	52.02 3.32 0.00	52.60 2.68 0.00	52.60 1.82 0.00	50.92 1.47 0.00	48.12 1.38 0.00	53.84 1.63 0.00
ST_LAW_115_BK7_LBMP 345037	62.73 -0.01 0.00	57.60 -0.03 0.00	55.65 0.05 0.00	51.96 0.03 0.00	52.35 -0.08 0.00	52.11 -0.08 0.00	57.99 -0.10 0.00	55.91 -0.08 0.00	50.72 -0.08 0.00	55.19 -0.08 0.00	45.47 -0.05 0.00	50.64 -0.04 0.00	50.53 -0.04 0.00	51.50 0.05 0.00	51.24 -0.13 0.00	56.44 -0.17 0.00	75.67 -0.61 0.00	49.12 -0.83 0.00	47.65 -1.05 0.00	49.30 -0.62 0.00	50.52 -0.26 0.00	49.39 -0.05 0.00	46.84 0.11 0.00	52.30 0.09 0.00
ST_LAW_115_BK8_LBMP 345038	62.73 -0.01 0.00	57.60 -0.03 0.00	55.65 0.05 0.00	51.96 0.03 0.00	52.35 -0.08 0.00	52.11 -0.08 0.00	57.99 -0.10 0.00	55.91 -0.08 0.00	50.72 -0.08 0.00	55.19 -0.08 0.00	45.47 -0.05 0.00	50.64 -0.04 0.00	50.53 -0.04 0.00	51.50 0.05 0.00	51.24 -0.13 0.00	56.44 -0.17 0.00	75.67 -0.61 0.00	49.12 -0.83 0.00	47.65 -1.05 0.00	49.30 -0.62 0.00	50.52 -0.26 0.00	49.39 -0.05 0.00	46.84 0.11 0.00	52.30 0.09 0.00
ST_LAW_230_BK5_LBMP 345035	62.76 0.02 0.00	57.62 0.00 0.00	55.67 0.07 0.00	51.98 0.05 0.00	52.38 -0.05 0.00	52.13 -0.06 0.00	58.02 -0.07 0.00	55.95 -0.05 0.00	50.75 -0.05 0.00	55.23 -0.04 0.00	45.51 -0.01 0.00	50.68 0.00 0.00	50.56 -0.01 0.00	51.54 0.09 0.00	51.29 -0.07 0.00	56.50 -0.11 0.00	75.77 -0.51 0.00	49.23 -0.72 0.00	47.77 -0.93 0.00	49.38 -0.53 0.00	50.57 -0.21 0.00	49.43 -0.01 0.00	46.86 0.12 0.00	52.31 0.10 0.00
ST_LAW_230_BK6_LBMP 345036	62.76 0.02 0.00	57.62 0.00 0.00	55.67 0.07 0.00	51.98 0.05 0.00	52.38 -0.05 0.00	52.13 -0.06 0.00	58.02 -0.07 0.00	55.95 -0.05 0.00	50.75 -0.05 0.00	55.23 -0.04 0.00	45.51 -0.01 0.00	50.68 0.00 0.00	50.56 -0.01 0.00	51.54 0.09 0.00	51.29 -0.07 0.00	56.50 -0.11 0.00	75.77 -0.51 0.00	49.23 -0.72 0.00	47.77 -0.93 0.00	49.38 -0.53 0.00	50.57 -0.21 0.00	49.43 -0.01 0.00	46.86 0.12 0.00	52.31 0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	64.10 1.36 0.00	58.83 1.21 0.00	56.66 1.06 0.00	52.96 1.02 0.00	53.48 1.05 0.00	53.34 1.15 0.00	59.30 1.21 0.00	57.36 1.36 0.00	50.46 1.60 1.95	57.36 2.09 0.00	44.25 1.87 3.14	52.87 2.19 0.00	52.75 2.18 0.00	53.53 2.09 0.00	53.65 2.29 0.00	59.13 2.51 0.00	80.25 3.97 0.00	53.08 3.14 0.00	52.00 3.30 0.00	52.61 2.70 0.00	52.56 1.77 0.00	50.84 1.39 0.00	48.08 1.34 0.00	53.84 1.62 0.00
SWANROAD_115KV_TB1 355699	62.47 -0.27 0.00	57.14 -0.48 0.00	55.22 -0.38 0.00	51.20 -0.73 0.00	51.77 -0.67 0.00	51.13 -1.07 0.00	57.11 -0.97 0.00	54.72 -1.28 0.00	49.67 -1.13 0.00	53.98 -1.29 0.00	44.62 -0.90 0.00	49.91 -0.77 0.00	49.32 -1.26 0.00	51.16 -0.29 0.00	51.33 -0.03 0.00	56.63 0.02 0.00	75.80 -0.49 0.00	49.82 -0.13 0.00	48.22 -0.48 0.00	48.78 -1.14 0.00	49.50 -1.29 0.00	47.87 -1.58 0.00	45.58 -1.16 0.00	50.64 -1.57 0.00
SYNERGY___BIOGAS 323694	65.46 2.72 0.00	59.82 2.20 0.00	57.66 2.06 0.00	53.51 1.57 0.00	54.08 1.65 0.00	53.54 1.34 0.00	59.89 1.80 0.00	57.51 1.52 0.00	52.09 1.29 0.00	56.34 1.07 0.00	46.23 0.71 0.00	51.54 0.86 0.00	51.12 0.54 0.00	52.89 1.44 0.00	53.20 1.83 0.00	59.13 2.52 0.00	78.94 2.66 0.00	52.08 2.13 0.00	50.55 1.85 0.00	51.27 1.35 0.00	52.06 1.27 0.00	50.31 0.86 0.00	47.65 0.92 0.00	52.80 0.59 0.00
SYRACUSE___ENERGY_ST1 323597	62.65 -0.09 0.00	57.63 0.01 0.00	55.72 0.11 0.00	51.82 -0.12 0.00	52.15 -0.28 0.00	51.92 -0.28 0.00	57.88 -0.20 0.00	55.79 -0.20 0.00	50.50 -0.30 0.00	54.88 -0.39 0.00	45.11 -0.41 0.00	50.37 -0.32 0.00	50.17 -0.40 0.00	51.16 -0.28 0.00	51.16 -0.21 0.00	56.44 -0.17 0.00	76.31 0.02 0.00	50.16 0.21 0.00	49.16 0.46 0.00	50.20 0.28 0.00	50.88 0.10 0.00	49.33 -0.11 0.00	46.57 -0.17 0.00	51.86 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	62.65 -0.09 0.00	57.63 0.01 0.00	55.72 0.11 0.00	51.82 -0.12 0.00	52.15 -0.28 0.00	51.92 -0.28 0.00	57.88 -0.20 0.00	55.79 -0.20 0.00	50.50 -0.30 0.00	54.88 -0.39 0.00	45.11 -0.41 0.00	50.37 -0.32 0.00	50.17 -0.40 0.00	51.16 -0.28 0.00	51.16 -0.21 0.00	56.44 -0.17 0.00	76.31 0.02 0.00	50.16 0.21 0.00	49.16 0.46 0.00	50.20 0.28 0.00	50.88 0.10 0.00	49.33 -0.11 0.00	46.57 -0.17 0.00	51.86 -0.36 0.00
SYRACUSE___POWER 24017	62.70 -0.04 0.00	57.49 -0.14 0.00	55.44 -0.16 0.00	51.70 -0.24 0.00	52.17 -0.27 0.00	51.92 -0.27 0.00	57.89 -0.20 0.00	55.81 -0.19 0.00	50.58 -0.22 0.00	54.99 -0.29 0.00	45.23 -0.29 0.00	50.50 -0.18 0.00	50.27 -0.30 0.00	51.27 -0.18 0.00	51.25 -0.11 0.00	56.55 -0.07 0.00	76.45 0.17 0.00	50.28 0.33 0.00	49.24 0.54 0.00	50.26 0.35 0.00	50.92 0.13 0.00	49.37 -0.07 0.00	46.58 -0.16 0.00	51.89 -0.32 0.00
TALLMAN___138KV_BK151 55660	64.33 1.59 0.00	59.05 1.43 0.00	56.87 1.27 0.00	53.18 1.24 0.00	53.69 1.25 0.00	53.58 1.39 0.00	59.52 1.44 0.00	57.61 1.62 0.00	49.69 1.97 3.08	57.83 2.56 0.00	42.89 2.33 4.96	53.36 2.68 0.00	53.22 2.65 0.00	53.99 2.54 0.00	54.14 2.78 0.00	59.64 3.03 0.00	80.95 4.67 0.00	53.57 3.62 0.00	52.46 3.76 0.00	52.99 3.07 0.00	52.81 2.03 0.00	51.06 1.62 0.00	48.29 1.55 0.00	54.10 1.89 0.00
TEALLAVE_115KV_TB7 355573	62.35 -0.39 0.00	57.15 -0.47 0.00	55.09 -0.51 0.00	51.40 -0.54 0.00	51.91 -0.53 0.00	51.66 -0.54 0.00	57.59 -0.49 0.00	55.52 -0.48 0.00	50.34 -0.47 0.00	54.75 -0.52 0.00	45.07 -0.45 0.00	50.31 -0.37 0.00	50.11 -0.46 0.00	51.07 -0.38 0.00	51.08 -0.29 0.00	56.33 -0.28 0.00	76.12 -0.16 0.00	50.04 0.09 0.00	48.96 0.26 0.00	49.96 0.04 0.00	50.63 -0.15 0.00	49.10 -0.34 0.00	46.34 -0.40 0.00	51.63 -0.58 0.00

TELGRAPH_34_KV_EAST 80808	63.98 1.24 0.00	58.51 0.89 0.00	56.45 0.86 0.00	52.39 0.45 0.00	52.97 0.54 0.00	52.37 0.17 0.00	58.55 0.47 0.00	56.14 0.15 0.00	50.94 0.14 0.00	55.25 -0.03 0.00	45.58 0.07 0.00	50.95 0.27 0.00	50.41 -0.16 0.00	52.22 0.77 0.00	52.42 1.06 0.00	57.98 1.37 0.00	77.71 1.43 0.00	51.13 1.17 0.00	49.55 0.85 0.00	50.20 0.29 0.00	50.97 0.18 0.00	49.27 -0.18 0.00	46.78 0.04 0.00	51.91 -0.30 0.00
TEMPLE___115KV_TB 2 55572	62.38 -0.36 0.00	57.17 -0.45 0.00	55.11 -0.49 0.00	51.42 -0.51 0.00	51.92 -0.51 0.00	51.69 -0.51 0.00	57.61 -0.47 0.00	55.54 -0.45 0.00	50.37 -0.44 0.00	54.78 -0.49 0.00	45.10 -0.42 0.00	50.35 -0.33 0.00	50.14 -0.43 0.00	51.11 -0.34 0.00	51.11 -0.25 0.00	56.38 -0.23 0.00	76.19 -0.09 0.00	50.09 0.14 0.00	49.00 0.30 0.00	49.99 0.07 0.00	50.66 -0.13 0.00	49.13 -0.31 0.00	46.36 -0.37 0.00	51.66 -0.56 0.00
TIANA___69_KV_BK 1 55817	64.18 1.44 0.00	59.51 1.89 0.00	58.18 2.58 0.00	54.35 2.42 0.00	55.05 2.62 0.00	55.19 3.00 0.00	60.67 2.59 0.00	59.25 3.25 0.00	56.65 4.23 -1.62	59.75 4.48 0.00	53.59 4.30 -3.77	55.04 4.24 -0.12	54.74 4.17 0.00	55.49 4.04 0.00	55.77 4.40 0.00	61.39 4.47 -0.30	87.17 6.17 -4.73	57.94 4.95 -3.04	53.51 4.81 0.00	53.59 3.68 0.00	53.11 2.32 0.00	51.95 2.51 0.00	48.88 2.14 0.00	54.64 2.42 0.00
TILDEN___115KV_TB1 80814	62.70 -0.04 0.00	57.49 -0.14 0.00	55.44 -0.16 0.00	51.70 -0.24 0.00	52.17 -0.27 0.00	51.92 -0.27 0.00	57.89 -0.20 0.00	55.81 -0.19 0.00	50.58 -0.22 0.00	54.99 -0.29 0.00	45.23 -0.29 0.00	50.50 -0.18 0.00	50.27 -0.30 0.00	51.27 -0.18 0.00	51.25 -0.11 0.00	56.55 -0.07 0.00	76.45 0.17 0.00	50.28 0.33 0.00	49.24 0.54 0.00	50.26 0.35 0.00	50.92 0.13 0.00	49.37 -0.07 0.00	46.58 -0.16 0.00	51.89 -0.32 0.00
TRIGEN___CC 323695	64.36 1.62 0.00	59.46 1.83 0.00	57.64 2.04 0.00	53.87 1.94 0.00	54.45 2.01 0.00	54.44 2.24 0.00	60.07 1.99 0.00	58.44 2.44 0.00	55.48 3.05 -1.62	58.61 3.34 0.00	52.56 3.27 -3.77	54.17 3.37 -0.12	53.78 3.21 0.00	54.57 3.12 0.00	54.76 3.39 0.00	60.13 3.51 0.00	81.29 5.01 0.00	53.96 4.01 0.00	52.96 4.27 0.00	53.37 3.46 0.00	52.73 1.95 0.00	51.21 1.77 0.00	48.48 1.74 0.00	54.39 2.19 0.00
TRINITY___115KV__ 4 BK 55933	62.68 -0.06 0.00	57.75 0.13 0.00	55.73 0.13 0.00	52.15 0.22 0.00	52.71 0.28 0.00	52.46 0.26 0.00	58.31 0.23 0.00	56.10 0.11 0.00	50.91 0.10 0.00	55.24 -0.03 0.00	45.53 0.01 0.00	50.49 -0.19 0.00	50.61 0.04 0.00	51.33 -0.12 0.00	51.21 -0.15 0.00	56.51 -0.10 0.00	76.29 0.01 0.00	50.33 0.38 0.00	49.25 0.55 0.00	50.16 0.25 0.00	50.81 0.02 0.00	49.39 -0.05 0.00	46.59 -0.15 0.00	52.21 -0.01 0.00
UNION___PROCESSING_DRP 323587	63.84 1.10 0.00	58.43 0.80 0.00	56.30 0.70 0.00	52.37 0.44 0.00	52.93 0.49 0.00	52.48 0.28 0.00	58.62 0.54 0.00	56.32 0.32 0.00	51.12 0.32 0.00	55.56 0.30 0.00	45.91 0.39 0.00	51.34 0.66 0.00	50.99 0.42 0.00	52.47 1.03 0.00	52.58 1.21 0.00	58.10 1.48 0.00	78.26 1.98 0.00	51.34 1.39 0.00	49.90 1.20 0.00	50.65 0.73 0.00	51.38 0.59 0.00	49.73 0.28 0.00	47.07 0.34 0.00	52.30 0.08 0.00
UPPER HUDSON___HYD 24058	64.95 2.20 0.00	59.70 2.07 0.00	57.69 2.09 0.00	53.92 1.99 0.00	54.48 2.04 0.00	54.21 2.01 0.00	60.29 2.20 0.00	57.76 1.77 0.00	51.85 1.04 0.00	55.97 0.70 0.00	45.51 0.00 0.00	50.37 -0.31 0.00	50.81 0.24 0.00	51.70 0.25 0.00	51.37 0.01 0.00	56.95 0.34 0.00	77.69 1.41 0.00	51.45 1.50 0.00	50.80 2.11 0.00	51.97 2.06 0.00	52.82 2.03 0.00	51.31 1.87 0.00	48.12 1.39 0.00	54.01 1.80 0.00
UPPER RAQUET___HYD 24056	63.60 0.86 0.00	58.40 0.78 0.00	56.44 0.84 0.00	52.68 0.74 0.00	53.05 0.62 0.00	52.88 0.69 0.00	58.91 0.83 0.00	56.69 0.69 0.00	51.14 0.34 0.00	55.47 0.20 0.00	45.64 0.12 0.00	50.87 0.19 0.00	50.74 0.17 0.00	51.36 -0.09 0.00	50.50 -0.86 0.00	55.46 -1.15 0.00	74.25 -2.03 0.00	48.19 -1.76 0.00	46.91 -1.79 0.00	48.87 -1.04 0.00	50.55 -0.24 0.00	49.53 0.08 0.00	47.23 0.50 0.00	52.83 0.62 0.00
VALLEY44_115KV_TB2 355964	63.37 0.63 0.00	57.96 0.34 0.00	55.85 0.25 0.00	52.06 0.12 0.00	52.78 0.35 0.00	52.28 0.08 0.00	58.69 0.61 0.00	56.57 0.58 0.00	51.39 0.58 0.00	56.77 1.51 0.00	46.40 0.88 0.00	52.27 1.59 0.00	50.95 0.38 0.00	52.16 0.71 0.00	52.00 0.63 0.00	57.30 0.69 0.00	78.22 1.94 0.00	51.45 1.50 0.00	50.95 2.25 0.00	51.63 1.71 0.00	52.01 1.22 0.00	49.73 0.28 0.00	46.74 0.00 0.00	52.14 -0.07 0.00
VALLEY___115KV_TB 1-4 80826	63.49 0.74 0.00	58.35 0.73 0.00	56.22 0.62 0.00	52.60 0.67 0.00	53.20 0.76 0.00	52.90 0.70 0.00	58.86 0.77 0.00	56.54 0.55 0.00	50.69 -0.11 0.00	54.68 -0.59 0.00	44.93 -0.59 0.00	50.00 -0.68 0.00	50.00 -0.57 0.00	50.72 -0.73 0.00	50.55 -0.82 0.00	55.65 -0.96 0.00	75.20 -1.08 0.00	49.92 -0.03 0.00	49.38 0.68 0.00	50.73 0.81 0.00	51.41 0.62 0.00	50.01 0.57 0.00	47.16 0.42 0.00	52.77 0.55 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	64.44 1.70 0.00	59.13 1.51 0.00	56.98 1.38 0.00	53.23 1.29 0.00	53.79 1.36 0.00	53.57 1.37 0.00	59.62 1.54 0.00	57.52 1.53 0.00	52.29 1.48 0.00	57.05 1.78 0.00	46.98 1.46 0.00	52.46 1.78 0.00	52.26 1.69 0.00	53.21 1.76 0.00	53.16 1.80 0.00	58.63 2.02 0.00	79.47 3.18 0.00	52.51 2.56 0.00	51.50 2.80 0.00	52.35 2.43 0.00	52.80 2.02 0.00	51.17 1.73 0.00	48.23 1.50 0.00	53.82 1.61 0.00
VISCHER___FERRY HYD 24020	63.80 1.06 0.00	58.84 1.22 0.00	56.80 1.20 0.00	53.18 1.25 0.00	53.77 1.33 0.00	53.46 1.26 0.00	59.43 1.34 0.00	57.06 1.06 0.00	51.54 0.74 0.00	55.90 0.63 0.00	45.91 0.39 0.00	50.86 0.18 0.00	51.08 0.51 0.00	51.81 0.36 0.00	51.63 0.26 0.00	57.01 0.40 0.00	76.93 0.65 0.00	50.81 0.86 0.00	49.78 1.09 0.00	50.81 0.89 0.00	51.54 0.75 0.00	50.21 0.77 0.00	47.29 0.55 0.00	53.05 0.84 0.00
V_A_10_SYNC_DSASP 323832	62.92 0.18 0.00	57.63 0.00 0.00	55.62 0.02 0.00	51.71 -0.23 0.00	52.27 -0.17 0.00	51.70 -0.50 0.00	57.74 -0.35 0.00	55.35 -0.64 0.00	50.26 -0.54 0.00	54.65 -0.62 0.00	45.20 -0.32 0.00	50.54 -0.14 0.00	50.02 -0.55 0.00	51.63 0.18 0.00	51.70 0.34 0.00	57.05 0.43 0.00	76.68 0.40 0.00	50.25 0.30 0.00	48.78 0.08 0.00	49.42 -0.50 0.00	50.17 -0.61 0.00	48.57 -0.87 0.00	46.14 -0.60 0.00	51.32 -0.89 0.00
V_CMM_10_SYNC_DSASP 323787	62.92 0.18 0.00	57.75 0.13 0.00	55.80 0.21 0.00	52.12 0.18 0.00	52.49 0.05 0.00	52.27 0.07 0.00	58.14 0.06 0.00	56.08 0.08 0.00	50.87 0.07 0.00	55.33 0.06 0.00	45.60 0.08 0.00	50.80 0.12 0.00	50.67 0.10 0.00	51.66 0.21 0.00	51.40 0.03 0.00	56.62 0.01 0.00	75.87 -0.41 0.00	49.28 -0.67 0.00	47.79 -0.91 0.00	49.48 -0.44 0.00	50.71 -0.07 0.00	49.52 0.08 0.00	46.98 0.25 0.00	52.47 0.26 0.00

V_CMP_10_SYNC_DSASP 323788	64.22 1.47 0.00	58.99 1.37 0.00	56.92 1.32 0.00	53.31 1.38 0.00	53.78 1.34 0.00	53.48 1.29 0.00	59.63 1.54 0.00	57.32 1.33 0.00	51.90 1.10 0.00	56.43 1.16 0.00	46.41 0.90 0.00	51.52 0.84 0.00	51.85 1.28 0.00	52.90 1.45 0.00	52.63 1.27 0.00	57.78 1.16 0.00	77.23 0.95 0.00	50.18 0.23 0.00	48.73 0.03 0.00	50.14 0.23 0.00	51.24 0.46 0.00	50.20 0.75 0.00	47.51 0.78 0.00	53.07 0.86 0.00
V_D_10_SYNC_DSASP 323841	63.36 0.62 0.00	58.17 0.54 0.00	56.20 0.60 0.00	52.48 0.54 0.00	52.86 0.42 0.00	52.63 0.43 0.00	58.58 0.49 0.00	56.46 0.47 0.00	51.15 0.34 0.00	55.61 0.34 0.00	45.82 0.30 0.00	51.06 0.37 0.00	50.92 0.35 0.00	51.88 0.43 0.00	51.52 0.15 0.00	56.74 0.13 0.00	76.02 -0.26 0.00	49.37 -0.58 0.00	47.94 -0.76 0.00	49.66 -0.25 0.00	50.94 0.16 0.00	49.84 0.40 0.00	47.29 0.55 0.00	52.80 0.59 0.00
V_E_10_SYNC_DSASP 323830	67.60 4.86 0.00	61.77 4.15 0.00	59.38 3.78 0.00	55.18 3.25 0.00	55.79 3.35 0.00	55.67 3.47 0.00	62.39 4.30 0.00	59.69 3.70 0.00	53.80 3.00 0.00	58.21 2.94 0.00	47.23 1.71 0.00	52.49 1.81 0.00	51.81 1.24 0.00	52.46 1.01 0.00	52.00 0.63 0.00	57.15 0.54 0.00	78.43 2.15 0.00	52.11 2.16 0.00	52.90 4.20 0.00	54.71 4.80 0.00	54.89 4.10 0.00	53.08 3.64 0.00	49.65 2.92 0.00	55.18 2.97 0.00
V_F_30_NSYNC___DSASP 323816	64.89 2.15 0.00	59.70 2.08 0.00	57.63 2.03 0.00	53.88 1.95 0.00	54.46 2.02 0.00	54.19 1.99 0.00	60.31 2.22 0.00	57.87 1.87 0.00	52.12 1.31 0.00	56.42 1.15 0.00	46.22 0.70 0.00	51.30 0.62 0.00	51.51 0.94 0.00	52.32 0.87 0.00	52.16 0.79 0.00	57.68 1.07 0.00	78.22 1.93 0.00	51.71 1.76 0.00	50.82 2.13 0.00	51.91 1.99 0.00	52.65 1.87 0.00	51.22 1.78 0.00	48.16 1.42 0.00	53.98 1.76 0.00
V_F_30_SYNC_DSASP 323786	63.01 0.27 0.00	58.03 0.41 0.00	55.99 0.39 0.00	52.38 0.45 0.00	52.95 0.51 0.00	52.71 0.51 0.00	58.60 0.51 0.00	56.38 0.39 0.00	51.19 0.38 0.00	55.53 0.25 0.00	45.79 0.27 0.00	50.80 0.12 0.00	50.91 0.33 0.00	51.66 0.20 0.00	51.55 0.18 0.00	56.90 0.29 0.00	76.88 0.60 0.00	50.71 0.76 0.00	49.60 0.90 0.00	50.51 0.60 0.00	51.14 0.35 0.00	49.68 0.24 0.00	46.84 0.10 0.00	52.46 0.25 0.00
V_XM_10_SYNC_DSASP 323789	64.22 1.47 0.00	58.99 1.37 0.00	56.92 1.32 0.00	53.31 1.38 0.00	53.78 1.34 0.00	53.48 1.29 0.00	59.63 1.54 0.00	57.32 1.33 0.00	51.90 1.10 0.00	56.43 1.16 0.00	46.41 0.90 0.00	51.52 0.84 0.00	51.85 1.28 0.00	52.90 1.45 0.00	52.63 1.27 0.00	57.78 1.16 0.00	77.23 0.95 0.00	50.18 0.23 0.00	48.73 0.03 0.00	50.14 0.23 0.00	51.24 0.46 0.00	50.20 0.75 0.00	47.51 0.78 0.00	53.07 0.86 0.00
W.BABYLN_69_KV_BK1 56697	64.87 2.13 0.00	60.10 2.47 0.00	58.60 3.00 0.00	54.75 2.81 0.00	55.39 2.95 0.00	55.44 3.24 0.00	61.02 2.93 0.00	59.47 3.47 0.00	56.68 4.25 -1.62	59.75 4.48 0.00	53.56 4.27 -3.77	55.13 4.33 -0.12	54.76 4.18 0.00	55.63 4.18 0.00	55.88 4.51 0.00	61.31 4.61 -0.09	84.16 6.41 -1.47	55.98 5.09 -0.95	53.97 5.27 0.00	54.20 4.29 0.00	53.50 2.71 0.00	52.05 2.61 0.00	49.18 2.45 0.00	55.19 2.97 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	64.66 1.92 0.00	59.34 1.72 0.00	57.18 1.58 0.00	53.52 1.59 0.00	54.05 1.61 0.00	53.95 1.75 0.00	59.91 1.82 0.00	58.01 2.02 0.00	49.20 2.39 4.00	58.21 2.94 0.00	41.84 2.76 6.43	53.71 3.03 0.00	53.51 2.94 0.00	54.27 2.82 0.00	54.40 3.04 0.00	59.93 3.31 0.00	81.30 5.02 0.00	53.82 3.87 0.00	52.69 3.99 0.00	53.20 3.28 0.00	53.04 2.26 0.00	51.31 1.87 0.00	48.48 1.75 0.00	54.31 2.10 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	64.77 2.03 0.00	59.44 1.82 0.00	57.29 1.69 0.00	53.56 1.63 0.00	54.09 1.65 0.00	53.99 1.80 0.00	60.04 1.95 0.00	58.17 2.17 0.00	55.07 2.63 -1.64	58.50 3.24 0.00	51.13 2.97 -2.64	53.85 3.17 0.00	53.51 2.94 0.00	54.25 2.80 0.00	54.37 3.01 0.00	59.92 3.31 0.00	81.43 5.15 0.00	53.86 3.92 0.00	52.65 3.95 0.00	53.15 3.23 0.00	52.95 2.16 0.00	51.25 1.80 0.00	48.60 1.87 0.00	54.49 2.28 0.00
W50THST__13_KV_LOAD 356117	65.21 2.47 0.00	59.84 2.22 0.00	57.66 2.07 0.00	53.89 1.96 0.00	54.43 2.00 0.00	54.37 2.18 0.00	60.53 2.44 0.00	58.71 2.72 0.00	55.61 3.17 -1.64	59.13 3.86 0.00	51.68 3.52 -2.64	54.47 3.79 0.00	54.13 3.56 0.00	54.87 3.42 0.00	54.99 3.62 0.00	60.58 3.97 0.00	82.17 5.89 0.00	54.35 4.40 0.00	53.08 4.38 0.00	53.54 3.62 0.00	53.32 2.53 0.00	51.59 2.14 0.00	48.88 2.15 0.00	54.81 2.59 0.00
WADING RIVER_IC_1 23522	63.16 0.42 0.00	58.62 1.00 0.00	57.25 1.65 0.00	53.53 1.60 0.00	54.19 1.75 0.00	54.30 2.11 0.00	59.65 1.57 0.00	58.23 2.24 0.00	55.68 3.25 -1.62	58.58 3.31 0.00	52.63 3.35 -3.77	53.93 3.12 -0.12	53.64 3.07 0.00	54.41 2.97 0.00	54.69 3.32 0.00	60.15 3.23 -0.30	85.58 4.53 -4.78	57.02 3.99 -3.07	52.63 3.93 0.00	52.75 2.84 0.00	52.22 1.44 0.00	51.26 1.82 0.00	48.18 1.45 0.00	53.86 1.65 0.00
WADING RIVER_IC_2 23547	63.16 0.42 0.00	58.62 1.00 0.00	57.25 1.65 0.00	53.53 1.60 0.00	54.19 1.75 0.00	54.30 2.11 0.00	59.65 1.57 0.00	58.23 2.24 0.00	55.68 3.25 -1.62	58.58 3.31 0.00	52.63 3.35 -3.77	53.93 3.12 -0.12	53.64 3.07 0.00	54.41 2.97 0.00	54.69 3.32 0.00	60.15 3.23 -0.30	85.58 4.53 -4.78	57.02 3.99 -3.07	52.63 3.93 0.00	52.75 2.84 0.00	52.22 1.44 0.00	51.26 1.82 0.00	48.18 1.45 0.00	53.86 1.65 0.00
WADING RIVER_IC_3 23601	63.16 0.42 0.00	58.62 1.00 0.00	57.25 1.65 0.00	53.53 1.60 0.00	54.19 1.75 0.00	54.30 2.11 0.00	59.65 1.57 0.00	58.23 2.24 0.00	55.68 3.25 -1.62	58.58 3.31 0.00	52.63 3.35 -3.77	53.93 3.12 -0.12	53.64 3.07 0.00	54.41 2.97 0.00	54.69 3.32 0.00	60.15 3.23 -0.30	85.58 4.53 -4.78	57.02 3.99 -3.07	52.63 3.93 0.00	52.75 2.84 0.00	52.22 1.44 0.00	51.26 1.82 0.00	48.18 1.45 0.00	53.86 1.65 0.00
WALDENNY_12_KV_BK2 80841	64.23 1.49 0.00	58.76 1.13 0.00	56.71 1.11 0.00	52.66 0.72 0.00	53.25 0.82 0.00	52.64 0.44 0.00	58.87 0.79 0.00	56.45 0.45 0.00	51.29 0.48 0.00	55.77 0.50 0.00	46.12 0.61 0.00	51.67 0.99 0.00	51.01 0.44 0.00	52.81 1.37 0.00	52.96 1.60 0.00	58.42 1.80 0.00	78.53 2.25 0.00	51.49 1.54 0.00	49.95 1.26 0.00	50.52 0.60 0.00	51.33 0.54 0.00	49.62 0.18 0.00	47.12 0.39 0.00	52.26 0.05 0.00
WALDEN___HYDRO 24148	64.52 1.78 0.00	59.19 1.57 0.00	57.01 1.41 0.00	53.27 1.34 0.00	53.80 1.37 0.00	53.68 1.48 0.00	59.70 1.62 0.00	57.75 1.76 0.00	52.13 1.96 0.63	57.68 2.41 0.00	46.65 2.14 1.01	53.14 2.45 0.00	52.99 2.42 0.00	53.73 2.28 0.00	53.88 2.51 0.00	59.37 2.76 0.00	80.56 4.28 0.00	53.36 3.41 0.00	52.29 3.59 0.00	52.92 3.00 0.00	52.88 2.09 0.00	51.15 1.71 0.00	48.35 1.61 0.00	54.09 1.87 0.00

WARRENSBURG____ 23737	64.95 2.21 0.00	59.70 2.07 0.00	57.69 2.09 0.00	53.92 1.99 0.00	54.48 2.04 0.00	54.21 2.01 0.00	60.29 2.20 0.00	57.76 1.77 0.00	51.85 1.04 0.00	55.96 0.69 0.00	45.52 0.00 0.00	50.37 -0.32 0.00	50.81 0.24 0.00	51.70 0.25 0.00	51.37 0.00 0.00	56.95 0.34 0.00	77.68 1.40 0.00	51.45 1.50 0.00	50.80 2.11 0.00	51.97 2.06 0.00	52.82 2.03 0.00	51.31 1.87 0.00	48.12 1.39 0.00	54.01 1.80 0.00
WATERSIDE____6 8 9 23538	64.76 2.02 0.00	59.45 1.83 0.00	57.30 1.70 0.00	53.59 1.66 0.00	54.11 1.67 0.00	54.06 1.87 0.00	60.09 2.00 0.00	58.23 2.24 0.00	55.18 2.74 -1.64	58.57 3.30 0.00	51.25 3.09 -2.64	53.87 3.19 0.00	53.51 2.94 0.00	54.24 2.79 0.00	54.37 3.01 0.00	59.91 3.30 0.00	81.26 4.98 0.00	53.76 3.81 0.00	52.53 3.84 0.00	53.05 3.13 0.00	52.86 2.07 0.00	51.21 1.76 0.00	48.56 1.83 0.00	54.48 2.27 0.00
WATKINRD_115KV_LN8_ILLION 55919	63.17 0.43 0.00	58.06 0.44 0.00	55.98 0.38 0.00	52.35 0.41 0.00	52.92 0.49 0.00	52.64 0.44 0.00	58.56 0.48 0.00	56.32 0.32 0.00	50.66 -0.14 0.00	54.79 -0.48 0.00	45.05 -0.47 0.00	50.13 -0.56 0.00	50.10 -0.47 0.00	50.86 -0.58 0.00	50.73 -0.63 0.00	55.89 -0.73 0.00	75.53 -0.75 0.00	49.94 -0.01 0.00	49.21 0.51 0.00	50.47 0.56 0.00	51.19 0.41 0.00	49.80 0.36 0.00	46.97 0.24 0.00	52.54 0.33 0.00
WDELAWARE____HYD 323627	63.67 0.93 0.00	58.37 0.75 0.00	56.21 0.61 0.00	52.54 0.60 0.00	53.07 0.63 0.00	52.95 0.76 0.00	58.92 0.83 0.00	57.00 1.01 0.00	51.49 1.18 0.49	56.74 1.47 0.00	46.06 1.34 0.79	52.22 1.54 0.00	52.09 1.52 0.00	52.84 1.39 0.00	53.00 1.63 0.00	58.41 1.80 0.00	79.35 3.07 0.00	52.61 2.66 0.00	51.61 2.91 0.00	52.24 2.33 0.00	52.28 1.49 0.00	50.53 1.09 0.00	47.71 0.98 0.00	53.33 1.12 0.00
WEST BABYLON____IC 23714	64.87 2.13 0.00	60.10 2.47 0.00	58.60 3.00 0.00	54.75 2.81 0.00	55.39 2.95 0.00	55.44 3.24 0.00	61.02 2.93 0.00	59.47 3.47 0.00	56.68 4.25 -1.62	59.75 4.48 0.00	53.56 4.27 -3.77	55.13 4.33 -0.12	54.76 4.18 0.00	55.63 4.18 0.00	55.88 4.51 0.00	61.31 4.61 -0.09	84.16 6.41 -1.47	55.98 5.09 -0.95	53.97 5.27 0.00	54.20 4.29 0.00	53.50 2.71 0.00	52.05 2.61 0.00	49.18 2.45 0.00	55.19 2.97 0.00
WEST CANADA____HYD 24049	62.74 0.00 0.00	57.67 0.05 0.00	55.61 0.01 0.00	51.98 0.04 0.00	52.49 0.05 0.00	52.25 0.05 0.00	58.14 0.06 0.00	56.04 0.05 0.00	50.80 0.00 0.00	55.23 -0.04 0.00	45.47 -0.05 0.00	50.59 -0.09 0.00	50.52 -0.05 0.00	51.35 -0.09 0.00	51.29 -0.07 0.00	56.53 -0.08 0.00	76.28 0.00 0.00	50.11 0.16 0.00	48.98 0.28 0.00	50.11 0.19 0.00	50.86 0.08 0.00	49.47 0.03 0.00	46.74 0.01 0.00	52.24 0.03 0.00
WESTERN_NY_WIND 24143	65.39 2.65 0.00	59.76 2.14 0.00	57.60 2.00 0.00	53.46 1.52 0.00	54.03 1.60 0.00	53.47 1.27 0.00	59.82 1.73 0.00	57.44 1.44 0.00	52.04 1.23 0.00	56.28 1.01 0.00	46.18 0.67 0.00	51.50 0.82 0.00	51.08 0.50 0.00	52.85 1.40 0.00	53.18 1.81 0.00	59.08 2.46 0.00	78.88 2.60 0.00	52.02 2.07 0.00	50.46 1.77 0.00	51.18 1.27 0.00	51.97 1.19 0.00	50.23 0.78 0.00	47.58 0.85 0.00	52.74 0.52 0.00
WESTOVER____LESR 323668	63.12 0.38 0.00	57.75 0.13 0.00	55.76 0.16 0.00	52.04 0.10 0.00	52.56 0.13 0.00	52.25 0.06 0.00	58.25 0.17 0.00	56.20 0.20 0.00	50.98 0.17 0.00	55.59 0.32 0.00	45.66 0.14 0.00	51.10 0.42 0.00	50.60 0.03 0.00	51.57 0.11 0.00	51.58 0.21 0.00	56.86 0.25 0.00	77.20 0.92 0.00	50.87 0.92 0.00	50.04 1.34 0.00	50.95 1.04 0.00	51.43 0.65 0.00	49.68 0.24 0.00	46.85 0.12 0.00	52.20 -0.01 0.00
WETHRSFD_WT_PWR 323626	56.80 0.45 6.39	51.28 0.15 6.49	52.40 0.44 3.65	50.13 0.24 2.05	50.57 0.31 2.18	48.91 -0.03 3.26	53.85 0.25 4.48	53.26 0.04 2.77	47.96 -0.03 2.81	55.05 -0.03 0.19	44.34 -0.28 0.89	50.72 0.04 0.00	49.90 -0.67 0.00	51.24 -0.11 0.10	51.43 0.14 0.07	56.75 0.38 0.24	77.21 0.93 0.00	51.05 1.10 0.00	49.91 1.22 0.00	50.62 0.71 0.00	50.70 0.50 0.58	48.32 0.06 1.19	45.31 0.14 1.56	50.81 -0.22 1.18
WHAVSTOR_138KV_BK127 55557	64.36 1.62 0.00	59.11 1.49 0.00	56.98 1.38 0.00	53.35 1.41 0.00	53.86 1.42 0.00	53.76 1.57 0.00	59.68 1.60 0.00	57.77 1.77 0.00	48.83 2.22 4.19	57.98 2.71 0.00	41.38 2.59 6.73	53.46 2.78 0.00	53.21 2.64 0.00	53.95 2.51 0.00	54.07 2.71 0.00	59.55 2.94 0.00	80.73 4.45 0.00	53.45 3.50 0.00	52.32 3.62 0.00	52.83 2.92 0.00	52.71 1.92 0.00	51.01 1.56 0.00	48.20 1.47 0.00	54.01 1.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	64.36 1.62 0.00	59.11 1.49 0.00	56.98 1.38 0.00	53.35 1.41 0.00	53.86 1.42 0.00	53.76 1.57 0.00	59.68 1.60 0.00	57.77 1.77 0.00	48.83 2.22 4.19	57.98 2.71 0.00	41.38 2.59 6.73	53.46 2.78 0.00	53.21 2.64 0.00	53.95 2.51 0.00	54.07 2.71 0.00	59.55 2.94 0.00	80.73 4.45 0.00	53.45 3.50 0.00	52.32 3.62 0.00	52.83 2.92 0.00	52.71 1.92 0.00	51.01 1.56 0.00	48.20 1.47 0.00	54.01 1.80 0.00
WHITEHAL_115KV_TB1 80871	66.98 4.24 0.00	61.75 4.13 0.00	59.73 4.13 0.00	55.87 3.93 0.00	56.35 3.91 0.00	55.94 3.74 0.00	62.50 4.42 0.00	59.51 3.51 0.00	52.78 1.97 0.00	56.85 1.58 0.00	46.13 0.61 0.00	50.79 0.11 0.00	52.03 1.46 0.00	52.73 1.29 0.00	52.05 0.68 0.00	57.60 0.99 0.00	78.90 2.62 0.00	52.70 2.75 0.00	51.76 3.06 0.00	53.31 3.39 0.00	54.00 3.22 0.00	52.61 3.16 0.00	49.44 2.71 0.00	55.65 3.44 0.00
WHITEPLN_13_KV_LOAD 356215	65.30 2.56 0.00	59.93 2.31 0.00	57.74 2.14 0.00	53.99 2.05 0.00	54.53 2.09 0.00	54.46 2.27 0.00	60.56 2.48 0.00	58.68 2.69 0.00	55.57 3.01 -1.76	58.91 3.64 0.00	51.68 3.34 -2.83	54.34 3.66 0.00	54.09 3.51 0.00	54.88 3.43 0.00	55.00 3.63 0.00	60.63 4.02 0.00	82.25 5.97 0.00	54.44 4.49 0.00	53.24 4.54 0.00	53.72 3.81 0.00	53.53 2.74 0.00	51.77 2.32 0.00	48.94 2.20 0.00	54.83 2.62 0.00
WM_FLOYD_69_KV_BK2 356380	63.77 1.03 0.00	59.18 1.56 0.00	57.83 2.23 0.00	54.03 2.10 0.00	54.68 2.25 0.00	54.78 2.59 0.00	60.22 2.14 0.00	58.79 2.80 0.00	56.11 3.68 -1.62	59.04 3.77 0.00	52.98 3.69 -3.77	54.34 3.54 -0.12	54.02 3.45 0.00	54.82 3.37 0.00	55.09 3.73 0.00	60.57 3.67 -0.28	85.91 5.14 -4.49	57.20 4.36 -2.89	53.10 4.40 0.00	53.26 3.34 0.00	52.65 1.87 0.00	51.50 2.06 0.00	48.57 1.83 0.00	54.40 2.18 0.00
WOODARD__115KV_TB2 355635	62.18 -0.56 0.00	57.00 -0.62 0.00	54.92 -0.68 0.00	51.26 -0.68 0.00	51.79 -0.65 0.00	51.54 -0.65 0.00	57.45 -0.63 0.00	55.37 -0.62 0.00	50.21 -0.59 0.00	54.60 -0.67 0.00	44.93 -0.59 0.00	50.15 -0.54 0.00	49.97 -0.60 0.00	50.91 -0.54 0.00	50.92 -0.45 0.00	56.15 -0.46 0.00	75.87 -0.41 0.00	49.87 -0.08 0.00	48.79 0.09 0.00	49.80 -0.11 0.00	50.49 -0.30 0.00	48.97 -0.47 0.00	46.23 -0.50 0.00	51.52 -0.69 0.00

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