

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/12/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	51.68	52.87	52.47	45.94	42.64	41.09	42.36	46.33	53.81	50.74	54.74	66.39	77.46	66.84	68.73	60.84	55.17	71.44	85.73	69.55	79.61	66.21	59.39	53.99
24138	1.88	2.37	2.49	2.37	2.40	2.31	2.46	2.42	2.43	2.35	2.19	2.23	2.36	2.85	3.13	3.20	3.44	4.66	4.66	2.96	2.69	1.82	1.82	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-17.15	-22.48	-1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.86	53.00	52.60	46.03	42.71	41.16	42.44	46.42	53.89	50.82	54.86	66.54	77.63	67.06	68.99	61.06	55.37	71.71	86.07	69.85	79.95	66.50	59.63	54.19
24260	2.05	2.50	2.62	2.47	2.46	2.38	2.54	2.51	2.51	2.43	2.31	2.37	2.53	3.07	3.39	3.42	3.63	4.93	5.00	3.26	3.04	2.11	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-17.16	-22.48	-1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.86	53.00	52.60	46.03	42.71	41.16	42.44	46.42	53.89	50.82	54.86	66.54	77.63	67.06	68.99	61.06	55.37	71.71	86.07	69.85	79.95	66.50	59.63	54.19
24261	2.05	2.50	2.62	2.47	2.46	2.38	2.54	2.51	2.51	2.43	2.31	2.37	2.53	3.07	3.39	3.42	3.63	4.93	5.00	3.26	3.04	2.11	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-17.16	-22.48	-1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	52.49	53.50	53.05	46.23	42.82	41.33	42.36	46.25	54.04	50.68	50.86	33.13	34.15	64.01	68.18	60.10	54.76	72.13	87.27	71.16	82.15	67.76	60.56	54.67
24011	2.69	3.00	3.07	2.66	2.58	2.55	2.46	2.35	2.66	2.29	1.74	1.37	1.52	2.12	2.58	2.46	3.02	5.35	6.21	4.57	5.23	3.37	2.99	2.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	15.25	19.99	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	52.84	53.87	53.35	46.48	43.08	41.57	42.52	46.34	54.08	50.72	50.96	33.35	34.55	64.29	68.44	60.31	55.11	72.89	88.03	71.70	82.80	68.11	60.86	54.97
23798	3.04	3.36	3.37	2.92	2.84	2.79	2.62	2.43	2.70	2.33	1.81	1.38	1.64	2.38	2.84	2.67	3.37	6.11	6.96	5.10	5.89	3.72	3.29	2.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59	15.04	19.71	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	52.49	53.50	53.05	46.23	42.82	41.33	42.36	46.25	54.04</															

ALBANY___2 23572	49.60 -0.20 0.00	50.62 0.11 0.00	50.36 0.38 0.00	44.05 0.49 0.00	40.77 0.53 0.00	39.38 0.60 0.00	40.49 0.59 0.00	44.30 0.39 0.00	51.64 0.26 0.00	48.44 0.05 0.00	49.14 -0.27 1.33	34.19 -0.29 12.53	35.38 -0.82 16.42	61.05 -1.02 0.81	64.76 -0.85 0.00	57.10 -0.55 0.00	51.61 -0.13 0.00	67.03 0.25 0.00	80.94 -0.12 0.00	66.07 -0.52 0.00	76.05 -0.87 0.00	63.13 -1.26 0.00	56.53 -1.04 0.00	51.20 -0.90 0.00
ALBANY___3 23573	49.60 -0.20 0.00	50.62 0.11 0.00	50.36 0.38 0.00	44.05 0.49 0.00	40.77 0.53 0.00	39.38 0.60 0.00	40.49 0.59 0.00	44.30 0.39 0.00	51.64 0.26 0.00	48.44 0.05 0.00	49.14 -0.27 1.33	34.19 -0.29 12.53	35.38 -0.82 16.42	61.05 -1.02 0.81	64.76 -0.85 0.00	57.10 -0.55 0.00	51.61 -0.13 0.00	67.03 0.25 0.00	80.94 -0.12 0.00	66.07 -0.52 0.00	76.05 -0.87 0.00	63.13 -1.26 0.00	56.53 -1.04 0.00	51.20 -0.90 0.00
ALBANY___4 23574	49.60 -0.20 0.00	50.62 0.11 0.00	50.36 0.38 0.00	44.05 0.49 0.00	40.77 0.53 0.00	39.38 0.60 0.00	40.49 0.59 0.00	44.30 0.39 0.00	51.64 0.26 0.00	48.44 0.05 0.00	49.14 -0.27 1.33	34.19 -0.29 12.53	35.38 -0.82 16.42	61.05 -1.02 0.81	64.76 -0.85 0.00	57.10 -0.55 0.00	51.61 -0.13 0.00	67.03 0.25 0.00	80.94 -0.12 0.00	66.07 -0.52 0.00	76.05 -0.87 0.00	63.13 -1.26 0.00	56.53 -1.04 0.00	51.20 -0.90 0.00
ALBANY___LFGE 323615	50.23 0.42 0.00	51.24 0.73 0.00	50.95 0.97 0.00	44.54 0.97 0.00	41.24 1.00 0.00	39.82 1.03 0.00	40.93 1.03 0.00	44.79 0.88 0.00	52.23 0.85 0.00	49.02 0.63 0.00	49.64 0.35 1.45	33.60 0.29 13.70	34.56 -0.10 17.95	61.82 -0.17 0.88	65.71 0.11 0.00	57.94 0.30 0.00	52.37 0.63 0.00	68.11 1.33 0.00	82.18 1.11 0.00	67.08 0.49 0.00	77.20 0.28 0.00	64.06 -0.33 0.00	57.34 -0.22 0.00	51.92 -0.17 0.00
ALCOA_PA_115KV_PL-6C 55860	50.53 0.73 0.00	50.86 0.35 0.00	50.13 0.15 0.00	43.54 -0.02 0.00	40.09 -0.15 0.00	38.61 -0.17 0.00	39.73 -0.17 0.00	44.04 0.13 0.00	51.77 0.39 0.00	48.92 0.53 0.00	51.42 0.69 0.00	47.57 0.55 0.00	53.17 0.56 0.00	63.40 0.52 0.00	65.97 0.36 0.00	57.69 0.05 0.00	51.43 -0.31 0.00	65.07 -1.71 0.00	80.35 -0.71 0.00	66.47 -0.12 0.00	77.29 0.37 0.00	65.24 0.86 0.00	58.32 0.75 0.00	52.89 0.79 0.00
ALCOA_RYNLDS___DRP 24188	50.53 0.73 0.00	50.86 0.35 0.00	50.13 0.15 0.00	43.54 -0.02 0.00	40.09 -0.15 0.00	38.61 -0.17 0.00	39.73 -0.17 0.00	44.04 0.13 0.00	51.77 0.39 0.00	48.92 0.53 0.00	51.42 0.69 0.00	47.57 0.55 0.00	53.17 0.56 0.00	63.40 0.52 0.00	65.97 0.36 0.00	57.69 0.05 0.00	51.43 -0.31 0.00	65.07 -1.71 0.00	80.35 -0.71 0.00	66.47 -0.12 0.00	77.29 0.37 0.00	65.24 0.86 0.00	58.32 0.75 0.00	52.89 0.79 0.00
ALCOA___DSASP 323711	50.53 0.73 0.00	50.86 0.35 0.00	50.13 0.15 0.00	43.54 -0.02 0.00	40.09 -0.15 0.00	38.61 -0.17 0.00	39.73 -0.17 0.00	44.04 0.13 0.00	51.77 0.39 0.00	48.92 0.53 0.00	51.42 0.69 0.00	47.57 0.55 0.00	53.17 0.56 0.00	63.40 0.52 0.00	65.97 0.36 0.00	57.69 0.05 0.00	51.43 -0.31 0.00	65.07 -1.71 0.00	80.35 -0.71 0.00	66.47 -0.12 0.00	77.29 0.37 0.00	65.24 0.86 0.00	58.32 0.75 0.00	52.89 0.79 0.00
ALLEGHENY___COGEN 23514	53.50 3.70 0.00	53.77 3.26 0.00	52.64 2.67 0.00	45.51 1.95 0.00	42.04 1.80 0.00	40.44 1.66 0.00	41.64 1.73 0.00	45.60 1.70 0.00	53.83 2.45 0.00	50.80 2.41 0.00	52.97 2.24 0.00	48.70 1.69 0.00	54.21 1.59 0.00	64.23 1.35 0.00	67.15 1.55 0.00	58.80 1.16 0.00	53.36 1.62 0.00	69.65 2.87 0.00	85.84 4.78 0.00	71.67 5.07 0.00	82.66 5.74 0.00	69.52 5.13 0.00	61.78 4.21 0.00	56.69 4.59 0.00
ALTAMONT_115KV_TB 2 55880	50.10 0.30 0.00	51.12 0.62 0.00	50.82 0.85 0.00	44.43 0.87 0.00	41.12 0.88 0.00	39.70 0.91 0.00	40.81 0.91 0.00	44.68 0.78 0.00	52.08 0.70 0.00	48.82 0.44 0.00	50.10 0.23 0.86	39.06 0.21 8.16	41.95 0.03 10.70	62.35 0.00 0.53	65.80 0.20 0.00	58.03 0.39 0.00	52.38 0.63 0.00	68.02 1.24 0.00	82.23 1.17 0.00	67.18 0.58 0.00	77.35 0.43 0.00	64.31 -0.08 0.00	57.59 0.02 0.00	52.15 0.06 0.00
ALTONA_WT_PWR 323606	49.91 0.11 0.00	50.49 -0.02 0.00	49.75 -0.22 0.00	43.24 -0.33 0.00	39.81 -0.43 0.00	38.36 -0.43 0.00	39.46 -0.44 0.00	43.74 -0.17 0.00	51.35 -0.03 0.00	48.49 0.10 0.00	50.74 0.01 0.00	46.96 -0.05 0.00	52.51 -0.10 0.00	62.69 -0.19 0.00	65.22 -0.39 0.00	56.95 -0.69 0.00	50.67 -1.07 0.00	64.70 -2.08 0.00	79.34 -1.73 0.00	65.31 -1.29 0.00	75.93 -0.99 0.00	63.86 -0.53 0.00	57.03 -0.55 0.00	51.61 -0.48 0.00
AMERICAN_REF_FUEL 24010	50.08 0.27 0.00	50.45 -0.06 0.00	49.42 -0.56 0.00	42.64 -0.92 0.00	39.34 -0.90 0.00	37.87 -0.91 0.00	38.79 -1.12 0.00	42.13 -1.77 0.00	50.02 -1.35 0.00	47.98 -0.41 0.00	51.41 0.68 0.00	47.51 0.50 0.00	53.86 1.24 0.00	63.92 1.03 0.00	66.20 0.59 0.00	57.61 -0.04 0.00	51.87 0.13 0.00	67.78 1.00 0.00	82.31 1.24 0.00	67.13 0.53 0.00	77.34 0.43 0.00	65.46 1.07 0.00	58.76 1.19 0.00	53.14 1.05 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.91 2.11 0.00	51.65 1.15 0.00	50.23 0.26 0.00	43.69 0.12 0.00	40.71 0.46 0.00	39.39 0.61 0.00	40.18 0.28 0.00	43.54 -0.37 0.00	51.67 0.29 0.00	49.86 1.48 0.00	53.45 2.72 0.00	49.38 2.36 0.00	55.56 2.94 0.00	65.99 3.12 0.00	68.36 2.76 0.00	59.54 1.90 0.00	54.08 2.34 0.00	71.18 4.40 0.00	86.65 5.58 0.00	70.85 4.26 0.00	81.45 4.53 0.00	68.65 4.27 0.00	61.20 3.63 0.00	54.61 2.52 0.00
ARTHUR KILL_GT_1 23520	51.43 1.63 0.00	52.06 1.83 0.27	51.12 1.92 0.78	45.71 2.15 0.00	42.41 2.17 0.00	40.89 2.11 0.00	42.14 2.24 0.00	45.98 2.07 0.00	53.11 1.82 0.08	50.23 1.84 0.00	54.00 1.45 -1.81	65.72 1.56 -17.15	76.66 1.57 -22.48	65.94 1.95 -1.11	67.85 2.25 0.00	60.16 2.52 0.00	54.65 2.91 0.00	70.72 3.94 0.00	84.89 3.83 0.00	68.89 2.29 0.00	78.84 1.92 0.00	65.59 1.20 0.00	58.98 1.40 0.00	53.72 1.63 0.00
ARTHUR_KILL_2 23512	51.21 1.41 0.00	51.85 1.61 0.27	50.91 1.72 0.78	45.56 1.99 0.00	42.27 2.03 0.00	40.75 1.97 0.00	42.00 2.10 0.00	45.83 1.92 0.00	52.92 1.62 0.09	50.04 1.65 0.00	53.82 1.27 -1.81	65.58 1.42 -17.15	76.46 1.37 -22.48	65.68 1.69 -1.11	67.60 2.00 0.00	59.93 2.28 0.00	54.44 2.70 0.00	70.42 3.64 0.00	84.49 3.42 0.00	68.56 1.97 0.00	78.46 1.55 0.00	65.29 0.90 0.00	58.72 1.15 0.00	53.50 1.40 0.00
ARTHUR_KILL_3 23513	51.06 1.25 0.00	51.92 1.69 0.28	51.03 1.84 0.78	45.41 1.84 0.00	42.15 1.91 0.00	40.63 1.84 0.00	41.87 1.96 0.00	45.76 1.85 0.00	52.98 1.69 0.08	50.07 1.68 0.00	53.99 1.44 -1.82	65.74 1.58 -17.16	76.73 1.63 -22.48	65.99 2.00 -1.11	67.87 2.27 0.00	60.12 2.48 0.00	54.54 2.80 0.00	70.60 3.82 0.00	84.69 3.62 0.00	68.74 2.15 0.00	78.66 1.74 0.00	65.45 1.06 0.00	58.77 1.20 0.00	53.42 1.33 0.00

ARTHUR_KILL_COGEN 323718	51.42 1.62 0.00	52.04 1.81 0.27	51.10 1.91 0.78	45.72 2.15 0.00	42.41 2.17 0.00	40.89 2.11 0.00	42.14 2.24 0.00	45.98 2.07 0.00	53.11 1.82 0.09	50.23 1.84 0.00	54.01 1.46 -1.81	65.75 1.59 -17.15	76.67 1.58 -22.48	65.93 1.94 -1.11	67.85 2.25 0.00	60.16 2.51 0.00	54.66 2.92 0.00	70.73 3.95 0.00	84.87 3.81 0.00	68.88 2.28 0.00	78.81 1.89 0.00	65.59 1.21 0.00	58.98 1.42 0.00	53.72 1.62 0.00
ASHOKAN____ 23654	51.83 2.03 0.00	52.79 2.28 0.00	52.38 2.40 0.00	45.75 2.19 0.00	42.35 2.11 0.00	40.87 2.09 0.00	42.08 2.18 0.00	46.12 2.21 0.00	53.69 2.31 0.00	50.49 2.10 0.00	52.64 1.90 0.00	49.36 2.35 0.00	55.52 2.91 0.00	66.36 3.48 0.00	69.19 3.59 0.00	61.08 3.44 0.00	55.11 3.37 0.00	71.85 5.07 0.00	86.96 5.89 0.00	70.70 4.11 0.00	81.12 4.20 0.00	67.25 2.86 0.00	60.06 2.49 0.00	54.27 2.18 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.44 1.63 0.00	52.56 2.05 0.00	52.16 2.19 0.00	45.68 2.11 0.00	42.42 2.17 0.00	40.89 2.11 0.00	42.15 2.24 0.00	45.99 2.08 0.00	53.29 1.92 0.00	50.28 1.89 0.00	54.20 1.65 -1.82	65.88 1.72 -17.16	77.03 1.86 -22.56	66.27 2.28 -1.11	68.16 2.56 0.00	60.40 2.72 -0.03	55.24 3.02 -0.49	71.66 4.06 -0.81	86.01 3.96 -0.99	68.99 2.39 0.00	78.95 2.03 -0.01	65.67 1.28 -0.01	59.05 1.48 -0.01	53.82 1.72 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.44 1.63 0.00	52.56 2.05 0.00	52.16 2.19 0.00	45.68 2.11 0.00	42.42 2.17 0.00	40.89 2.11 0.00	42.15 2.24 0.00	45.99 2.08 0.00	53.29 1.92 0.00	50.28 1.89 0.00	54.20 1.65 -1.82	65.88 1.72 -17.16	77.03 1.85 -22.56	66.27 2.28 -1.11	68.16 2.56 0.00	60.40 2.72 -0.03	55.24 3.02 -0.49	71.66 4.06 -0.81	86.01 3.96 -0.99	68.99 2.39 0.00	78.95 2.03 -0.01	65.67 1.28 -0.01	59.05 1.48 -0.01	53.82 1.72 -0.01
ASTORIA_GT2_1 24094	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT2_2 24095	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT2_3 24096	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT2_4 24097	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT3_1 24098	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT3_2 24099	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT3_3 24100	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT3_4 24101	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT4_1 24102	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT4_2 24103	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT4_3 24104	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00

ASTORIA_GT4_4 24105	51.46 1.66 0.00	52.59 2.08 0.00	52.20 2.22 0.00	45.71 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	45.99 2.08 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.91 1.74 -17.16	77.05 1.87 -22.56	66.30 2.31 -1.11	68.20 2.59 0.00	60.43 2.76 -0.03	55.27 3.05 -0.48	71.71 4.11 -0.81	86.07 4.02 -0.98	69.04 2.44 0.00	79.00 2.09 0.00	65.70 1.31 0.00	59.07 1.50 0.00	53.84 1.75 0.00
ASTORIA_GT_1 23523	51.59 1.79 0.00	52.71 2.20 0.00	52.32 2.34 0.00	45.81 2.24 0.00	42.52 2.28 0.00	40.99 2.21 0.00	42.26 2.36 0.00	46.10 2.19 0.00	53.45 2.08 0.00	50.42 2.03 0.00	54.36 1.81 -1.82	66.04 1.87 -17.16	77.20 2.02 -22.56	66.48 2.49 -1.11	68.38 2.78 0.00	60.59 2.92 -0.03	55.41 3.19 -0.48	71.90 4.30 -0.81	86.29 4.24 -0.98	69.21 2.61 0.00	79.20 2.28 0.00	65.89 1.50 0.00	59.22 1.65 0.00	53.97 1.88 0.00
ASTORIA_GT_10 24110	51.28 1.48 0.00	52.49 1.98 0.00	52.09 2.12 0.00	45.65 2.08 0.00	42.37 2.12 0.00	40.84 2.05 0.00	42.09 2.19 0.00	45.98 2.08 0.00	53.34 1.96 0.00	50.27 1.88 0.00	54.18 1.63 -1.82	65.90 1.73 -17.16	76.89 1.79 -22.48	66.13 2.14 -1.11	68.01 2.40 0.00	60.24 2.60 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.84 3.77 0.00	68.83 2.24 0.00	78.77 1.85 0.00	65.52 1.13 0.00	58.85 1.28 0.00	53.55 1.46 0.00
ASTORIA_GT_11 24225	51.28 1.48 0.00	52.49 1.98 0.00	52.09 2.12 0.00	45.65 2.08 0.00	42.37 2.12 0.00	40.84 2.05 0.00	42.09 2.19 0.00	45.98 2.08 0.00	53.34 1.96 0.00	50.27 1.88 0.00	54.18 1.63 -1.82	65.90 1.73 -17.16	76.89 1.79 -22.48	66.13 2.14 -1.11	68.01 2.40 0.00	60.24 2.60 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.84 3.77 0.00	68.83 2.24 0.00	78.77 1.85 0.00	65.52 1.13 0.00	58.85 1.28 0.00	53.55 1.46 0.00
ASTORIA_GT_12 24226	51.28 1.48 0.00	52.49 1.98 0.00	52.09 2.12 0.00	45.65 2.08 0.00	42.37 2.12 0.00	40.84 2.05 0.00	42.09 2.19 0.00	45.98 2.08 0.00	53.34 1.96 0.00	50.27 1.88 0.00	54.18 1.63 -1.82	65.90 1.73 -17.16	76.89 1.79 -22.48	66.13 2.14 -1.11	68.01 2.40 0.00	60.24 2.60 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.84 3.77 0.00	68.83 2.24 0.00	78.77 1.85 0.00	65.52 1.13 0.00	58.85 1.28 0.00	53.55 1.46 0.00
ASTORIA_GT_13 24227	51.28 1.48 0.00	52.49 1.98 0.00	52.09 2.12 0.00	45.65 2.08 0.00	42.37 2.12 0.00	40.84 2.05 0.00	42.09 2.19 0.00	45.98 2.08 0.00	53.34 1.96 0.00	50.27 1.88 0.00	54.18 1.63 -1.82	65.90 1.73 -17.16	76.89 1.79 -22.48	66.13 2.14 -1.11	68.01 2.40 0.00	60.24 2.60 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.84 3.77 0.00	68.83 2.24 0.00	78.77 1.85 0.00	65.52 1.13 0.00	58.85 1.28 0.00	53.55 1.46 0.00
ASTORIA_GT_5 24106	51.59 1.79 0.00	52.71 2.20 0.00	52.32 2.34 0.00	45.81 2.24 0.00	42.52 2.28 0.00	40.99 2.21 0.00	42.26 2.36 0.00	46.10 2.19 0.00	53.45 2.08 0.00	50.42 2.03 0.00	54.36 1.81 -1.82	66.04 1.87 -17.16	77.20 2.02 -22.56	66.48 2.49 -1.11	68.38 2.78 0.00	60.59 2.92 -0.03	55.41 3.19 -0.48	71.90 4.30 -0.81	86.29 4.24 -0.98	69.21 2.61 0.00	79.20 2.28 0.00	65.89 1.50 0.00	59.22 1.65 0.00	53.97 1.88 0.00
ASTORIA_GT_7 24107	51.59 1.79 0.00	52.71 2.20 0.00	52.32 2.34 0.00	45.81 2.24 0.00	42.52 2.28 0.00	40.99 2.21 0.00	42.26 2.36 0.00	46.10 2.19 0.00	53.45 2.08 0.00	50.42 2.03 0.00	54.36 1.81 -1.82	66.04 1.87 -17.16	77.20 2.02 -22.56	66.48 2.49 -1.11	68.38 2.78 0.00	60.59 2.92 -0.03	55.41 3.19 -0.48	71.90 4.30 -0.81	86.29 4.24 -0.98	69.21 2.61 0.00	79.20 2.28 0.00	65.89 1.50 0.00	59.22 1.65 0.00	53.97 1.88 0.00
ASTORIA_GT_8 24108	51.59 1.79 0.00	52.71 2.20 0.00	52.32 2.34 0.00	45.81 2.24 0.00	42.52 2.28 0.00	40.99 2.21 0.00	42.26 2.36 0.00	46.10 2.19 0.00	53.45 2.08 0.00	50.42 2.03 0.00	54.36 1.81 -1.82	66.04 1.87 -17.16	77.20 2.02 -22.56	66.48 2.49 -1.11	68.38 2.78 0.00	60.59 2.92 -0.03	55.41 3.19 -0.48	71.90 4.30 -0.81	86.29 4.24 -0.98	69.21 2.61 0.00	79.20 2.28 0.00	65.89 1.50 0.00	59.22 1.65 0.00	53.97 1.88 0.00
ASTORIA___2 24149	51.47 1.66 0.00	52.59 2.08 0.00	52.19 2.21 0.00	45.71 2.14 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	46.00 2.09 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.23 1.68 -1.82	65.92 1.76 -17.16	77.06 1.88 -22.56	66.29 2.31 -1.11	68.19 2.58 0.00	60.43 2.76 -0.03	55.27 3.04 -0.49	71.69 4.10 -0.81	86.05 4.00 -0.99	69.03 2.43 0.00	79.01 2.09 -0.01	65.71 1.31 -0.01	59.07 1.49 -0.01	53.85 1.75 -0.01
ASTORIA___3 23516	51.28 1.48 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.64 2.08 0.00	42.36 2.12 0.00	40.83 2.05 0.00	42.09 2.19 0.00	45.99 2.08 0.00	53.33 1.96 0.00	50.27 1.88 0.00	54.19 1.64 -1.82	65.91 1.74 -17.16	76.90 1.80 -22.48	66.12 2.14 -1.11	68.01 2.40 0.00	60.24 2.59 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.81 3.74 0.00	68.83 2.23 0.00	78.76 1.85 0.00	65.53 1.14 0.00	58.85 1.28 0.00	53.55 1.45 0.00
ASTORIA___4 23517	51.28 1.48 0.00	52.49 1.98 0.00	52.09 2.12 0.00	45.65 2.08 0.00	42.36 2.12 0.00	40.84 2.05 0.00	42.09 2.19 0.00	45.98 2.08 0.00	53.34 1.96 0.00	50.27 1.88 0.00	54.18 1.63 -1.82	65.90 1.73 -17.16	76.89 1.79 -22.48	66.13 2.14 -1.11	68.01 2.40 0.00	60.24 2.60 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.83 3.76 0.00	68.83 2.24 0.00	78.77 1.85 0.00	65.52 1.13 0.00	58.85 1.28 0.00	53.55 1.46 0.00
ASTORIA___5 23518	51.28 1.48 0.00	52.48 1.98 0.00	52.09 2.12 0.00	45.64 2.08 0.00	42.36 2.12 0.00	40.83 2.05 0.00	42.09 2.19 0.00	45.99 2.08 0.00	53.33 1.96 0.00	50.27 1.88 0.00	54.19 1.64 -1.82	65.91 1.74 -17.16	76.90 1.80 -22.48	66.12 2.14 -1.11	68.01 2.40 0.00	60.24 2.59 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.82 3.75 0.00	68.83 2.23 0.00	78.77 1.85 0.00	65.53 1.14 0.00	58.85 1.28 0.00	53.55 1.45 0.00
AST_ENERGY_2_CC3 323677	51.27 1.47 0.00	52.41 1.90 0.00	52.01 2.03 0.00	45.54 1.97 0.00	42.25 2.01 0.00	40.73 1.95 0.00	41.97 2.07 0.00	45.90 1.99 0.00	53.25 1.88 0.00	50.21 1.82 0.00	54.20 1.65 -1.82	65.90 1.73 -17.16	76.91 1.82 -22.48	66.21 2.22 -1.11	68.10 2.49 0.00	60.29 2.65 0.00	54.67 2.93 0.00	70.79 4.00 0.00	84.94 3.88 0.00	68.97 2.37 0.00	78.94 2.02 0.00	65.66 1.27 0.00	58.93 1.36 0.00	53.57 1.47 0.00
AST_ENERGY_2_CC4 323678	51.27 1.47 0.00	52.41 1.90 0.00	52.01 2.03 0.00	45.54 1.97 0.00	42.25 2.01 0.00	40.73 1.95 0.00	41.97 2.07 0.00	45.90 1.99 0.00	53.25 1.88 0.00	50.21 1.82 0.00	54.20 1.65 -1.82	65.90 1.73 -17.16	76.91 1.82 -22.48	66.21 2.22 -1.11	68.10 2.49 0.00	60.29 2.65 0.00	54.67 2.93 0.00	70.79 4.00 0.00	84.94 3.88 0.00	68.97 2.37 0.00	78.94 2.02 0.00	65.66 1.27 0.00	58.93 1.36 0.00	53.57 1.47 0.00

ATHENS_STG_1 23668	50.23 0.42 0.00	51.34 0.83 0.00	51.09 1.11 0.00	44.69 1.13 0.00	41.38 1.14 0.00	39.93 1.15 0.00	41.08 1.17 0.00	44.95 1.04 0.00	52.27 0.90 0.00	49.01 0.62 0.00	51.91 0.43 -0.74	54.49 0.48 -6.99	62.22 0.44 -9.17	63.90 0.57 -0.45	66.36 0.76 0.00	58.54 0.90 0.00	52.95 1.21 0.00	68.62 1.84 0.00	82.73 1.66 0.00	67.49 0.89 0.00	77.61 0.70 0.00	64.51 0.12 0.00	57.82 0.25 0.00	52.42 0.33 0.00
ATHENS_STG_2 23670	50.23 0.42 0.00	51.34 0.83 0.00	51.09 1.11 0.00	44.69 1.13 0.00	41.38 1.14 0.00	39.93 1.15 0.00	41.08 1.17 0.00	44.95 1.04 0.00	52.27 0.90 0.00	49.01 0.62 0.00	51.91 0.43 -0.74	54.49 0.48 -6.99	62.22 0.44 -9.17	63.90 0.57 -0.45	66.36 0.76 0.00	58.54 0.90 0.00	52.95 1.21 0.00	68.62 1.84 0.00	82.73 1.66 0.00	67.49 0.89 0.00	77.61 0.70 0.00	64.51 0.12 0.00	57.82 0.25 0.00	52.42 0.33 0.00
ATHENS_STG_3 23677	50.23 0.42 0.00	51.34 0.83 0.00	51.09 1.11 0.00	44.69 1.13 0.00	41.38 1.14 0.00	39.93 1.15 0.00	41.08 1.17 0.00	44.95 1.04 0.00	52.27 0.90 0.00	49.01 0.62 0.00	51.91 0.43 -0.74	54.49 0.48 -6.99	62.22 0.44 -9.17	63.90 0.57 -0.45	66.36 0.76 0.00	58.54 0.90 0.00	52.95 1.21 0.00	68.62 1.84 0.00	82.73 1.66 0.00	67.49 0.89 0.00	77.61 0.70 0.00	64.51 0.12 0.00	57.82 0.25 0.00	52.42 0.33 0.00
AUBURN___LFGE 323710	51.71 0.76 -1.15	51.94 0.78 -0.66	51.01 0.40 -0.64	44.07 0.40 -0.10	40.69 0.45 0.00	39.18 0.39 0.00	40.27 0.37 0.00	44.13 0.09 -0.13	52.47 0.40 -0.69	49.07 0.50 -0.18	51.61 0.69 -0.18	47.61 0.60 0.00	53.61 0.85 -0.15	64.17 0.93 -0.36	66.94 1.08 -0.26	58.66 1.02 0.00	52.92 1.18 0.00	68.99 2.02 -0.19	86.58 2.80 -2.72	70.25 2.50 -1.15	80.18 2.84 -0.42	66.93 2.29 -0.25	59.64 1.80 -0.26	53.59 1.37 -0.12
BABYLON_RES_REC 323704	41.12 1.07 9.76	52.82 2.31 0.00	52.63 2.66 0.00	46.05 2.48 0.00	42.65 2.41 0.00	41.03 2.25 0.00	42.41 2.50 0.00	46.38 2.47 0.00	53.42 2.04 0.00	50.08 1.69 0.00	54.92 2.37 -1.82	66.60 2.42 -17.16	76.88 1.95 -22.31	65.51 1.78 -0.85	65.78 2.14 1.97	32.99 2.18 26.83	34.70 2.54 19.59	32.49 3.50 37.79	37.69 3.37 46.75	32.48 2.05 36.16	38.56 1.66 40.01	34.31 1.02 31.09	34.53 0.89 23.92	53.77 1.67 0.00
BALL_HILL_WT_PWR 323825	51.29 1.49 0.00	51.47 0.96 0.00	50.32 0.34 0.00	43.41 -0.16 0.00	40.27 0.03 0.00	38.85 0.07 0.00	39.78 -0.12 0.00	43.20 -0.71 0.00	51.24 -0.14 0.00	49.27 0.89 0.00	52.79 2.05 0.00	48.82 1.81 0.00	55.15 2.54 0.00	65.54 2.66 0.00	67.95 2.35 0.00	59.24 1.60 0.00	53.51 1.77 0.00	70.19 3.41 0.00	85.36 4.29 0.00	69.81 3.21 0.00	80.37 3.45 0.00	67.77 3.38 0.00	60.55 2.97 0.00	54.41 2.32 0.00
BARON_WINDS___WT_PWR 323822	50.35 0.54 0.00	50.80 0.29 0.00	49.76 -0.22 0.00	43.07 -0.49 0.00	39.90 -0.34 0.00	38.29 -0.49 0.00	39.42 -0.49 0.00	43.20 -0.71 0.00	50.93 -0.44 0.00	48.43 0.04 0.00	51.22 0.49 0.00	47.29 0.28 0.00	53.29 0.67 0.00	63.42 0.53 0.00	66.12 0.51 0.00	57.83 0.19 0.00	52.19 0.45 0.00	68.39 1.61 0.00	83.40 2.33 0.00	68.66 2.06 0.00	79.23 2.31 0.00	65.97 1.58 0.00	58.53 0.96 0.00	52.60 0.51 0.00
BARRETT_IC_1 23704	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_10 23701	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	71.45 1.51 -17.33	65.49 1.50 -1.11	67.62 1.86 -0.16	60.22 1.91 -0.67	24.15 2.17 29.76	20.24 2.96 49.50	24.09 2.83 59.80	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_11 23702	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	71.45 1.51 -17.33	65.49 1.50 -1.11	67.62 1.86 -0.16	60.22 1.91 -0.67	24.15 2.17 29.76	20.24 2.96 49.50	24.09 2.83 59.80	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_12 23703	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	71.45 1.51 -17.33	65.49 1.50 -1.11	67.62 1.86 -0.16	60.22 1.91 -0.67	24.15 2.17 29.76	20.24 2.96 49.50	24.09 2.83 59.80	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_2 23705	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_3 23706	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_4 23707	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_5 23708	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00

BARRETT_IC_6 23709	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_7 23710	51.69 0.85 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.12 1.75 0.00	49.89 1.50 0.00	54.46 1.91 -1.82	66.08 1.91 -17.16	77.04 1.49 -22.93	65.49 1.50 -1.11	67.63 1.87 -0.16	62.57 1.92 -3.01	58.62 2.21 -4.66	78.23 3.09 -8.35	94.22 2.93 -10.22	72.10 1.66 -3.84	82.36 1.19 -4.25	68.28 0.59 -3.30	60.66 0.55 -2.54	53.42 1.33 0.00
BARRETT_IC_8 23711	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT_IC_9 23700	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	71.45 1.51 -17.33	65.49 1.50 -1.11	67.62 1.86 -0.16	60.22 1.91 -0.67	24.15 2.17 29.76	20.24 2.96 49.50	24.09 2.83 59.80	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT___1 23545	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	77.05 1.51 -22.93	65.49 1.50 -1.11	67.62 1.86 -0.16	62.56 1.91 -3.01	58.58 2.17 -4.66	78.09 2.96 -8.35	94.11 2.83 -10.22	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BARRETT___2 23546	51.68 0.84 -1.04	52.45 1.95 0.00	52.21 2.23 0.00	45.68 2.11 0.00	42.30 2.06 0.00	40.73 1.95 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.11 1.74 0.00	49.89 1.50 0.00	54.47 1.91 -1.82	66.08 1.90 -17.16	71.45 1.51 -17.33	65.49 1.50 -1.11	67.62 1.86 -0.16	60.22 1.91 -0.67	24.15 2.17 29.76	20.24 2.96 49.50	24.09 2.83 59.80	72.07 1.63 -3.84	82.32 1.16 -4.25	68.27 0.58 -3.30	60.63 0.52 -2.54	53.43 1.34 0.00
BATAVIA__115KV_TB1 55881	52.02 2.22 0.00	52.32 1.82 0.00	51.25 1.27 0.00	44.25 0.68 0.00	40.83 0.60 0.00	39.33 0.55 0.00	40.36 0.45 0.00	43.95 0.04 0.00	52.08 0.70 0.00	49.73 1.34 0.00	52.84 2.10 0.00	48.87 1.85 0.00	55.48 2.86 0.00	66.24 3.37 0.00	68.76 3.16 0.00	60.10 2.46 0.00	54.29 2.55 0.00	71.15 4.37 0.00	87.03 5.96 0.00	70.97 4.37 0.00	81.87 4.96 0.00	69.08 4.69 0.00	61.71 4.14 0.00	55.56 3.46 0.00
BAYONEEC___CTG1 323682	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG10 323750	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG2 323683	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG3 323684	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG4 323685	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG5 323686	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG6 323687	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG7 323688	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00

BAYONEEC___CTG8 323689	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BAYONEEC___CTG9 323749	51.34 1.53 0.00	52.48 1.98 0.00	52.09 2.11 0.00	45.62 2.05 0.00	42.33 2.09 0.00	40.80 2.02 0.00	42.04 2.14 0.00	45.96 2.05 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.27 1.72 -1.82	65.95 1.78 -17.16	76.96 1.87 -22.48	66.26 2.27 -1.11	68.15 2.55 0.00	60.34 2.70 0.00	54.72 2.98 0.00	70.85 4.07 0.00	85.03 3.96 0.00	69.02 2.42 0.00	79.00 2.09 0.00	65.72 1.33 0.00	58.99 1.42 0.00	53.62 1.53 0.00
BEACON___LESR 323632	50.14 0.33 0.00	51.18 0.67 0.00	50.91 0.93 0.00	44.50 0.93 0.00	41.19 0.95 0.00	39.82 1.03 0.00	40.92 1.02 0.00	44.77 0.86 0.00	52.34 0.96 0.00	49.05 0.67 0.00	49.75 0.42 1.41	34.01 0.33 13.33	35.16 0.02 17.47	62.07 0.05 0.86	65.97 0.37 0.00	58.02 0.38 0.00	52.48 0.74 0.00	68.32 1.54 0.00	82.55 1.48 0.00	67.30 0.70 0.00	77.38 0.47 0.00	64.13 -0.26 0.00	57.38 -0.19 0.00	51.90 -0.19 0.00
BEAVER RIVER___HYD 24048	53.37 2.74 -0.83	53.41 2.43 -0.48	52.47 2.04 -0.46	45.27 1.63 -0.08	41.48 1.23 0.00	40.10 1.32 0.00	41.23 1.33 0.00	45.31 1.30 -0.09	53.36 1.49 -0.50	50.03 1.52 -0.13	52.59 1.72 -0.13	48.39 1.38 0.00	54.28 1.57 -0.11	65.22 2.09 -0.26	67.86 2.07 -0.19	59.36 1.72 0.00	53.67 1.93 0.00	69.71 2.79 -0.14	87.90 4.88 -1.95	72.03 4.61 -0.83	83.09 5.87 -0.30	68.96 4.39 -0.18	61.07 3.31 -0.19	54.45 2.27 -0.09
BEEBEE_GT_13 23619	51.09 1.29 0.00	51.57 1.06 0.00	50.66 0.69 0.00	43.88 0.31 0.00	40.50 0.26 0.00	39.00 0.21 0.00	40.07 0.17 0.00	43.77 -0.13 0.00	51.71 0.33 0.00	49.26 0.87 0.00	52.26 1.53 0.00	48.51 1.50 0.00	54.86 2.24 0.00	65.55 2.67 0.00	68.36 2.76 0.00	59.86 2.22 0.00	54.01 2.27 0.00	70.53 3.75 0.00	85.78 4.71 0.00	70.07 3.48 0.00	80.52 3.61 0.00	67.63 3.25 0.00	60.36 2.80 0.00	54.43 2.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.97 2.16 0.00	53.01 2.51 0.00	52.58 2.60 0.00	46.12 2.56 0.00	42.78 2.53 0.00	41.23 2.45 0.00	42.50 2.60 0.00	46.42 2.51 0.00	53.84 2.47 0.00	50.83 2.45 0.00	54.80 2.25 -1.82	66.49 2.33 -17.16	77.53 2.43 -22.48	66.92 2.93 -1.11	68.86 3.26 0.00	61.00 3.36 0.00	55.34 3.60 0.00	71.63 4.85 0.00	85.95 4.89 0.00	69.71 3.12 0.00	79.79 2.87 0.00	66.40 2.01 0.00	59.68 2.11 0.00	54.28 2.19 0.00
BETHLEHEM___GRP 23843	49.60 -0.20 0.00	50.62 0.11 0.00	50.36 0.38 0.00	44.05 0.49 0.00	40.77 0.53 0.00	39.38 0.60 0.00	40.49 0.59 0.00	44.30 0.39 0.00	51.64 0.26 0.00	48.44 0.05 0.00	49.14 -0.27 1.33	34.19 -0.29 12.53	35.38 -0.82 16.42	61.05 -1.02 0.81	64.76 -0.85 0.00	57.10 -0.55 0.00	51.61 -0.13 0.00	67.03 0.25 0.00	80.94 -0.12 0.00	66.07 -0.52 0.00	76.05 -0.87 0.00	63.13 -1.26 0.00	56.53 -1.04 0.00	51.20 -0.90 0.00
BETHLEHEM___GS1 323560	49.60 -0.20 0.00	50.62 0.11 0.00	50.36 0.38 0.00	44.05 0.49 0.00	40.77 0.53 0.00	39.38 0.60 0.00	40.49 0.58 0.00	44.30 0.40 0.00	51.64 0.26 0.00	48.44 0.05 0.00	49.14 -0.27 1.33	34.18 -0.30 12.53	35.38 -0.82 16.42	61.05 -1.02 0.81	64.76 -0.85 0.00	57.10 -0.55 0.00	51.61 -0.13 0.00	67.03 0.25 0.00	80.94 -0.12 0.00	66.07 -0.52 0.00	76.05 -0.86 0.00	63.13 -1.27 0.00	56.53 -1.04 0.00	51.20 -0.90 0.00
BETHLEHEM___GS2 323561	49.60 -0.20 0.00	50.62 0.11 0.00	50.36 0.38 0.00	44.05 0.49 0.00	40.77 0.53 0.00	39.38 0.60 0.00	40.49 0.58 0.00	44.30 0.40 0.00	51.64 0.26 0.00	48.44 0.05 0.00	49.14 -0.27 1.33	34.18 -0.30 12.53	35.38 -0.82 16.42	61.05 -1.02 0.81	64.76 -0.85 0.00	57.10 -0.55 0.00	51.61 -0.13 0.00	67.03 0.25 0.00	80.94 -0.12 0.00	66.07 -0.52 0.00	76.05 -0.86 0.00	63.13 -1.27 0.00	56.53 -1.04 0.00	51.20 -0.90 0.00
BETHLEHEM___GS3 323562	49.60 -0.20 0.00	50.62 0.11 0.00	50.36 0.38 0.00	44.05 0.49 0.00	40.77 0.53 0.00	39.38 0.60 0.00	40.49 0.58 0.00	44.30 0.40 0.00	51.64 0.26 0.00	48.44 0.05 0.00	49.14 -0.27 1.33	34.18 -0.30 12.53	35.38 -0.82 16.42	61.05 -1.02 0.81	64.76 -0.85 0.00	57.10 -0.55 0.00	51.61 -0.13 0.00	67.03 0.25 0.00	80.94 -0.12 0.00	66.07 -0.52 0.00	76.05 -0.86 0.00	63.13 -1.27 0.00	56.53 -1.04 0.00	51.20 -0.90 0.00
BETHLEHEM___STEEL 23779	51.11 1.30 0.00	51.44 0.94 0.00	50.36 0.38 0.00	43.44 -0.12 0.00	40.13 -0.12 0.00	38.67 -0.11 0.00	39.65 -0.25 0.00	43.10 -0.81 0.00	51.14 -0.23 0.00	49.13 0.74 0.00	52.65 1.91 0.00	48.70 1.69 0.00	55.16 2.54 0.00	65.57 2.69 0.00	68.06 2.46 0.00	59.30 1.66 0.00	53.44 1.70 0.00	69.94 3.16 0.00	85.07 4.01 0.00	69.56 2.96 0.00	80.10 3.18 0.00	67.56 3.17 0.00	60.41 2.84 0.00	54.44 2.34 0.00
BETHLHEM_115KV_TB1 79974	49.68 -0.13 0.00	50.68 0.17 0.00	50.43 0.45 0.00	44.10 0.54 0.00	40.84 0.60 0.00	39.43 0.65 0.00	40.55 0.65 0.00	44.37 0.47 0.00	51.70 0.32 0.00	48.51 0.12 0.00	49.30 -0.18 1.25	34.99 -0.20 11.82	36.48 -0.65 15.49	61.28 -0.84 0.76	64.96 -0.65 0.00	57.27 -0.37 0.00	51.75 0.01 0.00	67.19 0.41 0.00	81.15 0.08 0.00	66.26 -0.34 0.00	76.25 -0.66 0.00	63.32 -1.07 0.00	56.70 -0.86 0.00	51.35 -0.74 0.00
BETHPAGE_CC_5 323564	42.00 1.10 8.89	52.75 2.25 0.00	52.52 2.55 0.00	45.95 2.38 0.00	42.56 2.31 0.00	40.97 2.18 0.00	42.30 2.40 0.00	46.27 2.36 0.00	53.40 2.03 0.00	50.02 1.63 0.00	54.65 2.10 -1.82	66.31 2.13 -17.16	76.67 1.72 -22.34	65.37 1.56 -0.93	65.80 1.88 1.69	35.20 1.99 24.43	36.24 2.30 17.80	35.58 3.15 34.35	41.52 2.95 42.50	35.30 1.67 32.96	41.65 1.20 36.47	36.68 0.63 28.34	36.38 0.61 21.81	53.50 1.41 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.19 1.38 0.00	51.51 1.01 0.00	50.42 0.44 0.00	43.50 -0.06 0.00	40.16 -0.09 0.00	38.71 -0.07 0.00	39.70 -0.20 0.00	43.16 -0.75 0.00	51.24 -0.14 0.00	49.23 0.84 0.00	52.78 2.04 0.00	48.84 1.82 0.00	55.33 2.71 0.00	65.80 2.92 0.00	68.29 2.68 0.00	59.53 1.89 0.00	53.65 1.91 0.00	70.21 3.43 0.00	85.36 4.29 0.00	69.81 3.21 0.00	80.35 3.44 0.00	67.72 3.33 0.00	60.53 2.96 0.00	54.53 2.44 0.00
BINGHAMTON___COGEN 23790	50.14 0.33 0.00	51.03 0.52 0.00	50.39 0.41 0.00	43.89 0.33 0.00	40.66 0.42 0.00	39.14 0.36 0.00	40.24 0.34 0.00	44.10 0.19 0.00	51.62 0.24 0.00	48.62 0.23 0.00	51.29 0.55 0.00	47.54 0.53 0.00	53.47 0.85 0.00	63.86 0.98 0.00	66.66 1.05 0.00	58.60 0.95 0.00	52.81 1.07 0.00	68.82 2.04 0.00	83.28 2.21 0.00	68.27 1.68 0.00	78.63 1.71 0.00	65.60 1.22 0.00	58.48 0.91 0.00	52.73 0.64 0.00

BIXINCNT_115KV_LOAD 355685	51.18 1.38 0.00	51.40 0.89 0.00	50.29 0.32 0.00	43.37 -0.20 0.00	39.60 -0.64 0.00	38.61 -0.18 0.00	39.58 -0.33 0.00	43.02 -0.89 0.00	51.42 0.04 0.00	49.41 1.02 0.00	52.88 2.15 0.00	48.93 1.92 0.00	55.22 2.61 0.00	65.64 2.76 0.00	68.24 2.63 0.00	59.49 1.85 0.00	53.55 1.81 0.00	70.07 3.29 0.00	84.48 3.42 0.00	69.72 3.13 0.00	80.15 3.24 0.00	67.09 2.70 0.00	59.75 2.19 0.00	53.76 1.66 0.00
BLACK RIVER___HYD 24047	54.87 3.58 -1.49	54.55 3.18 -0.86	53.52 2.72 -0.82	45.89 2.19 -0.14	42.02 1.78 0.00	40.63 1.85 0.00	41.73 1.83 0.00	45.82 1.75 -0.16	54.21 1.95 -0.89	50.65 2.03 -0.23	53.11 2.14 -0.23	48.83 1.82 0.00	54.89 2.08 -0.19	66.34 2.99 -0.47	68.61 2.67 -0.34	60.01 2.37 0.00	54.30 2.56 0.00	71.15 4.12 -0.25	91.53 6.95 -3.52	74.55 6.47 -1.49	85.66 8.20 -0.54	70.90 6.18 -0.33	62.70 4.79 -0.34	55.62 3.36 -0.16
BLACKRVR_115KV_TB2 79977	54.87 3.58 -1.49	54.55 3.18 -0.86	53.52 2.73 -0.82	45.89 2.19 -0.14	42.02 1.78 0.00	40.63 1.85 0.00	41.74 1.83 0.00	45.82 1.74 -0.16	54.22 1.95 -0.89	50.65 2.03 -0.23	53.11 2.14 -0.23	48.83 1.81 0.00	54.89 2.08 -0.19	66.34 2.99 -0.47	68.61 2.67 -0.34	60.01 2.36 0.00	54.30 2.56 0.00	71.14 4.11 -0.25	91.53 6.94 -3.52	74.55 6.46 -1.49	85.66 8.19 -0.54	70.90 6.18 -0.33	62.70 4.79 -0.34	55.62 3.36 -0.16
BLDWN_LI_69_KV_BK4 356085	46.30 1.47 4.97	53.00 2.50 0.00	52.71 2.74 0.00	46.11 2.55 0.00	42.69 2.45 0.00	41.10 2.31 0.00	42.42 2.52 0.00	46.40 2.49 0.00	53.66 2.28 0.00	50.39 2.00 0.00	55.04 2.49 -1.82	66.67 2.50 -17.16	77.35 2.24 -22.49	66.22 2.23 -1.11	67.42 2.59 0.76	46.68 2.61 13.57	45.18 2.87 9.42	52.42 3.95 18.31	62.26 3.87 22.68	50.58 2.39 18.41	58.55 2.00 20.37	50.00 1.44 15.82	46.65 1.26 12.18	53.99 1.90 0.00
BLISS_WT_PWR 323608	51.13 1.32 0.00	51.29 0.79 0.00	50.18 0.21 0.00	43.26 -0.31 0.00	39.35 -0.90 0.00	38.49 -0.30 0.00	39.44 -0.46 0.00	42.89 -1.02 0.00	51.40 0.02 0.00	49.39 1.00 0.00	52.86 2.12 0.00	48.94 1.93 0.00	55.17 2.56 0.00	65.60 2.72 0.00	68.24 2.63 0.00	59.47 1.83 0.00	53.54 1.80 0.00	70.08 3.29 0.00	84.37 3.30 0.00	69.75 3.15 0.00	80.14 3.22 0.00	66.94 2.56 0.00	59.53 1.96 0.00	53.53 1.43 0.00
BLUESTONE___WT_PWR 323821	51.58 1.78 0.00	53.29 2.78 0.00	52.69 2.72 0.00	45.89 2.33 0.00	42.11 1.87 0.00	40.72 1.94 0.00	41.76 1.85 0.00	45.72 1.81 0.00	53.82 2.45 0.00	50.75 2.36 0.00	53.74 3.01 0.00	49.76 2.74 0.00	55.87 3.25 0.00	66.81 3.93 0.00	69.87 4.26 0.00	60.69 3.05 0.00	53.78 2.04 0.00	70.96 4.18 0.00	86.03 4.96 0.00	70.09 3.49 0.00	80.22 3.30 0.00	66.95 2.57 0.00	59.01 1.44 0.00	53.25 1.16 0.00
BLUE_CIRC_CHEM_DRP 24182	49.13 -0.68 0.00	50.16 -0.35 0.00	49.91 -0.06 0.00	43.68 0.11 0.00	40.44 0.20 0.00	39.04 0.26 0.00	40.15 0.25 0.00	43.94 0.03 0.00	51.20 -0.17 0.00	47.98 -0.41 0.00	49.09 -0.78 0.87	38.01 -0.79 8.21	40.68 -1.17 10.76	60.89 -1.46 0.53	64.41 -1.19 0.00	56.60 -1.04 0.00	51.07 -0.67 0.00	66.51 -0.27 0.00	80.46 -0.60 0.00	65.76 -0.84 0.00	75.71 -1.21 0.00	62.91 -1.48 0.00	56.32 -1.25 0.00	51.03 -1.06 0.00
BOC_GAS_DRP 24189	49.78 -0.02 0.00	50.82 0.31 0.00	50.55 0.57 0.00	44.22 0.65 0.00	40.92 0.69 0.00	39.50 0.72 0.00	40.62 0.72 0.00	44.47 0.56 0.00	51.81 0.43 0.00	48.59 0.20 0.00	49.87 -0.03 0.83	39.14 -0.01 7.86	42.09 -0.22 10.31	62.09 -0.28 0.51	65.47 -0.13 0.00	57.70 0.06 0.00	52.12 0.38 0.00	67.57 0.79 0.00	81.60 0.53 0.00	66.66 0.07 0.00	76.75 -0.17 0.00	63.81 -0.58 0.00	57.17 -0.41 0.00	51.79 -0.30 0.00
BOONVILLE_115KV_TB1 79983	51.89 2.09 0.00	52.50 1.99 0.00	51.75 1.77 0.00	45.06 1.49 0.00	41.51 1.27 0.00	40.05 1.27 0.00	41.19 1.29 0.00	45.20 1.29 0.00	52.83 1.45 0.00	49.80 1.42 0.00	52.37 1.64 0.00	48.47 1.46 0.00	54.31 1.70 0.00	65.07 2.19 0.00	67.94 2.33 0.00	59.58 1.94 0.00	53.80 2.06 0.00	69.80 3.02 0.00	85.44 4.38 0.00	70.43 3.84 0.00	81.44 4.53 0.00	67.76 3.37 0.00	60.19 2.62 0.00	53.99 1.89 0.00
BORALEX_4TH_BRANCH 23824	50.72 0.92 0.00	51.98 1.47 0.00	51.77 1.79 0.00	45.29 1.72 0.00	41.98 1.74 0.00	40.65 1.87 0.00	41.75 1.84 0.00	45.60 1.70 0.00	53.18 1.80 0.00	49.88 1.49 0.00	48.05 0.91 3.60	13.64 0.61 33.98	8.61 0.52 44.53	61.26 0.58 2.20	66.33 0.72 0.00	58.57 0.93 0.00	53.19 1.45 0.00	69.01 2.22 0.00	83.29 2.22 0.00	68.02 1.42 0.00	78.56 1.64 0.00	64.91 0.52 0.00	58.28 0.70 0.00	52.82 0.73 0.00
BOWLINE___1 23526	51.05 1.24 0.00	52.11 1.61 0.00	51.70 1.73 0.00	45.22 1.65 0.00	41.93 1.69 0.00	40.42 1.64 0.00	41.63 1.73 0.00	45.50 1.59 0.00	52.88 1.50 0.00	49.83 1.44 0.00	53.77 1.33 -1.71	64.59 1.47 -16.11	75.36 1.63 -21.11	65.95 2.03 -1.04	67.89 2.29 0.00	60.11 2.47 0.00	54.44 2.70 0.00	70.60 3.82 0.00	84.77 3.70 0.00	68.88 2.28 0.00	78.91 1.99 0.00	65.65 1.27 0.00	58.85 1.28 0.00	53.38 1.29 0.00
BOWLINE___2 23595	51.05 1.24 0.00	52.11 1.61 0.00	51.70 1.73 0.00	45.22 1.65 0.00	41.93 1.69 0.00	40.42 1.64 0.00	41.63 1.73 0.00	45.50 1.59 0.00	52.88 1.50 0.00	49.83 1.44 0.00	53.77 1.33 -1.71	64.60 1.47 -16.11	75.37 1.64 -21.11	65.95 2.03 -1.04	67.89 2.29 0.00	60.11 2.47 0.00	54.44 2.70 0.00	70.60 3.82 0.00	84.77 3.70 0.00	68.88 2.28 0.00	78.91 1.99 0.00	65.66 1.27 0.00	58.85 1.28 0.00	53.38 1.29 0.00
BRADY___115KV_TB2 356060	51.36 1.55 0.00	51.61 1.11 0.00	50.82 0.84 0.00	44.11 0.54 0.00	40.58 0.34 0.00	39.09 0.31 0.00	40.21 0.31 0.00	44.45 0.54 0.00	52.08 0.70 0.00	49.13 0.74 0.00	51.61 0.87 0.00	47.71 0.69 0.00	53.32 0.70 0.00	63.60 0.72 0.00	66.26 0.65 0.00	57.97 0.33 0.00	51.82 0.08 0.00	65.59 -1.19 0.00	81.19 0.13 0.00	67.44 0.84 0.00	78.87 1.96 0.00	66.67 2.28 0.00	59.51 1.94 0.00	53.87 1.77 0.00
BRANSCOMB___SOLAR 323811	51.76 1.95 0.00	52.78 2.27 0.00	52.40 2.43 0.00	45.73 2.16 0.00	42.34 2.10 0.00	40.89 2.11 0.00	41.97 2.06 0.00	45.87 1.97 0.00	53.58 2.20 0.00	50.27 1.88 0.00	50.33 1.40 1.81	30.97 1.02 17.06	31.31 1.05 22.35	63.21 1.43 1.10	67.35 1.75 0.00	59.39 1.75 0.00	53.96 2.22 0.00	70.67 3.89 0.00	85.60 4.54 0.00	69.90 3.30 0.00	80.64 3.72 0.00	66.70 2.31 0.00	59.68 2.11 0.00	53.94 1.85 0.00
BRDGHMPT_69_KV_BK1 55812	40.79 2.09 11.10	53.79 3.28 0.00	53.56 3.59 0.00	46.85 3.28 0.00	43.36 3.12 0.00	41.71 2.93 0.00	43.18 3.28 0.00	47.31 3.40 0.00	54.71 3.34 0.00	51.49 3.10 0.00	56.61 4.06 -1.82	68.10 3.93 -17.16	78.32 3.43 -22.28	66.95 3.48 -0.59	66.84 3.88 2.64	30.71 3.69 30.63	33.37 3.98 22.34	29.35 5.66 43.09	34.14 6.38 53.30	29.98 4.54 41.15	35.71 4.34 45.54	31.78 2.78 35.38	32.80 2.46 27.23	54.97 2.88 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.91 0.99 10.88	52.83 2.32 0.00	52.75 2.77 0.00	46.18 2.61 0.00	42.74 2.50 0.00	41.14 2.36 0.00	42.54 2.64 0.00	46.53 2.62 0.00	53.51 2.14 0.00	50.08 1.69 0.00	55.11 2.56 -1.82	66.80 2.63 -17.16	76.97 2.07 -22.29	65.05 1.71 -0.45	64.72 1.98 2.86	29.56 1.99 30.08	32.20 2.34 21.88	27.90 3.31 42.20	32.01 3.15 52.20	28.12 1.86 40.34	33.77 1.49 44.64	30.72 1.02 34.68	31.80 0.91 26.69	53.83 1.74 0.00
BRISTLHL_115KV_TB1 79998	52.92 -0.59 -3.71	52.07 -0.58 -2.14	51.38 -0.65 -2.05	43.28 -0.62 -0.34	39.68 -0.56 0.00	38.23 -0.55 0.00	39.32 -0.59 0.00	43.56 -0.76 -0.41	52.79 -0.80 -2.22	48.28 -0.68 -0.57	50.75 -0.57 -0.58	46.43 -0.58 0.00	52.54 -0.55 -0.48	63.42 -0.62 -1.16	65.86 -0.58 -0.84	57.21 -0.43 0.00	51.55 -0.19 0.00	67.63 0.22 -0.62	90.11 0.29 -8.75	70.51 0.21 -3.70	78.38 0.11 -1.35	65.14 -0.07 -0.82	58.23 -0.19 -0.85	52.21 -0.28 -0.40
BROOKHAVEN___DRP 24191	39.16 0.46 11.11	52.20 1.70 0.00	52.08 2.11 0.00	45.61 2.05 0.00	42.21 1.97 0.00	40.62 1.84 0.00	42.02 2.11 0.00	46.00 2.09 0.00	52.98 1.60 0.00	49.66 1.27 0.00	54.57 2.02 -1.82	66.28 2.11 -17.16	76.36 1.46 -22.28	64.62 1.14 -0.60	64.48 1.51 2.63	28.52 1.51 30.64	31.29 1.91 22.35	26.51 2.84 43.11	30.66 2.92 53.33	27.20 1.78 41.17	32.66 1.31 45.56	29.38 0.39 35.40	30.67 0.34 27.24	53.20 1.11 0.00
BROOKLYN_NAVY_YARD 23515	51.34 1.53 0.00	52.45 1.95 0.00	52.05 2.07 0.00	45.57 2.00 0.00	42.28 2.04 0.00	40.76 1.98 0.00	42.01 2.11 0.00	45.95 2.04 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.24 1.69 -1.82	65.95 1.79 -17.16	77.13 1.91 -22.60	66.31 2.32 -1.11	68.20 2.60 0.00	60.43 2.74 -0.05	55.48 3.01 -0.73	72.11 4.11 -1.22	86.52 3.97 -1.48	69.03 2.44 0.00	79.02 2.10 0.00	65.75 1.37 0.00	59.06 1.49 0.00	53.65 1.56 0.00
BROOKLYN___ARMY_DRP 323595	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
BROOME_2_LFGE 323671	50.14 0.34 0.00	51.02 0.51 0.00	50.38 0.40 0.00	43.89 0.33 0.00	40.66 0.42 0.00	39.13 0.35 0.00	40.25 0.34 0.00	44.10 0.19 0.00	51.62 0.24 0.00	48.62 0.23 0.00	51.28 0.55 0.00	47.54 0.53 0.00	53.47 0.86 0.00	63.86 0.98 0.00	66.65 1.05 0.00	58.60 0.95 0.00	52.81 1.07 0.00	68.82 2.04 0.00	83.28 2.21 0.00	68.26 1.67 0.00	78.63 1.71 0.00	65.61 1.22 0.00	58.49 0.92 0.00	52.73 0.64 0.00
BROOME___LFGE 323600	50.14 0.34 0.00	51.02 0.51 0.00	50.38 0.40 0.00	43.89 0.33 0.00	40.66 0.42 0.00	39.13 0.35 0.00	40.25 0.34 0.00	44.10 0.19 0.00	51.62 0.24 0.00	48.62 0.23 0.00	51.28 0.55 0.00	47.54 0.53 0.00	53.47 0.86 0.00	63.86 0.98 0.00	66.65 1.05 0.00	58.60 0.95 0.00	52.81 1.07 0.00	68.82 2.04 0.00	83.28 2.21 0.00	68.26 1.67 0.00	78.63 1.71 0.00	65.61 1.22 0.00	58.49 0.92 0.00	52.73 0.64 0.00
BROWNFLS_115KV_TB 3_5 80003	52.16 1.80 -0.56	52.26 1.43 -0.32	51.37 1.08 -0.31	44.40 0.79 -0.05	40.74 0.50 0.00	39.34 0.55 0.00	40.45 0.55 0.00	44.61 0.64 -0.06	52.53 0.82 -0.34	49.38 0.91 -0.09	51.93 1.11 -0.09	47.86 0.85 0.00	53.62 0.93 -0.07	64.22 1.17 -0.17	66.81 1.08 -0.13	58.42 0.78 0.00	52.55 0.81 0.00	67.51 0.63 -0.09	84.76 2.37 -1.32	69.68 2.52 -0.56	80.64 3.52 -0.20	67.38 2.87 -0.12	59.87 2.17 -0.13	53.72 1.56 -0.06
BROWNSV1_27_KV_LOAD 356125	52.07 2.27 0.00	53.19 2.68 0.00	52.76 2.78 0.00	46.18 2.61 0.00	42.83 2.59 0.00	41.28 2.50 0.00	42.54 2.64 0.00	46.52 2.61 0.00	54.03 2.65 0.00	50.97 2.58 0.00	55.03 2.48 -1.82	66.70 2.53 -17.16	77.83 2.74 -22.48	67.30 3.31 -1.11	69.26 3.65 0.00	61.29 3.65 0.00	55.58 3.84 0.00	71.98 5.20 0.00	86.39 5.33 0.00	70.08 3.49 0.00	80.23 3.31 0.00	66.75 2.36 0.00	59.88 2.31 0.00	54.40 2.31 0.00
BURROWS___LYONSDAL 23803	52.44 2.25 -0.39	52.83 2.11 -0.22	52.02 1.83 -0.21	45.13 1.53 -0.03	41.49 1.24 0.00	40.05 1.27 0.00	41.20 1.30 0.00	45.24 1.29 -0.04	53.07 1.46 -0.23	49.88 1.43 -0.06	52.45 1.66 -0.06	48.43 1.42 0.00	54.31 1.64 -0.05	65.13 2.13 -0.12	67.94 2.25 -0.09	59.50 1.86 0.00	53.79 2.05 0.00	69.84 3.00 -0.06	86.50 4.51 -0.91	71.01 4.03 -0.39	81.89 4.83 -0.14	68.02 3.55 -0.08	60.37 2.71 -0.09	54.04 1.90 -0.04
CAITHNESS_CC_1 323624	39.08 0.39 11.12	52.15 1.65 0.00	52.04 2.07 0.00	45.57 2.01 0.00	42.18 1.94 0.00	40.60 1.82 0.00	41.99 2.09 0.00	45.96 2.05 0.00	52.90 1.52 0.00	49.59 1.20 0.00	54.49 1.93 -1.82	66.20 2.02 -17.16	76.28 1.39 -22.28	64.54 1.05 -0.61	64.36 1.37 2.61	28.38 1.39 30.65	31.13 1.75 22.36	26.22 2.57 43.13	30.26 2.55 53.35	26.90 1.49 41.19	32.33 1.00 45.58	29.19 0.22 35.41	30.52 0.21 27.25	53.13 1.03 0.00
CALPINE BETH_PAGE_GT4 24209	43.13 1.23 7.91	52.86 2.35 0.00	52.62 2.64 0.00	46.03 2.46 0.00	42.63 2.39 0.00	41.03 2.25 0.00	42.37 2.47 0.00	46.35 2.44 0.00	53.51 2.13 0.00	50.07 1.68 0.00	54.57 2.02 -1.82	66.24 2.07 -17.16	76.65 1.67 -22.37	65.54 1.55 -1.11	66.28 1.89 1.22	37.98 2.01 21.67	38.31 2.33 15.76	39.58 3.23 30.44	46.42 3.02 37.66	38.95 1.68 29.32	45.69 1.21 32.44	39.83 0.65 25.21	38.80 0.62 19.40	53.44 1.35 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.12 1.23 7.91	52.86 2.36 0.00	52.62 2.64 0.00	46.03 2.46 0.00	42.63 2.39 0.00	41.03 2.25 0.00	42.37 2.47 0.00	46.35 2.44 0.00	53.50 2.12 0.00	50.07 1.68 0.00	54.58 2.03 -1.82	66.24 2.07 -17.16	76.66 1.68 -22.37	65.55 1.56 -1.11	66.27 1.88 1.22	37.97 2.00 21.67	38.28 2.30 15.76	39.49 3.15 30.44	46.35 2.94 37.66	38.93 1.65 29.32	45.67 1.19 32.44	39.81 0.63 25.21	38.77 0.60 19.40	53.44 1.35 0.00
CALPINE_BP_GT1 23823	43.12 1.23 7.91	52.86 2.36 0.00	52.62 2.64 0.00	46.03 2.46 0.00	42.63 2.39 0.00	41.03 2.25 0.00	42.37 2.47 0.00	46.35 2.44 0.00	53.50 2.12 0.00	50.07 1.68 0.00	54.58 2.03 -1.82	66.24 2.07 -17.16	76.66 1.68 -22.37	65.55 1.56 -1.11	66.27 1.88 1.22	37.97 2.00 21.67	38.28 2.30 15.76	39.49 3.15 30.44	46.35 2.94 37.66	38.93 1.65 29.32	45.67 1.19 32.44	39.81 0.63 25.21	38.77 0.60 19.40	53.44 1.35 0.00
CALSPAN___DRP 24200	51.11 1.30 0.00	51.44 0.94 0.00	50.36 0.38 0.00	43.44 -0.12 0.00	40.13 -0.12 0.00	38.67 -0.11 0.00	39.65 -0.25 0.00	43.10 -0.81 0.00	51.14 -0.23 0.00	49.13 0.74 0.00	52.65 1.91 0.00	48.70 1.69 0.00	55.16 2.54 0.00	65.57 2.69 0.00	68.06 2.46 0.00	59.30 1.66 0.00	53.44 1.70 0.00	69.94 3.16 0.00	85.07 4.01 0.00	69.56 2.96 0.00	80.10 3.18 0.00	67.56 3.17 0.00	60.41 2.84 0.00	54.44 2.34 0.00

CALVERTON___SOLAR 323806	39.31 0.62 11.11	52.35 1.84 0.00	52.21 2.23 0.00	45.71 2.14 0.00	42.31 2.07 0.00	40.71 1.93 0.00	42.12 2.21 0.00	46.11 2.20 0.00	53.13 1.76 0.00	49.84 1.45 0.00	54.78 2.23 -1.82	66.46 2.29 -17.16	76.56 1.66 -22.28	64.86 1.39 -0.60	64.71 1.75 2.63	28.72 1.71 30.63	31.46 2.07 22.35	26.71 3.03 43.10	31.00 3.26 53.32	27.53 2.10 41.17	33.03 1.67 45.55	29.60 0.61 35.39	30.87 0.54 27.24	53.38 1.29 0.00
CANDIGU_WT_PWR 323617	50.35 0.54 0.00	50.80 0.29 0.00	49.76 -0.22 0.00	43.07 -0.49 0.00	39.90 -0.34 0.00	38.29 -0.49 0.00	39.42 -0.49 0.00	43.20 -0.71 0.00	50.93 -0.44 0.00	48.43 0.04 0.00	51.22 0.49 0.00	47.29 0.28 0.00	53.29 0.67 0.00	63.42 0.53 0.00	66.12 0.51 0.00	57.83 0.19 0.00	52.19 0.45 0.00	68.39 1.61 0.00	83.40 2.33 0.00	68.66 2.06 0.00	79.23 2.31 0.00	65.97 1.58 0.00	58.53 0.96 0.00	52.60 0.51 0.00
CARR STREET_E_SYR 24060	49.32 -0.48 0.00	50.03 -0.47 0.00	49.41 -0.56 0.00	43.02 -0.55 0.00	39.77 -0.47 0.00	38.31 -0.47 0.00	39.40 -0.51 0.00	43.22 -0.68 0.00	50.67 -0.71 0.00	47.81 -0.59 0.00	50.29 -0.44 0.00	46.61 -0.40 0.00	52.34 -0.28 0.00	62.59 -0.29 0.00	65.41 -0.19 0.00	57.53 -0.12 0.00	51.85 0.11 0.00	67.42 0.64 0.00	81.82 0.76 0.00	67.14 0.54 0.00	77.39 0.47 0.00	64.60 0.21 0.00	57.60 0.03 0.00	51.97 -0.12 0.00
CARTHAGE___PAPER 23857	54.48 3.44 -1.23	54.29 3.07 -0.71	53.31 2.65 -0.68	45.81 2.14 -0.11	41.95 1.71 0.00	40.56 1.77 0.00	41.68 1.77 0.00	45.80 1.76 -0.13	54.12 2.00 -0.74	50.60 2.02 -0.19	53.16 2.23 -0.19	48.85 1.85 0.00	54.86 2.09 -0.16	66.12 2.86 -0.39	68.66 2.78 -0.28	60.00 2.36 0.00	54.20 2.46 0.00	70.57 3.58 -0.21	90.16 6.18 -2.91	73.66 5.83 -1.23	84.80 7.43 -0.45	70.32 5.66 -0.27	62.23 4.38 -0.28	55.34 3.12 -0.13
CASSADAGA_WT_PWR 323784	52.20 2.39 0.00	51.87 1.36 0.00	50.47 0.49 0.00	43.95 0.39 0.00	40.98 0.74 0.00	39.68 0.90 0.00	40.52 0.62 0.00	43.78 -0.12 0.00	52.02 0.64 0.00	50.26 1.87 0.00	53.86 3.13 0.00	49.73 2.72 0.00	55.83 3.21 0.00	66.33 3.45 0.00	68.63 3.03 0.00	59.86 2.22 0.00	54.43 2.69 0.00	71.68 4.90 0.00	87.18 6.12 0.00	71.28 4.69 0.00	81.89 4.98 0.00	69.10 4.71 0.00	61.54 3.98 0.00	55.00 2.91 0.00
CE_DUNWOOD___DRP 24194	51.22 1.41 0.00	52.35 1.85 0.00	51.97 1.99 0.00	45.46 1.90 0.00	42.17 1.93 0.00	40.65 1.87 0.00	41.86 1.95 0.00	45.77 1.86 0.00	53.17 1.79 0.00	50.08 1.69 0.00	54.13 1.58 -1.81	65.82 1.69 -17.11	76.84 1.80 -22.42	66.18 2.19 -1.11	68.08 2.47 0.00	60.24 2.60 0.00	54.60 2.86 0.00	70.78 4.00 0.00	85.01 3.95 0.00	69.06 2.46 0.00	79.12 2.21 0.00	65.79 1.41 0.00	58.96 1.39 0.00	53.54 1.45 0.00
CE_MILLWOOD___DRP 24193	51.13 1.33 0.00	52.26 1.75 0.00	51.87 1.89 0.00	45.37 1.81 0.00	42.07 1.83 0.00	40.57 1.79 0.00	41.78 1.87 0.00	45.67 1.76 0.00	53.06 1.68 0.00	49.97 1.59 0.00	54.01 1.47 -1.80	65.60 1.58 -17.00	76.59 1.69 -22.28	66.06 2.08 -1.10	67.96 2.36 0.00	60.14 2.50 0.00	54.51 2.76 0.00	70.66 3.88 0.00	84.86 3.79 0.00	68.96 2.36 0.00	79.03 2.11 0.00	65.70 1.31 0.00	58.87 1.30 0.00	53.46 1.37 0.00
CE_NYC2_DRP 24202	51.32 1.51 0.00	52.51 2.01 0.00	52.12 2.14 0.00	45.66 2.10 0.00	42.38 2.14 0.00	40.85 2.07 0.00	42.10 2.20 0.00	46.01 2.10 0.00	53.38 2.00 0.00	50.32 1.93 0.00	54.22 1.67 -1.82	65.92 1.75 -17.16	76.91 1.81 -22.48	66.16 2.17 -1.11	68.06 2.45 0.00	60.26 2.62 0.00	54.67 2.93 0.00	70.75 3.97 0.00	84.89 3.83 0.00	68.89 2.30 0.00	78.84 1.92 0.00	65.58 1.19 0.00	58.89 1.32 0.00	53.58 1.49 0.00
CE_NYC_DRP 24195	51.47 1.67 0.00	52.61 2.11 0.00	52.20 2.23 0.00	45.71 2.14 0.00	42.41 2.17 0.00	40.88 2.10 0.00	42.13 2.23 0.00	46.07 2.16 0.00	53.46 2.09 0.00	50.41 2.02 0.00	54.41 1.86 -1.82	66.11 1.94 -17.16	77.15 2.05 -22.48	66.48 2.50 -1.11	68.40 2.79 0.00	60.55 2.91 0.00	54.91 3.17 0.00	71.11 4.33 0.00	85.34 4.28 0.00	69.27 2.67 0.00	79.30 2.38 0.00	65.95 1.56 0.00	59.16 1.59 0.00	53.77 1.68 0.00
CHAFFEE___LFGE 323603	51.25 1.45 0.00	51.66 1.15 0.00	50.57 0.59 0.00	43.65 0.08 0.00	40.31 0.07 0.00	38.83 0.05 0.00	39.82 -0.08 0.00	43.30 -0.61 0.00	51.39 0.01 0.00	49.28 0.89 0.00	52.81 2.07 0.00	48.89 1.88 0.00	55.36 2.74 0.00	65.77 2.89 0.00	68.40 2.80 0.00	59.66 2.02 0.00	53.78 2.04 0.00	70.44 3.65 0.00	85.64 4.57 0.00	70.01 3.41 0.00	80.59 3.67 0.00	67.93 3.54 0.00	60.72 3.15 0.00	54.70 2.61 0.00
CHATEAUG_35_KV_LOAD 355732	50.09 0.29 0.00	50.57 0.06 0.00	49.82 -0.16 0.00	43.28 -0.28 0.00	39.85 -0.39 0.00	38.39 -0.39 0.00	39.49 -0.41 0.00	43.74 -0.17 0.00	51.34 -0.04 0.00	48.50 0.11 0.00	50.87 0.14 0.00	47.08 0.07 0.00	52.63 0.02 0.00	62.84 -0.04 0.00	65.36 -0.25 0.00	57.07 -0.57 0.00	50.75 -0.99 0.00	64.79 -2.00 0.00	79.40 -1.67 0.00	65.46 -1.14 0.00	76.24 -0.67 0.00	64.24 -0.15 0.00	57.35 -0.22 0.00	51.87 -0.22 0.00
CHATEAUG_WT_PWR 323614	49.93 0.13 0.00	50.45 -0.05 0.00	49.71 -0.27 0.00	43.20 -0.36 0.00	39.79 -0.45 0.00	38.33 -0.45 0.00	39.44 -0.46 0.00	43.72 -0.19 0.00	51.31 -0.07 0.00	48.47 0.08 0.00	50.80 0.06 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.76 -0.12 0.00	65.31 -0.29 0.00	57.02 -0.62 0.00	50.77 -0.98 0.00	64.83 -1.96 0.00	79.41 -1.65 0.00	65.34 -1.26 0.00	75.96 -0.96 0.00	63.93 -0.46 0.00	57.10 -0.47 0.00	51.67 -0.43 0.00
CHAT_HIGH_FALL_HYD 323578	50.09 0.29 0.00	50.57 0.06 0.00	49.82 -0.16 0.00	43.28 -0.28 0.00	39.85 -0.39 0.00	38.39 -0.39 0.00	39.49 -0.41 0.00	43.74 -0.17 0.00	51.34 -0.04 0.00	48.50 0.11 0.00	50.87 0.14 0.00	47.08 0.07 0.00	52.63 0.02 0.00	62.84 -0.04 0.00	65.36 -0.25 0.00	57.07 -0.57 0.00	50.75 -0.99 0.00	64.79 -2.00 0.00	79.40 -1.67 0.00	65.46 -1.14 0.00	76.24 -0.67 0.00	64.24 -0.15 0.00	57.35 -0.22 0.00	51.87 -0.22 0.00
CHAUTAUQUA___LFGE 323629	51.77 1.97 0.00	51.76 1.26 0.00	50.51 0.53 0.00	43.70 0.14 0.00	40.62 0.38 0.00	39.25 0.46 0.00	40.11 0.21 0.00	43.53 -0.38 0.00	51.60 0.22 0.00	49.70 1.31 0.00	53.25 2.52 0.00	49.23 2.22 0.00	55.51 2.89 0.00	65.96 3.08 0.00	68.35 2.75 0.00	59.57 1.93 0.00	53.95 2.21 0.00	70.91 4.13 0.00	86.26 5.20 0.00	70.56 3.97 0.00	81.25 4.34 0.00	68.49 4.10 0.00	61.13 3.57 0.00	54.76 2.66 0.00
CHERRYST_13_KV_LD 356241	51.64 1.84 0.00	52.78 2.27 0.00	52.39 2.41 0.00	45.85 2.29 0.00	42.53 2.29 0.00	41.01 2.23 0.00	42.27 2.36 0.00	46.24 2.33 0.00	53.67 2.29 0.00	50.61 2.22 0.00	54.63 2.08 -1.82	66.32 2.15 -17.16	77.39 2.30 -22.48	66.77 2.79 -1.11	68.69 3.08 0.00	60.80 3.16 0.00	55.14 3.39 0.00	71.41 4.63 0.00	85.67 4.60 0.00	69.53 2.94 0.00	79.59 2.67 0.00	66.20 1.81 0.00	59.39 1.82 0.00	53.95 1.86 0.00

CHESTROR_138KV_BK263 355645	50.93 1.13 0.00	51.98 1.47 0.00	51.57 1.59 0.00	45.08 1.51 0.00	41.77 1.53 0.00	40.29 1.51 0.00	41.48 1.57 0.00	45.34 1.44 0.00	52.74 1.36 0.00	49.64 1.25 0.00	53.43 1.15 -1.55	62.89 1.26 -14.62	73.19 1.41 -19.16	65.64 1.81 -0.94	67.62 2.01 0.00	59.86 2.22 0.00	54.18 2.44 0.00	70.27 3.49 0.00	84.51 3.45 0.00	68.76 2.16 0.00	78.87 1.95 0.00	65.61 1.22 0.00	58.78 1.20 0.00	53.27 1.18 0.00
CH_MIDHUDSON___DRP 24192	51.20 1.40 0.00	52.32 1.81 0.00	51.94 1.96 0.00	45.42 1.85 0.00	42.09 1.85 0.00	40.60 1.82 0.00	41.79 1.88 0.00	45.70 1.79 0.00	53.15 1.77 0.00	50.01 1.62 0.00	53.54 1.49 -1.31	60.94 1.58 -12.35	70.53 1.73 -16.18	65.84 2.16 -0.80	68.09 2.49 0.00	60.20 2.55 0.00	54.58 2.84 0.00	70.83 4.05 0.00	85.17 4.10 0.00	69.26 2.66 0.00	79.41 2.50 0.00	65.96 1.58 0.00	59.03 1.46 0.00	53.52 1.43 0.00
CH_MISC_IPPS 23765	51.62 1.82 0.00	52.69 2.18 0.00	52.27 2.29 0.00	45.70 2.13 0.00	42.33 2.10 0.00	40.84 2.06 0.00	42.04 2.14 0.00	45.99 2.08 0.00	53.51 2.13 0.00	50.38 1.99 0.00	54.09 1.93 -1.43	62.53 2.01 -13.50	72.59 2.28 -17.70	66.61 2.86 -0.87	68.77 3.17 0.00	60.82 3.18 0.00	55.17 3.42 0.00	71.63 4.85 0.00	86.07 5.00 0.00	69.97 3.38 0.00	80.19 3.28 0.00	66.63 2.25 0.00	59.61 2.04 0.00	54.01 1.92 0.00
CH_RES_BVR_FALLS 23983	49.83 0.03 0.00	50.43 -0.07 0.00	49.84 -0.13 0.00	43.33 -0.23 0.00	39.99 -0.26 0.00	38.50 -0.28 0.00	39.65 -0.26 0.00	43.76 -0.15 0.00	51.31 -0.07 0.00	48.39 0.00 0.00	50.76 0.03 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.77 -0.11 0.00	65.43 -0.18 0.00	57.39 -0.25 0.00	51.39 -0.35 0.00	66.14 -0.64 0.00	80.53 -0.54 0.00	66.25 -0.34 0.00	76.67 -0.25 0.00	64.19 -0.20 0.00	57.30 -0.27 0.00	51.76 -0.34 0.00
CH_RES_NIAGARA 23895	49.72 -0.08 0.00	50.20 -0.31 0.00	49.21 -0.77 0.00	42.50 -1.06 0.00	39.20 -1.04 0.00	37.71 -1.08 0.00	38.66 -1.25 0.00	41.97 -1.94 0.00	49.82 -1.56 0.00	47.83 -0.56 0.00	51.30 0.56 0.00	47.40 0.38 0.00	53.69 1.07 0.00	63.72 0.83 0.00	65.93 0.32 0.00	57.32 -0.32 0.00	51.60 -0.15 0.00	67.49 0.71 0.00	82.14 1.08 0.00	66.98 0.39 0.00	77.17 0.25 0.00	65.31 0.92 0.00	58.68 1.11 0.00	53.10 1.01 0.00
CH_RES_SYRACUSE 23985	51.06 -0.22 -1.48	51.15 -0.21 -0.86	50.45 -0.34 -0.82	43.37 -0.34 -0.14	39.97 -0.28 0.00	38.49 -0.29 0.00	39.58 -0.33 0.00	43.57 -0.50 -0.16	51.81 -0.45 -0.89	48.28 -0.34 -0.23	50.75 -0.21 -0.23	46.80 -0.21 0.00	52.75 -0.06 -0.19	63.29 -0.06 -0.46	66.00 0.06 -0.34	57.77 0.13 0.00	52.08 0.33 0.00	67.97 0.93 -0.25	85.75 1.19 -3.50	69.01 0.93 -1.48	78.41 0.95 -0.54	65.34 0.62 -0.33	58.36 0.45 -0.34	52.50 0.24 -0.16
CLINTON_WT_PWR 323605	49.93 0.13 0.00	50.45 -0.05 0.00	49.71 -0.27 0.00	43.20 -0.36 0.00	39.79 -0.45 0.00	38.33 -0.45 0.00	39.44 -0.46 0.00	43.72 -0.19 0.00	51.31 -0.07 0.00	48.47 0.08 0.00	50.80 0.06 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.76 -0.12 0.00	65.31 -0.29 0.00	57.02 -0.62 0.00	50.77 -0.98 0.00	64.83 -1.96 0.00	79.41 -1.65 0.00	65.34 -1.26 0.00	75.96 -0.96 0.00	63.93 -0.46 0.00	57.10 -0.47 0.00	51.67 -0.43 0.00
CLINTON___LFGE 323618	50.24 0.44 0.00	50.84 0.33 0.00	50.06 0.09 0.00	43.49 -0.08 0.00	40.05 -0.19 0.00	38.56 -0.22 0.00	39.66 -0.24 0.00	43.95 0.04 0.00	51.54 0.16 0.00	48.66 0.27 0.00	50.94 0.20 0.00	47.15 0.14 0.00	52.72 0.11 0.00	62.95 0.07 0.00	65.54 -0.07 0.00	57.20 -0.44 0.00	50.93 -0.81 0.00	65.13 -1.65 0.00	80.00 -1.07 0.00	65.94 -0.65 0.00	76.70 -0.22 0.00	64.55 0.17 0.00	57.58 0.01 0.00	52.09 -0.01 0.00
COBBLENY_34_KV_TB1 80064	51.25 1.45 0.00	51.64 1.14 0.00	50.56 0.58 0.00	43.64 0.08 0.00	40.31 0.07 0.00	38.83 0.05 0.00	39.82 -0.08 0.00	43.30 -0.61 0.00	51.36 -0.02 0.00	49.28 0.89 0.00	52.83 2.09 0.00	48.88 1.87 0.00	55.38 2.77 0.00	65.77 2.89 0.00	68.40 2.79 0.00	59.65 2.01 0.00	53.77 2.02 0.00	70.39 3.61 0.00	85.58 4.51 0.00	70.00 3.40 0.00	80.57 3.65 0.00	67.93 3.55 0.00	60.72 3.15 0.00	54.70 2.60 0.00
COFFEEN___115KV_TB3 355620	55.33 3.99 -1.54	54.98 3.59 -0.89	53.94 3.11 -0.85	46.23 2.52 -0.14	42.33 2.09 0.00	40.91 2.13 0.00	42.03 2.12 0.00	46.08 2.00 -0.17	54.48 2.18 -0.92	50.86 2.23 -0.24	53.32 2.34 -0.24	49.03 2.02 0.00	55.12 2.31 -0.20	66.66 3.30 -0.48	68.89 2.94 -0.35	60.30 2.66 0.00	54.60 2.86 0.00	71.63 4.59 -0.26	92.43 7.73 -3.63	75.32 7.19 -1.54	86.64 9.16 -0.56	71.76 7.03 -0.34	63.44 5.51 -0.35	56.24 3.98 -0.17
COLDSPRG_115KV_BK1 355956	52.26 2.46 0.00	52.36 1.85 0.00	51.15 1.18 0.00	44.39 0.82 0.00	41.18 0.94 0.00	39.75 0.97 0.00	40.79 0.89 0.00	44.19 0.28 0.00	52.40 1.03 0.00	50.51 2.12 0.00	54.04 3.31 0.00	49.99 2.98 0.00	56.18 3.57 0.00	66.74 3.86 0.00	69.20 3.60 0.00	60.41 2.77 0.00	54.66 2.93 0.00	71.77 4.99 0.00	86.93 5.86 0.00	71.13 4.54 0.00	81.87 4.96 0.00	69.06 4.67 0.00	61.75 4.18 0.00	55.45 3.36 0.00
COLONIE_LFGE___ 323577	50.76 0.96 0.00	51.82 1.32 0.00	51.52 1.55 0.00	45.04 1.48 0.00	41.69 1.45 0.00	40.29 1.51 0.00	41.38 1.47 0.00	45.26 1.35 0.00	52.79 1.41 0.00	49.53 1.14 0.00	49.35 0.74 2.13	27.50 0.59 20.10	26.76 0.49 26.34	62.22 0.63 1.30	66.46 0.86 0.00	58.65 1.01 0.00	53.11 1.37 0.00	69.11 2.33 0.00	83.50 2.43 0.00	68.17 1.58 0.00	78.61 1.69 0.00	65.13 0.74 0.00	58.33 0.76 0.00	52.83 0.73 0.00
COOPERNY_115KV_TB1 80082	50.62 0.81 0.00	51.61 1.10 0.00	51.19 1.21 0.00	44.72 1.16 0.00	41.42 1.18 0.00	39.94 1.16 0.00	41.10 1.20 0.00	45.00 1.09 0.00	52.40 1.02 0.00	49.31 0.92 0.00	52.69 0.88 -1.07	58.04 0.95 -10.08	66.90 1.07 -13.22	64.87 1.34 -0.65	67.15 1.55 0.00	59.34 1.70 0.00	53.62 1.88 0.00	69.43 2.65 0.00	83.68 2.61 0.00	68.26 1.66 0.00	78.39 1.48 0.00	65.31 0.92 0.00	58.48 0.91 0.00	52.98 0.89 0.00
COPENHAGEN_WT_PWR 323753	54.57 3.15 -1.62	54.17 2.74 -0.93	53.16 2.29 -0.89	45.52 1.81 -0.15	41.66 1.42 0.00	40.31 1.53 0.00	41.40 1.50 0.00	45.50 1.41 -0.18	54.01 1.66 -0.97	50.39 1.75 -0.25	52.86 1.87 -0.25	48.57 1.56 0.00	54.62 1.80 -0.21	65.98 2.59 -0.51	68.16 2.20 -0.37	59.57 1.93 0.00	53.95 2.21 0.00	70.76 3.71 -0.27	91.15 6.27 -3.82	74.06 5.85 -1.62	84.90 7.40 -0.59	70.10 5.35 -0.36	61.96 4.02 -0.37	54.89 2.62 -0.17
CORNELL_____ 23752	51.03 1.22 0.00	51.75 1.25 0.00	51.05 1.08 0.00	44.44 0.88 0.00	41.11 0.87 0.00	39.60 0.81 0.00	40.70 0.80 0.00	44.58 0.68 0.00	52.23 0.86 0.00	49.16 0.77 0.00	51.83 1.10 0.00	47.84 0.83 0.00	53.67 1.06 0.00	64.13 1.25 0.00	67.03 1.42 0.00	59.03 1.39 0.00	53.17 1.43 0.00	69.43 2.65 0.00	84.62 3.56 0.00	69.78 3.18 0.00	80.59 3.67 0.00	67.35 2.97 0.00	59.92 2.35 0.00	53.92 1.82 0.00

CORONA V_69_KV_TB1 355595	51.30 1.49 0.00	52.95 2.44 0.00	52.72 2.75 0.00	46.11 2.55 0.00	42.71 2.46 0.00	41.13 2.34 0.00	42.44 2.54 0.00	46.40 2.49 0.00	53.67 2.29 0.00	50.43 2.04 0.00	55.04 2.49 -1.82	66.65 2.48 -17.16	77.52 2.17 -22.73	66.40 2.41 -1.11	68.41 2.80 0.00	60.52 2.78 -0.10	56.23 3.00 -1.48	73.41 4.14 -2.49	88.39 4.30 -3.02	69.32 2.73 0.00	79.35 2.43 0.00	65.99 1.60 0.00	59.04 1.48 0.00	54.12 2.03 0.00
CORTLAND_115KV_TB3 80093	50.48 0.67 0.00	51.25 0.75 0.00	50.61 0.64 0.00	44.08 0.52 0.00	40.79 0.55 0.00	39.27 0.48 0.00	40.39 0.48 0.00	44.27 0.36 0.00	51.82 0.44 0.00	48.83 0.44 0.00	51.40 0.67 0.00	47.52 0.51 0.00	53.39 0.77 0.00	63.80 0.92 0.00	66.69 1.09 0.00	58.64 1.00 0.00	52.86 1.12 0.00	68.91 2.13 0.00	83.65 2.59 0.00	68.82 2.22 0.00	79.38 2.46 0.00	66.25 1.86 0.00	59.00 1.43 0.00	53.14 1.05 0.00
COXSACKIE__GT 23611	51.96 2.16 0.00	52.83 2.33 0.00	52.43 2.46 0.00	45.81 2.24 0.00	42.39 2.15 0.00	40.94 2.15 0.00	42.15 2.24 0.00	46.23 2.32 0.00	53.98 2.60 0.00	50.61 2.22 0.00	52.00 1.86 0.60	42.85 1.48 5.65	46.64 1.43 7.40	64.48 1.96 0.36	68.36 2.76 0.00	59.66 2.02 0.00	53.70 1.95 0.00	71.16 4.38 0.00	86.45 5.38 0.00	70.42 3.82 0.00	80.83 3.91 0.00	67.06 2.68 0.00	59.83 2.26 0.00	53.95 1.86 0.00
CPV_VALLEY__CC1 323721	50.53 0.72 0.00	51.57 1.06 0.00	51.16 1.18 0.00	44.72 1.16 0.00	41.46 1.21 0.00	39.99 1.20 0.00	41.16 1.26 0.00	45.01 1.10 0.00	52.35 0.97 0.00	49.28 0.89 0.00	52.89 0.78 -1.38	60.93 0.89 -13.03	70.69 1.00 -17.07	64.98 1.26 -0.84	67.07 1.47 0.00	59.31 1.66 0.00	53.66 1.92 0.00	69.56 2.78 0.00	83.70 2.63 0.00	68.13 1.54 0.00	78.18 1.27 0.00	65.08 0.70 0.00	58.29 0.72 0.00	52.85 0.75 0.00
CPV_VALLEY__CC2 323722	50.53 0.72 0.00	51.57 1.06 0.00	51.16 1.18 0.00	44.72 1.16 0.00	41.46 1.21 0.00	39.99 1.20 0.00	41.16 1.26 0.00	45.01 1.10 0.00	52.35 0.97 0.00	49.28 0.89 0.00	52.89 0.78 -1.38	60.93 0.89 -13.03	70.69 1.00 -17.07	64.98 1.26 -0.84	67.07 1.47 0.00	59.31 1.66 0.00	53.66 1.92 0.00	69.56 2.78 0.00	83.70 2.63 0.00	68.13 1.54 0.00	78.18 1.27 0.00	65.08 0.70 0.00	58.29 0.72 0.00	52.85 0.75 0.00
CRESCENT__HYD 24018	50.76 0.96 0.00	51.82 1.32 0.00	51.52 1.55 0.00	45.04 1.48 0.00	41.69 1.45 0.00	40.29 1.51 0.00	41.38 1.47 0.00	45.26 1.35 0.00	52.79 1.41 0.00	49.53 1.14 0.00	49.35 0.74 2.13	27.50 0.59 20.10	26.76 0.49 26.34	62.22 0.63 1.30	66.46 0.86 0.00	58.65 1.01 0.00	53.11 1.37 0.00	69.11 2.33 0.00	83.50 2.43 0.00	68.17 1.58 0.00	78.61 1.69 0.00	65.13 0.74 0.00	58.33 0.76 0.00	52.83 0.83 0.00
CRICKET__VALLEY_CC1 323756	50.33 0.53 0.00	51.50 0.99 0.00	51.17 1.20 0.00	44.77 1.21 0.00	41.50 1.26 0.00	40.06 1.28 0.00	41.18 1.28 0.00	44.98 1.07 0.00	52.27 0.89 0.00	49.18 0.79 0.00	28.10 0.53 23.16	-171.16 0.58 218.75	-233.51 0.54 286.67	49.47 0.72 14.13	66.58 0.98 0.00	58.88 1.24 0.00	53.42 1.68 0.00	69.33 2.55 0.00	83.44 2.37 0.00	67.87 1.28 0.00	77.91 0.99 0.00	64.58 0.19 0.00	57.80 0.23 0.00	52.47 0.37 0.00
CRICKET__VALLEY_CC2 323757	50.33 0.53 0.00	51.50 0.99 0.00	51.17 1.20 0.00	44.77 1.21 0.00	41.50 1.26 0.00	40.06 1.28 0.00	41.18 1.28 0.00	44.98 1.07 0.00	52.27 0.89 0.00	49.18 0.79 0.00	28.10 0.53 23.16	-171.16 0.58 218.75	-233.51 0.54 286.67	49.47 0.72 14.13	66.58 0.98 0.00	58.88 1.24 0.00	53.42 1.68 0.00	69.33 2.55 0.00	83.44 2.37 0.00	67.87 1.28 0.00	77.91 0.99 0.00	64.58 0.19 0.00	57.80 0.23 0.00	52.47 0.37 0.00
CRICKET__VALLEY_CC3 323758	50.33 0.53 0.00	51.50 0.99 0.00	51.17 1.20 0.00	44.77 1.21 0.00	41.50 1.26 0.00	40.06 1.28 0.00	41.18 1.28 0.00	44.98 1.07 0.00	52.27 0.89 0.00	49.18 0.79 0.00	28.10 0.53 23.16	-171.16 0.58 218.75	-233.51 0.54 286.67	49.47 0.72 14.13	66.58 0.98 0.00	58.88 1.24 0.00	53.42 1.68 0.00	69.33 2.55 0.00	83.44 2.37 0.00	67.87 1.28 0.00	77.91 0.99 0.00	64.58 0.19 0.00	57.80 0.23 0.00	52.47 0.37 0.00
CRUCIBLE_METL_DRP 24180	51.06 -0.22 -1.48	51.15 -0.21 -0.86	50.45 -0.34 -0.82	43.37 -0.34 -0.14	39.97 -0.28 0.00	38.49 -0.29 0.00	39.58 -0.33 0.00	43.57 -0.50 -0.16	51.81 -0.45 -0.89	48.28 -0.34 -0.23	50.76 -0.21 -0.23	46.80 -0.21 0.00	52.75 -0.05 -0.19	63.29 -0.06 -0.46	65.99 0.06 -0.34	57.77 0.13 0.00	52.07 0.33 0.00	67.97 0.94 -0.25	85.73 1.17 -3.50	69.01 0.94 -1.48	78.41 0.95 -0.54	65.34 0.62 -0.33	58.36 0.45 -0.34	52.49 0.24 -0.16
DAHOWA__HYDRO 323763	52.07 2.27 0.00	53.09 2.59 0.00	52.69 2.71 0.00	45.97 2.41 0.00	42.57 2.33 0.00	41.10 2.31 0.00	42.16 2.26 0.00	46.08 2.17 0.00	53.82 2.45 0.00	50.52 2.13 0.00	50.63 1.63 1.73	31.86 1.21 16.37	32.43 1.27 21.45	63.54 1.72 1.06	67.70 2.10 0.00	59.68 2.04 0.00	54.33 2.59 0.00	71.26 4.48 0.00	86.29 5.22 0.00	70.42 3.83 0.00	81.25 4.33 0.00	67.15 2.76 0.00	60.06 2.49 0.00	54.27 2.17 0.00
DANC__LFGE 323619	53.63 1.76 -2.06	53.19 1.50 -1.19	52.32 1.21 -1.14	44.66 0.91 -0.19	40.93 0.69 0.00	39.54 0.75 0.00	40.63 0.73 0.00	44.74 0.61 -0.23	53.35 0.74 -1.23	49.53 0.82 -0.32	51.98 0.92 -0.32	47.72 0.71 0.00	53.74 0.86 -0.26	64.84 1.31 -0.64	67.18 1.11 -0.47	58.63 0.98 0.00	53.02 1.28 0.00	69.41 2.28 -0.35	89.81 3.89 -4.86	72.28 3.63 -2.06	82.26 4.59 -0.75	68.15 3.31 -0.45	60.52 2.48 -0.47	53.90 1.59 -0.22
DANSKAMMER__1 23586	51.62 1.82 0.00	52.69 2.18 0.00	52.27 2.29 0.00	45.70 2.13 0.00	42.33 2.10 0.00	40.84 2.06 0.00	42.04 2.14 0.00	45.99 2.08 0.00	53.51 2.13 0.00	50.38 1.99 0.00	54.09 1.93 -1.43	62.53 2.01 -13.50	72.59 2.28 -17.70	66.61 2.86 -0.87	68.77 3.17 0.00	60.82 3.18 0.00	55.17 3.42 0.00	71.63 4.85 0.00	86.07 5.00 0.00	69.97 3.38 0.00	80.19 3.28 0.00	66.63 2.25 0.00	59.61 2.04 0.00	54.01 1.92 0.00
DANSKAMMER__2 23589	51.62 1.82 0.00	52.69 2.18 0.00	52.27 2.29 0.00	45.70 2.13 0.00	42.33 2.10 0.00	40.84 2.06 0.00	42.04 2.14 0.00	45.99 2.08 0.00	53.51 2.13 0.00	50.38 1.99 0.00	54.09 1.93 -1.43	62.53 2.01 -13.50	72.59 2.28 -17.70	66.61 2.86 -0.87	68.77 3.17 0.00	60.82 3.18 0.00	55.17 3.42 0.00	71.63 4.85 0.00	86.07 5.00 0.00	69.97 3.38 0.00	80.19 3.28 0.00	66.63 2.25 0.00	59.61 2.04 0.00	54.01 1.92 0.00
DANSKAMMER__3 23590	51.62 1.82 0.00	52.69 2.18 0.00	52.27 2.29 0.00	45.70 2.13 0.00	42.33 2.10 0.00	40.84 2.06 0.00	42.04 2.14 0.00	45.99 2.08 0.00	53.51 2.13 0.00	50.38 1.99 0.00	54.09 1.93 -1.43	62.53 2.01 -13.50	72.59 2.28 -17.70	66.61 2.86 -0.87	68.77 3.17 0.00	60.82 3.18 0.00	55.17 3.42 0.00	71.63 4.85 0.00	86.07 5.00 0.00	69.97 3.38 0.00	80.19 3.28 0.00	66.63 2.25 0.00	59.61 2.04 0.00	54.01 1.92 0.00

DANSKAMMER___4 23591	51.62 1.82 0.00	52.69 2.18 0.00	52.27 2.29 0.00	45.70 2.13 0.00	42.33 2.10 0.00	40.84 2.06 0.00	42.04 2.14 0.00	45.99 2.08 0.00	53.51 2.13 0.00	50.38 1.99 0.00	54.09 1.93 -1.43	62.53 2.01 -13.50	72.59 2.28 -17.70	66.61 2.86 -0.87	68.77 3.17 0.00	60.82 3.18 0.00	55.17 3.42 0.00	71.63 4.85 0.00	86.07 5.00 0.00	69.97 3.38 0.00	80.19 3.28 0.00	66.63 2.25 0.00	59.61 2.04 0.00	54.01 1.92 0.00
DANSKAMMER___DIESEL 23592	51.63 1.82 0.00	52.69 2.18 0.00	52.27 2.30 0.00	45.70 2.13 0.00	42.34 2.10 0.00	40.84 2.06 0.00	42.05 2.14 0.00	45.99 2.07 0.00	53.51 2.13 0.00	50.38 1.99 0.00	54.09 1.92 -1.43	62.53 2.01 -13.50	72.58 2.27 -17.70	66.61 2.86 -0.87	68.77 3.17 0.00	60.82 3.18 0.00	55.17 3.43 0.00	71.65 4.87 0.00	86.07 5.01 0.00	69.97 3.38 0.00	80.21 3.29 0.00	66.64 2.25 0.00	59.61 2.04 0.00	54.01 1.92 0.00
DARBY___SOLAR 323810	51.78 1.97 0.00	52.82 2.31 0.00	52.42 2.45 0.00	45.74 2.18 0.00	42.34 2.10 0.00	40.90 2.11 0.00	41.96 2.06 0.00	45.86 1.95 0.00	53.57 2.19 0.00	50.25 1.86 0.00	50.30 1.37 1.80	31.00 1.01 17.02	31.35 1.05 22.31	63.21 1.43 1.10	67.36 1.76 0.00	59.41 1.77 0.00	53.99 2.25 0.00	70.75 3.96 0.00	85.65 4.58 0.00	69.93 3.33 0.00	80.67 3.75 0.00	66.74 2.36 0.00	59.70 2.12 0.00	53.96 1.86 0.00
DASHVILLE___HYD 23610	51.14 1.34 0.00	52.23 1.73 0.00	51.88 1.91 0.00	45.36 1.79 0.00	42.02 1.78 0.00	40.53 1.75 0.00	41.73 1.83 0.00	45.66 1.75 0.00	53.09 1.71 0.00	49.91 1.52 0.00	53.00 1.40 -0.87	56.87 1.65 -8.21	65.28 1.91 -10.76	65.80 2.38 -0.53	68.09 2.49 0.00	60.22 2.58 0.00	54.59 2.85 0.00	70.77 3.99 0.00	85.16 4.10 0.00	69.26 2.66 0.00	79.44 2.53 0.00	66.02 1.64 0.00	59.09 1.52 0.00	53.57 1.48 0.00
DELAWARE___LFGE 323621	50.89 1.08 0.00	51.87 1.37 0.00	51.50 1.52 0.00	44.96 1.40 0.00	41.58 1.34 0.00	40.09 1.30 0.00	41.24 1.34 0.00	45.19 1.28 0.00	52.72 1.35 0.00	49.52 1.13 0.00	52.01 1.28 0.00	48.25 1.24 0.00	54.08 1.46 0.00	64.69 1.81 0.00	67.59 1.99 0.00	59.46 1.82 0.00	53.58 1.84 0.00	69.41 2.63 0.00	83.92 2.85 0.00	68.65 2.06 0.00	79.03 2.12 0.00	65.90 1.51 0.00	58.93 1.37 0.00	53.27 1.18 0.00
DERFIELD_115KV_TB7 355931	49.89 0.08 0.00	50.68 0.17 0.00	50.23 0.25 0.00	43.81 0.24 0.00	40.49 0.24 0.00	39.04 0.25 0.00	40.15 0.25 0.00	44.10 0.19 0.00	51.53 0.15 0.00	48.46 0.07 0.00	50.78 0.04 0.00	47.06 0.04 0.00	52.63 0.02 0.00	62.93 0.05 0.00	65.73 0.12 0.00	57.81 0.17 0.00	52.00 0.26 0.00	67.31 0.53 0.00	81.57 0.51 0.00	66.88 0.29 0.00	77.14 0.22 0.00	64.40 0.01 0.00	57.57 0.00 0.00	52.10 0.00 0.00
DOGLEVILLE___HYD 23807	50.24 0.44 0.00	51.32 0.81 0.00	51.06 1.09 0.00	44.73 1.16 0.00	41.47 1.23 0.00	40.05 1.27 0.00	41.22 1.32 0.00	44.84 0.93 0.00	51.91 0.53 0.00	48.43 0.04 0.00	50.26 -0.47 0.00	45.90 -1.11 0.00	51.57 -1.05 0.00	61.79 -1.09 0.00	65.28 -0.32 0.00	57.19 -0.45 0.00	51.73 -0.01 0.00	69.21 2.43 0.00	83.42 2.35 0.00	67.74 1.14 0.00	77.95 1.03 0.00	64.64 0.25 0.00	57.72 0.14 0.00	52.01 -0.08 0.00
DUNKIRK___115KV_TB_200 55889	51.68 1.88 0.00	51.71 1.20 0.00	50.48 0.51 0.00	43.65 0.08 0.00	40.56 0.31 0.00	39.16 0.38 0.00	40.05 0.15 0.00	43.47 -0.44 0.00	51.52 0.14 0.00	49.62 1.23 0.00	53.19 2.46 0.00	49.14 2.13 0.00	55.47 2.85 0.00	65.89 3.02 0.00	68.29 2.68 0.00	59.52 1.88 0.00	53.87 2.13 0.00	70.74 3.96 0.00	86.06 4.99 0.00	70.42 3.82 0.00	81.10 4.18 0.00	68.37 3.99 0.00	61.05 3.48 0.00	54.73 2.64 0.00
DUNKIRK___1 23563	51.68 1.88 0.00	51.71 1.20 0.00	50.48 0.51 0.00	43.65 0.08 0.00	40.56 0.31 0.00	39.16 0.38 0.00	40.05 0.15 0.00	43.47 -0.44 0.00	51.52 0.14 0.00	49.62 1.23 0.00	53.19 2.46 0.00	49.14 2.13 0.00	55.47 2.85 0.00	65.89 3.02 0.00	68.29 2.68 0.00	59.52 1.88 0.00	53.87 2.13 0.00	70.74 3.96 0.00	86.06 4.99 0.00	70.42 3.82 0.00	81.10 4.18 0.00	68.37 3.99 0.00	61.05 3.48 0.00	54.73 2.64 0.00
DUNKIRK___2 23564	51.68 1.88 0.00	51.71 1.20 0.00	50.48 0.51 0.00	43.65 0.08 0.00	40.56 0.31 0.00	39.16 0.38 0.00	40.05 0.15 0.00	43.47 -0.44 0.00	51.52 0.14 0.00	49.62 1.23 0.00	53.19 2.46 0.00	49.14 2.13 0.00	55.47 2.85 0.00	65.89 3.02 0.00	68.29 2.68 0.00	59.52 1.88 0.00	53.87 2.13 0.00	70.74 3.96 0.00	86.06 4.99 0.00	70.42 3.82 0.00	81.10 4.18 0.00	68.37 3.99 0.00	61.05 3.48 0.00	54.73 2.64 0.00
DUNKIRK___3 23565	51.42 1.62 0.00	51.56 1.05 0.00	50.39 0.41 0.00	43.53 -0.04 0.00	40.38 0.13 0.00	38.96 0.17 0.00	39.88 -0.03 0.00	43.30 -0.61 0.00	51.34 -0.04 0.00	49.40 1.01 0.00	52.94 2.21 0.00	48.93 1.92 0.00	55.28 2.67 0.00	65.69 2.81 0.00	68.10 2.50 0.00	59.36 1.72 0.00	53.63 1.89 0.00	70.38 3.60 0.00	85.57 4.51 0.00	70.01 3.41 0.00	80.61 3.70 0.00	67.98 3.59 0.00	60.73 3.16 0.00	54.54 2.45 0.00
DUNKIRK___4 23566	51.42 1.62 0.00	51.56 1.05 0.00	50.39 0.41 0.00	43.53 -0.04 0.00	40.38 0.13 0.00	38.96 0.17 0.00	39.88 -0.03 0.00	43.30 -0.61 0.00	51.34 -0.04 0.00	49.40 1.01 0.00	52.94 2.21 0.00	48.93 1.92 0.00	55.28 2.67 0.00	65.69 2.81 0.00	68.10 2.50 0.00	59.36 1.72 0.00	53.63 1.89 0.00	70.38 3.60 0.00	85.57 4.51 0.00	70.01 3.41 0.00	80.61 3.70 0.00	67.98 3.59 0.00	60.73 3.16 0.00	54.54 2.45 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.30 1.50 0.00	52.46 1.96 0.00	52.08 2.11 0.00	45.56 2.00 0.00	42.25 2.01 0.00	40.73 1.95 0.00	41.96 2.06 0.00	45.88 1.97 0.00	53.28 1.90 0.00	50.19 1.80 0.00	54.25 1.70 -1.82	65.95 1.78 -17.16	76.99 1.89 -22.48	66.28 2.29 -1.11	68.17 2.57 0.00	60.34 2.70 0.00	54.69 2.95 0.00	70.87 4.09 0.00	85.10 4.03 0.00	69.13 2.54 0.00	79.20 2.28 0.00	65.86 1.47 0.00	59.03 1.46 0.00	53.64 1.54 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.26 1.45 0.00	52.30 1.79 0.00	51.88 1.91 0.00	45.36 1.79 0.00	42.04 1.80 0.00	40.54 1.76 0.00	41.73 1.83 0.00	45.63 1.73 0.00	53.09 1.71 0.00	49.98 1.59 0.00	53.66 1.49 -1.43	62.13 1.61 -13.50	72.13 1.82 -17.69	66.07 2.32 -0.87	68.17 2.57 0.00	60.30 2.65 0.00	54.65 2.90 0.00	70.97 4.19 0.00	85.28 4.21 0.00	69.34 2.75 0.00	79.50 2.59 0.00	66.11 1.73 0.00	59.18 1.61 0.00	53.63 1.53 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.47 1.67 0.00	52.60 2.09 0.00	52.21 2.24 0.00	45.72 2.15 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.18 2.27 0.00	46.04 2.13 0.00	53.39 2.02 0.00	50.35 1.96 0.00	54.31 1.76 -1.82	66.01 1.85 -17.16	77.05 1.95 -22.48	66.38 2.39 -1.11	68.28 2.68 0.00	60.46 2.82 0.00	54.84 3.10 0.00	70.99 4.21 0.00	85.22 4.15 0.00	69.14 2.54 0.00	79.14 2.22 0.00	65.83 1.44 0.00	59.12 1.55 0.00	53.80 1.71 0.00

E179THST_13_KV_LOAD 356214	51.81 2.01 0.00	52.94 2.44 0.00	52.53 2.56 0.00	46.00 2.44 0.00	42.68 2.44 0.00	41.15 2.36 0.00	42.42 2.51 0.00	46.31 2.40 0.00	53.73 2.35 0.00	50.67 2.28 0.00	54.66 2.11 -1.82	66.35 2.18 -17.16	77.42 2.32 -22.48	66.84 2.85 -1.11	68.74 3.14 0.00	60.88 3.24 0.00	55.23 3.49 0.00	71.50 4.72 0.00	85.80 4.73 0.00	69.61 3.02 0.00	79.68 2.76 0.00	66.28 1.89 0.00	59.53 1.96 0.00	54.15 2.06 0.00
EAST HAMPTON___GT 23717	41.70 3.00 11.10	54.72 4.22 0.00	54.47 4.49 0.00	47.63 4.06 0.00	44.07 3.83 0.00	42.39 3.61 0.00	43.90 4.00 0.00	48.13 4.22 0.00	55.76 4.38 0.00	52.55 4.16 0.00	57.77 5.22 -1.82	69.00 4.83 -17.16	79.15 4.26 -22.28	67.87 4.40 -0.59	67.78 4.82 2.65	31.61 4.59 30.63	34.21 4.81 22.34	30.40 6.70 43.08	35.44 7.68 53.30	31.06 5.62 41.15	36.91 5.53 45.54	32.95 3.95 35.38	33.92 3.58 27.23	55.96 3.86 0.00
EAST RIVER___6 23660	51.40 1.60 0.00	52.54 2.04 0.00	52.15 2.17 0.00	45.66 2.09 0.00	42.37 2.13 0.00	40.84 2.06 0.00	42.09 2.19 0.00	46.03 2.12 0.00	53.39 2.02 0.00	50.35 1.96 0.00	54.35 1.80 -1.82	66.06 1.90 -17.16	77.09 2.00 -22.48	66.42 2.43 -1.11	68.30 2.70 0.00	60.48 2.84 0.00	54.85 3.11 0.00	71.02 4.24 0.00	85.19 4.12 0.00	69.18 2.58 0.00	79.16 2.25 0.00	65.89 1.50 0.00	59.12 1.55 0.00	53.74 1.65 0.00
EAST RIVER___7 23524	51.40 1.60 0.00	52.54 2.04 0.00	52.15 2.17 0.00	45.66 2.09 0.00	42.37 2.13 0.00	40.84 2.06 0.00	42.09 2.19 0.00	46.03 2.12 0.00	53.39 2.02 0.00	50.35 1.96 0.00	54.35 1.80 -1.82	66.06 1.90 -17.16	77.09 2.00 -22.48	66.42 2.43 -1.11	68.30 2.70 0.00	60.48 2.84 0.00	54.85 3.11 0.00	71.02 4.24 0.00	85.19 4.12 0.00	69.18 2.58 0.00	79.16 2.25 0.00	65.89 1.50 0.00	59.12 1.55 0.00	53.74 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.22 1.41 0.00	52.35 1.85 0.00	51.97 1.99 0.00	45.46 1.90 0.00	42.17 1.93 0.00	40.65 1.87 0.00	41.86 1.95 0.00	45.77 1.86 0.00	53.17 1.79 0.00	50.08 1.69 0.00	54.13 1.58 -1.81	65.82 1.69 -17.11	76.84 1.80 -22.42	66.18 2.19 -1.11	68.08 2.47 0.00	60.24 2.60 0.00	54.60 2.86 0.00	70.78 4.00 0.00	85.01 3.95 0.00	69.06 2.46 0.00	79.12 2.21 0.00	65.79 1.41 0.00	58.96 1.39 0.00	53.54 1.45 0.00
EAST_HAMPTON___DIESEL 23722	41.71 3.01 11.10	54.73 4.23 0.00	54.50 4.52 0.00	47.65 4.08 0.00	44.09 3.85 0.00	42.40 3.62 0.00	43.91 4.00 0.00	48.15 4.24 0.00	55.78 4.40 0.00	52.57 4.19 0.00	57.80 5.25 -1.82	69.03 4.86 -17.16	79.19 4.29 -22.28	67.92 4.45 -0.59	67.79 4.83 2.65	31.65 4.63 30.63	34.25 4.85 22.34	30.46 6.76 43.08	35.50 7.73 53.30	31.10 5.66 41.15	36.95 5.57 45.54	32.97 3.96 35.38	33.93 3.59 27.23	55.99 3.89 0.00
EAST_POINT___SOLAR 323840	53.94 4.14 0.00	54.50 4.00 0.00	53.76 3.79 0.00	46.72 3.16 0.00	43.12 2.87 0.00	41.54 2.76 0.00	42.70 2.80 0.00	46.57 2.66 0.00	54.04 2.66 0.00	50.87 2.48 0.00	51.55 1.84 1.03	38.35 1.05 9.71	42.14 2.25 12.72	65.67 3.41 0.63	67.99 2.39 0.00	59.26 1.62 0.00	54.92 3.18 0.00	73.04 6.25 0.00	88.80 7.73 0.00	72.57 5.97 0.00	84.02 7.10 0.00	70.42 6.03 0.00	62.81 5.24 0.00	56.60 4.51 0.00
EAST_PULASKI___ESR 323781	53.28 0.38 -3.09	52.61 0.32 -1.79	51.85 0.16 -1.71	43.89 0.04 -0.28	40.24 -0.01 0.00	38.80 0.02 0.00	39.90 -0.01 0.00	44.08 -0.16 -0.34	53.09 -0.14 -1.85	48.80 -0.07 -0.48	51.23 0.01 -0.49	46.88 -0.13 0.00	52.93 -0.09 -0.40	63.87 0.02 -0.97	66.28 -0.02 -0.70	57.67 0.03 0.00	52.06 0.32 0.00	68.18 0.88 -0.52	89.87 1.49 -7.31	71.14 1.45 -3.09	79.85 1.81 -1.13	66.34 1.27 -0.68	59.19 0.91 -0.71	52.99 0.56 -0.33
EAST_RIVER___1 323558	51.47 1.67 0.00	52.61 2.10 0.00	52.20 2.23 0.00	45.71 2.14 0.00	42.41 2.17 0.00	40.88 2.10 0.00	42.13 2.23 0.00	46.07 2.16 0.00	53.46 2.09 0.00	50.41 2.02 0.00	54.42 1.87 -1.82	66.12 1.95 -17.16	77.16 2.07 -22.48	66.49 2.50 -1.11	68.40 2.79 0.00	60.55 2.90 0.00	54.90 3.16 0.00	71.09 4.31 0.00	85.32 4.26 0.00	69.27 2.67 0.00	79.28 2.37 0.00	65.95 1.56 0.00	59.16 1.59 0.00	53.77 1.68 0.00
EAST_RIVER___2 323559	51.40 1.60 0.00	52.54 2.04 0.00	52.15 2.17 0.00	45.66 2.09 0.00	42.37 2.13 0.00	40.84 2.06 0.00	42.09 2.19 0.00	46.03 2.12 0.00	53.39 2.02 0.00	50.35 1.96 0.00	54.35 1.80 -1.82	66.06 1.90 -17.16	77.09 2.00 -22.48	66.42 2.43 -1.11	68.30 2.70 0.00	60.48 2.84 0.00	54.85 3.11 0.00	71.02 4.24 0.00	85.19 4.12 0.00	69.18 2.58 0.00	79.16 2.25 0.00	65.89 1.50 0.00	59.12 1.55 0.00	53.74 1.65 0.00
EAST___DELAWARE_HYD 23607	50.01 0.21 0.00	50.96 0.45 0.00	50.51 0.54 0.00	44.14 0.57 0.00	40.88 0.64 0.00	39.42 0.64 0.00	40.58 0.68 0.00	44.42 0.51 0.00	51.69 0.31 0.00	48.64 0.25 0.00	51.95 0.07 -1.14	58.17 0.37 -10.78	67.25 0.50 -14.13	64.35 0.77 -0.70	66.42 0.82 0.00	58.87 1.23 0.00	53.40 1.66 0.00	69.35 2.57 0.00	83.45 2.39 0.00	67.92 1.33 0.00	77.91 0.99 0.00	64.78 0.39 0.00	57.93 0.36 0.00	52.45 0.35 0.00
EIGHT_POINT___WT_PWR 323820	50.81 1.01 0.00	51.14 0.63 0.00	50.03 0.05 0.00	43.34 -0.22 0.00	40.10 -0.15 0.00	38.47 -0.32 0.00	39.80 -0.11 0.00	43.70 -0.21 0.00	51.77 0.39 0.00	49.33 0.94 0.00	52.04 1.30 0.00	47.95 0.94 0.00	53.95 1.34 0.00	64.16 1.28 0.00	66.80 1.20 0.00	58.42 0.78 0.00	52.89 1.15 0.00	69.33 2.55 0.00	84.88 3.82 0.00	69.99 3.39 0.00	80.65 3.74 0.00	67.01 2.62 0.00	59.27 1.70 0.00	53.16 1.07 0.00
ELBRIDGE_115KV_TB2 80188	51.08 -0.23 -1.51	51.16 -0.22 -0.87	50.41 -0.40 -0.83	43.37 -0.34 -0.14	39.97 -0.27 0.00	38.50 -0.28 0.00	39.59 -0.31 0.00	43.53 -0.54 -0.16	51.80 -0.48 -0.90	48.25 -0.37 -0.23	50.73 -0.24 -0.24	46.77 -0.24 0.00	52.71 -0.09 -0.19	63.20 -0.15 -0.47	65.89 -0.05 -0.34	57.67 0.02 0.00	51.97 0.22 0.00	67.82 0.79 -0.25	85.65 1.02 -3.56	68.95 0.85 -1.50	78.31 0.84 -0.55	65.28 0.56 -0.33	58.28 0.37 -0.35	52.44 0.18 -0.16
ELEC_TRO_TEK 24086	49.24 1.19 1.75	52.66 2.16 0.00	52.36 2.38 0.00	45.81 2.24 0.00	42.43 2.19 0.00	40.87 2.09 0.00	42.18 2.28 0.00	46.12 2.21 0.00	53.31 1.93 0.00	50.10 1.71 0.00	54.67 2.12 -1.82	66.30 2.13 -17.16	76.98 1.88 -22.49	65.96 1.97 -1.11	67.68 2.34 0.27	55.24 2.37 4.77	51.07 2.64 3.31	64.02 3.68 6.44	76.67 3.57 7.97	62.26 2.14 6.47	71.50 1.75 7.16	59.91 1.08 5.56	54.26 0.97 4.28	53.67 1.57 0.00
ELLENBURG_WT_PWR 323604	49.93 0.13 0.00	50.45 -0.05 0.00	49.71 -0.27 0.00	43.20 -0.36 0.00	39.79 -0.45 0.00	38.33 -0.45 0.00	39.44 -0.46 0.00	43.72 -0.19 0.00	51.31 -0.07 0.00	48.47 0.08 0.00	50.80 0.06 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.76 -0.12 0.00	65.31 -0.29 0.00	57.02 -0.62 0.00	50.77 -0.98 0.00	64.83 -1.96 0.00	79.41 -1.65 0.00	65.34 -1.26 0.00	75.96 -0.96 0.00	63.93 -0.46 0.00	57.10 -0.47 0.00	51.67 -0.43 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.86 1.06 0.00	51.21 0.70 0.00	50.16 0.18 0.00	43.29 -0.27 0.00	39.98 -0.27 0.00	38.52 -0.26 0.00	39.49 -0.41 0.00	42.93 -0.98 0.00	50.92 -0.45 0.00	48.93 0.54 0.00	52.42 1.69 0.00	48.47 1.46 0.00	54.88 2.27 0.00	65.22 2.34 0.00	67.66 2.06 0.00	58.93 1.29 0.00	53.11 1.37 0.00	69.49 2.71 0.00	84.52 3.45 0.00	69.07 2.47 0.00	79.52 2.60 0.00	67.13 2.75 0.00	60.08 2.51 0.00	54.18 2.08 0.00
EMPIRE_CC_1 323656	49.63 -0.17 0.00	50.70 0.20 0.00	50.49 0.51 0.00	44.20 0.64 0.00	40.93 0.69 0.00	39.59 0.81 0.00	40.67 0.77 0.00	44.43 0.52 0.00	51.74 0.36 0.00	48.56 0.17 0.00	47.72 -0.27 2.74	20.84 -0.26 25.90	18.11 -0.56 33.95	60.50 -0.70 1.67	65.02 -0.59 0.00	57.39 -0.26 0.00	51.98 0.24 0.00	67.42 0.64 0.00	81.39 0.32 0.00	66.44 -0.16 0.00	76.56 -0.36 0.00	63.44 -0.95 0.00	56.87 -0.70 0.00	51.61 -0.49 0.00
EMPIRE_CC_2 323658	49.63 -0.17 0.00	50.70 0.20 0.00	50.49 0.51 0.00	44.20 0.64 0.00	40.93 0.69 0.00	39.59 0.81 0.00	40.67 0.77 0.00	44.43 0.52 0.00	51.74 0.36 0.00	48.56 0.17 0.00	47.72 -0.27 2.74	20.84 -0.26 25.90	18.11 -0.56 33.95	60.50 -0.70 1.67	65.02 -0.59 0.00	57.39 -0.26 0.00	51.98 0.24 0.00	67.42 0.64 0.00	81.39 0.32 0.00	66.44 -0.16 0.00	76.56 -0.36 0.00	63.44 -0.95 0.00	56.87 -0.70 0.00	51.61 -0.49 0.00
ENORWICH_115KV_TB1 80156	53.15 3.35 0.00	53.80 3.29 0.00	53.22 3.25 0.00	46.29 2.73 0.00	42.71 2.46 0.00	41.23 2.44 0.00	42.38 2.48 0.00	46.48 2.57 0.00	54.52 3.14 0.00	51.52 3.13 0.00	54.53 3.79 0.00	50.30 3.29 0.00	56.51 3.90 0.00	67.59 4.71 0.00	70.90 5.29 0.00	62.11 4.47 0.00	55.46 3.72 0.00	72.63 5.85 0.00	88.36 7.29 0.00	72.94 6.35 0.00	83.96 7.04 0.00	69.88 5.49 0.00	61.73 4.16 0.00	55.36 3.26 0.00
ERIE_ST__34_KV_TB1-2 80199	51.18 1.37 0.00	51.54 1.04 0.00	50.45 0.47 0.00	43.56 -0.01 0.00	40.24 0.00 0.00	38.73 -0.05 0.00	39.77 -0.13 0.00	43.21 -0.70 0.00	51.28 -0.10 0.00	49.32 0.93 0.00	52.87 2.14 0.00	49.02 2.01 0.00	55.53 2.92 0.00	66.07 3.19 0.00	68.67 3.07 0.00	59.86 2.22 0.00	54.03 2.29 0.00	70.74 3.96 0.00	85.84 4.77 0.00	70.14 3.54 0.00	80.68 3.76 0.00	67.99 3.60 0.00	60.77 3.20 0.00	54.74 2.65 0.00
ERIE_WT_PWR 323693	51.15 1.34 0.00	51.49 0.98 0.00	50.40 0.43 0.00	43.45 -0.12 0.00	40.13 -0.12 0.00	38.69 -0.09 0.00	39.67 -0.23 0.00	43.12 -0.78 0.00	51.18 -0.20 0.00	49.17 0.78 0.00	52.66 1.93 0.00	48.72 1.71 0.00	55.15 2.54 0.00	65.62 2.74 0.00	68.08 2.47 0.00	59.36 1.72 0.00	53.49 1.75 0.00	70.00 3.22 0.00	85.19 4.13 0.00	69.67 3.07 0.00	80.18 3.27 0.00	67.63 3.24 0.00	60.43 2.86 0.00	54.46 2.36 0.00
ESPRGFLD_115KV_TB1 80157	52.87 3.07 0.00	53.48 2.97 0.00	52.74 2.77 0.00	45.86 2.29 0.00	42.31 2.07 0.00	40.71 1.93 0.00	41.85 1.95 0.00	46.04 2.13 0.00	53.85 2.47 0.00	50.81 2.42 0.00	53.08 2.96 0.62	43.98 2.83 5.86	48.35 3.41 7.68	66.73 4.23 0.38	70.12 4.52 0.00	61.40 3.76 0.00	55.10 3.36 0.00	71.31 4.53 0.00	86.89 5.82 0.00	71.42 4.82 0.00	82.49 5.57 0.00	69.14 4.75 0.00	61.65 4.08 0.00	55.60 3.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.90 1.10 0.00	51.65 1.14 0.00	50.96 0.98 0.00	44.36 0.79 0.00	41.04 0.80 0.00	39.52 0.74 0.00	40.65 0.75 0.00	44.51 0.60 0.00	52.15 0.77 0.00	49.10 0.71 0.00	51.73 1.00 0.00	47.76 0.75 0.00	53.60 0.98 0.00	64.05 1.17 0.00	66.94 1.34 0.00	58.94 1.30 0.00	53.08 1.34 0.00	69.30 2.51 0.00	84.38 3.32 0.00	69.54 2.94 0.00	80.29 3.37 0.00	67.08 2.69 0.00	59.68 2.11 0.00	53.73 1.63 0.00
ETNA____115KV_TB2 80207	50.90 1.10 0.00	51.65 1.14 0.00	50.96 0.98 0.00	44.36 0.79 0.00	41.04 0.80 0.00	39.52 0.74 0.00	40.65 0.75 0.00	44.51 0.60 0.00	52.15 0.77 0.00	49.10 0.71 0.00	51.73 1.00 0.00	47.76 0.75 0.00	53.60 0.98 0.00	64.05 1.17 0.00	66.94 1.34 0.00	58.94 1.30 0.00	53.08 1.34 0.00	69.30 2.51 0.00	84.38 3.32 0.00	69.54 2.94 0.00	80.29 3.37 0.00	67.08 2.69 0.00	59.68 2.11 0.00	53.73 1.63 0.00
EUCLID__115KV_TB2 356179	50.03 -0.49 -0.71	50.43 -0.49 -0.41	49.79 -0.58 -0.40	43.08 -0.56 -0.07	39.76 -0.48 0.00	38.30 -0.48 0.00	39.39 -0.51 0.00	43.29 -0.70 -0.08	51.07 -0.73 -0.43	47.91 -0.59 -0.11	50.38 -0.47 -0.11	46.58 -0.43 0.00	52.40 -0.30 -0.09	62.76 -0.35 -0.22	65.48 -0.28 -0.16	57.44 -0.20 0.00	51.76 0.02 0.00	67.38 0.48 -0.12	83.31 0.56 -1.68	67.67 0.36 -0.71	77.45 0.27 -0.26	64.62 0.08 -0.16	57.70 -0.03 -0.16	52.00 -0.17 -0.08
E_CANADA_CAP_HY 24051	53.52 3.72 0.00	54.02 3.51 0.00	53.22 3.24 0.00	46.21 2.65 0.00	42.62 2.38 0.00	41.01 2.23 0.00	42.14 2.24 0.00	46.31 2.40 0.00	54.09 2.71 0.00	50.96 2.57 0.00	52.64 2.84 0.93	40.73 2.47 8.75	44.13 2.98 11.47	66.22 3.90 0.57	69.91 4.30 0.00	60.97 3.33 0.00	54.85 3.11 0.00	71.49 4.71 0.00	87.44 6.38 0.00	71.83 5.23 0.00	83.13 6.21 0.00	69.76 5.37 0.00	62.27 4.70 0.00	56.19 4.10 0.00
E_CANADA_MHWK_HY 24050	50.24 0.44 0.00	51.32 0.81 0.00	51.06 1.09 0.00	44.73 1.16 0.00	41.47 1.23 0.00	40.05 1.27 0.00	41.22 1.32 0.00	44.84 0.93 0.00	51.91 0.53 0.00	48.43 0.04 0.00	50.27 -0.47 0.00	45.90 -1.11 0.00	51.57 -1.05 0.00	61.79 -1.09 0.00	65.28 -0.32 0.00	57.19 -0.45 0.00	51.73 -0.01 0.00	69.21 2.43 0.00	83.42 2.35 0.00	67.74 1.14 0.00	77.95 1.03 0.00	64.64 0.25 0.00	57.72 0.14 0.00	52.01 -0.08 0.00
E_FISHKILL__LBMP 23776	50.80 0.99 0.00	51.94 1.44 0.00	51.59 1.62 0.00	45.13 1.57 0.00	41.85 1.61 0.00	40.36 1.57 0.00	41.53 1.63 0.00	45.41 1.50 0.00	52.77 1.40 0.00	49.66 1.27 0.00	53.69 1.09 -1.86	65.78 1.18 -17.59	76.89 1.23 -23.05	65.53 1.51 -1.14	67.38 1.77 0.00	59.58 1.94 0.00	54.01 2.26 0.00	70.02 3.24 0.00	84.18 3.11 0.00	68.47 1.87 0.00	78.52 1.61 0.00	65.25 0.86 0.00	58.46 0.89 0.00	53.07 0.97 0.00
FALCON__SEABRD_CC1 323796	49.73 -0.07 0.00	50.44 -0.06 0.00	49.71 -0.27 0.00	43.18 -0.38 0.00	39.77 -0.47 0.00	38.31 -0.47 0.00	39.42 -0.49 0.00	43.69 -0.22 0.00	51.28 -0.09 0.00	48.40 0.01 0.00	50.53 -0.20 0.00	46.77 -0.24 0.00	52.28 -0.34 0.00	62.43 -0.46 0.00	64.96 -0.65 0.00	56.71 -0.93 0.00	50.47 -1.27 0.00	64.47 -2.31 0.00	79.07 -1.99 0.00	65.10 -1.50 0.00	75.70 -1.22 0.00	63.67 -0.72 0.00	56.86 -0.71 0.00	51.46 -0.63 0.00
FALCON__SEABRD_CC2 323797	49.73 -0.07 0.00	50.44 -0.06 0.00	49.71 -0.27 0.00	43.18 -0.38 0.00	39.77 -0.47 0.00	38.31 -0.47 0.00	39.42 -0.49 0.00	43.69 -0.22 0.00	51.28 -0.09 0.00	48.40 0.01 0.00	50.53 -0.20 0.00	46.77 -0.24 0.00	52.28 -0.34 0.00	62.43 -0.46 0.00	64.96 -0.65 0.00	56.71 -0.93 0.00	50.47 -1.27 0.00	64.47 -2.31 0.00	79.07 -1.99 0.00	65.10 -1.50 0.00	75.70 -1.22 0.00	63.67 -0.72 0.00	56.86 -0.71 0.00	51.46 -0.63 0.00

FAR ROCKAWAY___4 23548	51.79 1.99 0.00	53.39 2.88 0.00	53.53 3.55 0.00	46.85 3.28 0.00	43.36 3.12 0.00	41.73 2.95 0.00	43.08 3.17 0.00	47.14 3.23 0.00	54.46 3.08 0.00	51.11 2.72 0.00	55.81 3.26 -1.82	67.40 3.23 -17.16	77.88 2.51 -22.75	66.84 2.86 -1.11	68.90 3.30 0.00	60.68 2.93 -0.11	56.65 3.30 -1.60	74.05 4.58 -2.69	89.67 5.34 -3.26	69.90 3.30 0.00	79.96 3.05 0.00	66.49 2.10 0.00	59.65 2.08 0.00	54.78 2.68 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.48 1.68 0.00	52.63 2.12 0.00	52.21 2.23 0.00	45.72 2.15 0.00	42.41 2.17 0.00	40.89 2.11 0.00	42.13 2.23 0.00	46.07 2.16 0.00	53.47 2.10 0.00	50.42 2.03 0.00	54.42 1.87 -1.82	66.11 1.95 -17.16	77.16 2.06 -22.48	66.49 2.50 -1.11	68.40 2.80 0.00	60.55 2.91 0.00	54.91 3.17 0.00	71.11 4.33 0.00	85.34 4.28 0.00	69.28 2.68 0.00	79.30 2.38 0.00	65.95 1.56 0.00	59.16 1.59 0.00	53.78 1.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.50 1.70 0.00	52.64 2.14 0.00	52.24 2.27 0.00	45.73 2.16 0.00	42.43 2.19 0.00	40.90 2.12 0.00	42.15 2.24 0.00	46.09 2.18 0.00	53.49 2.12 0.00	50.43 2.05 0.00	54.44 1.89 -1.82	66.13 1.96 -17.16	77.17 2.08 -22.48	66.52 2.54 -1.11	68.42 2.82 0.00	60.57 2.93 0.00	54.93 3.19 0.00	71.14 4.36 0.00	85.36 4.30 0.00	69.28 2.68 0.00	79.32 2.40 0.00	65.98 1.59 0.00	59.22 1.65 0.00	53.80 1.71 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.44 1.63 0.00	52.58 2.07 0.00	52.19 2.21 0.00	45.68 2.11 0.00	42.38 2.14 0.00	40.85 2.07 0.00	42.10 2.20 0.00	46.04 2.13 0.00	53.44 2.06 0.00	50.39 2.00 0.00	54.37 1.82 -1.82	66.07 1.90 -17.16	77.10 2.01 -22.48	66.42 2.44 -1.11	68.34 2.74 0.00	60.49 2.85 0.00	54.85 3.12 0.00	71.04 4.26 0.00	85.27 4.20 0.00	69.21 2.61 0.00	79.22 2.30 0.00	65.88 1.50 0.00	59.11 1.54 0.00	53.73 1.63 0.00
FARRAGUT___LBMP 323566	51.39 1.59 0.00	52.53 2.03 0.00	52.14 2.16 0.00	45.64 2.08 0.00	42.35 2.11 0.00	40.82 2.04 0.00	42.07 2.16 0.00	46.00 2.09 0.00	53.39 2.01 0.00	50.33 1.94 0.00	54.32 1.77 -1.82	66.02 1.86 -17.16	77.04 1.95 -22.48	66.36 2.37 -1.11	68.25 2.65 0.00	60.44 2.79 0.00	54.80 3.06 0.00	70.97 4.18 0.00	85.18 4.12 0.00	69.14 2.54 0.00	79.14 2.23 0.00	65.82 1.44 0.00	59.06 1.49 0.00	53.69 1.59 0.00
FENNER___WINDPWR 24204	51.04 1.24 0.00	51.73 1.23 0.00	51.01 1.03 0.00	44.44 0.88 0.00	41.07 0.83 0.00	39.54 0.76 0.00	40.71 0.80 0.00	44.67 0.76 0.00	52.23 0.85 0.00	49.29 0.90 0.00	51.86 1.12 0.00	48.07 1.06 0.00	53.92 1.30 0.00	64.51 1.63 0.00	67.47 1.86 0.00	59.14 1.50 0.00	53.30 1.56 0.00	69.34 2.56 0.00	84.42 3.36 0.00	69.48 2.88 0.00	80.16 3.24 0.00	66.83 2.44 0.00	59.41 1.84 0.00	53.46 1.37 0.00
FIBERTEK___ENERGY 23856	51.06 -0.22 -1.48	51.15 -0.21 -0.86	50.45 -0.34 -0.82	43.37 -0.34 -0.14	39.97 -0.28 0.00	38.49 -0.29 0.00	39.58 -0.33 0.00	43.57 -0.50 -0.16	51.81 -0.45 -0.89	48.28 -0.34 -0.23	50.76 -0.21 -0.23	46.80 -0.21 0.00	52.75 -0.05 -0.19	63.29 -0.06 -0.46	65.99 0.06 -0.34	57.77 0.13 0.00	52.07 0.33 0.00	67.97 0.94 -0.25	85.73 1.17 -3.50	69.01 0.94 -1.48	78.41 0.95 -0.54	65.34 0.62 -0.33	58.36 0.45 -0.34	52.49 0.24 -0.16
FITZPATRICK___ 23598	34.69 -1.30 13.82	41.23 -1.30 7.97	40.98 -1.36 7.64	41.08 -1.22 1.27	39.15 -1.09 0.00	37.72 -1.06 0.00	38.79 -1.11 0.00	41.06 -1.34 1.51	41.59 -1.51 8.28	44.91 -1.34 2.14	47.25 -1.31 2.18	45.79 -1.22 0.00	49.58 -1.26 1.77	57.04 -1.50 4.33	60.95 -1.52 3.13	56.34 -1.31 0.00	50.72 -1.02 0.00	63.47 -0.99 2.32	47.23 -1.20 32.64	51.72 -1.06 13.82	70.54 -1.33 5.05	60.13 -1.21 3.04	53.25 -1.15 3.17	49.48 -1.13 1.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.76 1.96 0.00	52.83 2.32 0.00	52.40 2.43 0.00	45.81 2.24 0.00	42.45 2.21 0.00	40.93 2.15 0.00	42.14 2.23 0.00	46.11 2.20 0.00	53.65 2.27 0.00	50.52 2.13 0.00	54.28 2.08 -1.47	63.04 2.16 -13.87	73.22 2.43 -18.17	66.83 3.05 -0.90	69.00 3.40 0.00	61.02 3.38 0.00	55.36 3.62 0.00	71.89 5.11 0.00	86.34 5.27 0.00	70.19 3.60 0.00	80.44 3.52 0.00	66.82 2.43 0.00	59.77 2.20 0.00	54.14 2.05 0.00
FORT ORANGE___ 23900	49.75 -0.06 0.00	50.74 0.23 0.00	50.46 0.49 0.00	44.14 0.57 0.00	40.85 0.61 0.00	39.46 0.68 0.00	40.57 0.67 0.00	44.40 0.49 0.00	51.72 0.35 0.00	48.52 0.13 0.00	49.16 -0.25 1.32	34.20 -0.31 12.49	35.52 -0.71 16.38	61.21 -0.87 0.81	65.04 -0.57 0.00	57.26 -0.39 0.00	51.66 -0.08 0.00	67.22 0.43 0.00	81.41 0.35 0.00	66.47 -0.13 0.00	76.49 -0.43 0.00	63.55 -0.84 0.00	56.87 -0.70 0.00	51.47 -0.62 0.00
FORT_DRUM_COGEN 23780	54.78 3.54 -1.44	54.49 3.16 -0.83	53.48 2.71 -0.80	45.87 2.17 -0.13	42.01 1.77 0.00	40.61 1.83 0.00	41.72 1.82 0.00	45.79 1.72 -0.16	54.18 1.94 -0.86	50.62 2.01 -0.22	53.11 2.14 -0.23	48.82 1.81 0.00	54.88 2.08 -0.18	66.29 2.96 -0.45	68.60 2.67 -0.33	60.00 2.36 0.00	54.30 2.56 0.00	71.08 4.05 -0.24	91.33 6.86 -3.41	74.43 6.39 -1.44	85.53 8.08 -0.53	70.80 6.09 -0.32	62.63 4.73 -0.33	55.57 3.32 -0.16
FOX_HILLS___ESR 323835	51.42 1.61 0.00	52.11 1.88 0.27	51.19 2.00 0.78	45.69 2.13 0.00	42.39 2.15 0.00	40.86 2.08 0.00	42.12 2.21 0.00	45.97 2.06 0.00	53.16 1.87 0.08	50.26 1.87 0.00	54.11 1.56 -1.82	65.84 1.67 -17.16	76.77 1.67 -22.48	66.03 2.04 -1.11	67.94 2.34 0.00	60.21 2.57 0.00	54.67 2.93 0.00	70.75 3.97 0.00	84.89 3.82 0.00	68.86 2.27 0.00	78.79 1.87 0.00	65.58 1.19 0.00	58.98 1.41 0.00	53.69 1.60 0.00
FPL_FAR_ROCK_GT1 24212	51.79 1.98 0.00	53.39 2.88 0.00	53.54 3.56 0.00	46.85 3.28 0.00	43.36 3.12 0.00	41.74 2.95 0.00	43.08 3.17 0.00	47.14 3.23 0.00	54.46 3.08 0.00	51.11 2.72 0.00	55.81 3.26 -1.82	67.39 3.22 -17.16	77.89 2.53 -22.75	66.84 2.86 -1.11	68.89 3.29 0.00	60.67 2.91 -0.11	56.61 3.27 -1.60	73.97 4.49 -2.69	89.59 5.26 -3.26	69.88 3.28 0.00	79.94 3.03 0.00	66.47 2.08 0.00	59.62 2.05 0.00	54.77 2.68 0.00
FPL_FAR_ROCK_GT2 23815	51.79 1.98 0.00	53.39 2.88 0.00	53.54 3.56 0.00	46.85 3.28 0.00	43.36 3.12 0.00	41.74 2.95 0.00	43.08 3.17 0.00	47.14 3.23 0.00	54.46 3.08 0.00	51.11 2.72 0.00	55.81 3.26 -1.82	67.39 3.22 -17.16	77.89 2.53 -22.75	66.84 2.86 -1.11	68.89 3.29 0.00	60.67 2.91 -0.11	56.61 3.27 -1.60	73.97 4.49 -2.69	89.59 5.26 -3.26	69.88 3.28 0.00	79.94 3.03 0.00	66.47 2.08 0.00	59.62 2.05 0.00	54.77 2.68 0.00
FRANKLIN_FALL_HYD 24054	50.86 1.05 0.00	51.22 0.71 0.00	50.41 0.44 0.00	43.78 0.21 0.00	40.29 0.04 0.00	38.80 0.02 0.00	39.94 0.04 0.00	44.26 0.35 0.00	51.96 0.58 0.00	49.10 0.71 0.00	51.62 0.89 0.00	47.79 0.79 0.00	53.42 0.80 0.00	63.77 0.89 0.00	66.38 0.78 0.00	57.97 0.33 0.00	51.64 -0.10 0.00	65.90 -0.88 0.00	81.17 0.11 0.00	67.00 0.41 0.00	77.98 1.06 0.00	65.73 1.34 0.00	58.58 1.01 0.00	52.92 0.83 0.00

FREEPORT_EQUS_GT1 23764	45.58 1.49 5.71	53.03 2.53 0.00	52.73 2.76 0.00	46.12 2.55 0.00	42.71 2.47 0.00	41.11 2.33 0.00	42.45 2.55 0.00	46.43 2.52 0.00	53.67 2.30 0.00	50.41 2.02 0.00	55.08 2.52 -1.82	66.71 2.53 -17.16	77.41 2.31 -22.49	66.21 2.22 -1.11	67.26 2.54 0.88	44.62 2.58 15.60	43.74 2.82 10.83	49.57 3.83 21.05	58.76 3.76 26.07	47.76 2.32 21.16	55.45 1.94 23.41	47.62 1.42 18.19	44.83 1.26 13.99	53.99 1.89 0.00
FREEPORT___CT2 23818	45.58 1.49 5.71	53.03 2.53 0.00	52.73 2.76 0.00	46.12 2.55 0.00	42.71 2.47 0.00	41.11 2.33 0.00	42.45 2.55 0.00	46.43 2.52 0.00	53.67 2.30 0.00	50.41 2.02 0.00	55.08 2.52 -1.82	66.71 2.53 -17.16	77.41 2.31 -22.49	66.21 2.22 -1.11	67.26 2.54 0.88	44.62 2.58 15.60	43.74 2.82 10.83	49.57 3.83 21.05	58.76 3.76 26.07	47.76 2.32 21.16	55.45 1.94 23.41	47.62 1.42 18.19	44.83 1.26 13.99	53.99 1.89 0.00
FRESHKLS_33_KV_LOAD 356253	51.43 1.63 0.00	52.06 1.83 0.27	51.12 1.92 0.78	45.71 2.15 0.00	42.41 2.17 0.00	40.89 2.11 0.00	42.14 2.24 0.00	45.98 2.07 0.00	53.11 1.82 0.08	50.23 1.84 0.00	54.00 1.45 -1.81	65.72 1.56 -17.15	76.66 1.57 -22.48	65.94 1.95 -1.11	67.85 2.25 0.00	60.16 2.52 0.00	54.65 2.91 0.00	70.72 3.94 0.00	84.89 3.83 0.00	68.89 2.29 0.00	78.84 1.92 0.00	65.59 1.20 0.00	58.98 1.40 0.00	53.72 1.63 0.00
FULTON COGEN____ 23766	52.92 -0.59 -3.71	52.07 -0.58 -2.14	51.38 -0.65 -2.05	43.28 -0.62 -0.34	39.68 -0.56 0.00	38.23 -0.55 0.00	39.32 -0.59 0.00	43.56 -0.76 -0.41	52.79 -0.80 -2.22	48.28 -0.68 -0.57	50.75 -0.57 -0.58	46.43 -0.58 -0.55	52.54 -0.62 -0.62	63.42 -0.58 -0.43	65.86 -0.43 0.00	57.21 0.00 0.00	51.55 0.00 0.00	67.63 0.22 -0.62	90.11 0.29 -8.75	70.51 0.21 -3.70	78.38 0.11 -1.35	65.14 -0.07 -0.82	58.23 -0.19 -0.85	52.21 -0.28 -0.40
FULTON___LFGE 323630	53.35 3.55 0.00	54.00 3.49 0.00	53.32 3.34 0.00	46.38 2.81 0.00	42.82 2.58 0.00	41.24 2.46 0.00	42.39 2.48 0.00	46.41 2.50 0.00	54.03 2.65 0.00	50.62 2.23 0.00	51.73 2.05 1.05	38.28 1.22 9.95	40.99 1.41 13.04	64.59 2.36 0.64	69.38 3.78 0.00	60.09 2.45 0.00	53.81 2.07 0.00	71.56 4.78 0.00	87.78 6.71 0.00	71.84 5.24 0.00	83.04 6.12 0.00	69.44 5.05 0.00	61.99 4.42 0.00	55.90 3.80 0.00
G.F.CEMENT___DRP 24184	52.49 2.69 0.00	53.50 3.00 0.00	53.05 3.07 0.00	46.23 2.66 0.00	42.82 2.58 0.00	41.33 2.55 0.00	42.36 2.46 0.00	46.25 2.35 0.00	54.04 2.66 0.00	50.68 2.29 0.00	50.86 1.74 1.62	33.13 1.37 15.25	34.15 1.52 19.99	64.01 2.12 0.99	68.18 2.58 0.00	60.10 2.46 0.00	54.76 3.02 0.00	72.13 5.35 0.00	87.27 6.21 0.00	71.16 4.57 0.00	82.15 5.23 0.00	67.76 3.37 0.00	60.56 2.99 0.00	54.67 2.58 0.00
GARDENVILLE___LBMP 24039	50.99 1.18 0.00	51.31 0.80 0.00	50.22 0.24 0.00	43.34 -0.22 0.00	40.04 -0.20 0.00	38.59 -0.19 0.00	39.57 -0.34 0.00	43.01 -0.90 0.00	51.02 -0.36 0.00	49.02 0.63 0.00	52.51 1.77 0.00	48.56 1.55 0.00	54.98 2.36 0.00	65.36 2.48 0.00	67.80 2.20 0.00	59.08 1.43 0.00	53.24 1.50 0.00	69.70 2.92 0.00	84.78 3.72 0.00	69.32 2.73 0.00	79.82 2.90 0.00	67.33 2.94 0.00	60.21 2.64 0.00	54.26 2.17 0.00
GARDNVLA_35_KV_LD 355827	51.23 1.43 0.00	51.57 1.06 0.00	50.47 0.49 0.00	43.54 -0.03 0.00	40.21 -0.04 0.00	38.74 -0.04 0.00	39.73 -0.18 0.00	43.20 -0.71 0.00	51.25 -0.13 0.00	49.26 0.87 0.00	52.81 2.07 0.00	48.85 1.84 0.00	55.35 2.74 0.00	65.81 2.94 0.00	68.32 2.72 0.00	59.54 1.90 0.00	53.65 1.91 0.00	70.23 3.45 0.00	85.44 4.37 0.00	69.86 3.27 0.00	80.41 3.49 0.00	67.79 3.40 0.00	60.62 3.05 0.00	54.62 2.52 0.00
GELCKHM___115KV_LOAD 80723	50.46 -0.39 -1.05	50.73 -0.38 -0.60	50.07 -0.49 -0.58	43.19 -0.47 -0.10	39.83 -0.42 0.00	38.37 -0.41 0.00	39.45 -0.46 0.00	43.39 -0.63 -0.11	51.36 -0.64 -0.63	48.05 -0.50 -0.16	50.53 -0.37 -0.16	46.66 -0.35 0.00	52.55 -0.20 -0.13	63.00 -0.21 -0.33	65.73 -0.11 -0.24	57.60 -0.04 0.00	51.91 0.17 0.00	67.65 0.69 -0.18	84.40 0.86 -2.48	68.22 0.58 -1.05	77.82 0.52 -0.38	64.89 0.27 -0.23	57.95 0.14 -0.24	52.19 -0.02 -0.11
GENERAL___MILLS 23808	51.11 1.30 0.00	51.44 0.94 0.00	50.36 0.38 0.00	43.44 -0.12 0.00	40.13 -0.12 0.00	38.67 -0.11 0.00	39.65 -0.25 0.00	43.10 -0.81 0.00	51.14 -0.23 0.00	49.13 0.74 0.00	52.65 1.91 0.00	48.70 1.69 0.00	55.16 2.54 0.00	65.57 2.69 0.00	68.06 2.46 0.00	59.30 1.66 0.00	53.44 1.70 0.00	69.94 3.16 0.00	85.07 4.01 0.00	69.56 2.96 0.00	80.10 3.18 0.00	67.56 3.17 0.00	60.41 2.84 0.00	54.44 2.34 0.00
GE_PLASTICS___DRP 24183	49.41 -0.39 0.00	50.43 -0.08 0.00	50.18 0.20 0.00	43.92 0.36 0.00	40.68 0.44 0.00	39.27 0.49 0.00	40.39 0.49 0.00	44.18 0.27 0.00	51.50 0.12 0.00	48.29 -0.10 0.00	49.32 -0.39 1.03	36.94 -0.37 9.70	39.20 -0.69 12.72	61.41 -0.84 0.63	64.93 -0.67 0.00	57.21 -0.43 0.00	51.67 -0.06 0.00	67.08 0.30 0.00	81.04 -0.03 0.00	66.18 -0.41 0.00	76.14 -0.78 0.00	63.26 -1.13 0.00	56.64 -0.93 0.00	51.30 -0.80 0.00
GILBOA___1 23756	50.22 0.42 0.00	51.43 0.92 0.00	51.41 1.43 0.00	45.02 1.46 0.00	41.69 1.45 0.00	40.21 1.43 0.00	41.36 1.45 0.00	45.27 1.36 0.00	52.57 1.19 0.00	48.94 0.55 0.00	51.45 0.42 -0.29	50.22 0.43 -2.78	56.69 0.43 -3.64	63.57 0.51 -0.18	66.29 0.69 0.00	58.34 0.70 0.00	52.69 0.95 0.00	68.18 1.40 0.00	82.28 1.21 0.00	67.25 0.66 0.00	77.49 0.57 0.00	64.44 0.05 0.00	57.87 0.30 0.00	52.44 0.34 0.00
GILBOA___2 23757	50.22 0.42 0.00	51.43 0.92 0.00	51.41 1.43 0.00	45.02 1.46 0.00	41.69 1.45 0.00	40.21 1.43 0.00	41.36 1.45 0.00	45.27 1.36 0.00	52.57 1.19 0.00	48.94 0.55 0.00	51.45 0.42 -0.29	50.22 0.43 -2.78	56.69 0.43 -3.64	63.57 0.51 -0.18	66.29 0.69 0.00	58.34 0.70 0.00	52.69 0.95 0.00	68.18 1.40 0.00	82.28 1.21 0.00	67.25 0.66 0.00	77.49 0.57 0.00	64.44 0.05 0.00	57.87 0.30 0.00	52.44 0.34 0.00
GILBOA___3 23758	50.22 0.42 0.00	51.43 0.92 0.00	51.41 1.43 0.00	45.02 1.46 0.00	41.69 1.45 0.00	40.21 1.43 0.00	41.36 1.45 0.00	45.27 1.36 0.00	52.57 1.19 0.00	48.94 0.55 0.00	51.45 0.42 -0.29	50.22 0.43 -2.78	56.69 0.43 -3.64	63.57 0.51 -0.18	66.29 0.69 0.00	58.34 0.70 0.00	52.69 0.95 0.00	68.18 1.40 0.00	82.28 1.21 0.00	67.25 0.66 0.00	77.49 0.57 0.00	64.44 0.05 0.00	57.87 0.30 0.00	52.44 0.34 0.00
GILBOA___4 23759	50.22 0.42 0.00	51.43 0.92 0.00	51.41 1.43 0.00	45.02 1.46 0.00	41.69 1.45 0.00	40.21 1.43 0.00	41.36 1.45 0.00	45.27 1.36 0.00	52.57 1.19 0.00	48.94 0.55 0.00	51.45 0.42 -0.29	50.22 0.43 -2.78	56.69 0.43 -3.64	63.57 0.51 -0.18	66.29 0.69 0.00	58.34 0.70 0.00	52.69 0.95 0.00	68.18 1.40 0.00	82.28 1.21 0.00	67.25 0.66 0.00	77.49 0.57 0.00	64.44 0.05 0.00	57.87 0.30 0.00	52.44 0.34 0.00

GILBOA____ 23599	50.22 0.42 0.00	51.43 0.92 0.00	51.41 1.43 0.00	45.02 1.46 0.00	41.69 1.45 0.00	40.21 1.43 0.00	41.36 1.45 0.00	45.27 1.36 0.00	52.57 1.19 0.00	48.94 0.55 0.00	51.45 0.42 -0.29	50.23 0.43 -2.78	56.68 0.42 -3.64	63.57 0.51 -0.18	66.29 0.69 0.00	58.33 0.70 0.00	52.69 0.95 0.00	68.17 1.39 0.00	82.28 1.21 0.00	67.26 0.66 0.00	77.49 0.57 0.00	64.44 0.05 0.00	57.87 0.30 0.00	52.43 0.34 0.00
GINNA____ 23603	48.75 -1.06 0.00	49.21 -1.30 0.00	48.37 -1.60 0.00	41.93 -1.64 0.00	38.68 -1.57 0.00	37.26 -1.53 0.00	38.30 -1.61 0.00	41.91 -2.00 0.00	49.43 -1.95 0.00	47.02 -1.37 0.00	49.83 -0.90 0.00	46.29 -0.72 0.00	52.28 -0.34 0.00	62.54 -0.34 0.00	65.30 -0.30 0.00	57.28 -0.36 0.00	51.68 -0.06 0.00	67.48 0.69 0.00	82.12 1.06 0.00	67.07 0.48 0.00	77.12 0.20 0.00	64.62 0.23 0.00	57.62 0.05 0.00	51.92 -0.17 0.00
GLEN PARK____ 23778	55.20 3.87 -1.52	54.85 3.47 -0.88	53.82 3.01 -0.84	46.14 2.43 -0.14	42.25 2.01 0.00	40.83 2.04 0.00	41.94 2.04 0.00	46.00 1.92 -0.17	54.40 2.11 -0.91	50.80 2.17 -0.24	53.26 2.28 -0.24	48.97 1.96 0.00	55.06 2.25 -0.20	66.57 3.21 -0.48	68.82 2.87 -0.34	60.22 2.59 0.00	54.51 2.77 0.00	71.48 4.44 -0.26	92.17 7.51 -3.60	75.11 6.99 -1.53	86.37 8.90 -0.56	71.50 6.77 -0.34	63.24 5.31 -0.35	56.07 3.81 -0.16
GLENDALE_27_KV_LOAD 356172	51.62 1.82 0.00	52.81 2.31 0.00	52.40 2.43 0.00	45.91 2.34 0.00	42.58 2.34 0.00	41.05 2.27 0.00	42.32 2.41 0.00	46.25 2.34 0.00	53.66 2.28 0.00	50.60 2.21 0.00	54.52 1.97 -1.82	66.20 2.04 -17.16	77.24 2.14 -22.48	66.57 2.58 -1.11	68.47 2.87 0.00	60.64 3.00 0.00	55.01 3.27 0.00	71.20 4.42 0.00	85.41 4.35 0.00	69.30 2.70 0.00	79.31 2.39 0.00	65.99 1.61 0.00	59.24 1.67 0.00	53.88 1.79 0.00
GLENWOOD_IC_1_G5 23712	47.97 1.57 3.41	52.84 2.34 0.00	52.50 2.52 0.00	45.91 2.35 0.00	42.55 2.31 0.00	40.98 2.20 0.00	42.27 2.37 0.00	46.23 2.32 0.00	53.58 2.20 0.00	50.41 2.03 0.00	54.88 2.32 -1.82	66.53 2.36 -17.16	77.26 2.16 -22.49	66.44 2.45 -1.11	67.87 2.79 0.52	51.16 2.82 9.30	48.36 3.08 6.46	58.45 4.22 12.55	69.72 4.20 15.55	56.58 2.60 12.62	65.25 2.29 13.96	55.05 1.51 10.85	50.74 1.52 8.35	53.94 1.85 0.00
GLENWOOD_IC_2_G1 23688	51.22 1.41 0.00	52.60 2.09 0.00	52.25 2.28 0.00	45.71 2.14 0.00	42.37 2.13 0.00	40.83 2.04 0.00	42.08 2.18 0.00	46.02 2.12 0.00	53.35 1.97 0.00	50.21 1.82 0.00	54.54 1.98 -1.82	66.20 2.02 -17.16	77.10 2.00 -22.49	66.28 2.29 -1.11	68.22 2.62 0.00	60.31 2.67 0.00	54.67 2.93 0.00	70.80 4.02 0.00	85.06 3.99 0.00	69.10 2.51 0.00	79.15 2.23 0.00	65.82 1.43 0.00	58.92 1.35 0.00	53.73 1.63 0.00
GLENWOOD_IC_3_G1 23689	51.22 1.41 0.00	52.60 2.09 0.00	52.25 2.28 0.00	45.71 2.14 0.00	42.37 2.13 0.00	40.83 2.04 0.00	42.08 2.18 0.00	46.02 2.12 0.00	53.35 1.97 0.00	50.21 1.82 0.00	54.54 1.98 -1.82	66.20 2.02 -17.16	77.10 2.00 -22.49	66.28 2.29 -1.11	68.22 2.62 0.00	60.31 2.67 0.00	54.67 2.93 0.00	70.80 4.02 0.00	85.06 3.99 0.00	69.10 2.51 0.00	79.15 2.23 0.00	65.82 1.43 0.00	58.92 1.35 0.00	53.73 1.63 0.00
GLENWOOD____4 23550	47.97 1.57 3.41	52.84 2.34 0.00	52.50 2.52 0.00	45.91 2.35 0.00	42.55 2.31 0.00	40.98 2.20 0.00	42.27 2.37 0.00	46.23 2.32 0.00	53.58 2.20 0.00	50.41 2.03 0.00	54.88 2.32 -1.82	66.53 2.36 -17.16	77.33 2.23 -22.49	66.52 2.53 -1.11	67.96 2.88 0.52	51.23 2.89 9.30	48.43 3.15 6.46	58.54 4.31 12.55	69.81 4.30 15.55	56.68 2.70 12.62	65.35 2.39 13.96	55.13 1.59 10.85	50.74 1.52 8.35	53.94 1.85 0.00
GLENWOOD____5 23614	47.97 1.57 3.41	52.84 2.34 0.00	52.50 2.52 0.00	45.91 2.35 0.00	42.55 2.31 0.00	40.98 2.20 0.00	42.27 2.37 0.00	46.23 2.32 0.00	53.58 2.20 0.00	50.41 2.03 0.00	54.88 2.32 -1.82	66.53 2.36 -17.16	77.33 2.23 -22.49	66.52 2.53 -1.11	67.96 2.88 0.52	51.23 2.89 9.30	48.43 3.15 6.46	58.54 4.31 12.55	69.81 4.30 15.55	56.68 2.70 12.62	65.35 2.39 13.96	55.13 1.59 10.85	50.74 1.52 8.35	53.94 1.85 0.00
GLOBAL GREEN_PORT_GT1 23814	41.50 2.80 11.10	54.50 4.00 0.00	54.25 4.28 0.00	47.45 3.89 0.00	43.90 3.66 0.00	42.22 3.43 0.00	43.71 3.81 0.00	47.93 4.02 0.00	55.51 4.13 0.00	52.30 3.91 0.00	57.51 4.96 -1.82	68.84 4.66 -17.16	79.10 4.20 -22.28	67.84 4.37 -0.59	67.77 4.81 2.65	31.57 4.55 30.63	34.15 4.76 22.34	30.35 6.65 43.08	35.37 7.61 53.30	31.01 5.57 41.15	36.85 5.47 45.53	32.77 3.76 35.38	33.69 3.35 27.23	55.78 3.68 0.00
GLOBE____DSASP 323697	49.62 -0.18 0.00	50.09 -0.41 0.00	49.10 -0.88 0.00	42.41 -1.15 0.00	39.12 -1.12 0.00	37.63 -1.15 0.00	38.58 -1.32 0.00	41.88 -2.02 0.00	49.71 -1.67 0.00	47.74 -0.65 0.00	51.18 0.45 0.00	47.27 0.26 0.00	53.55 0.94 0.00	63.55 0.67 0.00	65.76 0.16 0.00	57.19 -0.45 0.00	51.46 -0.28 0.00	67.32 0.54 0.00	81.95 0.89 0.00	66.83 0.23 0.00	76.98 0.06 0.00	65.16 0.77 0.00	58.54 0.97 0.00	52.97 0.88 0.00
GOETHSLN____LBMP 323567	51.06 1.25 0.00	51.92 1.69 0.28	51.04 1.85 0.78	45.41 1.84 0.00	42.15 1.91 0.00	40.63 1.84 0.00	41.87 1.96 0.00	45.75 1.84 0.00	52.98 1.69 0.08	50.07 1.68 0.00	53.99 1.44 -1.82	65.74 1.58 -17.16	76.74 1.64 -22.48	66.01 2.02 -1.11	67.88 2.28 0.00	60.13 2.49 0.00	54.55 2.81 0.00	70.64 3.86 0.00	84.74 3.67 0.00	68.75 2.16 0.00	78.69 1.77 0.00	65.46 1.07 0.00	58.77 1.20 0.00	53.43 1.34 0.00
GOLAH____69_KV_TB 1_2 80279	51.44 1.63 0.00	51.88 1.37 0.00	50.91 0.94 0.00	44.07 0.50 0.00	40.67 0.43 0.00	39.17 0.38 0.00	40.24 0.33 0.00	43.93 0.02 0.00	51.91 0.54 0.00	49.49 1.10 0.00	52.49 1.75 0.00	48.62 1.61 0.00	55.00 2.38 0.00	65.73 2.85 0.00	68.54 2.94 0.00	60.03 2.39 0.00	54.20 2.46 0.00	70.85 4.07 0.00	86.32 5.25 0.00	138.74 -3.99 -68.15	81.13 4.21 0.00	68.21 3.82 0.00	60.87 3.30 0.00	54.89 2.79 0.00
GOODYEAR_LAKE_HYD 323669	51.73 1.93 0.00	52.59 2.09 0.00	52.09 2.11 0.00	45.41 1.85 0.00	41.98 1.74 0.00	40.43 1.64 0.00	41.59 1.69 0.00	45.64 1.73 0.00	53.31 1.94 0.00	50.17 1.78 0.00	52.88 2.15 0.00	49.11 2.10 0.00	55.08 2.46 0.00	65.95 3.07 0.00	68.89 3.28 0.00	60.54 2.90 0.00	54.45 2.71 0.00	70.50 3.72 0.00	85.42 4.35 0.00	70.00 3.40 0.00	80.64 3.72 0.00	67.35 2.96 0.00	60.13 2.56 0.00	54.28 2.18 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.10 0.29 0.00	51.01 0.51 0.00	50.35 0.37 0.00	43.86 0.30 0.00	40.65 0.41 0.00	39.12 0.34 0.00	40.23 0.33 0.00	44.06 0.16 0.00	51.58 0.20 0.00	48.58 0.19 0.00	51.27 0.53 0.00	47.50 0.49 0.00	53.45 0.84 0.00	63.80 0.92 0.00	66.61 1.00 0.00	58.55 0.91 0.00	52.75 1.01 0.00	68.76 1.98 0.00	83.20 2.14 0.00	68.23 1.63 0.00	78.59 1.67 0.00	65.58 1.19 0.00	58.47 0.89 0.00	52.72 0.62 0.00

GOUDEY___7 23579	50.10 0.29 0.00	51.01 0.51 0.00	50.35 0.37 0.00	43.86 0.30 0.00	40.65 0.41 0.00	39.12 0.34 0.00	40.23 0.33 0.00	44.06 0.16 0.00	51.58 0.20 0.00	48.58 0.19 0.00	51.27 0.53 0.00	47.50 0.49 0.00	53.45 0.84 0.00	63.80 0.92 0.00	66.61 1.00 0.00	58.55 0.91 0.00	52.75 1.01 0.00	68.76 1.98 0.00	83.20 2.14 0.00	68.23 1.63 0.00	78.59 1.67 0.00	65.58 1.19 0.00	58.47 0.89 0.00	52.72 0.62 0.00
GOUDEY___8 23580	50.10 0.29 0.00	51.01 0.51 0.00	50.35 0.37 0.00	43.86 0.30 0.00	40.65 0.41 0.00	39.12 0.34 0.00	40.23 0.33 0.00	44.06 0.16 0.00	51.58 0.20 0.00	48.58 0.19 0.00	51.27 0.53 0.00	47.50 0.49 0.00	53.45 0.84 0.00	63.80 0.92 0.00	66.61 1.00 0.00	58.55 0.91 0.00	52.75 1.01 0.00	68.76 1.98 0.00	83.20 2.14 0.00	68.23 1.63 0.00	78.59 1.67 0.00	65.58 1.19 0.00	58.47 0.89 0.00	52.72 0.62 0.00
GOWANUS_GT1_1 24077	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT1_2 24078	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT1_3 24079	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT1_4 24080	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT1_5 24084	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT1_6 24111	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT1_7 24112	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT1_8 24113	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT2_1 24114	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT2_2 24115	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT2_3 24116	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT2_4 24117	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT2_5 24118	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00

GOWANUS_GT2_6 24119	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT2_7 24120	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT2_8 24121	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_1 24122	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_2 24123	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_3 24124	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_4 24125	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_5 24126	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_6 24127	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_7 24128	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT3_8 24129	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
GOWANUS_GT4_1 24130	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT4_2 24131	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT4_3 24132	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT4_4 24133	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00

GOWANUS_GT4_5 24134	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT4_6 24135	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT4_7 24136	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GOWANUS_GT4_8 24137	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GREATVR_69_KV_BK1 356245	40.62 1.54 10.73	53.30 2.79 0.00	53.14 3.17 0.00	46.49 2.92 0.00	43.05 2.81 0.00	41.42 2.64 0.00	42.82 2.92 0.00	46.87 2.96 0.00	54.02 2.64 0.00	50.67 2.28 0.00	55.70 3.15 -1.82	67.36 3.19 -17.16	77.66 2.76 -22.29	66.14 2.71 -0.55	66.10 3.16 2.66	31.02 2.98 29.61	33.45 3.28 21.56	29.66 4.47 41.59	34.18 4.56 51.45	29.83 2.99 39.76	35.62 2.69 43.99	32.07 1.86 34.18	32.88 1.61 26.30	54.36 2.27 0.00
GREENBSH_115KV_TB3 55895	49.69 -0.11 0.00	50.72 0.21 0.00	50.46 0.48 0.00	44.14 0.57 0.00	40.87 0.63 0.00	39.47 0.69 0.00	40.58 0.67 0.00	44.39 0.48 0.00	51.74 0.36 0.00	48.54 0.15 0.00	49.15 -0.17 1.41	33.48 -0.19 13.33	34.50 -0.64 17.47	61.22 -0.80 0.86	64.99 -0.61 0.00	57.31 -0.33 0.00	51.80 0.06 0.00	67.26 0.48 0.00	81.25 0.18 0.00	66.32 -0.28 0.00	76.33 -0.58 0.00	63.37 -1.02 0.00	56.74 -0.83 0.00	51.39 -0.70 0.00
GREENDGE_115KV_TB5 80291	50.67 0.87 0.00	51.22 0.71 0.00	50.34 0.36 0.00	43.95 0.38 0.00	40.70 0.46 0.00	39.14 0.36 0.00	40.28 0.37 0.00	44.18 0.27 0.00	51.68 0.30 0.00	49.12 0.73 0.00	51.67 0.93 0.00	47.91 0.89 0.00	53.61 0.99 0.00	63.92 1.04 0.00	66.78 1.18 0.00	58.73 1.09 0.00	53.20 1.46 0.00	69.60 2.82 0.00	84.88 3.81 0.00	69.93 3.33 0.00	80.58 3.66 0.00	67.24 2.85 0.00	59.71 2.14 0.00	53.63 1.54 0.00
GREENIDGE___3 23582	50.67 0.87 0.00	51.22 0.71 0.00	50.34 0.36 0.00	43.95 0.38 0.00	40.70 0.46 0.00	39.14 0.36 0.00	40.28 0.37 0.00	44.18 0.27 0.00	51.68 0.30 0.00	49.12 0.73 0.00	51.67 0.93 0.00	47.91 0.89 0.00	53.61 0.99 0.00	63.92 1.04 0.00	66.78 1.18 0.00	58.73 1.09 0.00	53.20 1.46 0.00	69.60 2.82 0.00	84.88 3.81 0.00	69.93 3.33 0.00	80.58 3.66 0.00	67.24 2.85 0.00	59.71 2.14 0.00	53.63 1.54 0.00
GREENIDGE___4 23583	50.67 0.86 0.00	51.21 0.70 0.00	50.33 0.36 0.00	43.94 0.37 0.00	40.71 0.46 0.00	39.14 0.36 0.00	40.28 0.37 0.00	44.18 0.27 0.00	51.69 0.32 0.00	49.12 0.73 0.00	51.66 0.93 0.00	47.92 0.91 0.00	53.61 0.99 0.00	63.91 1.04 0.00	66.77 1.16 0.00	58.74 1.10 0.00	53.21 1.47 0.00	69.62 2.84 0.00	84.90 3.83 0.00	69.92 3.33 0.00	80.59 3.68 0.00	67.24 2.85 0.00	59.70 2.13 0.00	53.63 1.54 0.00
GREENLWN_69_KV_BK 3 55738	39.15 0.18 10.83	52.17 1.66 0.00	52.17 2.20 0.00	45.68 2.11 0.00	42.28 2.04 0.00	40.71 1.93 0.00	42.05 2.15 0.00	45.97 2.06 0.00	52.80 1.43 0.00	49.37 0.98 0.00	54.32 1.77 -1.82	66.08 1.91 -17.16	76.13 1.23 -22.29	63.41 0.83 0.30	62.50 1.12 4.22	28.74 1.31 30.21	31.64 1.69 21.79	27.16 2.41 42.03	31.10 2.02 52.00	27.34 0.88 40.13	32.84 0.33 44.41	29.72 -0.17 34.50	30.91 -0.11 26.55	53.11 1.01 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00
GRISSOM___SOLAR 323813	53.10 3.30 0.00	53.80 3.29 0.00	53.15 3.18 0.00	46.26 2.70 0.00	42.74 2.50 0.00	41.19 2.41 0.00	42.32 2.42 0.00	46.29 2.38 0.00	53.83 2.45 0.00	50.36 1.97 0.00	51.27 1.61 1.08	37.49 0.65 10.17	39.99 0.70 13.33	63.84 1.62 0.66	68.95 3.35 0.00	59.61 1.97 0.00	53.24 1.49 0.00	71.23 4.45 0.00	87.40 6.33 0.00	71.49 4.89 0.00	82.59 5.67 0.00	68.98 4.59 0.00	61.60 4.03 0.00	55.56 3.47 0.00
GROVEVILLE___HYD 323602	51.76 1.96 0.00	52.83 2.32 0.00	52.40 2.43 0.00	45.81 2.24 0.00	42.45 2.21 0.00	40.93 2.15 0.00	42.14 2.23 0.00	46.11 2.20 0.00	53.65 2.27 0.00	50.52 2.13 0.00	54.28 2.08 -1.47	63.04 2.16 -13.87	73.22 2.43 -18.17	66.83 3.05 -0.90	69.00 3.40 0.00	61.02 3.38 0.00	55.36 3.62 0.00	71.89 5.11 0.00	86.34 5.27 0.00	70.19 3.60 0.00	80.44 3.52 0.00	66.82 2.43 0.00	59.77 2.20 0.00	54.14 2.05 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	51.06 -0.22 -1.48	51.15 -0.21 -0.86	50.45 -0.34 -0.82	43.37 -0.34 -0.14	39.97 -0.28 0.00	38.49 -0.29 0.00	39.58 -0.33 0.00	43.57 -0.50 -0.16	51.81 -0.45 -0.89	48.28 -0.34 -0.23	50.76 -0.21 -0.23	46.80 -0.21 0.00	52.75 -0.05 -0.19	63.29 -0.06 -0.46	65.99 0.06 -0.34	57.77 0.13 0.00	52.07 0.33 0.00	67.97 0.94 -0.25	85.73 1.17 -3.50	69.01 0.94 -1.48	78.41 0.95 -0.54	65.34 0.62 -0.33	58.36 0.45 -0.34	52.49 0.24 -0.16
HAMLTNNY_34_KV_TB 80303	51.67 0.48 -1.39	51.74 0.43 -0.80	50.95 0.20 -0.77	43.81 0.12 -0.13	40.36 0.12 0.00	38.87 0.08 0.00	39.95 0.05 0.00	43.88 -0.18 -0.15	52.20 -0.01 -0.83	48.79 0.18 -0.22	51.33 0.38 -0.22	47.38 0.37 0.00	53.44 0.64 -0.18	64.08 0.77 -0.44	66.83 0.91 -0.31	58.52 0.88 0.00	52.74 1.00 0.00	68.86 1.84 -0.23	86.70 2.36 -3.28	69.99 2.00 -1.39	79.59 2.16 -0.51	66.39 1.70 -0.30	59.25 1.37 -0.32	53.31 1.07 -0.15

HAMPSHIRE___PAPER_HYD 323593	52.16 1.80 -0.56	52.25 1.42 -0.32	51.37 1.08 -0.31	44.40 0.78 -0.05	40.74 0.50 0.00	39.33 0.55 0.00	40.45 0.55 0.00	44.61 0.64 -0.06	52.53 0.82 -0.34	49.38 0.91 -0.09	51.93 1.11 -0.09	47.86 0.85 0.00	53.62 0.93 -0.07	64.22 1.16 -0.17	66.81 1.08 -0.13	58.42 0.78 0.00	52.55 0.81 0.00	67.51 0.63 -0.09	84.77 2.38 -1.32	69.67 2.52 -0.56	80.65 3.53 -0.20	67.38 2.87 -0.12	59.86 2.17 -0.13	53.72 1.56 -0.06
HARDSCRABBLE_WT_PWR 323673	50.31 0.51 0.00	51.31 0.81 0.00	51.00 1.03 0.00	44.62 1.06 0.00	41.35 1.10 0.00	39.91 1.12 0.00	41.06 1.16 0.00	44.75 0.84 0.00	51.93 0.55 0.00	48.57 0.18 0.00	50.55 -0.18 0.00	46.31 -0.70 0.00	52.00 -0.61 0.00	62.26 -0.62 0.00	65.59 -0.01 0.00	57.53 -0.11 0.00	51.90 0.16 0.00	68.95 2.17 0.00	83.15 2.08 0.00	67.62 1.03 0.00	77.88 0.97 0.00	64.72 0.34 0.00	57.79 0.22 0.00	52.10 0.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.56 1.76 0.00	52.58 2.08 0.00	52.13 2.15 0.00	45.55 1.99 0.00	42.22 1.98 0.00	40.71 1.93 0.00	41.92 2.02 0.00	45.83 1.92 0.00	53.32 1.94 0.00	50.26 1.87 0.00	54.18 1.86 -1.59	63.96 1.96 -15.00	74.55 2.28 -19.65	66.77 2.93 -0.97	68.77 3.17 0.00	60.92 3.27 0.00	55.21 3.47 0.00	71.58 4.80 0.00	85.97 4.90 0.00	69.85 3.25 0.00	80.00 3.08 0.00	66.55 2.16 0.00	59.54 1.97 0.00	53.94 1.85 0.00
HARSNRAD_115KV_TB1 81005	50.20 0.39 0.00	50.54 0.03 0.00	49.50 -0.47 0.00	42.73 -0.84 0.00	39.41 -0.83 0.00	37.96 -0.83 0.00	38.89 -1.02 0.00	42.25 -1.65 0.00	50.15 -1.23 0.00	48.10 -0.29 0.00	51.54 0.81 0.00	47.64 0.62 0.00	54.02 1.40 0.00	64.12 1.24 0.00	66.42 0.82 0.00	57.82 0.18 0.00	52.06 0.32 0.00	68.05 1.27 0.00	82.79 1.73 0.00	67.61 1.02 0.00	77.94 1.02 0.00	65.95 1.56 0.00	59.16 1.59 0.00	53.45 1.35 0.00
HARZA MOOSE___RIVER 24016	52.44 2.25 -0.39	52.83 2.11 -0.22	52.02 1.83 -0.21	45.13 1.53 -0.03	41.49 1.24 0.00	40.05 1.27 0.00	41.20 1.30 0.00	45.24 1.29 -0.04	53.07 1.46 -0.23	49.88 1.43 -0.06	52.45 1.66 -0.06	48.43 1.42 0.00	54.31 1.64 -0.05	65.13 2.13 -0.12	67.94 2.25 -0.09	59.50 1.86 0.00	53.79 2.05 0.00	69.84 3.00 -0.06	86.50 4.51 -0.91	71.01 4.03 -0.39	81.89 4.83 -0.14	68.02 3.55 -0.08	60.37 2.71 -0.09	54.04 1.90 -0.04
HDSNBRDG_115KV_BRDG_TB1 355580	49.44 -0.36 0.00	50.15 -0.35 0.00	49.54 -0.43 0.00	43.13 -0.43 0.00	39.87 -0.37 0.00	38.40 -0.38 0.00	39.49 -0.42 0.00	43.32 -0.59 0.00	50.78 -0.59 0.00	47.92 -0.47 0.00	50.41 -0.32 0.00	46.72 -0.30 0.00	52.46 -0.16 0.00	62.72 -0.16 0.00	65.55 -0.05 0.00	57.66 0.02 0.00	51.96 0.22 0.00	67.57 0.79 0.00	81.99 0.92 0.00	67.29 0.70 0.00	77.56 0.64 0.00	64.74 0.34 0.00	57.73 0.16 0.00	52.09 0.00 0.00
HELLGATE_13_KV_LD 55870	51.77 1.96 0.00	52.96 2.46 0.00	52.56 2.58 0.00	46.04 2.48 0.00	42.72 2.47 0.00	41.18 2.40 0.00	42.45 2.55 0.00	46.38 2.48 0.00	53.83 2.45 0.00	50.76 2.36 0.00	54.72 2.17 -1.82	66.41 2.24 -17.16	77.48 2.38 -22.48	66.84 2.85 -1.11	68.74 3.13 0.00	60.88 3.24 0.00	55.22 3.48 0.00	71.46 4.68 0.00	85.71 4.64 0.00	69.53 2.93 0.00	79.57 2.66 0.00	66.20 1.81 0.00	59.44 1.87 0.00	54.08 1.99 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.77 1.96 0.00	52.96 2.46 0.00	52.56 2.58 0.00	46.04 2.48 0.00	42.72 2.47 0.00	41.18 2.40 0.00	42.45 2.55 0.00	46.38 2.48 0.00	53.83 2.45 0.00	50.76 2.36 0.00	54.72 2.17 -1.82	66.41 2.24 -17.16	77.48 2.38 -22.48	66.84 2.85 -1.11	68.74 3.13 0.00	60.88 3.24 0.00	55.22 3.48 0.00	71.46 4.68 0.00	85.71 4.64 0.00	69.53 2.93 0.00	79.57 2.66 0.00	66.20 1.81 0.00	59.44 1.87 0.00	54.08 1.99 0.00
HEMPSTEAD___ 23647	45.77 1.16 5.19	52.62 2.12 0.00	52.34 2.36 0.00	45.77 2.20 0.00	42.40 2.16 0.00	40.83 2.05 0.00	42.14 2.24 0.00	46.10 2.19 0.00	53.32 1.94 0.00	50.07 1.68 0.00	54.64 2.09 -1.82	66.30 2.13 -17.16	76.97 1.87 -22.49	65.89 1.90 -1.11	67.04 2.24 0.80	45.78 2.32 14.18	44.50 2.60 9.84	51.19 3.54 19.13	60.79 3.42 23.70	49.40 2.03 19.23	57.24 1.61 21.28	48.84 0.99 16.53	45.76 0.91 12.72	53.59 1.50 0.00
HICKLING___1 23621	50.41 0.61 0.00	51.16 0.66 0.00	50.21 0.23 0.00	43.61 0.04 0.00	40.48 0.24 0.00	38.89 0.10 0.00	40.00 0.10 0.00	43.83 -0.08 0.00	51.48 0.10 0.00	48.75 0.36 0.00	51.63 0.89 0.00	47.70 0.69 0.00	53.88 1.26 0.00	64.21 1.33 0.00	66.97 1.36 0.00	58.78 1.14 0.00	53.02 1.28 0.00	69.60 2.82 0.00	84.40 3.34 0.00	69.40 2.81 0.00	79.97 3.05 0.00	66.63 2.24 0.00	59.17 1.60 0.00	53.15 1.06 0.00
HICKLING___2 23622	50.41 0.61 0.00	51.16 0.66 0.00	50.21 0.23 0.00	43.61 0.04 0.00	40.48 0.24 0.00	38.89 0.10 0.00	40.00 0.10 0.00	43.83 -0.08 0.00	51.48 0.10 0.00	48.75 0.36 0.00	51.63 0.89 0.00	47.70 0.69 0.00	53.88 1.26 0.00	64.21 1.33 0.00	66.97 1.36 0.00	58.78 1.14 0.00	53.02 1.28 0.00	69.60 2.82 0.00	84.40 3.34 0.00	69.40 2.81 0.00	79.97 3.05 0.00	66.63 2.24 0.00	59.17 1.60 0.00	53.15 1.06 0.00
HIGH FALLS___HY 23754	51.84 2.03 0.00	52.85 2.34 0.00	52.39 2.41 0.00	45.76 2.19 0.00	42.41 2.17 0.00	40.88 2.10 0.00	42.11 2.20 0.00	46.07 2.16 0.00	53.58 2.20 0.00	50.39 2.00 0.00	53.69 1.97 -0.98	58.47 2.18 -9.27	67.37 2.60 -12.15	66.86 3.39 -0.60	69.09 3.48 0.00	61.19 3.55 0.00	55.60 3.86 0.00	72.32 5.54 0.00	86.87 5.81 0.00	70.64 4.05 0.00	80.98 4.06 0.00	67.32 2.93 0.00	60.20 2.63 0.00	54.50 2.40 0.00
HIGH_RIVER___SOLAR 323847	51.73 1.93 0.00	52.57 2.07 0.00	52.08 2.10 0.00	45.42 1.85 0.00	41.99 1.75 0.00	40.49 1.71 0.00	41.62 1.71 0.00	45.58 1.67 0.00	53.03 1.65 0.00	49.55 1.16 0.00	50.71 1.14 1.16	36.42 0.37 10.96	38.47 0.21 14.36	62.53 0.36 0.71	67.49 1.89 0.00	58.85 1.20 0.00	52.64 0.90 0.00	69.54 2.76 0.00	85.10 4.04 0.00	69.60 3.00 0.00	80.27 3.36 0.00	66.92 2.53 0.00	59.85 2.28 0.00	54.10 2.00 0.00
HILLBURN___GT 23639	51.26 1.45 0.00	52.30 1.79 0.00	51.86 1.89 0.00	45.35 1.78 0.00	42.05 1.81 0.00	40.54 1.75 0.00	41.76 1.85 0.00	45.63 1.72 0.00	53.05 1.67 0.00	50.02 1.63 0.00	53.94 1.57 -1.64	64.19 1.71 -15.47	74.84 1.95 -20.28	66.32 2.44 -1.00	68.33 2.73 0.00	60.49 2.85 0.00	54.80 3.06 0.00	71.05 4.28 0.00	85.30 4.24 0.00	69.28 2.69 0.00	79.34 2.42 0.00	66.02 1.63 0.00	59.15 1.59 0.00	53.64 1.55 0.00
HILLSIDE_115KV_TB1 80332	49.45 -0.35 0.00	50.38 -0.13 0.00	49.49 -0.49 0.00	43.06 -0.50 0.00	40.03 -0.21 0.00	38.45 -0.34 0.00	39.55 -0.36 0.00	43.30 -0.61 0.00	50.76 -0.62 0.00	47.90 -0.49 0.00	50.76 0.02 0.00	46.91 -0.10 0.00	53.02 0.40 0.00	63.21 0.33 0.00	65.91 0.30 0.00	57.85 0.21 0.00	52.16 0.42 0.00	68.41 1.63 0.00	82.70 1.64 0.00	67.95 1.36 0.00	78.28 1.37 0.00	65.26 0.87 0.00	58.03 0.46 0.00	52.18 0.09 0.00

HISHELDN_WT_PWR 323625	50.64 0.84 0.00	50.91 0.40 0.00	49.85 -0.13 0.00	43.02 -0.54 0.00	39.67 -0.57 0.00	38.27 -0.52 0.00	39.22 -0.68 0.00	42.78 -1.13 0.00	50.83 -0.55 0.00	48.63 0.24 0.00	51.75 1.02 0.00	47.81 0.80 0.00	54.04 1.43 0.00	64.26 1.38 0.00	66.77 1.17 0.00	58.24 0.59 0.00	52.50 0.76 0.00	68.73 1.95 0.00	83.82 2.75 0.00	68.78 2.18 0.00	79.31 2.39 0.00	66.64 2.25 0.00	59.29 1.72 0.00	53.39 1.30 0.00
HOLTSVILLE_IC_1 23690	39.15 0.47 11.12	52.25 1.75 0.00	52.15 2.18 0.00	45.68 2.12 0.00	42.29 2.05 0.00	40.70 1.92 0.00	42.09 2.19 0.00	46.05 2.14 0.00	52.99 1.61 0.00	49.64 1.25 0.00	54.55 2.00 -1.82	66.26 2.09 -17.16	76.36 1.47 -22.28	64.62 1.11 -0.62	64.48 1.46 2.59	28.42 1.45 30.67	31.16 1.81 22.38	26.22 2.60 43.17	30.16 2.49 53.40	26.79 1.42 41.23	32.26 0.96 45.62	29.23 0.29 35.45	30.59 0.29 27.28	53.24 1.15 0.00
HOLTSVILLE_IC_10 23699	39.54 0.76 11.03	52.53 2.03 0.00	52.41 2.43 0.00	45.89 2.33 0.00	42.49 2.24 0.00	40.88 2.10 0.00	42.29 2.39 0.00	46.27 2.36 0.00	53.29 1.92 0.00	49.96 1.57 0.00	54.95 2.39 -1.82	66.64 2.47 -17.16	76.80 1.90 -22.28	65.03 1.67 -0.48	64.81 2.05 2.84	29.09 1.92 30.46	31.78 2.22 22.19	27.13 3.14 42.79	31.28 3.15 52.94	27.68 1.96 40.88	33.27 1.58 45.23	30.01 0.77 35.14	31.23 0.71 27.04	53.57 1.47 0.00
HOLTSVILLE_IC_2 23691	39.15 0.47 11.12	52.25 1.75 0.00	52.15 2.18 0.00	45.68 2.12 0.00	42.29 2.05 0.00	40.70 1.92 0.00	42.09 2.19 0.00	46.05 2.14 0.00	52.99 1.61 0.00	49.64 1.25 0.00	54.55 2.00 -1.82	66.26 2.09 -17.16	76.36 1.47 -22.28	64.62 1.11 -0.62	64.48 1.46 2.59	28.42 1.45 30.67	31.16 1.81 22.38	26.22 2.60 43.17	30.16 2.49 53.40	26.79 1.42 41.23	32.26 0.96 45.62	29.23 0.29 35.45	30.59 0.29 27.28	53.24 1.15 0.00
HOLTSVILLE_IC_3 23692	39.15 0.47 11.12	52.25 1.75 0.00	52.15 2.18 0.00	45.68 2.12 0.00	42.29 2.05 0.00	40.70 1.92 0.00	42.09 2.19 0.00	46.05 2.14 0.00	52.99 1.61 0.00	49.64 1.25 0.00	54.55 2.00 -1.82	66.26 2.09 -17.16	76.36 1.47 -22.28	64.62 1.11 -0.62	64.48 1.46 2.59	28.42 1.45 30.67	31.16 1.81 22.38	26.22 2.60 43.17	30.16 2.49 53.40	26.79 1.42 41.23	32.26 0.96 45.62	29.23 0.29 35.45	30.59 0.29 27.28	53.24 1.15 0.00
HOLTSVILLE_IC_4 23693	39.15 0.47 11.12	52.25 1.75 0.00	52.15 2.18 0.00	45.68 2.12 0.00	42.29 2.05 0.00	40.70 1.92 0.00	42.09 2.19 0.00	46.05 2.14 0.00	52.99 1.61 0.00	49.64 1.25 0.00	54.55 2.00 -1.82	66.26 2.09 -17.16	76.36 1.47 -22.28	64.62 1.11 -0.62	64.48 1.46 2.59	28.42 1.45 30.67	31.16 1.81 22.38	26.22 2.60 43.17	30.16 2.49 53.40	26.79 1.42 41.23	32.26 0.96 45.62	29.23 0.29 35.45	30.59 0.29 27.28	53.24 1.15 0.00
HOLTSVILLE_IC_5 23694	39.15 0.47 11.12	52.25 1.75 0.00	52.15 2.18 0.00	45.68 2.12 0.00	42.29 2.05 0.00	40.70 1.92 0.00	42.09 2.19 0.00	46.05 2.14 0.00	52.99 1.61 0.00	49.64 1.25 0.00	54.55 2.00 -1.82	66.26 2.09 -17.16	76.36 1.47 -22.28	64.62 1.11 -0.62	64.48 1.46 2.59	28.42 1.45 30.67	31.16 1.81 22.38	26.22 2.60 43.17	30.16 2.49 53.40	26.79 1.42 41.23	32.26 0.96 45.62	29.23 0.29 35.45	30.59 0.29 27.28	53.24 1.15 0.00
HOLTSVILLE_IC_6 23695	39.54 0.76 11.03	52.53 2.03 0.00	52.41 2.43 0.00	45.89 2.33 0.00	42.49 2.24 0.00	40.88 2.10 0.00	42.29 2.39 0.00	46.27 2.36 0.00	53.29 1.92 0.00	49.96 1.57 0.00	54.95 2.39 -1.82	66.64 2.47 -17.16	76.80 1.90 -22.28	65.03 1.67 -0.48	64.81 2.05 2.84	29.09 1.92 30.46	31.78 2.22 22.19	27.13 3.14 42.79	31.28 3.15 52.94	27.68 1.96 40.88	33.27 1.58 45.23	30.01 0.77 35.14	31.23 0.71 27.04	53.57 1.47 0.00
HOLTSVILLE_IC_7 23696	39.54 0.76 11.03	52.53 2.03 0.00	52.41 2.43 0.00	45.89 2.33 0.00	42.49 2.24 0.00	40.88 2.10 0.00	42.29 2.39 0.00	46.27 2.36 0.00	53.29 1.92 0.00	49.96 1.57 0.00	54.95 2.39 -1.82	66.64 2.47 -17.16	76.80 1.90 -22.28	65.03 1.67 -0.48	64.81 2.05 2.84	29.09 1.92 30.46	31.78 2.22 22.19	27.13 3.14 42.79	31.28 3.15 52.94	27.68 1.96 40.88	33.27 1.58 45.23	30.01 0.77 35.14	31.23 0.71 27.04	53.57 1.47 0.00
HOLTSVILLE_IC_8 23697	39.54 0.76 11.03	52.53 2.03 0.00	52.41 2.43 0.00	45.89 2.33 0.00	42.49 2.24 0.00	40.88 2.10 0.00	42.29 2.39 0.00	46.27 2.36 0.00	53.29 1.92 0.00	49.96 1.57 0.00	54.95 2.39 -1.82	66.64 2.47 -17.16	76.80 1.90 -22.28	65.03 1.67 -0.48	64.81 2.05 2.84	29.09 1.92 30.46	31.78 2.22 22.19	27.13 3.14 42.79	31.28 3.15 52.94	27.68 1.96 40.88	33.27 1.58 45.23	30.01 0.77 35.14	31.23 0.71 27.04	53.57 1.47 0.00
HOLTSVILLE_IC_9 23698	39.54 0.76 11.03	52.53 2.03 0.00	52.41 2.43 0.00	45.89 2.33 0.00	42.49 2.24 0.00	40.88 2.10 0.00	42.29 2.39 0.00	46.27 2.36 0.00	53.29 1.92 0.00	49.96 1.57 0.00	54.95 2.39 -1.82	66.64 2.47 -17.16	76.80 1.90 -22.28	65.03 1.67 -0.48	64.81 2.05 2.84	29.09 1.92 30.46	31.78 2.22 22.19	27.13 3.14 42.79	31.28 3.15 52.94	27.68 1.96 40.88	33.27 1.58 45.23	30.01 0.77 35.14	31.23 0.71 27.04	53.57 1.47 0.00
HOMER_HL_115KV_TB2 355744	50.55 0.75 0.00	51.05 0.54 0.00	50.05 0.08 0.00	43.37 -0.20 0.00	40.18 -0.07 0.00	38.69 -0.09 0.00	39.87 -0.03 0.00	43.18 -0.73 0.00	51.02 -0.36 0.00	48.92 0.53 0.00	52.11 1.37 0.00	48.24 1.23 0.00	54.03 1.41 0.00	64.15 1.27 0.00	66.53 0.93 0.00	58.09 0.45 0.00	52.39 0.65 0.00	68.60 1.82 0.00	82.72 1.65 0.00	67.66 1.06 0.00	78.06 1.14 0.00	65.88 1.50 0.00	59.28 1.71 0.00	53.59 1.50 0.00
HOWARD_WT_PWR 323690	50.90 1.09 0.00	51.23 0.73 0.00	50.11 0.14 0.00	43.41 -0.16 0.00	40.17 -0.08 0.00	38.52 -0.26 0.00	39.87 -0.04 0.00	43.76 -0.15 0.00	51.87 0.49 0.00	49.43 1.04 0.00	52.18 1.45 0.00	48.10 1.09 0.00	54.09 1.47 0.00	64.32 1.44 0.00	66.99 1.39 0.00	58.56 0.92 0.00	53.03 1.29 0.00	69.53 2.75 0.00	85.08 4.02 0.00	70.16 3.56 0.00	80.80 3.89 0.00	67.14 2.75 0.00	59.37 1.80 0.00	53.26 1.17 0.00
HQ_GEN_CEDARS 23644	50.63 0.83 0.00	50.88 0.38 0.00	50.15 0.17 0.00	43.55 -0.01 0.00	40.09 -0.15 0.00	38.61 -0.17 0.00	39.73 -0.17 0.00	44.04 0.13 0.00	51.82 0.44 0.00	48.97 0.59 0.00	51.49 0.75 0.00	47.62 0.61 0.00	53.24 0.62 0.00	63.41 0.53 0.00	65.98 0.38 0.00	57.72 0.08 0.00	51.46 -0.27 0.00	64.71 -2.07 0.00	80.35 -0.71 0.00	66.52 -0.08 0.00	77.39 0.48 0.00	65.33 0.94 0.00	58.38 0.81 0.00	52.97 0.87 0.00
HQ_GEN_CEDARS_PROXY 323590	50.87 0.83 -0.24	50.88 0.38 0.00	50.15 0.17 0.00	43.55 -0.01 0.00	40.09 -0.15 0.00	38.61 -0.17 0.00	39.73 -0.17 0.00	44.04 0.13 0.00	51.82 0.44 0.00	48.97 0.59 0.00	51.49 0.75 0.00	47.62 0.61 0.00	53.24 0.62 0.00	63.41 0.53 0.00	65.98 0.38 0.00	57.72 0.08 0.00	51.47 -0.27 0.00	64.71 -2.08 0.00	80.35 -0.71 0.00	66.51 -0.08 0.00	77.39 0.48 0.00	65.33 0.94 0.00	58.51 0.81 -0.13	53.12 0.87 -0.15

HQ_GEN_IMPORT 323601	50.96 0.15 -1.01	50.38 -0.12 0.00	49.74 -0.24 0.00	43.28 -0.28 0.00	39.88 -0.36 0.00	38.40 -0.38 0.00	39.54 -0.36 0.00	43.79 -0.12 0.00	51.50 0.00 -0.12	48.50 0.11 0.00	48.76 0.16 2.14	47.15 0.14 0.00	52.74 0.13 0.00	62.99 0.11 0.00	65.55 -0.06 0.00	57.40 -0.24 0.00	51.14 -0.60 0.00	65.42 -1.36 0.00	79.82 -1.25 0.00	65.94 -0.65 0.00	76.49 -0.43 0.00	64.47 0.08 0.00	57.63 0.06 0.00	52.21 0.11 0.00
HQ_GEN_WHEEL 23651	50.96 0.15 -1.01	50.38 -0.12 0.00	49.74 -0.24 0.00	43.28 -0.28 0.00	39.88 -0.36 0.00	38.40 -0.38 0.00	39.54 -0.36 0.00	43.79 -0.12 0.00	51.50 0.00 -0.12	48.50 0.11 0.00	48.76 0.16 2.14	47.15 0.14 0.00	52.74 0.13 0.00	62.99 0.11 0.00	65.55 -0.06 0.00	57.40 -0.24 0.00	51.14 -0.60 0.00	65.42 -1.36 0.00	79.82 -1.25 0.00	65.94 -0.65 0.00	76.49 -0.43 0.00	64.47 0.08 0.00	57.63 0.06 0.00	52.21 0.11 0.00
HUDSON AVE_GT_3 23810	51.50 1.70 0.00	52.64 2.13 0.00	52.24 2.26 0.00	45.72 2.16 0.00	42.42 2.18 0.00	40.89 2.11 0.00	42.15 2.24 0.00	46.09 2.18 0.00	53.50 2.13 0.00	50.44 2.06 0.00	54.45 1.90 -1.82	66.13 1.97 -17.16	77.18 2.09 -22.48	66.52 2.54 -1.11	68.43 2.83 0.00	60.58 2.94 0.00	54.93 3.20 0.00	71.16 4.38 0.00	85.38 4.31 0.00	69.30 2.70 0.00	79.32 2.40 0.00	65.98 1.60 0.00	59.22 1.65 0.00	53.80 1.71 0.00
HUDSON AVE_GT_4 23540	51.50 1.70 0.00	52.64 2.13 0.00	52.24 2.26 0.00	45.72 2.16 0.00	42.42 2.18 0.00	40.89 2.11 0.00	42.15 2.24 0.00	46.09 2.18 0.00	53.50 2.13 0.00	50.44 2.06 0.00	54.45 1.90 -1.82	66.13 1.97 -17.16	77.18 2.09 -22.48	66.52 2.54 -1.11	68.43 2.83 0.00	60.58 2.94 0.00	54.93 3.20 0.00	71.16 4.38 0.00	85.38 4.31 0.00	69.30 2.70 0.00	79.32 2.40 0.00	65.98 1.60 0.00	59.22 1.65 0.00	53.80 1.71 0.00
HUDSON AVE_GT_5 23657	51.50 1.70 0.00	52.64 2.13 0.00	52.24 2.26 0.00	45.72 2.16 0.00	42.42 2.18 0.00	40.89 2.11 0.00	42.15 2.24 0.00	46.09 2.18 0.00	53.50 2.13 0.00	50.44 2.06 0.00	54.45 1.90 -1.82	66.13 1.97 -17.16	77.18 2.09 -22.48	66.52 2.54 -1.11	68.43 2.83 0.00	60.58 2.94 0.00	54.93 3.20 0.00	71.16 4.38 0.00	85.38 4.31 0.00	69.30 2.70 0.00	79.32 2.40 0.00	65.98 1.60 0.00	59.22 1.65 0.00	53.80 1.71 0.00
HUDSON_AVE_10 24168	51.34 1.53 0.00	52.45 1.95 0.00	52.05 2.08 0.00	45.56 2.00 0.00	42.29 2.04 0.00	40.76 1.98 0.00	42.01 2.11 0.00	45.95 2.04 0.00	53.33 1.95 0.00	50.29 1.90 0.00	54.24 1.69 -1.82	65.95 1.78 -17.16	77.11 1.90 -22.60	66.31 2.32 -1.11	68.20 2.60 0.00	60.43 2.74 -0.05	55.49 3.02 -0.73	72.12 4.12 -1.22	86.56 4.02 -1.48	69.04 2.45 0.00	79.02 2.11 0.00	65.76 1.37 0.00	59.05 1.48 0.00	53.65 1.56 0.00
HUDSON___115KV_TB 4 355613	50.77 0.97 0.00	51.71 1.21 0.00	51.38 1.41 0.00	44.92 1.35 0.00	41.57 1.33 0.00	40.14 1.36 0.00	41.30 1.40 0.00	45.21 1.31 0.00	52.61 1.23 0.00	49.39 1.00 0.00	50.32 0.54 0.96	38.36 0.37 9.02	40.95 0.16 11.82	62.59 0.29 0.58	66.53 0.93 0.00	58.36 0.72 0.00	52.56 0.82 0.00	68.70 1.92 0.00	83.64 2.57 0.00	68.28 1.69 0.00	78.51 1.59 0.00	65.18 0.80 0.00	58.25 0.68 0.00	52.66 0.56 0.00
HUNTER MOUNT___DRP 323613	51.04 1.24 0.00	51.96 1.45 0.00	51.63 1.65 0.00	45.12 1.55 0.00	41.76 1.52 0.00	40.33 1.54 0.00	41.49 1.59 0.00	45.44 1.53 0.00	52.98 1.60 0.00	49.70 1.31 0.00	51.06 0.92 0.60	42.13 0.77 5.65	45.82 0.61 7.40	63.33 0.82 0.36	66.99 1.39 0.00	58.70 1.06 0.00	52.87 1.13 0.00	69.40 2.62 0.00	84.35 3.28 0.00	68.81 2.21 0.00	79.11 2.19 0.00	65.64 1.25 0.00	58.63 1.06 0.00	52.95 0.85 0.00
HUNTINGTON_RES_REC 323705	39.22 0.41 11.00	52.34 1.83 0.00	52.30 2.32 0.00	45.79 2.22 0.00	42.37 2.13 0.00	40.79 2.01 0.00	42.16 2.26 0.00	46.11 2.20 0.00	53.02 1.65 0.00	49.65 1.25 0.00	54.68 2.13 -1.82	66.43 2.25 -17.16	76.54 1.65 -22.28	63.52 1.36 0.72	62.28 1.67 5.00	28.45 1.64 30.83	31.60 1.98 22.13	26.90 2.79 42.66	30.83 2.54 52.78	27.23 1.38 40.75	32.75 0.93 45.09	29.64 0.29 35.03	30.89 0.28 26.96	53.37 1.27 0.00
HUNTLEY___63 23557	50.86 1.06 0.00	51.24 0.74 0.00	50.17 0.20 0.00	43.29 -0.27 0.00	39.95 -0.30 0.00	38.46 -0.32 0.00	39.43 -0.47 0.00	42.85 -1.06 0.00	50.84 -0.53 0.00	48.85 0.46 0.00	52.41 1.68 0.00	48.51 1.50 0.00	55.00 2.39 0.00	65.33 2.45 0.00	67.49 1.88 0.00	58.72 1.07 0.00	52.88 1.14 0.00	69.17 2.38 0.00	84.18 3.11 0.00	68.69 2.10 0.00	79.12 2.21 0.00	67.01 2.62 0.00	60.17 2.60 0.00	54.33 2.24 0.00
HUNTLEY___64 23558	50.86 1.06 0.00	51.24 0.74 0.00	50.17 0.20 0.00	43.29 -0.27 0.00	39.95 -0.30 0.00	38.46 -0.32 0.00	39.43 -0.47 0.00	42.85 -1.06 0.00	50.84 -0.53 0.00	48.85 0.46 0.00	52.41 1.68 0.00	48.51 1.50 0.00	55.00 2.39 0.00	65.33 2.45 0.00	67.49 1.88 0.00	58.72 1.07 0.00	52.88 1.14 0.00	69.17 2.38 0.00	84.18 3.11 0.00	68.69 2.10 0.00	79.12 2.21 0.00	67.01 2.62 0.00	60.17 2.60 0.00	54.33 2.24 0.00
HUNTLEY___65 23559	50.86 1.06 0.00	51.24 0.74 0.00	50.17 0.20 0.00	43.29 -0.27 0.00	39.95 -0.30 0.00	38.46 -0.32 0.00	39.43 -0.47 0.00	42.85 -1.06 0.00	50.84 -0.53 0.00	48.85 0.46 0.00	52.41 1.68 0.00	48.51 1.50 0.00	55.00 2.39 0.00	65.33 2.45 0.00	67.49 1.88 0.00	58.72 1.07 0.00	52.88 1.14 0.00	69.17 2.38 0.00	84.18 3.11 0.00	68.69 2.10 0.00	79.12 2.21 0.00	67.01 2.62 0.00	60.17 2.60 0.00	54.33 2.24 0.00
HUNTLEY___66 23560	50.86 1.06 0.00	51.24 0.74 0.00	50.17 0.20 0.00	43.29 -0.27 0.00	39.95 -0.30 0.00	38.46 -0.32 0.00	39.43 -0.47 0.00	42.85 -1.06 0.00	50.84 -0.53 0.00	48.85 0.46 0.00	52.41 1.68 0.00	48.51 1.50 0.00	55.00 2.39 0.00	65.33 2.45 0.00	67.49 1.88 0.00	58.72 1.07 0.00	52.88 1.14 0.00	69.17 2.38 0.00	84.18 3.11 0.00	68.69 2.10 0.00	79.12 2.21 0.00	67.01 2.62 0.00	60.17 2.60 0.00	54.33 2.24 0.00
HUNTLEY___67 23561	50.52 0.72 0.00	50.91 0.40 0.00	49.87 -0.11 0.00	43.05 -0.51 0.00	39.74 -0.50 0.00	38.27 -0.52 0.00	39.24 -0.66 0.00	42.65 -1.26 0.00	50.59 -0.78 0.00	48.58 0.19 0.00	52.05 1.31 0.00	48.12 1.11 0.00	54.49 1.87 0.00	64.74 1.86 0.00	67.13 1.53 0.00	58.44 0.80 0.00	52.64 0.90 0.00	68.88 2.10 0.00	83.79 2.72 0.00	68.41 1.82 0.00	78.81 1.89 0.00	66.57 2.18 0.00	59.63 2.06 0.00	53.82 1.73 0.00
HUNTLEY___68 23562	50.52 0.72 0.00	50.91 0.40 0.00	49.87 -0.11 0.00	43.05 -0.51 0.00	39.74 -0.50 0.00	38.27 -0.52 0.00	39.24 -0.66 0.00	42.65 -1.26 0.00	50.59 -0.78 0.00	48.58 0.19 0.00	52.05 1.31 0.00	48.12 1.11 0.00	54.49 1.87 0.00	64.74 1.86 0.00	67.13 1.53 0.00	58.44 0.80 0.00	52.64 0.90 0.00	68.88 2.10 0.00	83.79 2.72 0.00	68.41 1.82 0.00	78.81 1.89 0.00	66.57 2.18 0.00	59.63 2.06 0.00	53.82 1.73 0.00

HYLAND___LFGE 323620	53.79 3.99 0.00	54.06 3.55 0.00	52.91 2.93 0.00	45.75 2.18 0.00	42.25 2.01 0.00	40.64 1.86 0.00	41.85 1.95 0.00	45.84 1.93 0.00	54.08 2.70 0.00	50.90 2.51 0.00	52.98 2.25 0.00	48.70 1.69 0.00	54.21 1.59 0.00	64.23 1.35 0.00	67.15 1.55 0.00	58.80 1.16 0.00	53.36 1.62 0.00	69.65 2.87 0.00	86.08 5.01 0.00	72.07 5.47 0.00	83.19 6.28 0.00	70.06 5.67 0.00	62.23 4.66 0.00	57.07 4.98 0.00
INDECK___CORINTH 23802	51.84 2.04 0.00	52.86 2.35 0.00	52.44 2.47 0.00	45.70 2.14 0.00	42.32 2.08 0.00	40.84 2.06 0.00	41.88 1.97 0.00	45.76 1.86 0.00	53.48 2.11 0.00	50.08 1.69 0.00	50.22 1.04 1.55	33.11 0.77 14.67	34.22 0.83 19.23	63.20 1.26 0.95	67.36 1.76 0.00	59.39 1.75 0.00	54.06 2.32 0.00	71.13 4.35 0.00	86.25 5.19 0.00	70.31 3.71 0.00	81.19 4.28 0.00	67.01 2.62 0.00	59.88 2.31 0.00	54.03 1.94 0.00
INDECK___ILION 23567	50.15 0.34 0.00	51.06 0.55 0.00	50.66 0.69 0.00	44.25 0.69 0.00	40.96 0.72 0.00	39.51 0.73 0.00	40.65 0.75 0.00	44.48 0.57 0.00	51.78 0.40 0.00	48.58 0.19 0.00	50.73 0.00 0.00	46.74 -0.27 0.00	52.39 -0.23 0.00	62.68 -0.20 0.00	65.75 0.15 0.00	57.74 0.10 0.00	52.05 0.31 0.00	68.26 1.47 0.00	82.53 1.46 0.00	67.39 0.80 0.00	77.67 0.75 0.00	64.67 0.28 0.00	57.78 0.21 0.00	52.17 0.07 0.00
INDECK___OLEAN 23982	50.55 0.75 0.00	51.06 0.56 0.00	50.07 0.09 0.00	43.37 -0.20 0.00	40.18 -0.07 0.00	38.69 -0.09 0.00	39.87 -0.03 0.00	43.19 -0.72 0.00	51.04 -0.34 0.00	48.92 0.53 0.00	52.09 1.36 0.00	48.25 1.24 0.00	54.01 1.39 0.00	64.16 1.28 0.00	66.53 0.93 0.00	58.10 0.46 0.00	52.41 0.67 0.00	68.64 1.86 0.00	82.76 1.69 0.00	67.67 1.08 0.00	78.07 1.15 0.00	65.88 1.50 0.00	59.28 1.71 0.00	53.59 1.49 0.00
INDECK___OSWEGO 23783	53.76 -0.95 -4.91	52.50 -0.83 -2.83	51.80 -0.89 -2.71	43.20 -0.82 -0.45	39.50 -0.74 0.00	38.06 -0.72 0.00	39.14 -0.76 0.00	43.47 -0.98 -0.54	53.23 -1.09 -2.94	48.19 -0.95 -0.76	50.55 -0.96 -0.77	45.86 -1.15 0.00	51.97 -1.28 -0.63	62.89 -1.53 -1.54	65.18 -1.54 -1.11	56.36 -1.29 0.00	50.78 -0.96 0.00	66.77 -0.84 -0.82	91.70 -0.95 -11.59	70.71 -0.79 -4.91	77.75 -0.96 -1.80	64.49 -0.98 -1.08	57.74 -0.96 -1.13	51.86 -0.76 -0.53
INDECK___YERKES 23781	50.91 1.11 0.00	51.30 0.79 0.00	50.23 0.26 0.00	43.35 -0.22 0.00	39.97 -0.27 0.00	38.49 -0.29 0.00	39.47 -0.44 0.00	42.89 -1.02 0.00	50.92 -0.46 0.00	48.91 0.52 0.00	52.44 1.71 0.00	48.57 1.55 0.00	55.03 2.41 0.00	65.36 2.48 0.00	67.49 1.89 0.00	58.69 1.05 0.00	52.88 1.14 0.00	69.19 2.41 0.00	84.20 3.13 0.00	68.68 2.09 0.00	79.11 2.20 0.00	67.05 2.66 0.00	60.22 2.65 0.00	54.38 2.28 0.00
INDIAN POINT_GT_1 24139	51.12 1.31 0.00	52.22 1.72 0.00	51.83 1.85 0.00	45.33 1.76 0.00	42.04 1.80 0.00	40.53 1.75 0.00	41.74 1.83 0.00	45.63 1.72 0.00	53.01 1.63 0.00	49.94 1.56 0.00	53.97 1.45 -1.78	65.41 1.56 -16.84	76.37 1.69 -22.06	66.04 2.07 -1.09	67.96 2.36 0.00	60.14 2.50 0.00	54.50 2.76 0.00	70.66 3.88 0.00	84.86 3.79 0.00	68.96 2.36 0.00	79.00 2.08 0.00	65.70 1.31 0.00	58.87 1.30 0.00	53.45 1.36 0.00
INDIAN POINT_GT_2 23659	51.12 1.31 0.00	52.22 1.72 0.00	51.83 1.85 0.00	45.33 1.76 0.00	42.04 1.80 0.00	40.53 1.75 0.00	41.74 1.83 0.00	45.63 1.72 0.00	53.01 1.63 0.00	49.94 1.56 0.00	53.97 1.45 -1.78	65.41 1.56 -16.84	76.37 1.69 -22.06	66.04 2.07 -1.09	67.96 2.36 0.00	60.14 2.50 0.00	54.50 2.76 0.00	70.66 3.88 0.00	84.86 3.79 0.00	68.96 2.36 0.00	79.00 2.08 0.00	65.70 1.31 0.00	58.87 1.30 0.00	53.45 1.36 0.00
INDIAN POINT_GT_3 24019	51.12 1.31 0.00	52.22 1.72 0.00	51.83 1.85 0.00	45.33 1.76 0.00	42.04 1.80 0.00	40.53 1.75 0.00	41.74 1.83 0.00	45.63 1.72 0.00	53.01 1.63 0.00	49.94 1.56 0.00	53.97 1.45 -1.78	65.41 1.56 -16.84	76.37 1.69 -22.06	66.04 2.07 -1.09	67.96 2.36 0.00	60.14 2.50 0.00	54.50 2.76 0.00	70.66 3.88 0.00	84.86 3.79 0.00	68.96 2.36 0.00	79.00 2.08 0.00	65.70 1.31 0.00	58.87 1.30 0.00	53.45 1.36 0.00
INDIAN POINT___2 23530	51.08 1.27 0.00	52.18 1.67 0.00	51.77 1.80 0.00	45.28 1.72 0.00	42.00 1.76 0.00	40.48 1.70 0.00	41.70 1.80 0.00	45.58 1.67 0.00	52.95 1.57 0.00	49.89 1.50 0.00	53.85 1.39 -1.73	64.85 1.52 -16.32	75.67 1.67 -21.38	65.98 2.05 -1.05	67.92 2.32 0.00	60.13 2.48 0.00	54.47 2.72 0.00	70.62 3.84 0.00	84.80 3.73 0.00	68.90 2.30 0.00	78.93 2.01 0.00	65.68 1.29 0.00	58.86 1.29 0.00	53.42 1.33 0.00
INDIAN POINT___3 23531	51.07 1.27 0.00	52.18 1.67 0.00	51.79 1.81 0.00	45.29 1.73 0.00	42.01 1.77 0.00	40.50 1.71 0.00	41.70 1.80 0.00	45.58 1.67 0.00	52.96 1.59 0.00	49.89 1.50 0.00	53.90 1.39 -1.79	65.38 1.51 -16.86	76.35 1.64 -22.09	65.98 2.02 -1.09	67.88 2.28 0.00	60.08 2.44 0.00	54.44 2.69 0.00	70.60 3.82 0.00	84.78 3.71 0.00	68.88 2.29 0.00	78.92 2.00 0.00	65.64 1.25 0.00	58.83 1.26 0.00	53.40 1.31 0.00
INGHAM_C_115KV_TB7 356103	50.24 0.44 0.00	51.32 0.81 0.00	51.06 1.09 0.00	44.73 1.16 0.00	41.47 1.23 0.00	40.05 1.27 0.00	41.22 1.32 0.00	44.84 0.93 0.00	51.91 0.53 0.00	48.43 0.04 0.00	50.26 -0.47 0.00	45.90 -1.11 0.00	51.57 -1.05 0.00	61.79 -1.09 0.00	65.28 -0.32 0.00	57.19 -0.45 0.00	51.73 -0.01 0.00	69.21 2.43 0.00	83.42 2.35 0.00	67.74 1.14 0.00	77.95 1.03 0.00	64.64 0.25 0.00	57.72 0.14 0.00	52.01 -0.08 0.00
IP CORINTH___1 23988	52.13 2.33 0.00	53.13 2.63 0.00	52.70 2.72 0.00	45.92 2.36 0.00	42.53 2.29 0.00	41.04 2.26 0.00	42.08 2.18 0.00	45.99 2.07 0.00	53.75 2.37 0.00	50.35 1.96 0.00	50.53 1.34 1.55	33.39 1.05 14.67	34.54 1.15 19.23	63.57 1.63 0.95	67.75 2.14 0.00	59.72 2.08 0.00	54.36 2.62 0.00	71.54 4.75 0.00	86.73 5.66 0.00	70.70 4.11 0.00	81.63 4.72 0.00	67.39 3.00 0.00	60.22 2.65 0.00	54.34 2.25 0.00
IP___TICONDEROGA 23804	54.86 5.05 0.00	55.91 5.40 0.00	55.14 5.16 0.00	48.02 4.46 0.00	44.56 4.32 0.00	42.99 4.21 0.00	43.69 3.79 0.00	47.23 3.32 0.00	55.00 3.63 0.00	51.59 3.20 0.00	52.11 2.97 1.59	34.36 2.39 15.04	35.89 2.98 19.71	66.20 4.29 0.97	70.76 5.16 0.00	62.14 4.50 0.00	57.24 5.49 0.00	76.72 9.94 0.00	92.24 11.17 0.00	74.84 8.24 0.00	86.52 9.61 0.00	70.67 6.28 0.00	63.13 5.56 0.00	57.00 4.90 0.00
ISLIP_RES_REC 323679	39.87 1.04 10.96	52.81 2.31 0.00	52.65 2.68 0.00	46.11 2.54 0.00	42.67 2.43 0.00	41.06 2.28 0.00	42.49 2.59 0.00	46.52 2.61 0.00	53.56 2.19 0.00	50.28 1.89 0.00	55.31 2.75 -1.82	66.99 2.81 -17.16	77.20 2.30 -22.29	65.50 2.13 -0.49	65.37 2.57 2.80	29.72 2.36 30.28	32.34 2.66 22.06	27.91 3.67 42.54	32.19 3.75 52.63	28.40 2.45 40.64	34.07 2.13 44.97	30.64 1.20 34.94	31.76 1.08 26.89	53.88 1.78 0.00

JAMAICA__27_KV_LOAD 355505	51.82 2.01 0.00	52.86 2.35 0.00	52.43 2.46 0.00	45.87 2.31 0.00	42.57 2.33 0.00	41.05 2.27 0.00	42.33 2.42 0.00	46.29 2.38 0.00	53.73 2.36 0.00	50.70 2.31 0.00	54.56 2.01 -1.82	66.26 2.09 -17.16	77.60 2.35 -22.63	66.84 2.86 -1.11	68.76 3.16 0.00	60.96 3.26 -0.06	56.15 3.50 -0.91	73.02 4.70 -1.53	87.59 4.67 -1.85	69.56 2.96 0.00	79.61 2.69 0.00	66.31 1.92 0.00	59.70 2.13 0.00	54.19 2.10 0.00
JANIS__SOLAR 323808	52.17 2.37 0.00	52.84 2.33 0.00	52.14 2.17 0.00	45.38 1.81 0.00	41.92 1.68 0.00	40.41 1.62 0.00	41.53 1.63 0.00	45.38 1.47 0.00	53.01 1.64 0.00	49.94 1.55 0.00	52.75 2.02 0.00	48.54 1.53 0.00	54.47 1.86 0.00	65.13 2.25 0.00	68.26 2.66 0.00	60.18 2.53 0.00	53.88 2.14 0.00	70.56 3.78 0.00	85.97 4.91 0.00	71.36 4.76 0.00	82.53 5.62 0.00	68.91 4.52 0.00	61.08 3.51 0.00	54.84 2.75 0.00
JARVIS____ 23743	49.89 0.08 0.00	50.68 0.17 0.00	50.23 0.25 0.00	43.81 0.24 0.00	40.49 0.24 0.00	39.04 0.25 0.00	40.15 0.25 0.00	44.10 0.19 0.00	51.53 0.15 0.00	48.46 0.07 0.00	50.78 0.04 0.00	47.05 0.04 0.00	52.63 0.02 0.00	62.93 0.05 0.00	65.73 0.12 0.00	57.81 0.17 0.00	52.00 0.26 0.00	67.31 0.52 0.00	81.58 0.51 0.00	66.88 0.29 0.00	77.14 0.23 0.00	64.40 0.01 0.00	57.57 0.00 0.00	52.10 0.00 0.00
JENNISON____1 23625	51.76 1.96 0.00	53.02 2.52 0.00	52.44 2.46 0.00	45.67 2.11 0.00	42.07 1.82 0.00	40.62 1.84 0.00	41.71 1.80 0.00	45.69 1.78 0.00	53.63 2.25 0.00	50.53 2.14 0.00	53.43 2.70 0.00	49.45 2.44 0.00	55.54 2.92 0.00	66.43 3.55 0.00	69.52 3.92 0.00	60.68 3.04 0.00	54.15 2.41 0.00	71.00 4.22 0.00	86.05 4.98 0.00	70.41 3.82 0.00	80.85 3.93 0.00	67.44 3.05 0.00	59.69 2.12 0.00	53.78 1.68 0.00
JENNISON____2 23626	51.76 1.96 0.00	53.02 2.52 0.00	52.44 2.46 0.00	45.67 2.11 0.00	42.07 1.82 0.00	40.62 1.84 0.00	41.71 1.80 0.00	45.69 1.78 0.00	53.63 2.25 0.00	50.53 2.14 0.00	53.43 2.70 0.00	49.45 2.44 0.00	55.54 2.92 0.00	66.43 3.55 0.00	69.52 3.92 0.00	60.68 3.04 0.00	54.15 2.41 0.00	71.00 4.22 0.00	86.05 4.98 0.00	70.41 3.82 0.00	80.85 3.93 0.00	67.44 3.05 0.00	59.69 2.12 0.00	53.78 1.68 0.00
JERICOHO_RISE_WT_PWR 323719	49.99 0.18 0.00	50.46 -0.05 0.00	49.71 -0.27 0.00	43.18 -0.38 0.00	39.77 -0.47 0.00	38.30 -0.48 0.00	39.42 -0.49 0.00	43.72 -0.19 0.00	51.32 -0.06 0.00	48.49 0.10 0.00	50.87 0.13 0.00	47.07 0.06 0.00	52.63 0.02 0.00	62.84 -0.04 0.00	65.34 -0.26 0.00	57.07 -0.58 0.00	50.74 -1.00 0.00	64.77 -2.01 0.00	79.39 -1.68 0.00	65.32 -1.28 0.00	75.97 -0.94 0.00	63.98 -0.41 0.00	57.15 -0.42 0.00	51.70 -0.40 0.00
KATONAH__115KV_46KV_TB4 355592	51.40 1.60 0.00	52.52 2.01 0.00	52.13 2.15 0.00	45.58 2.02 0.00	42.25 2.01 0.00	40.74 1.96 0.00	41.94 2.04 0.00	45.89 1.98 0.00	53.34 1.96 0.00	50.27 1.88 0.00	54.35 1.79 -1.82	66.09 1.89 -17.20	77.19 2.04 -22.53	66.52 2.54 -1.11	68.46 2.86 0.00	60.58 2.94 0.00	54.93 3.18 0.00	71.20 4.42 0.00	85.52 4.45 0.00	69.48 2.89 0.00	79.60 2.69 0.00	66.15 1.76 0.00	59.23 1.65 0.00	53.74 1.65 0.00
KCE_NY_1 323755	51.87 2.07 0.00	52.90 2.40 0.00	52.50 2.53 0.00	45.81 2.24 0.00	42.38 2.14 0.00	40.94 2.16 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.74 2.36 0.00	50.43 2.04 0.00	50.76 1.67 1.65	32.81 1.35 15.55	33.74 1.51 20.38	63.80 1.92 1.00	67.94 2.33 0.00	59.95 2.31 0.00	54.35 2.61 0.00	71.07 4.29 0.00	86.02 4.96 0.00	70.11 3.51 0.00	80.91 3.99 0.00	66.98 2.59 0.00	59.91 2.34 0.00	54.14 2.05 0.00
KCE_NY_6_ESR 323823	51.15 1.34 0.00	51.49 0.98 0.00	50.40 0.43 0.00	43.45 -0.12 0.00	40.13 -0.12 0.00	38.69 -0.09 0.00	39.67 -0.23 0.00	43.12 -0.78 0.00	51.18 -0.20 0.00	49.17 0.78 0.00	52.66 1.93 0.00	48.72 1.71 0.00	55.15 2.54 0.00	65.62 2.74 0.00	68.08 2.47 0.00	59.36 1.72 0.00	53.49 1.75 0.00	70.00 3.22 0.00	85.19 4.13 0.00	69.67 3.07 0.00	80.18 3.27 0.00	67.63 3.24 0.00	60.43 2.86 0.00	54.46 2.36 0.00
KEDC PORT_JEFF_GT2 24210	39.35 0.61 11.06	52.40 1.89 0.00	52.29 2.32 0.00	45.79 2.22 0.00	42.37 2.13 0.00	40.79 2.00 0.00	42.18 2.28 0.00	46.17 2.26 0.00	53.14 1.76 0.00	49.83 1.44 0.00	54.80 2.24 -1.82	66.52 2.35 -17.16	76.67 1.78 -22.28	64.76 1.47 -0.41	64.38 1.75 2.97	28.40 1.34 30.58	31.17 1.68 22.26	26.34 2.49 42.93	30.29 2.33 53.10	26.92 1.33 41.00	32.71 1.16 45.37	29.64 0.50 35.25	30.98 0.54 27.13	53.43 1.33 0.00
KEDC PORT_JEFF_GT3 24211	39.35 0.61 11.06	52.40 1.89 0.00	52.29 2.32 0.00	45.79 2.22 0.00	42.37 2.13 0.00	40.79 2.00 0.00	42.18 2.28 0.00	46.17 2.26 0.00	53.14 1.76 0.00	49.83 1.44 0.00	54.80 2.24 -1.82	66.52 2.35 -17.16	76.67 1.78 -22.28	64.76 1.47 -0.41	64.38 1.75 2.97	28.40 1.34 30.58	31.17 1.68 22.26	26.34 2.49 42.93	30.29 2.33 53.10	26.92 1.33 41.00	32.71 1.16 45.37	29.64 0.50 35.25	30.98 0.54 27.13	53.43 1.33 0.00
KEDC_GLWD_GT4 24219	47.96 1.56 3.41	52.84 2.34 0.00	52.50 2.52 0.00	45.91 2.35 0.00	42.55 2.30 0.00	40.98 2.20 0.00	42.27 2.37 0.00	46.22 2.32 0.00	53.58 2.20 0.00	50.41 2.03 0.00	54.89 2.33 -1.82	66.53 2.35 -17.16	77.27 2.17 -22.49	66.44 2.45 -1.11	67.87 2.79 0.52	51.15 2.82 9.30	48.35 3.07 6.46	58.39 4.17 12.55	69.66 4.14 15.55	56.57 2.59 12.62	65.23 2.27 13.96	55.03 1.49 10.85	50.74 1.52 8.35	53.94 1.85 0.00
KEDC_GLWD_GT5 24220	47.96 1.56 3.41	52.84 2.34 0.00	52.50 2.52 0.00	45.91 2.35 0.00	42.55 2.30 0.00	40.98 2.20 0.00	42.27 2.37 0.00	46.22 2.32 0.00	53.58 2.20 0.00	50.41 2.03 0.00	54.89 2.33 -1.82	66.53 2.35 -17.16	77.27 2.17 -22.49	66.44 2.45 -1.11	67.87 2.79 0.52	51.15 2.82 9.30	48.35 3.07 6.46	58.39 4.17 12.55	69.66 4.14 15.55	56.57 2.59 12.62	65.23 2.27 13.96	55.03 1.49 10.85	50.74 1.52 8.35	53.94 1.85 0.00
KENSICO____ 23655	51.22 1.41 0.00	52.35 1.85 0.00	51.97 1.99 0.00	45.46 1.90 0.00	42.17 1.93 0.00	40.65 1.87 0.00	41.86 1.95 0.00	45.77 1.86 0.00	53.17 1.79 0.00	50.08 1.69 0.00	54.13 1.58 -1.81	65.82 1.69 -17.11	76.84 1.80 -22.42	66.18 2.19 -1.11	68.08 2.47 0.00	60.24 2.60 0.00	54.60 2.86 0.00	70.78 4.00 0.00	85.01 3.95 0.00	69.06 2.46 0.00	79.12 2.21 0.00	65.79 1.41 0.00	58.96 1.39 0.00	53.54 1.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.70 1.90 0.00	52.72 2.21 0.00	52.26 2.28 0.00	45.64 2.08 0.00	42.29 2.05 0.00	40.78 1.99 0.00	41.99 2.08 0.00	45.93 2.02 0.00	53.44 2.07 0.00	50.27 1.88 0.00	53.62 1.79 -1.10	59.38 2.00 -10.37	68.59 2.38 -13.60	66.61 3.06 -0.67	68.76 3.15 0.00	60.90 3.25 0.00	55.30 3.56 0.00	71.99 5.21 0.00	86.53 5.47 0.00	70.37 3.78 0.00	80.71 3.79 0.00	67.09 2.70 0.00	59.99 2.42 0.00	54.30 2.20 0.00

KIAC_JFK_GT1 23816	51.25 1.45 0.00	52.37 1.87 0.00	51.96 1.98 0.00	45.46 1.90 0.00	42.20 1.96 0.00	40.68 1.90 0.00	41.95 2.04 0.00	45.88 1.97 0.00	53.24 1.86 0.00	50.18 1.79 0.00	54.01 1.46 -1.82	65.74 1.58 -17.16	77.01 1.76 -22.63	66.13 2.15 -1.11	67.99 2.39 0.00	60.30 2.60 -0.06	55.54 2.89 -0.91	72.23 3.91 -1.53	86.63 3.71 -1.85	68.79 2.19 0.00	78.72 1.80 0.00	65.56 1.17 0.00	59.05 1.48 0.00	53.59 1.50 0.00
KIAC_JFK_GT2 23817	51.25 1.45 0.00	52.37 1.87 0.00	51.96 1.98 0.00	45.46 1.90 0.00	42.20 1.96 0.00	40.68 1.90 0.00	41.95 2.04 0.00	45.88 1.97 0.00	53.24 1.86 0.00	50.18 1.79 0.00	54.01 1.46 -1.82	65.74 1.58 -17.16	77.01 1.76 -22.63	66.13 2.15 -1.11	67.99 2.39 0.00	60.30 2.60 -0.06	55.54 2.89 -0.91	72.23 3.91 -1.53	86.63 3.71 -1.85	68.79 2.19 0.00	78.72 1.80 0.00	65.56 1.17 0.00	59.05 1.48 0.00	53.59 1.50 0.00
KIAC_JFK____ 323774	51.25 1.45 0.00	52.37 1.87 0.00	51.96 1.99 0.00	45.46 1.90 0.00	42.20 1.96 0.00	40.68 1.90 0.00	41.95 2.04 0.00	45.88 1.97 0.00	53.24 1.86 0.00	50.17 1.78 0.00	54.01 1.46 -1.82	65.74 1.58 -17.16	77.02 1.77 -22.63	66.13 2.15 -1.11	67.99 2.39 0.00	60.30 2.59 -0.06	55.54 2.89 -0.91	72.22 3.91 -1.53	86.62 3.70 -1.85	68.78 2.19 0.00	78.72 1.80 0.00	65.56 1.17 0.00	59.05 1.48 0.00	53.60 1.50 0.00
KINTIGH__24_KV_GSU 356498	50.34 0.54 0.00	50.84 0.33 0.00	49.90 -0.08 0.00	43.15 -0.41 0.00	39.81 -0.43 0.00	38.35 -0.44 0.00	39.36 -0.54 0.00	42.84 -1.07 0.00	50.70 -0.67 0.00	48.51 0.12 0.00	51.76 1.03 0.00	47.92 0.91 0.00	54.14 1.52 0.00	64.42 1.54 0.00	66.91 1.31 0.00	58.36 0.72 0.00	52.58 0.84 0.00	68.72 1.94 0.00	83.52 2.45 0.00	68.13 1.53 0.00	78.47 1.56 0.00	66.20 1.81 0.00	59.28 1.71 0.00	53.58 1.48 0.00
KINTIGH____ 23543	50.30 0.49 0.00	50.79 0.28 0.00	49.84 -0.14 0.00	43.10 -0.46 0.00	39.79 -0.45 0.00	38.31 -0.48 0.00	39.33 -0.58 0.00	42.79 -1.11 0.00	50.65 -0.73 0.00	48.46 0.07 0.00	51.73 1.00 0.00	47.88 0.86 0.00	54.12 1.50 0.00	64.39 1.51 0.00	66.87 1.27 0.00	58.31 0.67 0.00	52.52 0.77 0.00	68.64 1.86 0.00	83.40 2.34 0.00	68.06 1.47 0.00	78.40 1.49 0.00	66.14 1.75 0.00	59.24 1.67 0.00	53.54 1.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.24 0.44 0.00	50.84 0.33 0.00	50.06 0.08 0.00	43.49 -0.08 0.00	40.05 -0.19 0.00	38.56 -0.22 0.00	39.66 -0.24 0.00	43.95 0.04 0.00	51.54 0.16 0.00	48.66 0.27 0.00	50.94 0.20 0.00	47.15 0.14 0.00	52.72 0.11 0.00	62.95 0.07 0.00	65.54 -0.07 0.00	57.20 -0.44 0.00	50.94 -0.80 0.00	65.13 -1.65 0.00	80.00 -1.07 0.00	65.94 -0.65 0.00	76.70 -0.22 0.00	64.55 0.17 0.00	57.58 0.01 0.00	52.09 -0.01 0.00
LACHUTE____HYDRO 323717	54.86 5.05 0.00	55.91 5.40 0.00	55.13 5.16 0.00	48.02 4.45 0.00	44.56 4.32 0.00	42.99 4.21 0.00	43.69 3.78 0.00	47.23 3.32 0.00	55.01 3.63 0.00	51.59 3.20 0.00	52.11 2.97 1.59	34.35 2.38 15.04	35.89 2.98 19.71	66.19 4.29 0.97	70.76 5.16 0.00	62.14 4.50 0.00	57.24 5.49 0.00	76.72 9.94 0.00	92.24 11.17 0.00	74.83 8.24 0.00	86.52 9.61 0.00	70.67 6.28 0.00	63.13 5.56 0.00	57.00 4.91 0.00
LAWRNCV_115KV_TB1 80681	50.87 1.06 0.00	51.10 0.59 0.00	50.30 0.33 0.00	43.67 0.10 0.00	40.16 -0.09 0.00	38.70 -0.09 0.00	39.81 -0.09 0.00	44.09 0.18 0.00	51.82 0.44 0.00	48.98 0.59 0.00	51.52 0.79 0.00	47.62 0.61 0.00	53.26 0.64 0.00	63.48 0.60 0.00	66.05 0.45 0.00	57.73 0.09 0.00	51.55 -0.19 0.00	65.00 -1.78 0.00	80.71 -0.35 0.00	66.95 0.36 0.00	78.04 1.12 0.00	65.85 1.46 0.00	58.75 1.18 0.00	53.18 1.09 0.00
LEDERLE____ 23769	51.51 1.71 0.00	52.57 2.06 0.00	52.12 2.14 0.00	45.57 2.00 0.00	42.25 2.01 0.00	40.73 1.95 0.00	41.95 2.05 0.00	45.85 1.95 0.00	53.33 1.95 0.00	50.28 1.89 0.00	54.26 1.84 -1.69	64.94 1.98 -15.94	75.76 2.25 -20.89	66.69 2.78 -1.03	68.70 3.09 0.00	60.83 3.19 0.00	55.12 3.38 0.00	71.47 4.69 0.00	85.78 4.71 0.00	69.66 3.07 0.00	79.78 2.86 0.00	66.38 1.99 0.00	59.44 1.87 0.00	53.89 1.80 0.00
LIGHTHSE_115KV_TB6 355974	52.93 0.72 -2.40	52.51 0.62 -1.39	51.72 0.42 -1.33	44.05 0.27 -0.22	40.43 0.18 0.00	38.99 0.20 0.00	40.08 0.18 0.00	44.20 0.02 -0.26	52.88 0.07 -1.44	48.92 0.16 -0.37	51.35 0.24 -0.38	47.12 0.11 0.00	53.14 0.21 -0.31	64.05 0.41 -0.75	66.50 0.36 -0.54	57.98 0.34 0.00	52.36 0.62 0.00	68.46 1.27 -0.40	88.83 2.09 -5.68	70.98 1.98 -2.40	80.27 2.48 -0.88	66.71 1.80 -0.53	59.48 1.36 -0.55	53.19 0.84 -0.26
LINDEN COGEN____ 23786	51.04 1.24 0.00	51.90 1.67 0.28	51.00 1.81 0.78	45.37 1.81 0.00	42.13 1.89 0.00	40.62 1.83 0.00	41.85 1.94 0.00	45.72 1.82 0.00	52.95 1.66 0.08	50.04 1.66 0.00	53.97 1.41 -1.82	65.70 1.54 -17.16	76.70 1.61 -22.48	65.96 1.97 -1.11	67.84 2.24 0.00	60.10 2.46 0.00	54.52 2.78 0.00	70.57 3.79 0.00	84.68 3.61 0.00	68.71 2.12 0.00	78.63 1.71 0.00	65.42 1.03 0.00	58.74 1.17 0.00	53.40 1.31 0.00
LINDHRST_69_KV_BK1 356055	41.83 1.46 9.44	53.16 2.65 0.00	52.95 2.98 0.00	46.31 2.75 0.00	42.90 2.65 0.00	41.27 2.49 0.00	42.65 2.74 0.00	46.65 2.74 0.00	53.81 2.43 0.00	50.45 2.07 0.00	55.33 2.78 -1.82	67.00 2.83 -17.16	77.39 2.45 -22.33	66.14 2.40 -0.86	66.48 2.78 1.90	34.40 2.72 25.96	35.88 3.06 18.92	34.46 4.18 36.50	40.06 4.16 45.16	34.20 2.60 34.99	40.51 2.30 38.72	35.86 1.55 30.08	35.78 1.37 23.15	54.14 2.05 0.00
LIPA_MISC_IPP 23656	39.16 0.46 11.11	52.20 1.70 0.00	52.08 2.11 0.00	45.61 2.05 0.00	42.21 1.97 0.00	40.62 1.84 0.00	42.02 2.11 0.00	46.00 2.09 0.00	52.98 1.60 0.00	49.66 1.27 0.00	54.57 2.02 -1.82	66.28 2.11 -17.16	76.36 1.46 -22.28	64.62 1.14 -0.60	64.48 1.51 2.63	28.52 1.51 30.64	31.29 1.91 22.35	26.51 2.84 43.11	30.66 2.92 53.33	27.20 1.78 41.17	32.66 1.31 45.56	29.38 0.39 35.40	30.67 0.34 27.24	53.20 1.11 0.00
LISF____SOLAR 323691	39.29 0.57 11.09	52.31 1.80 0.00	52.19 2.21 0.00	45.69 2.13 0.00	42.28 2.04 0.00	40.70 1.91 0.00	42.10 2.19 0.00	46.08 2.17 0.00	53.08 1.70 0.00	49.76 1.37 0.00	54.68 2.13 -1.82	66.37 2.20 -17.16	76.45 1.55 -22.28	64.70 1.25 -0.57	64.56 1.63 2.67	28.67 1.62 30.60	31.40 1.98 22.32	26.62 2.88 43.04	30.87 3.05 53.24	27.43 1.95 41.11	32.90 1.47 45.49	29.57 0.53 35.34	30.84 0.47 27.20	53.32 1.22 0.00
LITTLE FALLS____HYD 24013	50.24 0.44 0.00	51.32 0.81 0.00	51.06 1.09 0.00	44.73 1.16 0.00	41.47 1.23 0.00	40.05 1.27 0.00	41.22 1.32 0.00	44.84 0.93 0.00	51.91 0.53 0.00	48.43 0.04 0.00	50.26 -0.47 0.00	45.90 -1.11 0.00	51.57 -1.05 0.00	61.79 -1.09 0.00	65.28 -0.32 0.00	57.19 -0.45 0.00	51.73 -0.01 0.00	69.21 2.43 0.00	83.42 2.35 0.00	67.74 1.14 0.00	77.95 1.03 0.00	64.64 0.25 0.00	57.72 0.14 0.00	52.01 -0.08 0.00

LITTLRIV_115KV_TB1 356100	51.73 1.92 0.00	51.93 1.43 0.00	51.08 1.10 0.00	44.31 0.75 0.00	40.74 0.50 0.00	39.26 0.48 0.00	40.39 0.49 0.00	44.64 0.73 0.00	52.28 0.90 0.00	49.27 0.88 0.00	51.75 1.02 0.00	47.80 0.79 0.00	53.42 0.80 0.00	63.73 0.85 0.00	66.39 0.79 0.00	58.12 0.47 0.00	52.03 0.29 0.00	65.69 -1.09 0.00	81.55 0.49 0.00	67.99 1.40 0.00	79.63 2.71 0.00	67.33 2.94 0.00	60.01 2.44 0.00	54.26 2.16 0.00
LI_NEWBRDGE___DRP 323616	38.54 0.76 12.03	52.37 1.87 0.00	52.15 2.18 0.00	45.63 2.07 0.00	42.28 2.03 0.00	40.71 1.93 0.00	42.03 2.13 0.00	45.94 2.03 0.00	53.01 1.64 0.00	49.74 1.35 0.00	54.41 1.86 -1.82	66.05 1.88 -17.16	76.31 1.47 -22.23	65.38 1.39 -1.11	65.49 1.73 1.85	26.49 1.82 32.97	29.51 2.17 24.40	22.84 3.07 47.01	25.78 2.86 58.14	23.61 1.59 44.57	28.73 1.13 49.32	26.61 0.54 38.32	28.61 0.53 29.49	53.37 1.28 0.00
LOCKPORT_115KV_TB60_63_64 80432	50.44 0.64 0.00	50.78 0.27 0.00	49.72 -0.26 0.00	42.92 -0.65 0.00	39.58 -0.66 0.00	38.11 -0.67 0.00	39.05 -0.85 0.00	42.44 -1.47 0.00	50.36 -1.01 0.00	48.31 -0.08 0.00	51.75 1.01 0.00	47.83 0.82 0.00	54.25 1.64 0.00	64.44 1.56 0.00	66.74 1.13 0.00	58.10 0.46 0.00	52.35 0.61 0.00	68.44 1.66 0.00	83.25 2.18 0.00	67.94 1.35 0.00	78.32 1.40 0.00	66.26 1.88 0.00	59.43 1.87 0.00	53.69 1.60 0.00
LOCKPORT___CC1 323769	50.21 0.40 0.00	50.56 0.05 0.00	49.52 -0.46 0.00	42.73 -0.84 0.00	39.41 -0.83 0.00	37.95 -0.83 0.00	38.88 -1.02 0.00	42.26 -1.65 0.00	50.17 -1.21 0.00	48.11 -0.28 0.00	51.52 0.78 0.00	47.64 0.63 0.00	54.00 1.38 0.00	64.13 1.25 0.00	66.42 0.82 0.00	57.82 0.18 0.00	52.07 0.33 0.00	68.10 1.32 0.00	82.85 1.78 0.00	67.61 1.02 0.00	77.96 1.04 0.00	65.94 1.55 0.00	59.16 1.59 0.00	53.45 1.35 0.00
LOCKPORT___CC2 323770	50.21 0.40 0.00	50.56 0.05 0.00	49.52 -0.46 0.00	42.73 -0.84 0.00	39.41 -0.83 0.00	37.95 -0.83 0.00	38.88 -1.02 0.00	42.26 -1.65 0.00	50.17 -1.21 0.00	48.11 -0.28 0.00	51.52 0.78 0.00	47.64 0.63 0.00	54.00 1.38 0.00	64.13 1.25 0.00	66.42 0.82 0.00	57.82 0.18 0.00	52.07 0.33 0.00	68.10 1.32 0.00	82.85 1.78 0.00	67.61 1.02 0.00	77.96 1.04 0.00	65.94 1.55 0.00	59.16 1.59 0.00	53.45 1.35 0.00
LOCKPORT___CC3 323771	50.21 0.40 0.00	50.56 0.05 0.00	49.52 -0.46 0.00	42.73 -0.84 0.00	39.41 -0.83 0.00	37.95 -0.83 0.00	38.88 -1.02 0.00	42.26 -1.65 0.00	50.17 -1.21 0.00	48.11 -0.28 0.00	51.52 0.78 0.00	47.64 0.63 0.00	54.00 1.38 0.00	64.13 1.25 0.00	66.42 0.82 0.00	57.82 0.18 0.00	52.07 0.33 0.00	68.10 1.32 0.00	82.85 1.78 0.00	67.61 1.02 0.00	77.96 1.04 0.00	65.94 1.55 0.00	59.16 1.59 0.00	53.45 1.35 0.00
LOCUSVLY_69_KV_BK2 55797	45.88 1.49 5.41	52.97 2.46 0.00	52.60 2.62 0.00	46.03 2.46 0.00	42.64 2.40 0.00	41.07 2.28 0.00	42.37 2.47 0.00	46.34 2.43 0.00	53.64 2.27 0.00	50.45 2.06 0.00	55.12 2.57 -1.82	66.67 2.50 -17.16	77.34 2.32 -22.41	66.55 2.57 -1.11	67.75 2.97 0.83	45.80 2.98 14.81	44.23 3.23 10.74	50.46 4.42 20.74	59.78 4.38 25.67	49.30 2.75 20.05	57.11 2.38 22.18	48.73 1.58 17.24	45.78 1.47 13.27	54.08 1.99 0.00
LONG_LAKE_PHOENIX 24014	52.92 -0.59 -3.71	52.07 -0.58 -2.14	51.38 -0.65 -2.05	43.28 -0.62 -0.34	39.68 -0.56 0.00	38.23 -0.55 0.00	39.32 -0.59 0.00	43.56 -0.76 -0.41	52.79 -0.80 -2.22	48.28 -0.68 -0.57	50.75 -0.57 -0.58	46.43 -0.58 0.00	52.54 -0.55 -0.48	63.42 -0.62 -1.16	65.86 -0.58 -0.84	57.21 -0.43 0.00	51.55 -0.19 0.00	67.63 0.22 -0.62	90.11 0.29 -8.75	70.51 0.21 -3.70	78.38 0.11 -1.35	65.14 -0.07 -0.82	58.23 -0.19 -0.85	52.21 -0.28 -0.40
LOVETT___3 23632	51.05 1.24 0.00	52.13 1.62 0.00	51.73 1.75 0.00	45.24 1.67 0.00	41.96 1.72 0.00	40.45 1.66 0.00	41.66 1.76 0.00	45.53 1.62 0.00	52.91 1.53 0.00	49.85 1.46 0.00	53.80 1.35 -1.71	64.68 1.48 -16.19	75.46 1.63 -21.21	65.94 2.02 -1.05	67.88 2.28 0.00	60.09 2.44 0.00	54.44 2.69 0.00	70.60 3.82 0.00	84.77 3.70 0.00	68.86 2.27 0.00	78.89 1.98 0.00	65.63 1.24 0.00	58.82 1.25 0.00	53.38 1.29 0.00
LOVETT___4 23642	51.05 1.24 0.00	52.13 1.62 0.00	51.73 1.75 0.00	45.24 1.67 0.00	41.96 1.72 0.00	40.45 1.66 0.00	41.66 1.76 0.00	45.53 1.62 0.00	52.91 1.53 0.00	49.85 1.46 0.00	53.80 1.35 -1.71	64.68 1.48 -16.19	75.46 1.63 -21.21	65.94 2.02 -1.05	67.88 2.28 0.00	60.09 2.44 0.00	54.44 2.69 0.00	70.60 3.82 0.00	84.77 3.70 0.00	68.86 2.27 0.00	78.89 1.98 0.00	65.63 1.24 0.00	58.82 1.25 0.00	53.38 1.29 0.00
LOVETT___5 23593	51.05 1.24 0.00	52.13 1.62 0.00	51.73 1.75 0.00	45.24 1.67 0.00	41.96 1.72 0.00	40.45 1.66 0.00	41.66 1.76 0.00	45.53 1.62 0.00	52.91 1.53 0.00	49.85 1.46 0.00	53.80 1.35 -1.71	64.68 1.48 -16.19	75.46 1.63 -21.21	65.94 2.02 -1.05	67.88 2.28 0.00	60.09 2.44 0.00	54.44 2.69 0.00	70.60 3.82 0.00	84.77 3.70 0.00	68.86 2.27 0.00	78.89 1.98 0.00	65.63 1.24 0.00	58.82 1.25 0.00	53.38 1.29 0.00
LOWER RAQUET___HYD 24057	50.95 1.15 0.00	51.16 0.66 0.00	50.35 0.38 0.00	43.70 0.14 0.00	40.18 -0.06 0.00	38.72 -0.07 0.00	39.85 -0.06 0.00	44.11 0.20 0.00	51.81 0.43 0.00	48.99 0.60 0.00	51.54 0.80 0.00	47.62 0.61 0.00	53.26 0.64 0.00	63.49 0.62 0.00	66.07 0.47 0.00	57.74 0.09 0.00	51.56 -0.18 0.00	65.09 -1.69 0.00	80.85 -0.22 0.00	67.10 0.50 0.00	78.27 1.36 0.00	66.02 1.63 0.00	58.86 1.29 0.00	53.25 1.16 0.00
LOWER___HUDSON 24059	50.76 0.96 0.00	51.82 1.32 0.00	51.52 1.55 0.00	45.04 1.48 0.00	41.69 1.45 0.00	40.29 1.51 0.00	41.38 1.47 0.00	45.26 1.35 0.00	52.79 1.41 0.00	49.53 1.14 0.00	49.35 0.74 2.13	27.50 0.59 20.10	26.76 0.49 26.34	62.22 0.63 1.30	66.46 0.86 0.00	58.65 1.01 0.00	53.11 1.37 0.00	69.11 2.33 0.00	83.50 2.43 0.00	68.17 1.58 0.00	78.61 1.69 0.00	65.13 0.74 0.00	58.33 0.76 0.00	52.83 0.73 0.00
LOWVILLE_115KV_TB2 356335	53.13 2.71 -0.61	53.32 2.47 -0.35	52.40 2.09 -0.34	45.32 1.70 -0.06	41.53 1.28 0.00	40.17 1.38 0.00	41.31 1.41 0.00	45.37 1.39 -0.07	53.32 1.57 -0.37	50.02 1.54 -0.09	52.62 1.79 -0.10	48.46 1.45 0.00	54.31 1.62 -0.08	65.17 2.10 -0.19	67.92 2.17 -0.14	59.46 1.82 0.00	53.89 2.15 0.00	70.01 3.13 -0.10	87.54 5.03 -1.45	71.83 4.62 -0.61	82.85 5.71 -0.22	68.63 4.10 -0.13	60.76 3.05 -0.14	54.20 2.04 -0.07
LUTHERFT_115KV_GLOB_FND_222 355753	51.86 2.05 0.00	52.87 2.36 0.00	52.48 2.51 0.00	45.80 2.23 0.00	42.38 2.13 0.00	40.92 2.14 0.00	42.03 2.12 0.00	45.96 2.05 0.00	53.70 2.32 0.00	50.38 1.99 0.00	50.71 1.62 1.65	32.78 1.33 15.55	33.66 1.42 20.38	63.72 1.84 1.00	67.86 2.25 0.00	59.86 2.22 0.00	54.26 2.52 0.00	70.93 4.15 0.00	85.86 4.79 0.00	70.04 3.44 0.00	80.78 3.86 0.00	66.91 2.52 0.00	59.86 2.29 0.00	54.10 2.01 0.00

LUTHERNY_35_KV_BK2 355980	51.87 2.07 0.00	52.91 2.40 0.00	52.50 2.53 0.00	45.81 2.24 0.00	42.38 2.14 0.00	40.94 2.16 0.00	42.05 2.15 0.00	45.95 2.04 0.00	53.74 2.36 0.00	50.43 2.05 0.00	50.76 1.68 1.65	32.81 1.36 15.55	33.74 1.51 20.38	63.80 1.92 1.00	67.94 2.34 0.00	59.95 2.31 0.00	54.35 2.61 0.00	71.07 4.29 0.00	86.02 4.96 0.00	70.11 3.51 0.00	80.91 4.00 0.00	66.98 2.59 0.00	59.91 2.34 0.00	54.14 2.05 0.00
LWR___OSWEGATCHIE_HYD 23850	52.16 1.80 -0.56	52.26 1.43 -0.32	51.37 1.08 -0.31	44.40 0.79 -0.05	40.74 0.50 0.00	39.34 0.55 0.00	40.45 0.55 0.00	44.61 0.64 -0.06	52.53 0.82 -0.34	49.38 0.91 -0.09	51.93 1.11 -0.09	47.86 0.85 0.00	53.62 0.93 -0.07	64.22 1.17 -0.17	66.81 1.08 -0.13	58.42 0.78 0.00	52.55 0.81 0.00	67.51 0.63 -0.09	84.76 2.37 -1.32	69.68 2.52 -0.56	80.64 3.52 -0.20	67.38 2.87 -0.12	59.87 2.17 -0.13	53.72 1.56 -0.06
LYONS_FALL_HYD 23570	52.43 2.24 -0.39	52.83 2.11 -0.22	52.02 1.83 -0.21	45.12 1.52 -0.03	41.49 1.24 0.00	40.06 1.27 0.00	41.20 1.30 0.00	45.24 1.30 -0.04	53.07 1.46 -0.23	49.88 1.43 -0.06	52.45 1.66 -0.06	48.43 1.42 0.00	54.31 1.64 -0.05	65.13 2.13 -0.12	67.94 2.25 -0.09	59.50 1.86 0.00	53.79 2.05 0.00	69.85 3.00 -0.06	86.49 4.51 -0.91	71.01 4.03 -0.39	81.89 4.83 -0.14	68.02 3.55 -0.08	60.37 2.71 -0.09	54.03 1.90 -0.04
MADISON___COUNTY_LFGE 323628	51.56 1.75 0.00	52.26 1.75 0.00	51.56 1.59 0.00	44.92 1.36 0.00	41.50 1.25 0.00	39.96 1.18 0.00	41.11 1.21 0.00	45.06 1.15 0.00	52.62 1.25 0.00	49.63 1.25 0.00	52.22 1.49 0.00	48.45 1.44 0.00	54.36 1.75 0.00	65.10 2.22 0.00	68.06 2.46 0.00	59.60 1.96 0.00	53.74 2.00 0.00	69.90 3.11 0.00	85.19 4.12 0.00	70.20 3.60 0.00	81.02 4.10 0.00	67.55 3.17 0.00	60.09 2.52 0.00	54.03 1.94 0.00
MALONE___115KV_TB1 356076	50.86 1.05 0.00	51.22 0.71 0.00	50.41 0.44 0.00	43.78 0.21 0.00	40.29 0.04 0.00	38.80 0.02 0.00	39.94 0.04 0.00	44.26 0.35 0.00	51.96 0.58 0.00	49.10 0.71 0.00	51.62 0.89 0.00	47.79 0.79 0.00	53.42 0.80 0.00	63.77 0.89 0.00	66.38 0.78 0.00	57.97 0.33 0.00	51.64 -0.10 0.00	65.90 -0.88 0.00	81.17 0.11 0.00	67.00 0.41 0.00	77.98 1.06 0.00	65.73 1.34 0.00	58.58 1.01 0.00	52.92 0.83 0.00
MAPLEWOD_115KV_TB3 80458	50.56 0.76 0.00	51.58 1.07 0.00	51.28 1.30 0.00	44.83 1.27 0.00	41.49 1.24 0.00	40.07 1.29 0.00	41.18 1.28 0.00	45.05 1.14 0.00	52.54 1.17 0.00	49.33 0.94 0.00	49.78 0.63 1.58	32.58 0.53 14.96	33.31 0.30 19.61	62.29 0.38 0.97	66.27 0.66 0.00	58.52 0.88 0.00	52.89 1.15 0.00	68.83 2.04 0.00	83.12 2.05 0.00	67.81 1.21 0.00	78.05 1.14 0.00	64.74 0.35 0.00	57.96 0.39 0.00	52.48 0.38 0.00
MAPLE_RIDGE_WT_1 323574	49.84 0.04 0.00	50.48 -0.03 0.00	49.91 -0.07 0.00	43.36 -0.20 0.00	40.03 -0.22 0.00	38.52 -0.26 0.00	39.69 -0.21 0.00	43.77 -0.13 0.00	51.35 -0.02 0.00	48.39 0.00 0.00	50.76 0.03 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.77 -0.11 0.00	65.44 -0.16 0.00	57.43 -0.21 0.00	51.51 -0.23 0.00	66.42 -0.36 0.00	80.77 -0.30 0.00	66.42 -0.18 0.00	76.78 -0.14 0.00	64.09 -0.30 0.00	57.11 -0.45 0.00	51.50 -0.59 0.00
MAPLE_RIDGE_WT_2 323611	49.84 0.04 0.00	50.48 -0.03 0.00	49.91 -0.07 0.00	43.36 -0.20 0.00	40.03 -0.22 0.00	38.52 -0.26 0.00	39.69 -0.21 0.00	43.77 -0.13 0.00	51.35 -0.02 0.00	48.39 0.00 0.00	50.76 0.03 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.77 -0.11 0.00	65.44 -0.16 0.00	57.43 -0.21 0.00	51.51 -0.23 0.00	66.42 -0.36 0.00	80.77 -0.30 0.00	66.42 -0.18 0.00	76.78 -0.14 0.00	64.09 -0.30 0.00	57.11 -0.45 0.00	51.50 -0.59 0.00
MARBLE_RIVER_WT_PWR 323696	49.93 0.13 0.00	50.46 -0.05 0.00	49.72 -0.26 0.00	43.20 -0.36 0.00	39.80 -0.45 0.00	38.33 -0.45 0.00	39.44 -0.46 0.00	43.72 -0.19 0.00	51.32 -0.06 0.00	48.47 0.08 0.00	50.79 0.06 0.00	47.01 0.00 0.00	52.57 -0.05 0.00	62.76 -0.12 0.00	65.28 -0.32 0.00	57.01 -0.63 0.00	50.74 -1.00 0.00	64.78 -2.00 0.00	79.39 -1.68 0.00	65.31 -1.28 0.00	75.94 -0.98 0.00	63.90 -0.49 0.00	57.08 -0.49 0.00	51.66 -0.44 0.00
MARSHVLE_115KV_TB1 80742	53.57 3.77 0.00	54.10 3.60 0.00	53.31 3.34 0.00	46.31 2.75 0.00	42.72 2.47 0.00	41.12 2.33 0.00	42.25 2.34 0.00	46.38 2.47 0.00	54.11 2.74 0.00	50.96 2.57 0.00	52.49 2.72 0.96	40.23 2.26 9.04	43.62 2.86 11.85	66.04 3.74 0.59	69.75 4.14 0.00	60.78 3.14 0.00	54.80 3.06 0.00	71.70 4.92 0.00	87.68 6.62 0.00	71.97 5.37 0.00	83.27 6.35 0.00	69.85 5.46 0.00	62.33 4.77 0.00	56.24 4.14 0.00
MARSH_HILL_WT_PWR 323713	50.81 1.01 0.00	51.14 0.63 0.00	50.03 0.05 0.00	43.34 -0.22 0.00	40.10 -0.15 0.00	38.47 -0.32 0.00	39.80 -0.11 0.00	43.70 -0.21 0.00	51.77 0.39 0.00	49.33 0.94 0.00	52.04 1.30 0.00	47.95 0.94 0.00	53.95 1.34 0.00	64.16 1.28 0.00	66.80 1.20 0.00	58.42 0.78 0.00	52.89 1.15 0.00	69.33 2.55 0.00	84.88 3.82 0.00	69.99 3.39 0.00	80.65 3.74 0.00	67.01 2.62 0.00	59.27 1.70 0.00	53.16 1.07 0.00
MCINTYRE_115KV_TB2 80467	52.01 2.20 0.00	52.19 1.69 0.00	51.34 1.36 0.00	44.53 0.96 0.00	40.94 0.70 0.00	39.45 0.67 0.00	40.58 0.67 0.00	44.80 0.89 0.00	52.39 1.01 0.00	49.33 0.94 0.00	51.81 1.07 0.00	47.84 0.83 0.00	53.47 0.85 0.00	63.79 0.91 0.00	66.53 0.92 0.00	58.22 0.58 0.00	52.17 0.43 0.00	65.80 -0.99 0.00	81.70 0.63 0.00	68.20 1.61 0.00	80.09 3.17 0.00	67.80 3.41 0.00	60.45 2.88 0.00	54.66 2.56 0.00
MECO_____69_KV_BK1 80468	53.90 4.09 0.00	54.54 4.03 0.00	53.82 3.85 0.00	46.83 3.26 0.00	43.24 2.99 0.00	41.66 2.88 0.00	42.83 2.93 0.00	46.93 3.02 0.00	54.55 3.18 0.00	51.01 2.63 0.00	52.26 2.58 1.06	38.71 1.68 9.99	41.29 1.77 13.09	64.88 2.65 0.65	70.38 4.77 0.00	60.83 3.19 0.00	54.06 2.31 0.00	72.16 5.38 0.00	89.05 7.98 0.00	72.87 6.27 0.00	84.12 7.20 0.00	70.28 5.89 0.00	62.69 5.12 0.00	56.50 4.41 0.00
MENANDS___115KV_TB5 355628	50.12 0.31 0.00	51.15 0.65 0.00	50.88 0.90 0.00	44.50 0.94 0.00	41.20 0.96 0.00	39.81 1.02 0.00	40.91 1.00 0.00	44.75 0.84 0.00	52.16 0.79 0.00	48.96 0.57 0.00	49.40 0.24 1.58	32.30 0.20 14.91	32.95 -0.13 19.54	61.74 -0.17 0.96	65.64 0.04 0.00	57.92 0.28 0.00	52.38 0.64 0.00	68.06 1.27 0.00	82.15 1.08 0.00	67.04 0.45 0.00	77.17 0.25 0.00	64.02 -0.36 0.00	57.32 -0.25 0.00	51.93 -0.17 0.00
MG INDUSTRY___DRP 24185	49.13 -0.68 0.00	50.16 -0.35 0.00	49.91 -0.06 0.00	43.68 0.11 0.00	40.44 0.20 0.00	39.04 0.26 0.00	40.15 0.25 0.00	43.94 0.03 0.00	51.20 -0.17 0.00	47.98 -0.41 0.00	49.09 -0.78 0.87	38.01 -0.79 8.21	40.68 -1.17 10.76	60.89 -1.46 0.53	64.41 -1.19 0.00	56.60 -1.04 0.00	51.07 -0.67 0.00	66.51 -0.27 0.00	80.46 -0.60 0.00	65.76 -0.84 0.00	75.71 -1.21 0.00	62.91 -1.48 0.00	56.32 -1.25 0.00	51.03 -1.06 0.00

MID___OSWEGATCHIE_HYD 23849	52.16 1.80 -0.56	52.26 1.43 -0.32	51.37 1.08 -0.31	44.40 0.79 -0.05	40.74 0.50 0.00	39.34 0.55 0.00	40.45 0.55 0.00	44.61 0.64 -0.06	52.53 0.82 -0.34	49.38 0.91 -0.09	51.93 1.11 -0.09	47.86 0.85 0.00	53.62 0.93 -0.07	64.22 1.17 -0.17	66.81 1.08 -0.13	58.42 0.78 0.00	52.55 0.81 0.00	67.51 0.63 -0.09	84.76 2.37 -1.32	69.68 2.52 -0.56	80.64 3.52 -0.20	67.38 2.87 -0.12	59.87 2.17 -0.13	53.72 1.56 -0.06
MID___RAQUETTE_HYD 23851	50.95 1.14 0.00	51.16 0.66 0.00	50.35 0.38 0.00	43.70 0.14 0.00	40.18 -0.06 0.00	38.72 -0.07 0.00	39.85 -0.06 0.00	44.11 0.20 0.00	51.81 0.43 0.00	48.99 0.60 0.00	51.54 0.80 0.00	47.62 0.61 0.00	53.26 0.64 0.00	63.49 0.61 0.00	66.07 0.46 0.00	57.73 0.09 0.00	51.56 -0.18 0.00	65.09 -1.69 0.00	80.86 -0.21 0.00	67.09 0.50 0.00	78.27 1.36 0.00	66.02 1.63 0.00	58.86 1.29 0.00	53.25 1.16 0.00
MILLIKEN___1 23584	51.40 1.18 -0.42	51.95 1.20 -0.24	51.21 1.00 -0.23	44.43 0.83 -0.04	41.08 0.84 0.00	39.55 0.77 0.00	40.66 0.76 0.00	44.56 0.61 -0.05	52.48 0.84 -0.25	49.27 0.81 -0.07	51.88 1.08 -0.07	47.84 0.83 0.00	53.75 1.08 -0.05	64.27 1.25 -0.13	67.12 1.42 -0.10	59.02 1.38 0.00	53.17 1.43 0.00	69.43 2.58 -0.07	85.49 3.43 -1.00	70.06 3.04 -0.42	80.59 3.51 -0.15	67.30 2.82 -0.09	59.89 2.22 -0.10	53.88 1.75 -0.05
MILLIKEN___2 23585	51.40 1.18 -0.42	51.95 1.20 -0.24	51.21 1.00 -0.23	44.43 0.83 -0.04	41.08 0.84 0.00	39.55 0.77 0.00	40.66 0.76 0.00	44.56 0.61 -0.05	52.48 0.84 -0.25	49.27 0.81 -0.07	51.88 1.08 -0.07	47.84 0.83 0.00	53.75 1.08 -0.05	64.27 1.25 -0.13	67.12 1.42 -0.10	59.02 1.38 0.00	53.17 1.43 0.00	69.43 2.58 -0.07	85.49 3.43 -1.00	70.06 3.04 -0.42	80.59 3.51 -0.15	67.30 2.82 -0.09	59.89 2.22 -0.10	53.88 1.75 -0.05
MILLIKEN___DIESEL 23629	51.40 1.18 -0.42	51.95 1.20 -0.24	51.21 1.00 -0.23	44.43 0.83 -0.04	41.08 0.84 0.00	39.55 0.77 0.00	40.66 0.76 0.00	44.56 0.61 -0.05	52.48 0.84 -0.25	49.27 0.81 -0.07	51.88 1.08 -0.07	47.84 0.83 0.00	53.75 1.08 -0.05	64.27 1.25 -0.13	67.12 1.42 -0.10	59.02 1.38 0.00	53.17 1.43 0.00	69.43 2.58 -0.07	85.49 3.43 -1.00	70.06 3.04 -0.42	80.59 3.51 -0.15	67.30 2.82 -0.09	59.89 2.22 -0.10	53.88 1.75 -0.05
MILLSEAT___LFGE 323607	51.54 1.74 0.00	51.85 1.35 0.00	50.78 0.80 0.00	43.83 0.26 0.00	40.44 0.20 0.00	38.96 0.17 0.00	39.94 0.04 0.00	43.47 -0.44 0.00	51.57 0.19 0.00	49.26 0.87 0.00	52.46 1.72 0.00	48.54 1.53 0.00	55.07 2.45 0.00	65.67 2.79 0.00	68.13 2.52 0.00	59.46 1.82 0.00	53.71 1.97 0.00	70.34 3.56 0.00	85.91 4.84 0.00	70.04 3.44 0.00	80.82 3.90 0.00	68.24 3.86 0.00	61.04 3.47 0.00	55.00 2.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.13 1.33 0.00	52.26 1.75 0.00	51.87 1.89 0.00	45.37 1.81 0.00	42.07 1.83 0.00	40.57 1.79 0.00	41.78 1.87 0.00	45.67 1.76 0.00	53.06 1.68 0.00	49.97 1.59 0.00	54.01 1.47 -1.80	65.60 1.58 -17.00	76.59 1.69 -22.28	66.06 2.08 -1.10	67.96 2.36 0.00	60.14 2.50 0.00	54.51 2.76 0.00	70.66 3.88 0.00	84.86 3.79 0.00	68.96 2.36 0.00	79.03 2.11 0.00	65.70 1.31 0.00	58.87 1.30 0.00	53.46 1.37 0.00
MILLWOOD_13_KV_LOAD 356217	51.23 1.43 0.00	52.35 1.85 0.00	51.96 1.98 0.00	45.45 1.89 0.00	42.14 1.90 0.00	40.63 1.84 0.00	41.85 1.95 0.00	45.76 1.85 0.00	53.16 1.78 0.00	50.08 1.69 0.00	54.15 1.62 -1.80	65.72 1.70 -17.00	76.73 1.83 -22.28	66.21 2.23 -1.10	68.13 2.52 0.00	60.30 2.66 0.00	54.64 2.90 0.00	70.86 4.08 0.00	85.10 4.03 0.00	69.14 2.54 0.00	79.20 2.28 0.00	65.87 1.48 0.00	59.02 1.45 0.00	53.57 1.48 0.00
MODEL_CITY_ENERGY 24167	50.16 0.35 0.00	50.50 0.00 0.00	49.47 -0.51 0.00	42.68 -0.88 0.00	39.38 -0.86 0.00	37.91 -0.87 0.00	38.84 -1.07 0.00	42.19 -1.72 0.00	50.09 -1.29 0.00	48.04 -0.35 0.00	51.46 0.72 0.00	47.56 0.55 0.00	53.92 1.31 0.00	64.01 1.13 0.00	66.28 0.67 0.00	57.70 0.05 0.00	51.97 0.23 0.00	67.92 1.14 0.00	82.52 1.46 0.00	67.31 0.71 0.00	77.56 0.65 0.00	65.64 1.25 0.00	58.91 1.34 0.00	53.24 1.15 0.00
MODERN_LFGE___ 323580	50.16 0.35 0.00	50.50 0.00 0.00	49.47 -0.51 0.00	42.68 -0.88 0.00	39.38 -0.86 0.00	37.91 -0.87 0.00	38.84 -1.07 0.00	42.19 -1.72 0.00	50.09 -1.29 0.00	48.04 -0.35 0.00	51.46 0.72 0.00	47.56 0.55 0.00	53.92 1.31 0.00	64.01 1.13 0.00	66.28 0.67 0.00	57.70 0.05 0.00	51.97 0.23 0.00	67.92 1.14 0.00	82.52 1.46 0.00	67.31 0.71 0.00	77.56 0.65 0.00	65.64 1.25 0.00	58.91 1.34 0.00	53.24 1.15 0.00
MOHAWK_PAPER___DRP 24187	50.56 0.76 0.00	51.58 1.07 0.00	51.28 1.30 0.00	44.83 1.27 0.00	41.49 1.24 0.00	40.07 1.29 0.00	41.18 1.28 0.00	45.05 1.14 0.00	52.54 1.17 0.00	49.33 0.94 0.00	49.78 0.63 1.58	32.58 0.53 14.96	33.31 0.30 19.61	62.29 0.38 0.97	66.27 0.66 0.00	58.52 0.88 0.00	52.89 1.15 0.00	68.83 2.04 0.00	83.12 2.05 0.00	67.81 1.21 0.00	78.05 1.14 0.00	64.74 0.35 0.00	57.96 0.39 0.00	52.48 0.38 0.00
MOHICAN___35_KV_115KV_LD 80490	52.49 2.69 0.00	53.50 3.00 0.00	53.05 3.07 0.00	46.23 2.66 0.00	42.82 2.58 0.00	41.33 2.55 0.00	42.36 2.46 0.00	46.25 2.35 0.00	54.04 2.66 0.00	50.68 2.29 0.00	50.86 1.74 1.62	33.13 1.37 15.25	34.15 1.52 19.99	64.01 2.12 0.99	68.18 2.58 0.00	60.10 2.46 0.00	54.76 3.02 0.00	72.13 5.35 0.00	87.27 6.21 0.00	71.16 4.57 0.00	82.15 5.23 0.00	67.76 3.37 0.00	60.56 2.99 0.00	54.67 2.58 0.00
MONGAUP___HYD 23641	51.75 1.94 0.00	52.72 2.21 0.00	52.27 2.29 0.00	45.64 2.08 0.00	42.27 2.02 0.00	40.76 1.98 0.00	41.97 2.07 0.00	45.90 1.99 0.00	53.28 1.91 0.00	50.08 1.69 0.00	53.72 1.48 -1.51	62.74 1.50 -14.23	72.91 1.65 -18.65	65.70 1.90 -0.92	67.72 2.12 0.00	60.62 2.98 0.00	54.56 2.82 0.00	70.71 3.93 0.00	85.51 4.44 0.00	69.74 3.15 0.00	80.26 3.34 0.00	67.12 2.73 0.00	59.95 2.38 0.00	54.22 2.13 0.00
MONTAUK___DIESEL 23721	41.72 3.02 11.10	54.72 4.22 0.00	54.47 4.49 0.00	47.63 4.06 0.00	44.07 3.83 0.00	42.39 3.61 0.00	43.90 4.00 0.00	48.12 4.21 0.00	55.77 4.39 0.00	52.55 4.16 0.00	57.77 5.21 -1.82	69.01 4.84 -17.16	79.15 4.26 -22.28	67.87 4.41 -0.59	67.79 4.84 2.65	31.63 4.61 30.63	34.24 4.84 22.34	30.52 6.83 43.08	35.56 7.80 53.30	31.10 5.66 41.15	36.96 5.58 45.54	33.00 3.99 35.38	33.95 3.60 27.23	55.95 3.86 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	52.19 2.39 0.00	51.85 1.35 0.00	50.46 0.49 0.00	43.95 0.39 0.00	40.98 0.73 0.00	39.68 0.90 0.00	40.52 0.62 0.00	43.78 -0.13 0.00	52.00 0.62 0.00	50.25 3.15 0.00	53.88 2.71 0.00	49.73 3.22 0.00	55.84 3.46 0.00	66.33 3.03 0.00	68.63 3.03 0.00	59.86 2.22 0.00	54.42 2.68 0.00	71.64 4.86 0.00	87.13 6.06 0.00	71.27 4.67 0.00	81.88 4.97 0.00	69.09 4.70 0.00	61.55 3.98 0.00	55.00 2.91 0.00

MORRIS_RIDGE___SOLAR 323848	50.55 0.75 0.00	50.89 0.38 0.00	49.84 -0.13 0.00	43.09 -0.48 0.00	39.81 -0.43 0.00	38.29 -0.49 0.00	39.35 -0.56 0.00	43.02 -0.89 0.00	50.94 -0.43 0.00	48.47 0.08 0.00	51.12 0.38 0.00	47.16 0.15 0.00	53.19 0.57 0.00	63.27 0.39 0.00	65.92 0.32 0.00	57.58 -0.06 0.00	51.95 0.21 0.00	68.09 1.31 0.00	83.38 2.32 0.00	68.75 2.15 0.00	79.41 2.49 0.00	66.36 1.98 0.00	58.91 1.34 0.00	52.97 0.88 0.00
MORTIMER_115KV_TB3 55949	50.95 1.15 0.00	51.44 0.94 0.00	50.54 0.57 0.00	43.78 0.22 0.00	40.40 0.16 0.00	38.91 0.12 0.00	39.97 0.07 0.00	43.67 -0.24 0.00	51.59 0.21 0.00	49.13 0.74 0.00	52.12 1.38 0.00	48.35 1.34 0.00	54.65 2.03 0.00	65.30 2.42 0.00	68.10 2.50 0.00	59.63 1.99 0.00	53.79 2.05 0.00	70.24 3.46 0.00	85.43 4.36 0.00	69.81 3.22 0.00	80.26 3.34 0.00	67.40 3.02 0.00	60.18 2.61 0.00	54.27 2.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.38 1.58 0.00	52.54 2.03 0.00	52.15 2.17 0.00	45.64 2.07 0.00	42.33 2.09 0.00	40.82 2.03 0.00	42.05 2.15 0.00	45.98 2.07 0.00	53.37 1.99 0.00	50.31 1.92 0.00	54.32 1.77 -1.82	66.02 1.86 -17.16	77.05 1.95 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.42 2.78 0.00	54.78 3.04 0.00	70.96 4.18 0.00	85.18 4.12 0.00	69.16 2.57 0.00	79.20 2.28 0.00	65.86 1.48 0.00	59.07 1.50 0.00	53.69 1.59 0.00
MUNSVILLE_WIND_PWR 323609	53.48 3.67 0.00	53.99 3.48 0.00	53.41 3.43 0.00	46.49 2.92 0.00	42.89 2.65 0.00	41.41 2.62 0.00	42.58 2.68 0.00	46.73 2.82 0.00	54.87 3.50 0.00	51.91 3.52 0.00	54.95 4.21 0.00	50.70 3.68 0.00	56.97 4.35 0.00	68.14 5.26 0.00	71.49 5.88 0.00	62.62 4.98 0.00	55.86 4.12 0.00	73.18 6.40 0.00	88.94 7.87 0.00	73.46 6.87 0.00	84.53 7.61 0.00	70.25 5.87 0.00	62.03 4.46 0.00	55.55 3.46 0.00
N SALMON___HYD 24042	50.86 1.05 0.00	51.22 0.71 0.00	50.41 0.43 0.00	43.78 0.21 0.00	40.29 0.04 0.00	38.80 0.02 0.00	39.94 0.04 0.00	44.25 0.35 0.00	51.96 0.58 0.00	49.10 0.71 0.00	51.62 0.89 0.00	47.80 0.79 0.00	53.42 0.80 0.00	63.77 0.89 0.00	66.38 0.78 0.00	57.97 0.33 0.00	51.64 -0.10 0.00	65.90 -0.88 0.00	81.17 0.11 0.00	67.00 0.41 0.00	77.98 1.06 0.00	65.72 1.34 0.00	58.58 1.01 0.00	52.92 0.82 0.00
N.AKRON__115KV_KNAPP 355671	51.23 1.43 0.00	51.55 1.05 0.00	50.48 0.51 0.00	43.57 0.01 0.00	40.20 -0.04 0.00	38.73 -0.06 0.00	39.69 -0.21 0.00	43.18 -0.73 0.00	51.22 -0.15 0.00	49.01 0.62 0.00	52.35 1.61 0.00	48.41 1.40 0.00	54.93 2.31 0.00	65.39 2.51 0.00	67.81 2.20 0.00	59.15 1.51 0.00	53.36 1.62 0.00	69.84 3.06 0.00	85.12 4.05 0.00	69.45 2.86 0.00	80.09 3.18 0.00	67.67 3.29 0.00	60.59 3.02 0.00	54.63 2.54 0.00
N.E_GEN_SANDY PD 24062	51.44 0.47 -1.17	51.45 0.94 0.00	51.19 1.21 0.00	44.79 1.23 0.00	41.51 1.27 0.00	40.13 1.35 0.00	41.05 1.30 0.15	45.01 1.10 0.00	52.52 1.02 -0.12	49.23 0.84 0.00	37.18 0.44 13.99	-63.57 0.42 111.00	-93.78 0.29 146.69	56.01 0.36 7.22	66.13 0.52 0.00	58.12 0.79 0.32	53.01 1.27 0.00	68.75 1.97 0.00	82.87 1.80 0.00	67.55 0.95 0.00	78.33 0.84 -0.57	62.82 -0.01 1.56	57.69 0.12 0.00	52.35 0.26 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.25 1.45 0.00	52.32 1.82 0.00	51.90 1.92 0.00	45.38 1.81 0.00	42.09 1.85 0.00	40.56 1.78 0.00	41.77 1.87 0.00	45.65 1.74 0.00	53.07 1.70 0.00	50.03 1.64 0.00	53.99 1.56 -1.70	64.75 1.70 -16.04	75.54 1.91 -21.02	66.29 2.38 -1.04	68.27 2.67 0.00	60.46 2.82 0.00	54.77 3.03 0.00	71.01 4.22 0.00	85.26 4.19 0.00	69.23 2.64 0.00	79.28 2.37 0.00	65.96 1.58 0.00	59.10 1.53 0.00	53.63 1.53 0.00
N.QUEENS_27_KV_LOAD 356247	51.59 1.79 0.00	52.71 2.20 0.00	52.32 2.34 0.00	45.81 2.24 0.00	42.52 2.28 0.00	40.99 2.21 0.00	42.26 2.36 0.00	46.10 2.19 0.00	53.45 2.08 0.00	50.42 2.03 0.00	54.36 1.81 -1.82	66.04 1.87 -17.16	77.20 2.02 -22.56	66.48 2.49 -1.11	68.38 2.78 0.00	60.59 2.92 -0.03	55.41 3.19 -0.48	71.90 4.30 -0.81	86.29 4.24 -0.98	69.21 2.61 0.00	79.20 2.28 0.00	65.89 1.50 0.00	59.22 1.65 0.00	53.97 1.88 0.00
N.TROY___115KV_TB1 355778	50.76 0.96 0.00	51.82 1.32 0.00	51.52 1.55 0.00	45.04 1.48 0.00	41.69 1.45 0.00	40.29 1.51 0.00	41.38 1.47 0.00	45.25 1.35 0.00	52.78 1.41 0.00	49.53 1.14 0.00	49.34 0.74 2.13	27.50 0.59 20.10	26.76 0.49 26.34	62.22 0.63 1.30	66.46 0.86 0.00	58.65 1.01 0.00	53.12 1.38 0.00	69.11 2.33 0.00	83.51 2.45 0.00	68.17 1.58 0.00	78.61 1.69 0.00	65.13 0.74 0.00	58.33 0.77 0.00	52.83 0.73 0.00
NARROWS_GT1_1 24228	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT1_2 24229	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT1_3 24230	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT1_4 24231	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT1_5 24232	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00

NARROWS_GT1_6 24233	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT1_7 24234	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT1_8 24235	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_1 24236	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_2 24237	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_3 24238	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_4 24239	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_5 24240	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_6 24241	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_7 24242	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NARROWS_GT2_8 24243	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.36 2.37 -1.11	68.27 2.67 0.00	60.47 2.83 0.00	54.88 3.14 0.00	71.02 4.24 0.00	85.20 4.13 0.00	69.14 2.54 0.00	79.11 2.19 0.00	65.84 1.46 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.04 1.24 0.00	51.96 1.45 0.00	51.63 1.65 0.00	45.12 1.55 0.00	41.76 1.52 0.00	40.33 1.54 0.00	41.49 1.59 0.00	45.44 1.53 0.00	52.98 1.60 0.00	49.70 1.31 0.00	51.06 0.92 0.60	42.13 0.77 5.65	45.82 0.61 7.40	63.33 0.82 0.36	66.99 1.39 0.00	58.70 1.06 0.00	52.87 1.13 0.00	69.40 2.62 0.00	84.35 3.28 0.00	68.81 2.21 0.00	79.11 2.19 0.00	65.64 1.25 0.00	58.63 1.06 0.00	52.95 0.85 0.00
NCHELSEA_115KV_TR2 355582	51.67 1.86 0.00	52.73 2.23 0.00	52.32 2.34 0.00	45.73 2.17 0.00	42.38 2.13 0.00	40.87 2.09 0.00	42.07 2.17 0.00	46.02 2.11 0.00	53.55 2.18 0.00	50.42 2.03 0.00	54.14 1.97 -1.44	62.66 2.05 -13.60	72.75 2.32 -17.82	66.66 2.91 -0.88	68.84 3.24 0.00	60.88 3.24 0.00	55.23 3.49 0.00	71.71 4.93 0.00	86.16 5.09 0.00	70.04 3.44 0.00	80.27 3.36 0.00	66.68 2.29 0.00	59.65 2.08 0.00	54.04 1.95 0.00
NEG CAPITAL____MECHNVIL 23645	51.95 2.15 0.00	52.95 2.45 0.00	52.57 2.59 0.00	45.87 2.31 0.00	42.45 2.21 0.00	41.00 2.22 0.00	42.10 2.20 0.00	46.05 2.14 0.00	53.81 2.43 0.00	50.50 2.11 0.00	50.68 1.77 1.82	31.27 1.47 17.21	31.66 1.61 22.56	63.84 2.08 1.11	68.11 2.50 0.00	60.12 2.48 0.00	54.46 2.72 0.00	71.15 4.36 0.00	86.07 5.00 0.00	70.17 3.58 0.00	80.90 3.99 0.00	67.02 2.63 0.00	59.94 2.37 0.00	54.19 2.10 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.48 0.27 -0.41	50.79 0.04 -0.24	49.94 -0.27 -0.23	43.14 -0.46 -0.04	39.79 -0.45 0.00	38.31 -0.47 0.00	39.38 -0.52 0.00	43.14 -0.82 -0.04	51.10 -0.53 -0.25	48.42 -0.04 -0.07	51.28 0.48 -0.07	47.54 0.53 0.00	53.68 1.01 -0.05	64.21 1.20 -0.13	67.00 1.30 -0.09	58.69 1.04 0.00	52.98 1.24 0.00	69.24 2.39 -0.07	85.16 3.12 -0.98	69.20 2.19 -0.41	79.27 2.20 -0.15	66.40 1.92 -0.09	59.21 1.55 -0.09	53.33 1.19 -0.04

NEG CENTRAL___DRP 24199	51.58 0.84 -0.94	51.80 0.75 -0.54	50.94 0.44 -0.52	43.99 0.34 -0.09	40.64 0.40 0.00	39.11 0.33 0.00	40.23 0.33 0.00	44.19 0.18 -0.10	52.28 0.34 -0.56	49.15 0.61 -0.14	51.77 0.89 -0.15	47.83 0.81 0.00	53.81 1.07 -0.12	64.36 1.19 -0.29	67.18 1.36 -0.21	58.92 1.28 0.00	53.26 1.52 0.00	69.69 2.75 -0.16	86.86 3.57 -2.22	70.56 3.03 -0.94	80.55 3.29 -0.34	67.17 2.58 -0.21	59.80 2.01 -0.22	53.72 1.53 -0.10
NEG CENTRAL___INDECK 23768	52.92 3.12 0.00	53.21 2.71 0.00	52.14 2.17 0.00	45.09 1.53 0.00	41.64 1.40 0.00	40.05 1.27 0.00	41.23 1.33 0.00	45.16 1.25 0.00	53.36 1.98 0.00	50.59 2.20 0.00	52.96 2.22 0.00	48.71 1.70 0.00	54.21 1.59 0.00	64.23 1.35 0.00	67.15 1.55 0.00	58.81 1.17 0.00	53.36 1.62 0.00	69.65 2.87 0.00	85.38 4.31 0.00	70.85 4.26 0.00	81.60 4.69 0.00	68.50 4.11 0.00	60.90 3.33 0.00	55.97 3.87 0.00
NEG CENTRAL___SENECA 23627	51.50 1.14 -0.56	51.84 1.02 -0.32	50.95 0.67 -0.31	44.16 0.54 -0.05	40.84 0.60 0.00	39.28 0.50 0.00	40.41 0.50 0.00	44.37 0.39 -0.06	52.28 0.57 -0.34	49.40 0.92 -0.09	52.08 1.26 -0.09	48.17 1.15 0.00	54.11 1.42 -0.07	64.61 1.55 -0.17	67.49 1.76 -0.13	59.25 1.61 0.00	53.63 1.90 0.00	70.27 3.40 -0.09	86.79 4.41 -1.32	70.87 3.72 -0.56	81.19 4.07 -0.20	67.72 3.21 -0.12	60.21 2.52 -0.13	54.08 1.92 -0.06
NEG CENTRAL___STATE_STREET 24147	51.71 0.76 -1.15	51.94 0.78 -0.66	51.01 0.40 -0.64	44.07 0.40 -0.10	40.69 0.45 0.00	39.18 0.39 0.00	40.27 0.37 0.00	44.13 0.09 -0.13	52.47 0.40 -0.69	49.07 0.50 -0.18	51.61 0.69 -0.18	47.61 0.60 0.00	53.61 0.85 -0.15	64.17 0.93 -0.36	66.94 1.08 -0.26	58.66 1.02 0.00	52.92 1.18 0.00	68.99 2.02 -0.19	86.58 2.80 -2.72	70.25 2.50 -1.15	80.18 2.84 -0.42	66.93 2.29 -0.25	59.64 1.80 -0.26	53.59 1.37 -0.12
NEG MILLWOOD___DRP 24198	51.74 1.93 0.00	52.81 2.31 0.00	52.41 2.43 0.00	45.81 2.24 0.00	42.45 2.21 0.00	40.94 2.16 0.00	42.14 2.24 0.00	46.12 2.21 0.00	53.66 2.28 0.00	50.55 2.16 0.00	54.46 2.12 -1.60	64.36 2.20 -15.15	74.91 2.43 -19.86	66.90 3.04 -0.98	69.03 3.43 0.00	61.08 3.43 0.00	55.37 3.63 0.00	71.89 5.11 0.00	86.33 5.26 0.00	70.15 3.55 0.00	80.35 3.44 0.00	66.74 2.35 0.00	59.72 2.15 0.00	54.12 2.02 0.00
NEG NORTH_FLCN_SEA 23793	49.73 -0.07 0.00	50.44 -0.07 0.00	49.70 -0.27 0.00	43.18 -0.38 0.00	39.77 -0.47 0.00	38.31 -0.47 0.00	39.42 -0.49 0.00	43.69 -0.22 0.00	51.28 -0.09 0.00	48.40 0.01 0.00	50.53 -0.20 0.00	46.77 -0.24 0.00	52.27 -0.34 0.00	62.42 -0.46 0.00	64.96 -0.65 0.00	56.71 -0.93 0.00	50.47 -1.27 0.00	64.47 -2.31 0.00	79.07 -1.99 0.00	65.10 -1.50 0.00	75.70 -1.22 0.00	63.67 -0.72 0.00	56.86 -0.71 0.00	51.46 -0.63 0.00
NEG NORTH_KES_CHATEGAY 23792	50.09 0.29 0.00	50.57 0.06 0.00	49.82 -0.16 0.00	43.28 -0.28 0.00	39.85 -0.39 0.00	38.39 -0.39 0.00	39.49 -0.41 0.00	43.74 -0.17 0.00	51.34 -0.04 0.00	48.50 0.11 0.00	50.87 0.14 0.00	47.08 0.07 0.00	52.63 0.02 0.00	62.84 -0.04 0.00	65.36 -0.25 0.00	57.07 -0.57 0.00	50.75 -0.99 0.00	64.79 -2.00 0.00	79.40 -1.67 0.00	65.46 -1.14 0.00	76.24 -0.67 0.00	64.24 -0.15 0.00	57.35 -0.22 0.00	51.87 -0.22 0.00
NEG NORTH___ALICE_FALLS 23915	50.24 0.44 0.00	50.84 0.33 0.00	50.06 0.08 0.00	43.49 -0.08 0.00	40.05 -0.19 0.00	38.56 -0.22 0.00	39.66 -0.24 0.00	43.95 0.04 0.00	51.54 0.16 0.00	48.66 0.27 0.00	50.94 0.20 0.00	47.15 0.14 0.00	52.72 0.11 0.00	62.95 0.07 0.00	65.54 -0.07 0.00	57.20 -0.44 0.00	50.94 -0.80 0.00	65.13 -1.65 0.00	80.00 -1.07 0.00	65.94 -0.65 0.00	76.70 -0.22 0.00	64.55 0.17 0.00	57.58 0.01 0.00	52.09 -0.01 0.00
NEG NORTH___LWR_SARANAC 23913	50.24 0.44 0.00	50.84 0.33 0.00	50.06 0.08 0.00	43.49 -0.08 0.00	40.05 -0.19 0.00	38.56 -0.22 0.00	39.66 -0.24 0.00	43.95 0.04 0.00	51.54 0.16 0.00	48.66 0.27 0.00	50.94 0.20 0.00	47.15 0.14 0.00	52.72 0.11 0.00	62.95 0.07 0.00	65.54 -0.07 0.00	57.20 -0.44 0.00	50.94 -0.80 0.00	65.13 -1.65 0.00	80.00 -1.07 0.00	65.94 -0.65 0.00	76.70 -0.22 0.00	64.55 0.17 0.00	57.58 0.01 0.00	52.09 -0.01 0.00
NEG NORTH___PLATTSBURG 23628	50.24 0.44 0.00	50.84 0.33 0.00	50.06 0.09 0.00	43.49 -0.08 0.00	40.05 -0.19 0.00	38.56 -0.22 0.00	39.66 -0.24 0.00	43.95 0.04 0.00	51.54 0.16 0.00	48.66 0.27 0.00	50.94 0.20 0.00	47.15 0.14 0.00	52.72 0.11 0.00	62.95 0.07 0.00	65.54 -0.07 0.00	57.20 -0.44 0.00	50.93 -0.81 0.00	65.13 -1.65 0.00	80.00 -1.07 0.00	65.94 -0.65 0.00	76.70 -0.22 0.00	64.55 0.17 0.00	57.58 0.01 0.00	52.09 -0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	50.20 0.39 0.00	50.54 0.03 0.00	49.50 -0.47 0.00	42.73 -0.84 0.00	39.41 -0.83 0.00	37.96 -0.83 0.00	38.89 -1.02 0.00	42.25 -1.65 0.00	50.15 -1.23 0.00	48.10 -0.29 0.00	51.54 0.81 0.00	47.64 0.62 0.00	54.02 1.40 0.00	64.12 1.24 0.00	66.42 0.82 0.00	57.82 0.18 0.00	52.06 0.32 0.00	68.05 1.27 0.00	82.79 1.73 0.00	67.61 1.02 0.00	77.94 1.02 0.00	65.95 1.56 0.00	59.16 1.59 0.00	53.45 1.35 0.00
NEG WEST___LANCASTR 23811	50.37 0.57 0.00	50.85 0.34 0.00	49.82 -0.16 0.00	43.07 -0.49 0.00	39.80 -0.44 0.00	38.31 -0.47 0.00	39.37 -0.53 0.00	42.78 -1.13 0.00	50.70 -0.68 0.00	48.61 0.22 0.00	52.03 1.29 0.00	48.16 1.15 0.00	54.42 1.80 0.00	64.74 1.86 0.00	67.24 1.64 0.00	58.64 0.99 0.00	52.86 1.12 0.00	69.16 2.38 0.00	83.89 2.82 0.00	68.56 1.97 0.00	78.98 2.06 0.00	66.58 2.20 0.00	59.57 2.00 0.00	53.70 1.61 0.00
NEG_PENN_ALLEGHNY 23528	50.31 0.51 0.00	51.20 0.69 0.00	50.54 0.56 0.00	44.02 0.45 0.00	40.78 0.54 0.00	39.25 0.47 0.00	40.36 0.45 0.00	44.23 0.32 0.00	51.78 0.40 0.00	48.80 0.41 0.00	51.49 0.76 0.00	47.74 0.72 0.00	53.70 1.09 0.00	64.13 1.25 0.00	66.94 1.34 0.00	58.87 1.23 0.00	53.05 1.31 0.00	69.14 2.36 0.00	83.66 2.60 0.00	68.58 1.98 0.00	78.97 2.05 0.00	65.87 1.48 0.00	58.70 1.13 0.00	52.91 0.82 0.00
NEG___GEN_MONROE 24207	51.44 1.63 0.00	51.88 1.37 0.00	50.91 0.94 0.00	44.07 0.50 0.00	40.67 0.43 0.00	39.17 0.38 0.00	40.24 0.33 0.00	43.93 0.02 0.00	51.91 0.54 0.00	49.49 1.10 0.00	52.49 1.75 0.00	48.62 1.61 0.00	55.00 2.38 0.00	65.73 2.85 0.00	68.54 2.94 0.00	60.03 2.39 0.00	54.20 2.46 0.00	70.85 4.07 0.00	86.32 5.25 0.00	138.74 3.99 -68.15	81.13 4.21 0.00	68.21 3.82 0.00	60.87 3.30 0.00	54.89 2.79 0.00
NEPA___ENERGY 23901	49.54 -0.27 0.00	50.21 -0.29 0.00	49.29 -0.68 0.00	42.75 -0.82 0.00	39.59 -0.65 0.00	38.08 -0.70 0.00	39.19 -0.71 0.00	42.58 -1.33 0.00	50.19 -1.19 0.00	47.93 -0.46 0.00	51.06 0.32 0.00	47.32 0.31 0.00	53.33 0.72 0.00	63.44 0.56 0.00	65.90 0.30 0.00	57.59 -0.05 0.00	51.84 0.10 0.00	67.83 1.05 0.00	81.91 0.84 0.00	66.90 0.31 0.00	77.13 0.22 0.00	64.98 0.58 0.00	58.15 0.58 0.00	52.51 0.42 0.00

NEVERSINK___HYD 23608	50.51 0.70 0.00	51.46 0.96 0.00	51.01 1.03 0.00	44.56 1.00 0.00	41.28 1.04 0.00	39.80 1.01 0.00	40.97 1.07 0.00	44.84 0.93 0.00	52.19 0.81 0.00	49.12 0.73 0.00	52.47 0.59 -1.14	58.63 0.86 -10.76	67.75 1.03 -14.11	64.99 1.42 -0.70	67.08 1.48 0.00	59.45 1.80 0.00	53.92 2.18 0.00	70.00 3.22 0.00	84.25 3.18 0.00	68.59 1.99 0.00	78.69 1.77 0.00	65.42 1.03 0.00	58.50 0.93 0.00	52.99 0.89 0.00
NEWKRMKL_115KV_TB1 55635	50.05 0.24 0.00	51.07 0.56 0.00	50.77 0.79 0.00	44.40 0.84 0.00	41.09 0.85 0.00	39.70 0.91 0.00	40.80 0.90 0.00	44.65 0.74 0.00	52.06 0.68 0.00	48.85 0.47 0.00	49.50 0.17 1.41	33.85 0.12 13.29	34.88 -0.32 17.41	61.58 -0.44 0.86	65.40 -0.20 0.00	57.67 0.03 0.00	52.14 0.40 0.00	67.77 0.99 0.00	81.83 0.76 0.00	66.78 0.18 0.00	76.83 -0.08 0.00	63.77 -0.62 0.00	57.09 -0.48 0.00	51.70 -0.39 0.00
NEWTON___FALLS_HYD 23847	52.16 1.80 -0.56	52.26 1.43 -0.32	51.37 1.08 -0.31	44.40 0.79 -0.05	40.74 0.50 0.00	39.34 0.55 0.00	40.45 0.55 0.00	44.61 0.64 -0.06	52.53 0.82 -0.34	49.38 0.91 -0.09	51.93 1.11 -0.09	47.86 0.85 0.00	53.62 0.93 -0.07	64.22 1.17 -0.17	66.81 1.08 -0.13	58.42 0.78 0.00	52.55 0.81 0.00	67.51 0.63 -0.09	84.76 2.37 -1.32	69.68 2.52 -0.56	80.64 3.52 -0.20	67.38 2.87 -0.12	59.87 2.17 -0.13	53.72 1.56 -0.06
NGRID_A1_DSASP 323792	49.72 -0.08 0.00	50.21 -0.29 0.00	49.23 -0.75 0.00	42.51 -1.05 0.00	39.19 -1.05 0.00	37.72 -1.07 0.00	38.66 -1.25 0.00	41.98 -1.93 0.00	49.84 -1.54 0.00	47.84 -0.55 0.00	51.28 0.54 0.00	47.40 0.39 0.00	53.67 1.06 0.00	63.72 0.83 0.00	65.93 0.33 0.00	57.33 -0.31 0.00	51.60 -0.14 0.00	67.53 0.75 0.00	82.22 1.15 0.00	66.99 0.39 0.00	77.20 0.28 0.00	65.32 0.93 0.00	58.67 1.11 0.00	53.10 1.01 0.00
NGRID_A2_DSASP 323793	49.72 -0.08 0.00	50.21 -0.29 0.00	49.23 -0.75 0.00	42.51 -1.05 0.00	39.19 -1.05 0.00	37.72 -1.07 0.00	38.66 -1.25 0.00	41.98 -1.93 0.00	49.84 -1.54 0.00	47.84 -0.55 0.00	51.28 0.54 0.00	47.40 0.39 0.00	53.67 1.06 0.00	63.72 0.83 0.00	65.93 0.33 0.00	57.33 -0.31 0.00	51.60 -0.14 0.00	67.53 0.75 0.00	82.22 1.15 0.00	66.99 0.39 0.00	77.20 0.28 0.00	65.32 0.93 0.00	58.67 1.11 0.00	53.10 1.01 0.00
NGRID_A4_DSASP 323807	49.72 -0.08 0.00	50.21 -0.29 0.00	49.23 -0.75 0.00	42.51 -1.05 0.00	39.19 -1.05 0.00	37.72 -1.07 0.00	38.66 -1.25 0.00	41.98 -1.93 0.00	49.84 -1.54 0.00	47.84 -0.55 0.00	51.28 0.54 0.00	47.40 0.39 0.00	53.67 1.06 0.00	63.72 0.83 0.00	65.93 0.33 0.00	57.33 -0.31 0.00	51.60 -0.14 0.00	67.53 0.75 0.00	82.22 1.15 0.00	66.99 0.39 0.00	77.20 0.28 0.00	65.32 0.93 0.00	58.67 1.11 0.00	53.10 1.01 0.00
NIAGARA_115E_LBMP 323715	50.01 0.21 0.00	50.37 -0.13 0.00	49.33 -0.64 0.00	42.57 -0.99 0.00	39.27 -0.97 0.00	37.81 -0.97 0.00	38.72 -1.18 0.00	42.06 -1.85 0.00	49.93 -1.45 0.00	47.89 -0.50 0.00	51.31 0.58 0.00	47.42 0.41 0.00	53.76 1.14 0.00	63.79 0.91 0.00	66.07 0.46 0.00	57.48 -0.16 0.00	51.76 0.02 0.00	67.60 0.82 0.00	82.09 1.02 0.00	66.95 0.35 0.00	77.14 0.22 0.00	65.31 0.92 0.00	58.63 1.06 0.00	53.03 0.94 0.00
NIAGARA_115W_LBMP 323714	49.62 -0.18 0.00	50.11 -0.40 0.00	49.13 -0.85 0.00	42.42 -1.14 0.00	39.11 -1.13 0.00	37.63 -1.15 0.00	38.58 -1.32 0.00	41.89 -2.02 0.00	49.73 -1.65 0.00	47.73 -0.65 0.00	51.16 0.43 0.00	47.28 0.27 0.00	53.53 0.92 0.00	63.57 0.68 0.00	65.77 0.16 0.00	57.19 -0.45 0.00	51.49 -0.25 0.00	67.36 0.58 0.00	82.02 0.95 0.00	66.84 0.24 0.00	77.00 0.08 0.00	65.17 0.78 0.00	58.53 0.97 0.00	52.97 0.88 0.00
NIAGARA_230_LBMP 323716	49.90 0.10 0.00	50.38 -0.12 0.00	49.39 -0.58 0.00	42.66 -0.90 0.00	39.35 -0.89 0.00	37.88 -0.90 0.00	38.84 -1.06 0.00	42.20 -1.71 0.00	50.05 -1.32 0.00	48.01 -0.38 0.00	51.42 0.68 0.00	47.52 0.51 0.00	53.76 1.14 0.00	63.87 0.99 0.00	66.20 0.59 0.00	57.59 -0.05 0.00	51.85 0.11 0.00	67.84 1.06 0.00	82.51 1.44 0.00	67.26 0.67 0.00	77.53 0.62 0.00	65.53 1.15 0.00	58.81 1.24 0.00	53.19 1.10 0.00
NIAGARA___115KV_198_GIBSON 55903	49.62 -0.18 0.00	50.09 -0.41 0.00	49.10 -0.88 0.00	42.41 -1.15 0.00	39.12 -1.12 0.00	37.63 -1.15 0.00	38.58 -1.32 0.00	41.88 -2.02 0.00	49.71 -1.67 0.00	47.74 -0.65 0.00	51.18 0.45 0.00	47.27 0.26 0.00	53.55 0.94 0.00	63.55 0.67 0.00	65.76 0.16 0.00	57.19 -0.45 0.00	51.46 -0.28 0.00	67.32 0.54 0.00	81.95 0.89 0.00	66.83 0.23 0.00	76.98 0.06 0.00	65.16 0.77 0.00	58.54 0.97 0.00	52.97 0.88 0.00
NIAGARA____ 23760	49.90 0.10 0.00	50.38 -0.12 0.00	49.39 -0.58 0.00	42.66 -0.90 0.00	39.35 -0.89 0.00	37.88 -0.90 0.00	38.84 -1.06 0.00	42.20 -1.71 0.00	50.05 -1.32 0.00	48.01 -0.38 0.00	51.42 0.68 0.00	47.52 0.51 0.00	53.76 1.14 0.00	63.87 0.99 0.00	66.20 0.59 0.00	57.59 -0.05 0.00	51.85 0.11 0.00	67.84 1.06 0.00	82.51 1.44 0.00	67.26 0.67 0.00	77.53 0.62 0.00	65.53 1.15 0.00	58.81 1.24 0.00	53.19 1.10 0.00
NINE_MILE_1 23575	34.43 -1.30 14.07	41.09 -1.30 8.12	40.84 -1.36 7.78	41.06 -1.22 1.29	39.15 -1.09 0.00	37.72 -1.06 0.00	38.79 -1.11 0.00	41.02 -1.35 1.54	41.44 -1.50 8.43	44.87 -1.34 2.18	47.21 -1.30 2.22	45.79 -1.22 0.00	49.56 -1.25 1.81	56.97 -1.50 4.41	60.91 -1.51 3.19	56.34 -1.30 0.00	50.72 -1.02 0.00	63.43 -0.99 2.37	46.63 -1.20 33.24	51.47 -1.05 14.07	70.47 -1.31 5.14	60.08 -1.21 3.10	53.20 -1.14 3.23	49.45 -1.12 1.52
NINE_MILE_2 23744	34.32 -1.29 14.20	41.01 -1.30 8.19	40.78 -1.35 7.85	41.05 -1.22 1.31	39.15 -1.09 0.00	37.72 -1.06 0.00	38.79 -1.11 0.00	41.02 -1.34 1.56	41.37 -1.50 8.50	44.85 -1.34 2.20	47.20 -1.30 2.24	45.80 -1.21 0.00	49.54 -1.25 1.82	56.93 -1.50 4.45	60.88 -1.50 3.22	56.34 -1.30 0.00	50.73 -1.01 0.00	63.41 -0.99 2.39	46.33 -1.20 33.54	51.35 -1.05 14.20	70.42 -1.31 5.19	60.06 -1.21 3.13	53.17 -1.14 3.26	49.45 -1.12 1.53
NM_CAPITAL___DRP 24208	50.01 0.20 0.00	51.04 0.53 0.00	50.77 0.80 0.00	44.41 0.84 0.00	41.12 0.88 0.00	39.72 0.94 0.00	40.82 0.92 0.00	44.66 0.75 0.00	52.06 0.68 0.00	48.86 0.47 0.00	49.31 0.13 1.56	32.33 0.10 14.77	32.98 -0.27 19.36	61.57 -0.35 0.95	65.47 -0.14 0.00	57.75 0.11 0.00	52.21 0.47 0.00	67.85 1.06 0.00	81.90 0.83 0.00	66.84 0.24 0.00	76.93 0.01 0.00	63.83 -0.55 0.00	57.15 -0.42 0.00	51.77 -0.33 0.00
NM_CENTRAL___DRP 24181	49.98 -0.27 -0.44	50.50 -0.27 -0.25	49.87 -0.35 -0.24	43.24 -0.37 -0.04	39.93 -0.31 0.00	38.46 -0.32 0.00	39.55 -0.35 0.00	43.45 -0.51 -0.05	51.14 -0.50 -0.27	48.08 -0.37 -0.07	50.59 -0.21 -0.07	46.82 -0.19 0.00	52.63 -0.04 -0.06	63.02 0.00 -0.14	65.79 0.09 -0.10	57.79 0.14 0.00	52.08 0.34 0.00	67.81 0.96 -0.07	83.25 1.14 -1.04	67.90 0.86 -0.44	77.91 0.83 -0.16	64.99 0.51 -0.10	57.98 0.31 -0.10	52.25 0.11 -0.05

NM_FRONTIER___DRP 24179	49.62 -0.18 0.00	50.09 -0.41 0.00	49.10 -0.88 0.00	42.41 -1.15 0.00	39.12 -1.12 0.00	37.63 -1.15 0.00	38.58 -1.32 0.00	41.88 -2.02 0.00	49.71 -1.67 0.00	47.74 -0.65 0.00	51.18 0.45 0.00	47.27 0.26 0.00	53.55 0.94 0.00	63.55 0.67 0.00	65.76 0.16 0.00	57.19 -0.45 0.00	51.46 -0.28 0.00	67.32 0.54 0.00	81.95 0.89 0.00	66.83 0.23 0.00	76.98 0.06 0.00	65.16 0.77 0.00	58.54 0.97 0.00	52.97 0.88 0.00
NM_ST_REGIS___HYD 24053	50.95 1.15 0.00	51.21 0.70 0.00	50.39 0.41 0.00	43.74 0.17 0.00	40.22 -0.03 0.00	38.75 -0.03 0.00	39.89 -0.02 0.00	44.15 0.24 0.00	51.85 0.47 0.00	49.01 0.62 0.00	51.58 0.84 0.00	47.67 0.66 0.00	53.30 0.69 0.00	63.56 0.68 0.00	66.13 0.53 0.00	57.78 0.14 0.00	51.56 -0.18 0.00	65.27 -1.51 0.00	80.87 -0.20 0.00	67.07 0.47 0.00	78.24 1.33 0.00	65.98 1.59 0.00	58.83 1.26 0.00	53.19 1.10 0.00
NORTHPORT___1 23551	38.48 -0.03 11.29	52.01 1.50 0.00	52.07 2.09 0.00	45.62 2.05 0.00	42.25 2.00 0.00	40.67 1.88 0.00	42.03 2.13 0.00	45.94 2.03 0.00	52.66 1.28 0.00	49.12 0.73 0.00	54.18 1.63 -1.82	65.91 1.73 -17.16	75.83 0.93 -22.29	57.21 0.31 5.97	51.63 0.56 14.53	24.74 0.74 33.64	30.27 1.19 22.67	24.82 1.77 43.73	28.32 1.36 54.10	25.24 0.49 41.84	30.51 -0.11 46.30	27.95 -0.46 35.97	29.51 -0.37 27.69	52.90 0.81 0.00
NORTHPORT___2 23552	38.48 -0.03 11.29	52.01 1.50 0.00	52.07 2.09 0.00	45.62 2.05 0.00	42.25 2.00 0.00	40.67 1.88 0.00	42.03 2.13 0.00	45.94 2.03 0.00	52.66 1.28 0.00	49.12 0.73 0.00	54.18 1.63 -1.82	65.91 1.73 -17.16	75.83 0.93 -22.29	57.21 0.31 5.97	51.63 0.56 14.53	24.74 0.74 33.64	30.27 1.19 22.67	24.82 1.77 43.73	28.32 1.36 54.10	25.24 0.49 41.84	30.51 -0.11 46.30	27.95 -0.46 35.97	29.51 -0.37 27.69	52.90 0.81 0.00
NORTHPORT___3 23553	38.40 -0.18 11.23	51.94 1.43 0.00	52.00 2.02 0.00	45.55 1.98 0.00	42.16 1.92 0.00	40.60 1.82 0.00	41.93 2.03 0.00	45.82 1.91 0.00	52.54 1.16 0.00	49.05 0.66 0.00	54.02 1.47 -1.82	65.77 1.60 -17.16	75.68 0.79 -22.28	57.12 0.21 5.97	51.54 0.47 14.53	24.90 0.73 33.48	30.28 1.16 22.62	24.87 1.69 43.60	28.33 1.20 53.94	25.27 0.29 41.61	30.53 -0.35 46.04	27.91 -0.70 35.77	29.48 -0.56 27.53	52.83 0.73 0.00
NORTHPORT___4 23650	38.40 -0.18 11.23	51.94 1.43 0.00	52.00 2.02 0.00	45.55 1.98 0.00	42.16 1.92 0.00	40.60 1.82 0.00	41.93 2.03 0.00	45.82 1.91 0.00	52.54 1.16 0.00	49.05 0.66 0.00	54.02 1.47 -1.82	65.77 1.60 -17.16	75.68 0.79 -22.28	57.12 0.21 5.97	51.54 0.47 14.53	24.90 0.73 33.48	30.28 1.16 22.62	24.87 1.69 43.60	28.33 1.20 53.94	25.27 0.29 41.61	30.53 -0.35 46.04	27.91 -0.70 35.77	29.48 -0.56 27.53	52.83 0.73 0.00
NORTHPORT___IC 23718	38.48 -0.03 11.29	52.01 1.50 0.00	52.06 2.09 0.00	45.62 2.05 0.00	42.25 2.01 0.00	40.67 1.88 0.00	42.03 2.13 0.00	45.93 2.02 0.00	52.67 1.29 0.00	49.12 0.73 0.00	54.18 1.63 -1.82	65.92 1.75 -17.16	75.82 0.92 -22.29	57.21 0.31 5.97	51.63 0.56 14.53	24.76 0.75 33.64	30.31 1.24 22.67	24.94 1.88 43.73	28.41 1.45 54.10	25.27 0.52 41.84	30.53 -0.09 46.30	28.01 -0.41 35.97	29.56 -0.33 27.69	52.90 0.81 0.00
NORTH___COUNTRY_ESR 323785	49.99 0.18 0.00	50.46 -0.05 0.00	49.71 -0.27 0.00	43.18 -0.38 0.00	39.77 -0.47 0.00	38.30 -0.48 0.00	39.42 -0.49 0.00	43.72 -0.19 0.00	51.32 -0.06 0.00	48.49 0.10 0.00	50.87 0.13 0.00	47.07 0.06 0.00	52.63 0.02 0.00	62.84 -0.04 0.00	65.34 -0.26 0.00	57.07 -0.58 0.00	50.74 -1.00 0.00	64.77 -2.01 0.00	79.39 -1.68 0.00	65.32 -1.28 0.00	75.97 -0.94 0.00	63.98 -0.41 0.00	57.15 -0.42 0.00	51.70 -0.40 0.00
NPX_GEN_1385_PROXY 323591	39.14 0.39 11.05	52.30 1.80 0.00	52.19 2.21 0.00	45.88 2.31 0.00	42.49 2.25 0.00	40.95 2.16 0.00	42.37 2.46 0.00	46.28 2.38 0.00	52.96 1.58 0.00	49.12 0.73 0.00	54.45 1.90 -1.82	65.86 1.69 -17.16	75.81 0.91 -22.29	56.65 -0.25 5.97	50.91 -0.15 14.53	24.20 0.20 33.64	30.34 1.27 22.67	24.83 1.78 43.73	28.56 1.60 54.10	25.61 0.86 41.84	31.43 0.82 46.30	34.31 0.76 30.84	30.43 0.42 27.56	53.30 1.06 -0.15
NPX_GEN_CSC 323557	39.22 0.28 10.87	52.02 1.51 0.00	51.88 1.90 0.00	45.41 1.85 0.00	42.05 1.81 0.00	40.46 1.68 0.00	41.85 1.95 0.00	45.82 1.91 0.00	52.78 1.41 0.00	49.52 1.13 0.00	54.44 1.89 -1.82	66.15 1.98 -17.16	76.24 1.34 -22.28	64.48 1.01 -0.60	64.33 1.36 2.64	28.38 1.37 30.64	31.15 1.76 22.35	26.27 2.60 43.10	30.61 2.86 53.32	27.24 1.82 41.17	32.67 1.31 45.55	29.19 0.20 35.40	30.61 0.15 27.11	53.18 0.94 -0.15
NSINS_S_GLNS_FALLS 23858	52.43 2.63 0.00	53.44 2.93 0.00	52.98 3.00 0.00	46.18 2.61 0.00	42.77 2.52 0.00	41.26 2.48 0.00	42.29 2.39 0.00	46.21 2.30 0.00	54.01 2.63 0.00	50.63 2.24 0.00	50.81 1.67 1.59	33.31 1.33 15.03	34.39 1.48 19.70	63.97 2.06 0.97	68.15 2.55 0.00	60.07 2.43 0.00	54.71 2.98 0.00	72.06 5.28 0.00	87.23 6.16 0.00	71.11 4.51 0.00	82.08 5.16 0.00	67.73 3.34 0.00	60.53 2.96 0.00	54.63 2.53 0.00
NUCOR_STEEL___DRP 24197	51.73 0.69 -1.24	51.92 0.70 -0.71	50.97 0.31 -0.69	44.03 0.35 -0.11	40.64 0.40 0.00	39.13 0.35 0.00	40.23 0.33 0.00	44.05 0.01 -0.14	52.47 0.34 -0.74	49.01 0.43 -0.19	51.55 0.62 -0.20	47.53 0.52 0.00	53.56 0.78 -0.16	64.13 0.86 -0.39	66.87 0.99 -0.28	58.57 0.93 0.00	52.82 1.08 0.00	68.86 1.87 -0.21	86.59 2.59 -2.93	70.09 2.26 -1.24	79.86 2.50 -0.45	66.70 2.03 -0.27	59.48 1.63 -0.28	53.49 1.26 -0.13
NUMBER_THREE_WT_PWR 323818	53.13 2.69 -0.63	53.30 2.43 -0.37	52.37 2.05 -0.35	45.29 1.66 -0.06	41.49 1.25 0.00	40.13 1.35 0.00	41.27 1.37 0.00	45.33 1.35 -0.07	53.30 1.55 -0.38	50.02 1.53 -0.10	52.60 1.77 -0.10	48.44 1.43 0.00	54.29 1.60 -0.08	65.15 2.07 -0.20	67.89 2.15 -0.14	59.41 1.77 0.00	53.84 2.10 0.00	69.95 3.06 -0.11	87.55 4.98 -1.50	71.82 4.58 -0.63	82.82 5.67 -0.23	68.58 4.05 -0.14	60.71 3.00 -0.15	54.12 1.96 -0.07
NYISO_LBMP_REFERENCE 24008	49.80 0.00 0.00	50.51 0.00 0.00	49.98 0.00 0.00	43.57 0.00 0.00	40.24 0.00 0.00	38.78 0.00 0.00	39.90 0.00 0.00	43.91 0.00 0.00	51.38 0.00 0.00	48.39 0.00 0.00	50.74 0.00 0.00	47.01 0.00 0.00	52.61 0.00 0.00	62.88 0.00 0.00	65.61 0.00 0.00	57.64 0.00 0.00	51.74 0.00 0.00	66.78 0.00 0.00	81.07 0.00 0.00	66.60 0.00 0.00	76.92 0.00 0.00	64.39 0.00 0.00	57.57 0.00 0.00	52.10 0.00 0.00
NYPA_BRENTWD____GT 24164	39.90 0.98 10.88	52.83 2.33 0.00	52.75 2.77 0.00	46.18 2.61 0.00	42.74 2.50 0.00	41.14 2.36 0.00	42.54 2.64 0.00	46.53 2.63 0.00	53.51 2.14 0.00	50.08 1.69 0.00	55.11 2.56 -1.82	66.80 2.62 -17.16	76.98 2.08 -22.29	65.05 1.71 -0.45	64.71 1.97 2.86	29.54 1.98 30.08	32.18 2.31 21.88	27.77 3.19 42.20	31.91 3.05 52.20	28.08 1.82 40.34	33.74 1.46 44.64	30.67 0.97 34.68	31.76 0.88 26.69	53.83 1.74 0.00

NYPA_GOWANUS____GT5 24156	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.34 2.35 -1.11	68.25 2.65 0.00	60.46 2.81 0.00	54.87 3.12 0.00	70.99 4.21 0.00	85.19 4.12 0.00	69.11 2.52 0.00	79.09 2.18 0.00	65.83 1.44 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NYPA_GOWANUS____GT6 24157	51.57 1.76 0.00	52.62 2.11 0.00	52.20 2.23 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.47 2.10 0.00	50.45 2.06 0.00	54.40 1.85 -1.82	66.10 1.93 -17.16	77.07 1.97 -22.48	66.34 2.35 -1.11	68.25 2.65 0.00	60.46 2.81 0.00	54.87 3.12 0.00	70.99 4.21 0.00	85.19 4.12 0.00	69.11 2.52 0.00	79.09 2.18 0.00	65.83 1.44 0.00	59.20 1.63 0.00	53.86 1.76 0.00
NYPA_HARLEM__RVR__GT1 24160	51.47 1.67 0.00	52.59 2.08 0.00	52.20 2.23 0.00	45.71 2.14 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	46.01 2.10 0.00	53.34 1.96 0.00	50.31 1.92 0.00	54.25 1.70 -1.82	65.92 1.76 -17.16	76.98 1.88 -22.48	66.28 2.29 -1.11	68.17 2.57 0.00	60.39 2.75 0.00	54.77 3.03 0.00	70.87 4.09 0.00	85.07 4.00 0.00	69.03 2.43 0.00	79.00 2.08 -0.01	65.71 1.31 -0.01	59.07 1.49 -0.01	53.83 1.74 -0.01
NYPA_HARLEM__RVR__GT2 24161	51.47 1.67 0.00	52.59 2.08 0.00	52.20 2.23 0.00	45.71 2.14 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	46.01 2.10 0.00	53.34 1.96 0.00	50.31 1.92 0.00	54.25 1.70 -1.82	65.92 1.76 -17.16	76.98 1.88 -22.48	66.28 2.29 -1.11	68.17 2.57 0.00	60.39 2.75 0.00	54.77 3.03 0.00	70.87 4.09 0.00	85.07 4.00 0.00	69.03 2.43 0.00	79.00 2.08 -0.01	65.71 1.31 -0.01	59.07 1.49 -0.01	53.83 1.74 -0.01
NYPA_KENT____GT 24152	51.46 1.66 0.00	52.59 2.08 0.00	52.18 2.21 0.00	45.76 2.19 0.00	42.46 2.21 0.00	40.93 2.15 0.00	42.18 2.28 0.00	46.09 2.18 0.00	53.43 2.05 0.00	50.40 2.01 0.00	54.33 1.78 -1.82	66.04 1.87 -17.16	77.00 1.90 -22.48	66.26 2.27 -1.11	68.14 2.54 0.00	60.36 2.72 0.00	54.76 3.02 0.00	70.87 4.09 0.00	85.03 3.96 0.00	69.00 2.41 0.00	78.95 2.03 0.00	65.69 1.31 0.00	59.06 1.49 0.00	53.74 1.65 0.00
NYPA_POUCH1____GT 24155	51.42 1.61 0.00	52.11 1.87 0.27	51.18 1.99 0.78	45.69 2.13 0.00	42.39 2.14 0.00	40.86 2.08 0.00	42.12 2.21 0.00	45.97 2.06 0.00	53.15 1.87 0.09	50.26 1.87 0.00	54.12 1.56 -1.82	65.86 1.69 -17.16	76.78 1.68 -22.48	66.03 2.04 -1.11	67.94 2.33 0.00	60.21 2.57 0.00	54.67 2.93 0.00	70.73 3.95 0.00	84.88 3.81 0.00	68.86 2.26 0.00	78.79 1.87 0.00	65.57 1.19 0.00	58.99 1.42 0.00	53.69 1.60 0.00
NYPA_VERNON____GT2 24162	51.36 1.56 0.00	52.57 2.06 0.00	52.16 2.18 0.00	45.71 2.14 0.00	42.42 2.17 0.00	40.89 2.11 0.00	42.13 2.23 0.00	46.05 2.14 0.00	53.42 2.04 0.00	50.35 1.96 0.00	54.27 1.72 -1.82	65.96 1.80 -17.16	76.96 1.87 -22.48	66.21 2.22 -1.11	68.10 2.49 0.00	60.31 2.66 0.00	54.71 2.96 0.00	70.79 4.01 0.00	84.94 3.87 0.00	68.94 2.34 0.00	78.88 1.96 0.00	65.62 1.23 0.00	58.94 1.37 0.00	53.62 1.53 0.00
NYPA_VERNON____GT3 24163	51.36 1.56 0.00	52.57 2.06 0.00	52.16 2.18 0.00	45.71 2.14 0.00	42.42 2.17 0.00	40.89 2.11 0.00	42.13 2.23 0.00	46.05 2.14 0.00	53.42 2.04 0.00	50.35 1.96 0.00	54.27 1.72 -1.82	65.96 1.80 -17.16	76.96 1.87 -22.48	66.21 2.22 -1.11	68.10 2.49 0.00	60.31 2.66 0.00	54.71 2.96 0.00	70.79 4.01 0.00	84.94 3.87 0.00	68.94 2.34 0.00	78.88 1.96 0.00	65.62 1.23 0.00	58.94 1.37 0.00	53.62 1.53 0.00
NYPA____ASTORIA_CC1 323568	51.28 1.48 0.00	52.48 1.98 0.00	52.09 2.12 0.00	45.64 2.08 0.00	42.36 2.12 0.00	40.83 2.05 0.00	42.09 2.19 0.00	45.99 2.08 0.00	53.33 1.96 0.00	50.27 1.88 0.00	54.19 1.64 -1.82	65.91 1.74 -17.16	76.90 1.80 -22.48	66.12 2.14 -1.11	68.01 2.40 0.00	60.24 2.59 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.82 3.75 0.00	68.83 2.23 0.00	78.77 1.85 0.00	65.53 1.14 0.00	58.85 1.28 0.00	53.55 1.45 0.00
NYPA____ASTORIA_CC2 323569	51.28 1.48 0.00	52.48 1.98 0.00	52.09 2.12 0.00	45.64 2.08 0.00	42.36 2.12 0.00	40.83 2.05 0.00	42.09 2.19 0.00	45.99 2.08 0.00	53.33 1.96 0.00	50.27 1.88 0.00	54.19 1.64 -1.82	65.91 1.74 -17.16	76.90 1.80 -22.48	66.12 2.14 -1.11	68.01 2.40 0.00	60.24 2.59 0.00	54.63 2.89 0.00	70.70 3.92 0.00	84.82 3.75 0.00	68.83 2.23 0.00	78.77 1.85 0.00	65.53 1.14 0.00	58.85 1.28 0.00	53.55 1.45 0.00
NYPA____HOLTSVILL 23794	39.13 0.45 11.12	52.24 1.73 0.00	52.14 2.16 0.00	45.67 2.10 0.00	42.28 2.04 0.00	40.70 1.91 0.00	42.08 2.17 0.00	46.05 2.14 0.00	52.98 1.61 0.00	49.62 1.23 0.00	54.54 1.99 -1.82	66.25 2.08 -17.16	76.36 1.46 -22.28	64.62 1.11 -0.62	64.45 1.44 2.59	28.42 1.44 30.67	31.16 1.80 22.38	26.20 2.58 43.17	30.13 2.47 53.40	26.77 1.41 41.23	32.21 0.92 45.62	29.22 0.27 35.45	30.57 0.28 27.28	53.21 1.12 0.00
NYPA____HELLGATE_GT1 24158	51.47 1.67 0.00	52.59 2.08 0.00	52.20 2.23 0.00	45.71 2.14 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	46.01 2.10 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.25 1.70 -1.82	65.92 1.76 -17.16	76.98 1.88 -22.48	66.28 2.29 -1.11	68.17 2.57 0.00	60.39 2.75 0.00	54.77 3.03 0.00	70.87 4.09 0.00	85.07 4.00 0.00	69.03 2.43 0.00	79.00 2.08 -0.01	65.71 1.31 -0.01	59.07 1.49 -0.01	53.83 1.74 -0.01
NYPA____HELLGATE_GT2 24159	51.47 1.67 0.00	52.59 2.08 0.00	52.20 2.23 0.00	45.71 2.14 0.00	42.43 2.19 0.00	40.92 2.13 0.00	42.17 2.27 0.00	46.01 2.10 0.00	53.33 1.95 0.00	50.31 1.92 0.00	54.25 1.70 -1.82	65.92 1.76 -17.16	76.98 1.88 -22.48	66.28 2.29 -1.11	68.17 2.57 0.00	60.39 2.75 0.00	54.77 3.03 0.00	70.87 4.09 0.00	85.07 4.00 0.00	69.03 2.43 0.00	79.00 2.08 -0.01	65.71 1.31 -0.01	59.07 1.49 -0.01	53.83 1.74 -0.01
NYS_BARGE____HYD 23848	50.45 0.65 0.00	50.79 0.28 0.00	49.74 -0.23 0.00	42.92 -0.65 0.00	39.59 -0.65 0.00	38.11 -0.67 0.00	39.05 -0.85 0.00	42.45 -1.46 0.00	50.39 -0.99 0.00	48.31 -0.08 0.00	51.73 0.99 0.00	47.85 0.83 0.00	54.24 1.63 0.00	64.44 1.56 0.00	66.74 1.14 0.00	58.11 0.47 0.00	52.36 0.62 0.00	68.48 1.70 0.00	83.30 2.23 0.00	67.95 1.36 0.00	78.33 1.42 0.00	66.27 1.88 0.00	59.45 1.88 0.00	53.69 1.59 0.00
OAK ORCHARD____HYD 24046	50.95 1.15 0.00	51.45 0.94 0.00	50.55 0.57 0.00	43.79 0.22 0.00	40.41 0.16 0.00	38.91 0.12 0.00	39.97 0.07 0.00	43.68 -0.23 0.00	51.59 0.22 0.00	49.13 0.74 0.00	52.11 1.38 0.00	48.36 1.35 0.00	54.64 2.03 0.00	65.30 2.42 0.00	68.10 2.49 0.00	59.63 1.99 0.00	53.80 2.06 0.00	70.26 3.48 0.00	85.46 4.40 0.00	69.82 3.22 0.00	80.26 3.35 0.00	67.41 3.02 0.00	60.18 2.61 0.00	54.27 2.18 0.00

OAKDALE___35_KV_LOAD 356122	50.02 0.22 0.00	50.93 0.42 0.00	50.29 0.31 0.00	43.82 0.26 0.00	40.60 0.35 0.00	39.08 0.30 0.00	40.19 0.28 0.00	44.02 0.11 0.00	51.53 0.15 0.00	48.54 0.15 0.00	51.19 0.45 0.00	47.42 0.41 0.00	53.35 0.74 0.00	63.69 0.81 0.00	66.49 0.89 0.00	58.45 0.81 0.00	52.66 0.92 0.00	68.62 1.84 0.00	83.01 1.95 0.00	68.05 1.45 0.00	78.39 1.47 0.00	65.41 1.03 0.00	58.33 0.76 0.00	52.61 0.51 0.00
OCC_CHEM___DRP 24175	49.72 -0.08 0.00	50.20 -0.31 0.00	49.21 -0.77 0.00	42.50 -1.06 0.00	39.20 -1.04 0.00	37.71 -1.08 0.00	38.66 -1.25 0.00	41.97 -1.94 0.00	49.82 -1.56 0.00	47.83 -0.56 0.00	51.30 0.56 0.00	47.40 0.38 0.00	53.69 1.07 0.00	63.72 0.83 0.00	65.93 0.32 0.00	57.32 -0.32 0.00	51.60 -0.15 0.00	67.49 0.71 0.00	82.14 1.08 0.00	66.98 0.39 0.00	77.17 0.25 0.00	65.31 0.92 0.00	58.68 1.11 0.00	53.10 1.01 0.00
OH_GEN_PROXY 24063	50.10 0.06 -0.24	50.36 -0.15 0.00	49.38 -0.60 0.00	42.64 -0.93 0.00	39.35 -0.90 0.00	37.88 -0.91 0.00	38.85 -1.06 0.00	42.23 -1.68 0.00	50.08 -1.29 0.00	48.01 -0.38 0.00	51.39 0.66 0.00	47.52 0.50 0.00	53.75 1.14 0.00	63.87 0.99 0.00	66.22 0.62 0.00	57.64 0.00 0.00	51.90 0.16 0.00	67.90 1.12 0.00	82.52 1.46 0.00	67.30 0.70 0.00	77.57 0.66 0.00	65.55 1.16 0.00	76.63 1.21 -17.85	53.29 1.05 -0.15
OLIN_CORP_DRP 24177	50.07 0.27 0.00	50.43 -0.08 0.00	49.41 -0.57 0.00	42.64 -0.93 0.00	39.33 -0.91 0.00	37.88 -0.91 0.00	38.79 -1.12 0.00	42.13 -1.77 0.00	50.00 -1.38 0.00	47.98 -0.41 0.00	51.43 0.69 0.00	47.50 0.49 0.00	53.87 1.26 0.00	63.92 1.04 0.00	66.19 0.59 0.00	57.60 -0.05 0.00	51.86 0.11 0.00	67.75 0.97 0.00	82.26 1.20 0.00	67.12 0.53 0.00	77.33 0.41 0.00	65.46 1.07 0.00	58.76 1.19 0.00	53.14 1.05 0.00
OLIN_CORP_DSASP 323712	49.72 -0.08 0.00	50.21 -0.29 0.00	49.23 -0.75 0.00	42.51 -1.05 0.00	39.19 -1.05 0.00	37.72 -1.07 0.00	38.66 -1.25 0.00	41.98 -1.93 0.00	49.84 -1.54 0.00	47.84 -0.55 0.00	51.28 0.54 0.00	47.40 0.39 0.00	53.67 1.06 0.00	63.72 0.83 0.00	65.93 0.33 0.00	57.33 -0.31 0.00	51.60 -0.14 0.00	67.53 0.75 0.00	82.22 1.15 0.00	66.99 0.39 0.00	77.20 0.28 0.00	65.32 0.93 0.00	58.67 1.11 0.00	53.10 1.01 0.00
ONEIDA_HERK_LFGE 323681	51.79 1.99 0.00	52.41 1.90 0.00	51.68 1.71 0.00	44.99 1.43 0.00	41.46 1.22 0.00	40.00 1.21 0.00	41.14 1.24 0.00	45.14 1.24 0.00	52.78 1.40 0.00	49.74 1.35 0.00	52.30 1.56 0.00	48.40 1.39 0.00	54.24 1.62 0.00	64.98 2.10 0.00	67.83 2.23 0.00	59.49 1.85 0.00	53.71 1.97 0.00	69.67 2.89 0.00	85.25 4.19 0.00	70.25 3.66 0.00	81.21 4.29 0.00	67.59 3.21 0.00	60.07 2.50 0.00	53.90 1.80 0.00
ONEIDA___115KV_TB4 55905	51.56 1.75 0.00	52.26 1.75 0.00	51.56 1.59 0.00	44.92 1.36 0.00	41.50 1.25 0.00	39.96 1.18 0.00	41.11 1.21 0.00	45.06 1.15 0.00	52.62 1.25 0.00	49.63 1.25 0.00	52.22 1.49 0.00	48.45 1.44 0.00	54.36 1.75 0.00	65.10 2.22 0.00	68.06 2.46 0.00	59.60 1.96 0.00	53.74 2.00 0.00	69.90 3.11 0.00	85.19 4.12 0.00	70.20 3.60 0.00	81.02 4.10 0.00	67.55 3.17 0.00	60.09 2.52 0.00	54.03 1.94 0.00
ONONDAGA_REF_OCCRA 23987	50.29 0.03 -0.45	50.83 0.06 -0.26	50.17 -0.06 -0.25	43.50 -0.11 -0.04	40.18 -0.06 0.00	38.70 -0.08 0.00	39.80 -0.11 0.00	43.71 -0.25 -0.05	51.45 -0.20 -0.27	48.35 -0.10 -0.07	50.86 0.06 -0.07	47.04 0.03 0.00	52.91 0.24 -0.06	63.35 0.33 -0.14	66.16 0.45 -0.10	58.12 0.48 0.00	52.39 0.65 0.00	68.24 1.38 -0.08	83.83 1.69 -1.07	68.41 1.36 -0.45	78.49 1.41 -0.16	65.46 0.97 -0.10	58.37 0.70 -0.10	52.60 0.46 -0.05
ONONDAGA___COGEN 23986	51.06 -0.22 -1.48	51.15 -0.21 -0.86	50.45 -0.34 -0.82	43.37 -0.34 -0.14	39.97 -0.28 0.00	38.49 -0.29 0.00	39.58 -0.33 0.00	43.57 -0.50 -0.16	51.81 -0.45 -0.89	48.28 -0.34 -0.23	50.76 -0.21 -0.23	46.80 -0.21 0.00	52.75 -0.05 -0.19	63.29 -0.06 -0.46	65.99 0.06 -0.34	57.77 0.13 0.00	52.07 0.33 0.00	67.97 0.94 -0.25	85.73 1.17 -3.50	69.01 0.94 -1.48	78.41 0.95 -0.54	65.34 0.62 -0.33	58.36 0.45 -0.34	52.49 0.24 -0.16
ONTARIO___LFGE 23819	51.50 1.14 -0.56	51.84 1.02 -0.32	50.95 0.66 -0.31	44.16 0.55 -0.05	40.84 0.60 0.00	39.28 0.50 0.00	40.41 0.50 0.00	44.37 0.40 -0.06	52.28 0.57 -0.34	49.40 0.93 -0.09	52.07 1.25 -0.09	48.17 1.16 0.00	54.11 1.42 -0.07	64.61 1.55 -0.17	67.49 1.76 -0.13	59.26 1.62 0.00	53.64 1.90 0.00	70.28 3.41 -0.09	86.81 4.43 -1.32	70.87 3.71 -0.56	81.19 4.07 -0.20	67.73 3.22 -0.12	60.21 2.51 -0.13	54.08 1.93 -0.06
ORANGEVILLE_WT_PWR 323706	50.60 0.80 0.00	50.84 0.33 0.00	49.79 -0.18 0.00	42.98 -0.58 0.00	39.63 -0.61 0.00	38.20 -0.58 0.00	39.17 -0.73 0.00	42.77 -1.14 0.00	50.83 -0.54 0.00	48.57 0.18 0.00	51.55 0.82 0.00	47.59 0.58 0.00	53.77 1.15 0.00	63.95 1.07 0.00	66.50 0.90 0.00	58.01 0.37 0.00	52.30 0.56 0.00	68.51 1.73 0.00	83.61 2.55 0.00	68.73 2.13 0.00	79.31 2.40 0.00	66.49 2.10 0.00	59.09 1.52 0.00	53.18 1.08 0.00
ORANGEVILLE___ESR 323794	50.60 0.80 0.00	50.84 0.33 0.00	49.79 -0.18 0.00	42.98 -0.58 0.00	39.63 -0.61 0.00	38.20 -0.58 0.00	39.17 -0.73 0.00	42.77 -1.14 0.00	50.83 -0.54 0.00	48.57 0.18 0.00	51.55 0.82 0.00	47.59 0.58 0.00	53.77 1.15 0.00	63.95 1.07 0.00	66.50 0.90 0.00	58.01 0.37 0.00	52.30 0.56 0.00	68.51 1.73 0.00	83.61 2.55 0.00	68.73 2.13 0.00	79.31 2.40 0.00	66.49 2.10 0.00	59.09 1.52 0.00	53.18 1.08 0.00
OSWEGATCHIE___HYD 24044	52.16 1.80 -0.56	52.25 1.42 -0.32	51.37 1.08 -0.31	44.40 0.78 -0.05	40.74 0.50 0.00	39.33 0.55 0.00	40.45 0.55 0.00	44.61 0.64 -0.06	52.53 0.82 -0.34	49.38 0.91 -0.09	51.93 1.11 -0.09	47.86 0.85 0.00	53.62 0.93 -0.07	64.22 1.16 -0.17	66.81 1.08 -0.13	58.42 0.78 0.00	52.55 0.81 0.00	67.51 0.63 -0.09	84.77 2.38 -1.32	69.67 2.52 -0.56	80.65 3.53 -0.20	67.38 2.87 -0.12	59.86 2.17 -0.13	53.72 1.56 -0.06
OSWEGO___5 23606	57.89 -0.89 -8.98	54.79 -0.90 -5.18	53.97 -0.97 -4.97	43.51 -0.88 -0.82	39.46 -0.78 0.00	38.02 -0.76 0.00	39.10 -0.80 0.00	43.88 -1.01 -0.98	55.65 -1.11 -5.38	48.80 -0.97 -1.39	51.26 -0.89 -1.42	46.16 -0.85 0.00	52.94 -0.83 -1.15	64.69 -1.00 -2.82	66.66 -0.98 -2.04	56.80 -0.84 0.00	51.14 -0.60 0.00	67.87 -0.42 -1.51	101.78 -0.50 -21.22	75.11 -0.47 -8.98	79.55 -0.65 -3.28	65.72 -0.65 -1.98	58.97 -0.66 -2.06	52.37 -0.69 -0.97
OSWEGO___6 23613	57.89 -0.89 -8.98	54.79 -0.90 -5.18	53.97 -0.97 -4.97	43.51 -0.88 -0.82	39.46 -0.78 0.00	38.02 -0.76 0.00	39.10 -0.80 0.00	43.88 -1.01 -0.98	55.65 -1.11 -5.38	48.80 -0.97 -1.39	51.26 -0.89 -1.42	46.16 -0.85 0.00	52.94 -0.83 -1.15	64.69 -1.00 -2.82	66.66 -0.98 -2.04	56.80 -0.84 0.00	51.14 -0.60 0.00	67.87 -0.42 -1.51	101.78 -0.50 -21.22	75.11 -0.47 -8.98	79.55 -0.65 -3.28	65.72 -0.65 -1.98	58.97 -0.66 -2.06	52.37 -0.69 -0.97

OUTOKUMPU-AB___DRP 24206	50.86 1.06 0.00	51.24 0.74 0.00	50.17 0.20 0.00	43.29 -0.27 0.00	39.95 -0.30 0.00	38.46 -0.32 0.00	39.43 -0.47 0.00	42.85 -1.06 0.00	50.84 -0.53 0.00	48.85 0.46 0.00	52.41 1.68 0.00	48.51 1.50 0.00	55.00 2.39 0.00	65.33 2.45 0.00	67.49 1.88 0.00	58.72 1.07 0.00	52.88 1.14 0.00	69.17 2.38 0.00	84.18 3.11 0.00	68.69 2.10 0.00	79.12 2.21 0.00	67.01 2.62 0.00	60.17 2.60 0.00	54.33 2.24 0.00
OXBOW___BTM 323836	50.33 0.52 0.00	50.76 0.25 0.00	49.73 -0.25 0.00	42.92 -0.65 0.00	39.56 -0.68 0.00	38.08 -0.70 0.00	39.05 -0.85 0.00	42.42 -1.49 0.00	50.36 -1.02 0.00	48.38 -0.01 0.00	51.89 1.16 0.00	48.02 1.01 0.00	54.41 1.80 0.00	64.62 1.75 0.00	66.61 1.00 0.00	57.94 0.30 0.00	52.16 0.42 0.00	68.25 1.47 0.00	83.09 2.02 0.00	67.74 1.15 0.00	78.06 1.15 0.00	66.10 1.71 0.00	59.46 1.89 0.00	53.79 1.70 0.00
OXBOW___ 24026	50.33 0.52 0.00	50.73 0.23 0.00	49.71 -0.26 0.00	42.91 -0.65 0.00	39.56 -0.68 0.00	38.08 -0.70 0.00	39.04 -0.86 0.00	42.41 -1.50 0.00	50.34 -1.03 0.00	48.37 -0.02 0.00	51.91 1.17 0.00	48.01 1.00 0.00	54.43 1.81 0.00	64.63 1.75 0.00	66.61 1.00 0.00	57.93 0.29 0.00	52.15 0.41 0.00	68.21 1.43 0.00	83.02 1.95 0.00	67.73 1.13 0.00	78.03 1.12 0.00	66.09 1.70 0.00	59.46 1.89 0.00	53.79 1.70 0.00
OXY_CHEM_DSASP 323612	49.72 -0.08 0.00	50.20 -0.31 0.00	49.21 -0.77 0.00	42.50 -1.06 0.00	39.20 -1.04 0.00	37.71 -1.08 0.00	38.66 -1.25 0.00	41.97 -1.94 0.00	49.82 -1.56 0.00	47.83 -0.56 0.00	51.30 0.56 0.00	47.40 0.38 0.00	53.69 1.07 0.00	63.72 0.83 0.00	65.93 0.32 0.00	57.32 -0.32 0.00	51.60 -0.15 0.00	67.49 0.71 0.00	82.14 1.08 0.00	66.98 0.39 0.00	77.17 0.25 0.00	65.31 0.92 0.00	58.68 1.11 0.00	53.10 1.01 0.00
OZONE_PARK_ESR 323760	51.99 2.19 0.00	53.12 2.61 0.00	52.69 2.71 0.00	46.11 2.54 0.00	42.77 2.53 0.00	41.22 2.44 0.00	42.48 2.58 0.00	46.45 2.54 0.00	53.93 2.55 0.00	50.88 2.48 0.00	54.92 2.37 -1.82	66.58 2.41 -17.16	77.69 2.59 -22.48	67.15 3.16 -1.11	69.09 3.49 0.00	61.15 3.50 0.00	55.46 3.72 0.00	71.83 5.04 0.00	86.20 5.13 0.00	69.95 3.35 0.00	80.07 3.16 0.00	66.63 2.25 0.00	59.79 2.22 0.00	54.30 2.20 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.72 -0.08 0.00	50.20 -0.31 0.00	49.21 -0.77 0.00	42.50 -1.06 0.00	39.20 -1.04 0.00	37.71 -1.08 0.00	38.66 -1.25 0.00	41.97 -1.94 0.00	49.82 -1.56 0.00	47.83 -0.56 0.00	51.30 0.56 0.00	47.40 0.38 0.00	53.69 1.07 0.00	63.72 0.83 0.00	65.93 0.32 0.00	57.32 -0.32 0.00	51.60 -0.15 0.00	67.49 0.71 0.00	82.14 1.08 0.00	66.98 0.39 0.00	77.17 0.25 0.00	65.31 0.92 0.00	58.68 1.11 0.00	53.10 1.01 0.00
PACKARD___115KV_DUPONT_184 80571	49.72 -0.08 0.00	50.20 -0.31 0.00	49.21 -0.77 0.00	42.50 -1.06 0.00	39.20 -1.04 0.00	37.71 -1.08 0.00	38.66 -1.25 0.00	41.97 -1.94 0.00	49.82 -1.56 0.00	47.83 -0.56 0.00	51.30 0.56 0.00	47.40 0.38 0.00	53.69 1.07 0.00	63.72 0.83 0.00	65.93 0.32 0.00	57.32 -0.32 0.00	51.60 -0.15 0.00	67.49 0.71 0.00	82.14 1.08 0.00	66.98 0.39 0.00	77.17 0.25 0.00	65.31 0.92 0.00	58.68 1.11 0.00	53.10 1.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.48 1.68 0.00	52.62 2.11 0.00	52.23 2.25 0.00	45.74 2.17 0.00	42.44 2.20 0.00	40.92 2.14 0.00	42.18 2.27 0.00	46.05 2.14 0.00	53.42 2.05 0.00	50.37 1.99 0.00	54.32 1.77 -1.82	66.03 1.86 -17.16	77.07 1.97 -22.48	66.41 2.42 -1.11	68.28 2.68 0.00	60.49 2.85 0.00	54.87 3.13 0.00	71.02 4.24 0.00	85.22 4.16 0.00	69.16 2.57 0.00	79.16 2.24 0.00	65.86 1.47 0.00	59.15 1.58 0.00	53.82 1.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.15 3.35 0.00	54.32 3.81 0.00	53.87 3.89 0.00	47.17 3.61 0.00	43.81 3.57 0.00	42.27 3.49 0.00	43.59 3.69 0.00	47.62 3.71 0.00	55.19 3.81 -1.82	52.08 3.69 -17.16	56.12 3.57 -22.48	67.68 3.52 -1.11	78.94 3.85 0.00	68.66 4.67 0.00	70.59 4.99 0.00	62.54 4.90 0.00	56.68 4.94 0.00	73.44 6.66 0.00	88.03 6.96 0.00	71.43 4.84 0.00	81.80 4.88 0.00	68.10 3.71 0.00	61.12 3.55 0.00	55.68 3.58 0.00
PATROON___115KV_TB1 80586	50.23 0.43 0.00	51.24 0.73 0.00	50.95 0.97 0.00	44.54 0.97 0.00	41.24 1.00 0.00	39.82 1.03 0.00	40.93 1.03 0.00	44.79 0.88 0.00	52.23 0.85 0.00	49.01 0.62 0.00	49.63 0.35 1.45	33.60 0.29 13.70	34.55 -0.11 17.95	61.82 -0.17 0.88	65.71 0.11 0.00	57.94 0.30 0.00	52.37 0.63 0.00	68.11 1.33 0.00	82.19 1.13 0.00	67.08 0.49 0.00	77.20 0.28 0.00	64.07 -0.32 0.00	57.34 -0.23 0.00	51.92 -0.17 0.00
PATTRSNVILLE___SOLAR 323815	51.49 1.69 0.00	52.35 1.85 0.00	51.90 1.92 0.00	45.28 1.71 0.00	41.86 1.61 0.00	40.38 1.60 0.00	41.50 1.60 0.00	45.46 1.55 0.00	52.96 1.58 0.00	49.59 1.20 0.00	50.68 1.12 1.18	36.57 0.67 11.11	38.61 0.56 14.56	62.90 0.74 0.72	67.35 1.75 0.00	59.01 1.37 0.00	52.94 1.19 0.00	69.46 2.68 0.00	84.72 3.65 0.00	69.27 2.68 0.00	79.88 2.97 0.00	66.56 2.17 0.00	59.52 1.95 0.00	53.82 1.73 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.90 1.10 0.00	51.30 0.79 0.00	50.22 0.25 0.00	43.38 -0.18 0.00	40.08 -0.16 0.00	38.59 -0.20 0.00	39.62 -0.28 0.00	43.05 -0.85 0.00	51.07 -0.31 0.00	49.05 0.66 0.00	52.56 1.82 0.00	48.68 1.67 0.00	55.11 2.50 0.00	65.57 2.69 0.00	68.14 2.53 0.00	59.39 1.75 0.00	53.58 1.84 0.00	70.14 3.36 0.00	85.11 4.04 0.00	69.55 2.96 0.00	80.05 3.13 0.00	67.48 3.09 0.00	60.33 2.76 0.00	54.37 2.27 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.74 1.93 0.00	52.81 2.31 0.00	52.41 2.43 0.00	45.81 2.24 0.00	42.45 2.21 0.00	40.94 2.16 0.00	42.14 2.24 0.00	46.12 2.21 0.00	53.66 2.28 0.00	50.55 2.16 0.00	54.46 2.12 -1.60	64.36 2.20 -15.15	74.91 2.43 -19.86	66.90 3.04 -0.98	69.03 3.43 0.00	61.08 3.43 0.00	55.37 3.63 0.00	71.89 5.11 0.00	86.33 5.26 0.00	70.15 3.55 0.00	80.35 3.44 0.00	66.74 2.35 0.00	59.72 2.15 0.00	54.12 2.02 0.00
PEEKSKILL___ 23653	51.12 1.31 0.00	52.22 1.72 0.00	51.83 1.85 0.00	45.33 1.77 0.00	42.04 1.80 0.00	40.53 1.75 0.00	41.74 1.84 0.00	45.63 1.72 0.00	53.01 1.63 0.00	49.94 1.55 0.00	53.97 1.45 -1.78	65.41 1.57 -16.84	76.38 1.70 -22.06	66.05 2.08 -1.09	67.96 2.35 0.00	60.14 2.50 0.00	54.50 2.76 0.00	70.65 3.87 0.00	84.85 3.79 0.00	68.96 2.36 0.00	78.99 2.07 0.00	65.69 1.31 0.00	58.87 1.30 0.00	53.45 1.35 0.00
PGE MADISON___WINDPWR 24146	53.48 3.67 0.00	53.99 3.48 0.00	53.41 3.43 0.00	46.49 2.92 0.00	42.89 2.65 0.00	41.41 2.62 0.00	42.58 2.68 0.00	46.73 2.82 0.00	54.87 3.50 0.00	51.91 3.52 0.00	54.95 4.21 0.00	50.70 3.68 0.00	56.97 4.35 0.00	68.14 5.26 0.00	71.49 5.88 0.00	62.62 4.98 0.00	55.86 4.12 0.00	73.18 6.40 0.00	88.94 7.87 0.00	73.46 6.87 0.00	84.53 7.61 0.00	70.25 5.87 0.00	62.03 4.46 0.00	55.55 3.46 0.00

PIERCEFIELD___HYD 23852	50.95 1.14 0.00	51.16 0.66 0.00	50.35 0.38 0.00	43.70 0.14 0.00	40.18 -0.06 0.00	38.72 -0.07 0.00	39.85 -0.06 0.00	44.11 0.20 0.00	51.81 0.43 0.00	48.99 0.60 0.00	51.54 0.80 0.00	47.62 0.61 0.00	53.26 0.64 0.00	63.49 0.61 0.00	66.07 0.46 0.00	57.73 0.09 0.00	51.56 -0.18 0.00	65.09 -1.69 0.00	80.86 -0.21 0.00	67.09 0.50 0.00	78.27 1.36 0.00	66.02 1.63 0.00	58.86 1.29 0.00	53.25 1.16 0.00
PINELAWN_CC_1 323563	41.12 1.07 9.76	52.82 2.31 0.00	52.63 2.66 0.00	46.05 2.48 0.00	42.65 2.41 0.00	41.03 2.25 0.00	42.41 2.50 0.00	46.38 2.47 0.00	53.42 2.04 0.00	50.08 1.69 0.00	54.92 2.37 -1.82	66.60 2.42 -17.16	76.88 1.95 -22.31	65.51 1.78 -0.85	65.78 2.14 1.97	32.99 2.18 26.83	34.70 2.54 19.59	32.49 3.50 37.79	37.69 3.37 46.75	32.48 2.05 36.16	38.56 1.66 40.01	34.31 1.02 31.09	34.53 0.89 23.92	53.77 1.67 0.00
PJM_GEN_HTTP_PROXY 323702	52.34 1.53 -1.01	52.49 1.98 0.00	52.09 2.12 0.00	45.59 2.03 0.00	42.29 2.05 0.00	40.78 1.99 0.00	42.02 2.11 0.00	45.94 2.03 0.00	53.46 1.96 -0.12	50.28 1.89 0.00	52.14 1.73 0.32	65.98 1.81 -17.15	77.00 1.91 -22.48	66.30 2.31 -1.11	68.21 2.60 0.00	60.37 2.73 0.00	54.75 3.01 0.00	70.90 4.12 0.00	85.09 4.03 0.00	69.09 2.50 0.00	79.10 2.18 0.00	65.78 1.39 0.00	59.01 1.44 0.00	53.63 1.54 0.00
PJM_GEN_KEystone 24065	51.26 0.45 -1.01	51.10 0.61 0.02	50.42 0.50 0.05	43.97 0.40 0.00	40.75 0.51 0.00	39.25 0.47 0.00	40.41 0.50 0.00	44.03 0.12 0.00	51.61 0.12 -0.12	48.83 0.44 0.00	50.31 0.75 1.17	53.02 0.84 -5.17	65.68 1.11 -11.95	64.73 1.26 -0.59	66.85 1.25 0.00	58.85 1.21 0.00	51.59 1.41 1.56	70.18 2.43 -0.97	83.29 2.23 0.00	67.80 1.21 0.00	77.89 0.98 0.00	65.21 0.82 0.00	58.42 0.85 0.00	52.90 0.81 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.50 0.72 11.02	52.34 1.83 0.00	52.11 2.14 0.00	45.60 2.04 0.00	42.25 2.00 0.00	40.68 1.89 0.00	41.99 2.09 0.00	45.91 2.01 0.00	53.09 1.59 -0.12	49.70 1.31 0.00	52.23 1.82 0.32	66.02 1.85 -17.16	76.28 1.44 -22.23	65.34 1.35 -1.11	65.43 1.67 1.85	26.45 1.78 32.97	29.45 2.11 24.40	22.70 2.92 47.01	25.63 2.71 58.14	23.55 1.52 44.57	28.64 1.05 49.32	26.53 0.46 38.32	28.53 0.45 29.49	53.33 1.24 0.00
PJM_GEN_VFT_PROXY 323633	52.04 1.24 -1.00	51.90 1.67 0.28	51.00 1.81 0.78	45.37 1.81 0.00	42.13 1.89 0.00	40.62 1.83 0.00	41.85 1.94 0.00	45.72 1.82 0.00	53.07 1.66 -0.04	50.04 1.66 0.00	51.83 1.41 0.32	65.70 1.54 -17.16	76.70 1.61 -22.48	65.96 1.97 -1.11	67.84 2.24 0.00	60.10 2.46 0.00	54.52 2.78 0.00	70.57 3.79 0.00	84.68 3.61 0.00	68.71 2.12 0.00	78.63 1.71 0.00	65.42 1.03 0.00	58.74 1.17 0.00	53.40 1.31 0.00
PLATSBURG_115KV_PMLD1 355749	49.87 0.07 0.00	50.52 0.01 0.00	49.78 -0.20 0.00	43.26 -0.31 0.00	39.84 -0.41 0.00	38.37 -0.42 0.00	39.47 -0.43 0.00	43.76 -0.15 0.00	51.35 -0.03 0.00	48.49 0.10 0.00	50.68 -0.05 0.00	46.91 -0.10 0.00	52.45 -0.17 0.00	62.62 -0.26 0.00	65.16 -0.45 0.00	56.89 -0.75 0.00	50.63 -1.11 0.00	64.68 -2.10 0.00	79.30 -1.76 0.00	65.29 -1.31 0.00	75.90 -1.01 0.00	63.86 -0.53 0.00	57.01 -0.56 0.00	51.61 -0.48 0.00
PLEASANTVLY___LBMP 24000	50.75 0.95 0.00	51.89 1.39 0.00	51.55 1.58 0.00	45.09 1.53 0.00	41.81 1.57 0.00	40.33 1.54 0.00	41.50 1.59 0.00	45.36 1.46 0.00	52.72 1.35 0.00	49.60 1.21 0.00	53.80 1.03 -2.04	67.35 1.11 -19.22	78.96 1.15 -25.19	65.55 1.43 -1.24	67.28 1.68 0.00	59.50 1.86 0.00	53.92 2.18 0.00	69.93 3.15 0.00	84.10 3.03 0.00	68.41 1.81 0.00	78.48 1.56 0.00	65.17 0.79 0.00	58.39 0.82 0.00	53.00 0.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.24 1.44 0.00	52.39 1.88 0.00	51.99 2.01 0.00	45.48 1.92 0.00	42.17 1.93 0.00	40.68 1.90 0.00	41.88 1.98 0.00	45.80 1.89 0.00	53.22 1.84 0.00	50.13 1.74 0.00	54.19 1.62 -1.83	66.01 1.69 -17.31	77.09 1.80 -22.68	66.21 2.21 -1.12	68.12 2.51 0.00	60.29 2.64 0.00	54.64 2.90 0.00	70.86 4.08 0.00	85.09 4.02 0.00	69.10 2.51 0.00	79.17 2.25 0.00	65.86 1.47 0.00	59.00 1.43 0.00	53.56 1.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.24 1.44 0.00	52.39 1.88 0.00	51.99 2.01 0.00	45.48 1.92 0.00	42.17 1.93 0.00	40.68 1.90 0.00	41.88 1.98 0.00	45.80 1.89 0.00	53.22 1.84 0.00	50.13 1.74 0.00	54.19 1.62 -1.83	66.01 1.69 -17.31	77.09 1.80 -22.68	66.21 2.21 -1.12	68.12 2.51 0.00	60.29 2.64 0.00	54.64 2.90 0.00	70.86 4.08 0.00	85.09 4.02 0.00	69.10 2.51 0.00	79.17 2.25 0.00	65.86 1.47 0.00	59.00 1.43 0.00	53.56 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.44 1.63 0.00	52.50 2.00 0.00	52.11 2.14 0.00	45.55 1.99 0.00	42.21 1.97 0.00	40.72 1.94 0.00	41.91 2.01 0.00	45.83 1.92 0.00	53.32 1.94 0.00	50.19 1.80 0.00	52.43 1.69 0.00	48.77 1.76 0.00	54.58 1.97 0.00	65.35 2.47 0.00	68.46 2.86 0.00	60.51 2.87 0.00	54.90 3.16 0.00	71.32 4.54 0.00	85.74 4.68 0.00	69.71 3.12 0.00	79.93 3.02 0.00	66.36 1.97 0.00	59.35 1.78 0.00	53.77 1.68 0.00
POLETTI_____ 23519	51.28 1.47 0.00	52.42 1.91 0.00	52.01 2.03 0.00	45.55 1.98 0.00	42.25 2.01 0.00	40.73 1.95 0.00	41.97 2.07 0.00	45.89 1.98 0.00	53.26 1.88 0.00	50.22 1.83 0.00	54.20 1.65 -1.82	65.90 1.73 -17.16	76.91 1.82 -22.48	66.21 2.22 -1.11	68.10 2.50 0.00	60.30 2.66 0.00	54.68 2.94 0.00	70.82 4.04 0.00	84.97 3.90 0.00	68.97 2.38 0.00	78.96 2.04 0.00	65.67 1.28 0.00	58.93 1.36 0.00	53.57 1.47 0.00
POMONA___ESR 323819	51.25 1.45 0.00	52.31 1.81 0.00	51.90 1.92 0.00	45.38 1.81 0.00	42.09 1.85 0.00	40.56 1.78 0.00	41.78 1.87 0.00	45.65 1.75 0.00	53.07 1.69 0.00	50.03 1.64 0.00	54.00 1.56 -1.70	64.75 1.70 -16.04	75.55 1.91 -21.02	66.29 2.37 -1.04	68.27 2.67 0.00	60.46 2.81 0.00	54.75 3.02 0.00	71.00 4.22 0.00	85.25 4.18 0.00	69.23 2.63 0.00	79.29 2.37 0.00	65.96 1.57 0.00	59.10 1.53 0.00	53.63 1.53 0.00
PORT_JEFF_3 23555	39.23 0.54 11.11	52.33 1.83 0.00	52.23 2.25 0.00	45.74 2.18 0.00	42.33 2.09 0.00	40.75 1.97 0.00	42.14 2.23 0.00	46.10 2.20 0.00	53.08 1.70 0.00	49.73 1.34 0.00	54.69 2.14 -1.82	66.39 2.22 -17.16	76.50 1.61 -22.28	64.69 1.23 -0.58	64.42 1.49 2.67	28.33 1.33 30.64	31.05 1.66 22.35	26.15 2.47 43.10	30.06 2.32 53.32	26.75 1.32 41.17	32.25 0.88 45.55	29.32 0.33 35.39	30.75 0.42 27.24	53.34 1.25 0.00
PORT_JEFF_4 23616	39.23 0.54 11.11	52.33 1.83 0.00	52.23 2.25 0.00	45.74 2.18 0.00	42.33 2.09 0.00	40.75 1.97 0.00	42.14 2.23 0.00	46.10 2.20 0.00	53.08 1.70 0.00	49.73 1.34 0.00	54.69 2.14 -1.82	66.39 2.22 -17.16	76.50 1.61 -22.28	64.69 1.23 -0.58	64.42 1.49 2.67	28.33 1.33 30.64	31.05 1.66 22.35	26.15 2.47 43.10	30.06 2.32 53.32	26.75 1.32 41.17	32.25 0.88 45.55	29.32 0.33 35.39	30.75 0.42 27.24	53.34 1.25 0.00

PORT_JEFF_IC 23713	39.36 0.62 11.06	52.39 1.89 0.00	52.28 2.31 0.00	45.79 2.23 0.00	42.38 2.13 0.00	40.79 2.00 0.00	42.18 2.28 0.00	46.17 2.26 0.00	53.15 1.77 0.00	49.83 1.44 0.00	54.80 2.24 -1.82	66.52 2.36 -17.16	76.66 1.76 -22.28	64.76 1.47 -0.41	64.41 1.77 2.97	28.41 1.35 30.58	31.21 1.73 22.26	26.47 2.61 42.93	30.41 2.44 53.10	26.96 1.37 41.00	32.77 1.22 45.37	29.68 0.54 35.25	31.01 0.57 27.13	53.43 1.33 0.00
PPL PILGRIM_ST_GT1 24216	39.90 0.98 10.88	52.83 2.33 0.00	52.75 2.77 0.00	46.18 2.61 0.00	42.74 2.50 0.00	41.14 2.36 0.00	42.54 2.64 0.00	46.53 2.63 0.00	53.51 2.14 0.00	50.08 1.69 0.00	55.11 2.56 -1.82	66.80 2.62 -17.16	76.98 2.08 -22.29	65.05 1.71 -0.45	64.71 1.97 2.86	29.54 1.98 30.08	32.18 2.31 21.88	27.77 3.19 42.20	31.91 3.05 52.20	28.08 1.82 40.34	33.74 1.46 44.64	30.67 0.97 34.68	31.76 0.88 26.69	53.83 1.74 0.00
PPL PILGRIM_ST_GT2 24217	39.90 0.98 10.88	52.83 2.33 0.00	52.75 2.77 0.00	46.18 2.61 0.00	42.74 2.50 0.00	41.14 2.36 0.00	42.54 2.64 0.00	46.53 2.63 0.00	53.51 2.14 0.00	50.08 1.69 0.00	55.11 2.56 -1.82	66.80 2.62 -17.16	76.98 2.08 -22.29	65.05 1.71 -0.45	64.71 1.97 2.86	29.54 1.98 30.08	32.18 2.31 21.88	27.77 3.19 42.20	31.91 3.05 52.20	28.08 1.82 40.34	33.74 1.46 44.64	30.67 0.97 34.68	31.76 0.88 26.69	53.83 1.74 0.00
PPL_SHRM_GT3 24213	39.02 0.30 11.09	52.04 1.53 0.00	51.89 1.92 0.00	45.44 1.88 0.00	42.05 1.81 0.00	40.47 1.69 0.00	41.87 1.97 0.00	45.85 1.94 0.00	52.81 1.43 0.00	49.54 1.15 0.00	54.44 1.89 -1.82	66.17 1.99 -17.16	76.25 1.36 -22.28	64.48 1.06 -0.54	64.27 1.40 2.74	28.47 1.42 30.60	31.24 1.81 22.31	26.42 2.66 43.02	30.80 2.96 53.22	27.40 1.90 41.09	32.81 1.36 45.47	29.30 0.24 35.33	30.58 0.19 27.19	53.06 0.96 0.00
PPL_SHRM_GT4 24214	39.02 0.30 11.09	52.04 1.53 0.00	51.89 1.92 0.00	45.44 1.88 0.00	42.05 1.81 0.00	40.47 1.69 0.00	41.87 1.97 0.00	45.85 1.94 0.00	52.81 1.43 0.00	49.54 1.15 0.00	54.44 1.89 -1.82	66.17 1.99 -17.16	76.25 1.36 -22.28	64.48 1.06 -0.54	64.27 1.40 2.74	28.47 1.42 30.60	31.24 1.81 22.31	26.42 2.66 43.02	30.80 2.96 53.22	27.40 1.90 41.09	32.81 1.36 45.47	29.30 0.24 35.33	30.58 0.19 27.19	53.06 0.96 0.00
PROJECT___ORANGE 1 24174	49.91 -0.25 -0.36	50.47 -0.24 -0.20	49.84 -0.33 -0.20	43.25 -0.35 -0.03	39.95 -0.30 0.00	38.48 -0.30 0.00	39.56 -0.34 0.00	43.45 -0.50 -0.04	51.10 -0.49 -0.21	48.09 -0.35 -0.05	50.59 -0.20 -0.06	46.83 -0.18 0.00	52.65 -0.01 -0.05	63.02 0.03 -0.11	65.82 0.14 -0.08	57.82 0.18 0.00	52.12 0.38 0.00	67.84 1.00 -0.06	83.09 1.18 -0.84	67.85 0.90 -0.36	77.91 0.86 -0.13	65.00 0.53 -0.08	57.97 0.32 -0.08	52.27 0.13 -0.04
PROJECT___ORANGE 2 24166	49.91 -0.25 -0.36	50.47 -0.24 -0.20	49.84 -0.33 -0.20	43.25 -0.35 -0.03	39.95 -0.30 0.00	38.48 -0.30 0.00	39.56 -0.34 0.00	43.45 -0.50 -0.04	51.10 -0.49 -0.21	48.09 -0.35 -0.05	50.59 -0.20 -0.06	46.83 -0.18 0.00	52.65 -0.01 -0.05	63.02 0.03 -0.11	65.82 0.14 -0.08	57.82 0.18 0.00	52.12 0.38 0.00	67.84 1.00 -0.06	83.09 1.18 -0.84	67.85 0.90 -0.36	77.91 0.86 -0.13	65.00 0.53 -0.08	57.97 0.32 -0.08	52.27 0.13 -0.04
PUCKETT___SOLAR 323809	50.78 0.97 0.00	51.77 1.27 0.00	51.14 1.17 0.00	44.54 0.98 0.00	41.19 0.94 0.00	39.69 0.91 0.00	40.80 0.89 0.00	44.62 0.71 0.00	52.20 0.82 0.00	49.05 0.66 0.00	51.72 0.99 0.00	47.94 0.93 0.00	53.91 1.30 0.00	64.42 1.54 0.00	67.39 1.79 0.00	59.06 1.42 0.00	53.15 1.40 0.00	69.50 2.71 0.00	84.05 2.98 0.00	69.01 2.41 0.00	79.53 2.62 0.00	66.36 1.97 0.00	59.02 1.45 0.00	53.21 1.12 0.00
PYRITES___HYD 24023	51.98 2.18 0.00	52.16 1.66 0.00	51.31 1.33 0.00	44.50 0.94 0.00	40.92 0.69 0.00	39.43 0.65 0.00	40.56 0.66 0.00	44.80 0.89 0.00	52.42 1.05 0.00	49.33 0.94 0.00	51.79 1.06 0.00	47.81 0.80 0.00	53.43 0.82 0.00	63.75 0.87 0.00	66.45 0.85 0.00	58.22 0.58 0.00	52.16 0.42 0.00	65.76 -1.02 0.00	81.71 0.64 0.00	68.22 1.63 0.00	80.06 3.15 0.00	67.75 3.36 0.00	60.39 2.82 0.00	54.58 2.48 0.00
QUAKERRD_115KV_BK1 80622	49.73 -0.07 0.00	50.24 -0.27 0.00	49.40 -0.57 0.00	42.84 -0.73 0.00	39.54 -0.70 0.00	38.08 -0.70 0.00	39.14 -0.76 0.00	42.80 -1.11 0.00	50.48 -0.90 0.00	48.01 -0.38 0.00	50.87 0.13 0.00	47.20 0.19 0.00	53.26 0.64 0.00	63.64 0.76 0.00	66.41 0.81 0.00	58.21 0.57 0.00	52.50 0.76 0.00	68.49 1.71 0.00	83.32 2.26 0.00	68.11 1.52 0.00	78.36 1.44 0.00	65.72 1.33 0.00	58.65 1.08 0.00	52.89 0.79 0.00
QUENSBRY_115KV_TB8 356137	52.52 2.71 0.00	53.52 3.02 0.00	53.05 3.08 0.00	46.22 2.66 0.00	42.82 2.58 0.00	41.32 2.54 0.00	42.33 2.43 0.00	46.21 2.30 0.00	54.00 2.63 0.00	50.63 2.24 1.57	50.83 1.67 14.84	33.51 1.34 19.44	34.70 1.53 0.96	64.08 2.16 0.00	68.29 2.68 0.00	60.17 2.53 0.00	54.86 3.12 0.00	72.34 5.56 0.00	87.53 6.46 0.00	71.30 4.70 0.00	82.32 5.40 0.00	67.84 3.45 0.00	60.61 3.04 0.00	54.69 2.59 0.00
RAMAPO___LBMP 323565	50.99 1.19 0.00	52.04 1.54 0.00	51.63 1.65 0.00	45.14 1.58 0.00	41.87 1.63 0.00	40.37 1.58 0.00	41.57 1.67 0.00	45.43 1.52 0.00	52.79 1.41 0.00	49.75 1.36 -1.67	53.66 1.25 -15.77	64.18 1.40 -20.67	74.85 1.56 -1.02	65.86 1.96 0.00	67.83 2.22 0.00	60.05 2.41 0.00	54.38 2.64 0.00	70.53 3.75 0.00	84.70 3.63 0.00	68.81 2.22 0.00	78.82 1.90 0.00	65.61 1.22 0.00	58.80 1.23 0.00	53.34 1.24 0.00
RANKINE____ 23646	51.11 1.30 0.00	51.44 0.94 0.00	50.36 0.38 0.00	43.44 -0.12 0.00	40.13 -0.12 0.00	38.67 -0.11 0.00	39.65 -0.25 0.00	43.10 -0.81 0.00	51.14 -0.23 0.00	49.13 0.74 0.00	52.65 1.91 0.00	48.70 1.69 0.00	55.16 2.54 0.00	65.57 2.69 0.00	68.06 2.46 0.00	59.30 1.66 0.00	53.44 1.70 0.00	69.94 3.16 0.00	85.07 4.01 0.00	69.56 2.96 0.00	80.10 3.18 0.00	67.56 3.17 0.00	60.41 2.84 0.00	54.44 2.34 0.00
RAVENSWOOD_GT2_1 24244	51.37 1.57 0.00	52.53 2.02 0.00	52.14 2.16 0.00	45.64 2.07 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.98 2.07 0.00	53.37 1.99 0.00	50.31 1.92 0.00	54.31 1.76 -1.82	66.01 1.84 -17.16	77.03 1.93 -22.48	66.33 2.34 -1.11	68.23 2.63 0.00	60.41 2.76 0.00	54.78 3.04 0.00	70.96 4.17 0.00	85.16 4.09 0.00	69.11 2.52 0.00	79.14 2.23 0.00	65.82 1.43 0.00	59.04 1.48 0.00	53.67 1.58 0.00
RAVENSWOOD_GT2_2 24245	51.37 1.57 0.00	52.53 2.02 0.00	52.14 2.16 0.00	45.64 2.07 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.98 2.07 0.00	53.37 1.99 0.00	50.31 1.92 0.00	54.31 1.76 -1.82	66.01 1.84 -17.16	77.03 1.93 -22.48	66.33 2.34 -1.11	68.23 2.63 0.00	60.41 2.76 0.00	54.78 3.04 0.00	70.96 4.17 0.00	85.16 4.09 0.00	69.11 2.52 0.00	79.14 2.23 0.00	65.82 1.43 0.00	59.04 1.48 0.00	53.67 1.58 0.00

RAVENSWOOD_GT2_3 24246	51.40 1.60 0.00	52.56 2.05 0.00	52.16 2.18 0.00	45.67 2.11 0.00	42.37 2.13 0.00	40.84 2.06 0.00	42.09 2.18 0.00	46.02 2.11 0.00	53.41 2.03 0.00	50.35 1.96 0.00	54.35 1.80 -1.82	66.04 1.87 -17.16	77.07 1.97 -22.48	66.39 2.40 -1.11	68.28 2.68 0.00	60.44 2.80 0.00	54.81 3.07 0.00	70.98 4.20 0.00	85.19 4.12 0.00	69.17 2.57 0.00	79.18 2.27 0.00	65.86 1.47 0.00	59.10 1.53 0.00	53.70 1.61 0.00
RAVENSWOOD_GT2_4 24247	51.40 1.60 0.00	52.56 2.05 0.00	52.16 2.18 0.00	45.67 2.11 0.00	42.37 2.13 0.00	40.84 2.06 0.00	42.09 2.18 0.00	46.02 2.11 0.00	53.41 2.03 0.00	50.35 1.96 0.00	54.35 1.80 -1.82	66.04 1.87 -17.16	77.07 1.97 -22.48	66.39 2.40 -1.11	68.28 2.68 0.00	60.44 2.80 0.00	54.81 3.07 0.00	70.98 4.20 0.00	85.19 4.12 0.00	69.17 2.57 0.00	79.18 2.27 0.00	65.86 1.47 0.00	59.10 1.53 0.00	53.70 1.61 0.00
RAVENSWOOD_GT3_1 24248	51.38 1.58 0.00	52.53 2.02 0.00	52.14 2.16 0.00	45.64 2.07 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.98 2.07 0.00	53.37 1.99 0.00	50.31 1.92 0.00	54.31 1.76 -1.82	66.01 1.84 -17.16	77.04 1.94 -22.48	66.33 2.34 -1.11	68.23 2.63 0.00	60.41 2.77 0.00	54.78 3.04 0.00	70.96 4.17 0.00	85.16 4.09 0.00	69.12 2.52 0.00	79.14 2.23 0.00	65.82 1.43 0.00	59.04 1.48 0.00	53.67 1.58 0.00
RAVENSWOOD_GT3_2 24249	51.38 1.58 0.00	52.53 2.02 0.00	52.14 2.16 0.00	45.64 2.07 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.98 2.07 0.00	53.37 1.99 0.00	50.31 1.92 0.00	54.31 1.76 -1.82	66.01 1.84 -17.16	77.04 1.94 -22.48	66.33 2.34 -1.11	68.23 2.63 0.00	60.41 2.77 0.00	54.78 3.04 0.00	70.96 4.17 0.00	85.16 4.09 0.00	69.12 2.52 0.00	79.14 2.23 0.00	65.82 1.43 0.00	59.04 1.48 0.00	53.67 1.58 0.00
RAVENSWOOD_GT3_3 24250	51.49 1.68 0.00	52.63 2.13 0.00	52.24 2.27 0.00	45.72 2.16 0.00	42.41 2.17 0.00	40.89 2.11 0.00	42.14 2.23 0.00	46.08 2.17 0.00	53.49 2.11 0.00	50.42 2.03 0.00	54.43 1.88 -1.82	66.13 1.96 -17.16	77.16 2.06 -22.48	66.49 2.50 -1.11	68.40 2.80 0.00	60.55 2.91 0.00	54.91 3.17 0.00	71.11 4.33 0.00	85.34 4.28 0.00	69.28 2.68 0.00	79.31 2.39 0.00	65.96 1.57 0.00	59.17 1.60 0.00	53.79 1.69 0.00
RAVENSWOOD_GT3_4 24251	51.49 1.68 0.00	52.63 2.13 0.00	52.24 2.27 0.00	45.72 2.16 0.00	42.41 2.17 0.00	40.89 2.11 0.00	42.14 2.23 0.00	46.08 2.17 0.00	53.49 2.11 0.00	50.42 2.03 0.00	54.43 1.88 -1.82	66.13 1.96 -17.16	77.16 2.06 -22.48	66.49 2.50 -1.11	68.40 2.80 0.00	60.55 2.91 0.00	54.91 3.17 0.00	71.11 4.33 0.00	85.34 4.28 0.00	69.28 2.68 0.00	79.31 2.39 0.00	65.96 1.57 0.00	59.17 1.60 0.00	53.79 1.69 0.00
RAVENSWOOD_GT_1 23729	51.36 1.56 0.00	52.56 2.05 0.00	52.16 2.18 0.00	45.71 2.14 0.00	42.42 2.17 0.00	40.89 2.11 0.00	42.14 2.23 0.00	46.04 2.13 0.00	53.42 2.04 0.00	50.35 1.96 0.00	54.26 1.71 -1.82	65.96 1.79 -17.16	76.95 1.86 -22.48	66.21 2.22 -1.11	68.10 2.50 0.00	60.31 2.67 0.00	54.71 2.97 0.00	70.81 4.03 0.00	84.95 3.88 0.00	68.94 2.34 0.00	78.89 1.97 0.00	65.62 1.24 0.00	58.93 1.36 0.00	53.62 1.53 0.00
RAVENSWOOD_GT_10 24258	51.39 1.58 0.00	52.54 2.03 0.00	52.14 2.16 0.00	45.64 2.08 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.99 2.08 0.00	53.38 2.00 0.00	50.32 1.93 0.00	54.32 1.77 -1.82	66.02 1.86 -17.16	77.05 1.95 -22.48	66.36 2.37 -1.11	68.24 2.64 0.00	60.43 2.78 0.00	54.78 3.04 0.00	70.96 4.18 0.00	85.18 4.12 0.00	69.15 2.55 0.00	79.16 2.24 0.00	65.83 1.44 0.00	59.05 1.48 0.00	53.69 1.59 0.00
RAVENSWOOD_GT_11 24259	51.39 1.58 0.00	52.54 2.03 0.00	52.14 2.16 0.00	45.64 2.08 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.99 2.08 0.00	53.38 2.00 0.00	50.32 1.93 0.00	54.32 1.77 -1.82	66.02 1.86 -17.16	77.05 1.95 -22.48	66.36 2.37 -1.11	68.24 2.64 0.00	60.43 2.78 0.00	54.78 3.04 0.00	70.96 4.18 0.00	85.18 4.12 0.00	69.15 2.55 0.00	79.16 2.24 0.00	65.83 1.44 0.00	59.05 1.48 0.00	53.69 1.59 0.00
RAVENSWOOD_GT_4 24252	51.42 1.62 0.00	52.56 2.05 0.00	52.15 2.18 0.00	45.65 2.08 0.00	42.35 2.11 0.00	40.83 2.04 0.00	42.06 2.16 0.00	46.00 2.09 0.00	53.40 2.03 0.00	50.34 1.95 0.00	54.36 1.81 -1.82	66.07 1.90 -17.16	77.09 2.00 -22.48	66.41 2.42 -1.11	68.31 2.71 0.00	60.46 2.82 0.00	54.82 3.08 0.00	71.02 4.24 0.00	85.26 4.19 0.00	69.22 2.62 0.00	79.23 2.32 0.00	65.89 1.50 0.00	59.10 1.53 0.00	53.73 1.63 0.00
RAVENSWOOD_GT_5 24254	51.42 1.62 0.00	52.56 2.05 0.00	52.15 2.18 0.00	45.65 2.08 0.00	42.35 2.11 0.00	40.83 2.04 0.00	42.06 2.16 0.00	46.00 2.09 0.00	53.40 2.03 0.00	50.34 1.95 0.00	54.36 1.81 -1.82	66.07 1.90 -17.16	77.09 2.00 -22.48	66.41 2.42 -1.11	68.31 2.71 0.00	60.46 2.82 0.00	54.82 3.08 0.00	71.02 4.24 0.00	85.26 4.19 0.00	69.22 2.62 0.00	79.23 2.32 0.00	65.89 1.50 0.00	59.10 1.53 0.00	53.73 1.63 0.00
RAVENSWOOD_GT_6 24253	51.42 1.62 0.00	52.56 2.05 0.00	52.15 2.18 0.00	45.65 2.08 0.00	42.35 2.11 0.00	40.83 2.04 0.00	42.06 2.16 0.00	46.00 2.09 0.00	53.40 2.03 0.00	50.34 1.95 0.00	54.36 1.81 -1.82	66.07 1.90 -17.16	77.09 2.00 -22.48	66.41 2.42 -1.11	68.31 2.71 0.00	60.46 2.82 0.00	54.82 3.08 0.00	71.02 4.24 0.00	85.26 4.19 0.00	69.22 2.62 0.00	79.23 2.32 0.00	65.89 1.50 0.00	59.10 1.53 0.00	53.73 1.63 0.00
RAVENSWOOD_GT_7 24255	51.42 1.62 0.00	52.56 2.05 0.00	52.15 2.18 0.00	45.65 2.08 0.00	42.35 2.11 0.00	40.83 2.04 0.00	42.06 2.16 0.00	46.00 2.09 0.00	53.40 2.03 0.00	50.34 1.95 0.00	54.36 1.81 -1.82	66.07 1.90 -17.16	77.09 2.00 -22.48	66.41 2.42 -1.11	68.31 2.71 0.00	60.46 2.82 0.00	54.82 3.08 0.00	71.02 4.24 0.00	85.26 4.19 0.00	69.22 2.62 0.00	79.23 2.32 0.00	65.89 1.50 0.00	59.10 1.53 0.00	53.73 1.63 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.39 1.58 0.00	52.54 2.03 0.00	52.14 2.16 0.00	45.64 2.08 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.99 2.08 0.00	53.38 2.00 0.00	50.32 1.93 0.00	54.32 1.77 -1.82	66.02 1.86 -17.16	77.05 1.95 -22.48	66.36 2.37 -1.11	68.24 2.64 0.00	60.43 2.78 0.00	54.78 3.04 0.00	70.96 4.18 0.00	85.18 4.12 0.00	69.15 2.55 0.00	79.16 2.24 0.00	65.83 1.44 0.00	59.05 1.48 0.00	53.69 1.59 0.00
RAVENSWOOD_GT_9 24257	51.39 1.58 0.00	52.54 2.03 0.00	52.14 2.16 0.00	45.64 2.08 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.06 2.15 0.00	45.99 2.08 0.00	53.38 2.00 0.00	50.32 1.93 0.00	54.32 1.77 -1.82	66.02 1.86 -17.16	77.05 1.95 -22.48	66.36 2.37 -1.11	68.24 2.64 0.00	60.43 2.78 0.00	54.78 3.04 0.00	70.96 4.18 0.00	85.18 4.12 0.00	69.15 2.55 0.00	79.16 2.24 0.00	65.83 1.44 0.00	59.05 1.48 0.00	53.69 1.59 0.00

RAVENSWOOD___1 23533	51.32 1.52 0.00	52.51 2.01 0.00	52.12 2.15 0.00	45.67 2.10 0.00	42.38 2.14 0.00	40.85 2.07 0.00	42.11 2.21 0.00	46.02 2.11 0.00	53.38 2.00 0.00	50.31 1.92 0.00	54.22 1.67 -1.82	65.93 1.76 -17.16	76.92 1.82 -22.48	66.16 2.17 -1.11	68.06 2.45 0.00	60.27 2.62 0.00	54.67 2.93 0.00	70.74 3.96 0.00	84.88 3.82 0.00	68.88 2.29 0.00	78.84 1.92 0.00	65.58 1.19 0.00	58.90 1.33 0.00	53.58 1.49 0.00
RAVENSWOOD___2 23534	50.91 1.11 0.00	52.29 1.79 0.00	51.95 1.97 0.00	45.56 1.99 0.00	42.29 2.05 0.00	40.77 1.98 0.00	42.01 2.11 0.00	45.91 2.00 0.00	53.19 1.81 0.00	50.06 1.67 0.00	53.79 1.24 -1.82	65.49 1.33 -17.16	76.44 1.34 -22.48	65.60 1.61 -1.11	67.47 1.86 0.00	59.76 2.12 0.00	54.23 2.49 0.00	70.15 3.36 0.00	84.15 3.09 0.00	68.29 1.70 0.00	78.15 1.24 0.00	65.00 0.61 0.00	58.38 0.81 0.00	53.11 1.02 0.00
RAVENSWOOD___3 23535	51.38 1.57 0.00	52.54 2.04 0.00	52.15 2.17 0.00	45.64 2.08 0.00	42.34 2.10 0.00	40.81 2.03 0.00	42.06 2.16 0.00	45.99 2.08 0.00	53.38 2.00 0.00	50.32 1.93 0.00	54.32 1.77 -1.82	66.02 1.85 -17.16	77.05 1.96 -22.48	66.33 2.34 -1.11	68.23 2.63 0.00	60.41 2.77 0.00	54.77 3.03 0.00	70.93 4.15 0.00	85.12 4.05 0.00	69.13 2.53 0.00	79.13 2.22 0.00	65.82 1.43 0.00	59.04 1.47 0.00	53.67 1.58 0.00
RAVENSWOOD___4 23820	51.28 1.47 0.00	52.47 1.96 0.00	52.09 2.11 0.00	45.64 2.07 0.00	42.33 2.10 0.00	40.82 2.03 0.00	42.07 2.17 0.00	45.98 2.08 0.00	53.32 1.95 0.00	50.27 1.88 0.00	54.18 1.63 -1.82	65.88 1.72 -17.16	76.88 1.78 -22.48	66.12 2.14 -1.11	68.01 2.40 0.00	60.23 2.59 0.00	54.63 2.89 0.00	70.70 3.91 0.00	84.83 3.76 0.00	68.84 2.25 0.00	78.78 1.87 0.00	65.54 1.15 0.00	58.85 1.28 0.00	53.53 1.44 0.00
RCPL_TRUST___DRP 24196	51.39 1.58 0.00	52.54 2.04 0.00	52.15 2.17 0.00	45.65 2.09 0.00	42.36 2.12 0.00	40.84 2.05 0.00	42.07 2.17 0.00	46.02 2.11 0.00	53.41 2.04 0.00	50.35 1.96 0.00	54.36 1.81 -1.82	66.04 1.88 -17.15	77.08 1.99 -22.48	66.40 2.41 -1.11	68.29 2.69 0.00	60.45 2.81 0.00	54.82 3.08 0.00	71.01 4.22 0.00	85.21 4.14 0.00	69.17 2.57 0.00	79.19 2.28 0.00	65.86 1.47 0.00	59.08 1.51 0.00	53.69 1.59 0.00
RED___ROCHESTER 323720	51.45 1.65 0.00	51.94 1.44 0.00	51.02 1.05 0.00	44.17 0.61 0.00	40.75 0.51 0.00	39.24 0.46 0.00	40.33 0.42 0.00	44.06 0.15 0.00	52.09 0.71 0.00	49.60 1.21 0.00	52.62 1.88 0.00	48.92 1.91 0.00	55.34 2.73 0.00	66.21 3.33 0.00	69.08 3.48 0.00	60.53 2.89 0.00	54.62 2.88 0.00	71.40 4.61 0.00	86.83 5.76 0.00	70.89 4.29 0.00	81.41 4.49 0.00	68.33 3.95 0.00	60.96 3.39 0.00	54.93 2.83 0.00
REGAN___SOLAR 323812	53.51 3.71 0.00	54.19 3.68 0.00	53.53 3.55 0.00	46.59 3.03 0.00	43.02 2.78 0.00	41.46 2.68 0.00	42.62 2.72 0.00	46.63 2.72 0.00	54.09 2.71 0.00	50.53 2.14 0.00	51.51 1.85 1.07	37.63 0.76 10.13	39.94 0.61 13.28	63.93 1.70 0.65	69.61 4.01 0.00	59.97 2.33 0.00	53.11 1.37 0.00	71.64 4.86 0.00	88.35 7.28 0.00	72.28 5.69 0.00	83.42 6.51 0.00	69.66 5.27 0.00	62.18 4.60 0.00	56.07 3.98 0.00
RENSSELAER___COGEN 23796	49.69 -0.11 0.00	50.72 0.21 0.00	50.46 0.48 0.00	44.14 0.57 0.00	40.87 0.63 0.00	39.47 0.69 0.00	40.57 0.67 0.00	44.39 0.48 0.00	51.74 0.36 0.00	48.54 0.15 0.00	49.15 -0.17 1.41	33.48 -0.20 13.33	34.51 -0.64 17.47	61.21 -0.80 0.86	64.99 -0.61 0.00	57.31 -0.33 0.00	51.80 0.06 0.00	67.26 0.48 0.00	81.24 0.17 0.00	66.32 -0.28 0.00	76.33 -0.59 0.00	63.37 -1.02 0.00	56.73 -0.84 0.00	51.39 -0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.41 5.61 0.00	56.45 5.95 0.00	55.65 5.67 0.00	48.46 4.89 0.00	44.96 4.72 0.00	43.38 4.59 0.00	44.10 4.20 0.00	47.69 3.78 0.00	55.59 4.21 0.00	52.18 3.79 0.00	52.78 3.63 1.59	34.98 3.00 15.04	36.56 3.66 19.71	67.09 5.18 0.97	71.85 6.24 0.00	63.01 5.37 0.00	58.04 6.30 0.00	77.80 11.03 0.00	93.44 12.38 0.00	75.82 9.22 0.00	87.65 10.74 0.00	71.60 7.21 0.00	63.92 6.35 0.00	57.68 5.59 0.00
REVERE_CPPR_DRP 24186	52.29 2.48 0.00	52.95 2.44 0.00	52.20 2.22 0.00	45.47 1.90 0.00	41.97 1.73 0.00	40.41 1.63 0.00	41.56 1.66 0.00	45.58 1.67 0.00	53.24 1.86 0.00	50.19 1.80 0.00	52.83 2.09 0.00	48.97 1.96 0.00	54.98 2.37 0.00	65.95 3.07 0.00	68.93 3.32 0.00	60.24 2.60 0.00	54.37 2.63 0.00	70.69 3.91 0.00	86.46 5.39 0.00	71.32 4.73 0.00	82.32 5.40 0.00	68.64 4.25 0.00	60.97 3.40 0.00	54.71 2.62 0.00
REYNLDPA_13_KV_LD 356490	50.42 0.62 0.00	50.82 0.31 0.00	50.09 0.11 0.00	43.52 -0.04 0.00	40.08 -0.16 0.00	38.59 -0.19 0.00	39.72 -0.18 0.00	44.04 0.13 0.00	51.72 0.34 0.00	48.88 0.49 0.00	51.37 0.64 0.00	47.52 0.51 0.00	53.11 0.50 0.00	63.41 0.53 0.00	65.94 0.34 0.00	57.63 -0.01 0.00	51.32 -0.42 0.00	65.50 -1.28 0.00	80.27 -0.80 0.00	66.35 -0.25 0.00	77.11 0.19 0.00	65.08 0.69 0.00	58.20 0.63 0.00	52.72 0.63 0.00
REYNOLDS_115KV_TB3 80639	50.01 0.20 0.00	51.07 0.56 0.00	50.81 0.83 0.00	44.45 0.88 0.00	41.16 0.92 0.00	39.77 0.99 0.00	40.86 0.96 0.00	44.69 0.78 0.00	52.09 0.71 0.00	48.90 0.51 0.00	49.16 0.13 1.70	31.02 0.11 16.09	31.30 -0.22 21.09	61.58 -0.26 1.04	65.51 -0.10 0.00	57.80 0.15 0.00	52.29 0.55 0.00	67.90 1.12 0.00	81.97 0.90 0.00	66.90 0.31 0.00	77.04 0.12 0.00	63.89 -0.49 0.00	57.24 -0.33 0.00	51.87 -0.22 0.00
RIVERBAY____ 323610	53.15 3.35 0.00	54.32 3.81 0.00	53.87 3.89 0.00	47.17 3.61 0.00	43.81 3.57 0.00	42.27 3.49 0.00	43.59 3.69 0.00	47.62 3.71 0.00	55.19 3.81 0.00	52.08 3.69 0.00	56.12 3.57 -1.82	67.68 3.52 -17.16	78.94 3.85 -22.48	68.66 4.67 -1.11	70.59 4.99 0.00	62.54 4.90 0.00	56.68 4.94 0.00	73.44 6.66 0.00	88.03 6.96 0.00	71.43 4.84 0.00	81.80 4.88 0.00	68.10 3.71 0.00	61.12 3.55 0.00	55.68 3.58 0.00
RIVERSDE_115KV_TB3 55908	50.01 0.20 0.00	51.04 0.53 0.00	50.77 0.80 0.00	44.41 0.84 0.00	41.12 0.88 0.00	39.72 0.94 0.00	40.82 0.92 0.00	44.66 0.75 0.00	52.06 0.68 0.00	48.86 0.47 0.00	49.31 0.13 1.56	32.33 0.10 14.77	32.98 -0.27 19.36	61.57 -0.35 0.95	65.47 -0.14 0.00	57.75 0.11 0.00	52.21 0.47 0.00	67.85 1.06 0.00	81.90 0.83 0.00	66.84 0.24 0.00	76.93 0.01 0.00	63.83 -0.55 0.00	57.15 -0.42 0.00	51.77 -0.33 0.00
ROARING___BROOK_WT_PWR 323790	49.84 0.04 0.00	50.48 -0.03 0.00	49.91 -0.07 0.00	43.36 -0.20 0.00	40.03 -0.22 0.00	38.52 -0.26 0.00	39.69 -0.21 0.00	43.77 -0.13 0.00	51.35 -0.02 0.00	48.39 0.00 0.00	50.76 0.03 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.77 -0.11 0.00	65.44 -0.16 0.00	57.43 -0.21 0.00	51.51 -0.23 0.00	66.42 -0.36 0.00	80.77 -0.30 0.00	66.42 -0.18 0.00	76.78 -0.14 0.00	64.09 -0.30 0.00	57.11 -0.45 0.00	51.50 -0.59 0.00

ROCHESRG_115KV_T4 355643	50.68 0.88 0.00	51.18 0.67 0.00	50.30 0.32 0.00	43.57 0.01 0.00	40.22 -0.02 0.00	38.73 -0.06 0.00	39.79 -0.11 0.00	43.47 -0.44 0.00	51.31 -0.06 0.00	48.88 0.49 0.00	51.87 1.14 0.00	48.10 1.09 0.00	54.34 1.72 0.00	64.89 2.00 0.00	67.64 2.04 0.00	59.22 1.58 0.00	53.39 1.65 0.00	69.70 2.91 0.00	84.77 3.70 0.00	69.27 2.68 0.00	79.65 2.73 0.00	66.93 2.54 0.00	59.77 2.20 0.00	53.93 1.84 0.00
ROCHESTER_9_IC 23652	51.09 1.29 0.00	51.57 1.06 0.00	50.66 0.69 0.00	43.88 0.31 0.00	40.50 0.26 0.00	39.00 0.21 0.00	40.07 0.17 0.00	43.77 -0.13 0.00	51.71 0.33 0.00	49.26 0.87 0.00	52.26 1.53 0.00	48.51 1.50 0.00	54.86 2.24 0.00	65.55 2.67 0.00	68.36 2.76 0.00	59.86 2.22 0.00	54.01 2.27 0.00	70.53 3.75 0.00	85.78 4.71 0.00	70.07 3.48 0.00	80.52 3.61 0.00	67.63 3.25 0.00	60.36 2.80 0.00	54.43 2.34 0.00
ROCKVIEW_13_KV_LD 356306	51.57 1.77 0.00	52.70 2.20 0.00	52.30 2.32 0.00	45.75 2.19 0.00	42.42 2.17 0.00	40.89 2.11 0.00	42.12 2.21 0.00	46.07 2.16 0.00	53.48 2.10 0.00	50.43 2.04 0.00	54.52 1.97 -1.82	66.22 2.06 -17.16	77.27 2.17 -22.48	66.69 2.70 -1.11	68.58 2.98 0.00	60.74 3.09 0.00	55.04 3.30 0.00	71.34 4.56 0.00	85.67 4.60 0.00	69.57 2.97 0.00	79.68 2.76 0.00	66.25 1.86 0.00	59.37 1.80 0.00	53.93 1.83 0.00
ROME____115KV_TB2 80656	52.29 2.48 0.00	52.95 2.44 0.00	52.20 2.22 0.00	45.47 1.90 0.00	41.97 1.73 0.00	40.41 1.63 0.00	41.56 1.66 0.00	45.58 1.67 0.00	53.24 1.86 0.00	50.19 1.80 0.00	52.83 2.09 0.00	48.97 1.96 0.00	54.98 2.37 0.00	65.95 3.07 0.00	68.93 3.32 0.00	60.24 2.60 0.00	54.37 2.63 0.00	70.69 3.91 0.00	86.46 5.39 0.00	71.32 4.73 0.00	82.32 5.40 0.00	68.64 4.25 0.00	60.97 3.40 0.00	54.71 2.62 0.00
ROSETON___1 23587	50.69 0.89 0.00	51.84 1.33 0.00	51.48 1.50 0.00	45.03 1.46 0.00	41.73 1.49 0.00	40.26 1.48 0.00	41.43 1.53 0.00	45.30 1.40 0.00	52.66 1.28 0.00	49.54 1.15 0.00	53.38 0.97 -1.67	63.87 1.05 -15.80	74.43 1.11 -20.71	65.27 1.37 -1.02	67.23 1.63 0.00	59.45 1.81 0.00	53.86 2.12 0.00	69.81 3.03 0.00	83.96 2.89 0.00	68.31 1.71 0.00	78.35 1.43 0.00	65.15 0.76 0.00	58.36 0.79 0.00	52.97 0.87 0.00
ROSETON___2 23588	50.69 0.89 0.00	51.84 1.33 0.00	51.48 1.50 0.00	45.03 1.46 0.00	41.73 1.49 0.00	40.26 1.48 0.00	41.43 1.53 0.00	45.30 1.40 0.00	52.66 1.28 0.00	49.54 1.15 0.00	53.38 0.97 -1.67	63.87 1.05 -15.80	74.43 1.11 -20.71	65.27 1.37 -1.02	67.23 1.63 0.00	59.45 1.81 0.00	53.86 2.12 0.00	69.81 3.03 0.00	83.96 2.89 0.00	68.31 1.71 0.00	78.35 1.43 0.00	65.15 0.76 0.00	58.36 0.79 0.00	52.97 0.87 0.00
ROTRDAM_115KV_TB3 80664	50.80 1.00 0.00	51.75 1.25 0.00	51.38 1.40 0.00	44.87 1.30 0.00	41.49 1.25 0.00	40.04 1.25 0.00	41.16 1.26 0.00	45.08 1.17 0.00	52.57 1.20 0.00	49.32 0.93 0.00	50.27 0.75 1.22	36.14 0.61 11.49	38.15 0.59 15.05	62.89 0.75 0.74	66.72 1.12 0.00	58.77 1.13 0.00	52.99 1.25 0.00	69.01 2.23 0.00	83.60 2.54 0.00	68.33 1.74 0.00	78.73 1.82 0.00	65.50 1.11 0.00	58.63 1.06 0.00	53.06 0.97 0.00
RUSSELL___1 23602	51.45 1.65 0.00	51.93 1.43 0.00	51.01 1.03 0.00	44.17 0.60 0.00	40.75 0.51 0.00	39.24 0.46 0.00	40.33 0.42 0.00	44.06 0.15 0.00	52.07 0.69 0.00	49.60 1.21 0.00	52.63 1.89 0.00	48.92 1.91 0.00	55.36 2.74 0.00	66.21 3.33 0.00	69.08 3.48 0.00	60.53 2.89 0.00	54.61 2.87 0.00	71.36 4.58 0.00	86.79 5.73 0.00	70.87 4.28 0.00	81.39 4.48 0.00	68.33 3.94 0.00	60.96 3.39 0.00	54.93 2.83 0.00
RUSSELL___2 23532	51.45 1.65 0.00	51.93 1.43 0.00	51.01 1.03 0.00	44.17 0.60 0.00	40.75 0.51 0.00	39.24 0.46 0.00	40.33 0.42 0.00	44.06 0.15 0.00	52.07 0.69 0.00	49.60 1.21 0.00	52.63 1.89 0.00	48.92 1.91 0.00	55.36 2.74 0.00	66.21 3.33 0.00	69.08 3.48 0.00	60.53 2.89 0.00	54.61 2.87 0.00	71.36 4.58 0.00	86.79 5.73 0.00	70.87 4.28 0.00	81.39 4.48 0.00	68.33 3.94 0.00	60.96 3.39 0.00	54.93 2.83 0.00
RUSSELL___3 23549	51.45 1.65 0.00	51.93 1.43 0.00	51.01 1.03 0.00	44.17 0.60 0.00	40.75 0.51 0.00	39.24 0.46 0.00	40.33 0.42 0.00	44.06 0.15 0.00	52.07 0.69 0.00	49.60 1.21 0.00	52.63 1.89 0.00	48.92 1.91 0.00	55.36 2.74 0.00	66.21 3.33 0.00	69.08 3.48 0.00	60.53 2.89 0.00	54.61 2.87 0.00	71.36 4.58 0.00	86.79 5.73 0.00	70.87 4.28 0.00	81.39 4.48 0.00	68.33 3.94 0.00	60.96 3.39 0.00	54.93 2.83 0.00
RUSSELL___4 23556	51.45 1.65 0.00	51.93 1.43 0.00	51.01 1.03 0.00	44.17 0.60 0.00	40.75 0.51 0.00	39.24 0.46 0.00	40.33 0.42 0.00	44.06 0.15 0.00	52.07 0.69 0.00	49.60 1.21 0.00	52.63 1.89 0.00	48.92 1.91 0.00	55.36 2.74 0.00	66.21 3.33 0.00	69.08 3.48 0.00	60.53 2.89 0.00	54.61 2.87 0.00	71.36 4.58 0.00	86.79 5.73 0.00	70.87 4.28 0.00	81.39 4.48 0.00	68.33 3.94 0.00	60.96 3.39 0.00	54.93 2.83 0.00
RUSSELL___STATION 23914	51.45 1.65 0.00	51.93 1.43 0.00	51.01 1.03 0.00	44.17 0.60 0.00	40.75 0.51 0.00	39.24 0.46 0.00	40.33 0.42 0.00	44.06 0.15 0.00	52.07 0.69 0.00	49.60 1.21 0.00	52.63 1.89 0.00	48.92 1.91 0.00	55.36 2.74 0.00	66.21 3.33 0.00	69.08 3.48 0.00	60.53 2.89 0.00	54.61 2.87 0.00	71.36 4.58 0.00	86.79 5.73 0.00	70.87 4.28 0.00	81.39 4.48 0.00	68.33 3.94 0.00	60.96 3.39 0.00	54.93 2.83 0.00
S SALMON___HYD 24043	52.93 0.72 -2.40	52.51 0.62 -1.39	51.72 0.42 -1.33	44.05 0.27 -0.22	40.43 0.18 0.00	38.99 0.21 0.00	40.08 0.18 0.00	44.20 0.03 -0.26	52.88 0.07 -1.44	48.92 0.16 -0.37	51.35 0.24 -0.38	47.13 0.11 0.00	53.13 0.21 -0.31	64.05 0.42 -0.75	66.51 0.36 -0.54	57.98 0.34 0.00	52.36 0.62 0.00	68.46 1.27 -0.40	88.84 2.10 -5.68	70.99 1.98 -2.40	80.27 2.48 -0.88	66.71 1.80 -0.53	59.48 1.36 -0.55	53.19 0.84 -0.26
S.PERRY__115KV_TB1 80734	52.91 3.11 0.00	53.22 2.71 0.00	52.14 2.16 0.00	45.09 1.52 0.00	41.64 1.40 0.00	40.05 1.27 0.00	41.24 1.33 0.00	45.16 1.25 0.00	53.36 1.98 0.00	50.59 2.20 0.00	52.97 2.23 0.00	48.70 1.69 0.00	54.22 1.61 0.00	64.23 1.35 0.00	67.14 1.53 0.00	58.79 1.15 0.00	53.34 1.60 0.00	69.61 2.83 0.00	85.33 4.27 0.00	70.84 4.25 0.00	81.59 4.67 0.00	68.50 4.11 0.00	60.89 3.32 0.00	55.97 3.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.70 0.90 0.00	51.08 0.57 0.00	50.02 0.05 0.00	43.19 -0.37 0.00	39.86 -0.38 0.00	38.38 -0.40 0.00	39.36 -0.54 0.00	42.78 -1.13 0.00	50.75 -0.63 0.00	48.74 0.35 0.00	52.23 1.50 0.00	48.30 1.29 0.00	54.70 2.09 0.00	65.00 2.12 0.00	67.42 1.81 0.00	58.71 1.07 0.00	52.89 1.14 0.00	69.21 2.43 0.00	84.18 3.12 0.00	68.74 2.14 0.00	79.17 2.25 0.00	66.86 2.48 0.00	59.90 2.33 0.00	54.06 1.97 0.00

SAWYER___23_KV_LOAD 55526	50.70	51.08	50.02	43.19	39.86	38.38	39.36	42.78	50.75	48.74	52.23	48.30	54.70	65.00	67.42	58.71	52.89	69.21	84.18	68.74	79.17	66.86	59.90	54.06
	0.90	0.57	0.05	-0.37	-0.38	-0.40	-0.54	-1.13	-0.63	0.35	1.50	1.29	2.09	2.12	1.81	1.07	1.14	2.43	3.12	2.14	2.25	2.48	2.33	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___I 23801	49.13	50.16	49.92	43.68	40.44	39.04	40.15	43.94	51.21	47.98	49.09	38.00	40.68	60.89	64.41	56.60	51.07	66.50	80.44	65.75	75.71	62.91	56.32	51.03
	-0.67	-0.34	-0.06	0.11	0.20	0.26	0.25	0.03	-0.17	-0.41	-0.78	-0.80	-1.17	-1.46	-1.19	-1.04	-0.67	-0.28	-0.62	-0.84	-1.21	-1.48	-1.25	-1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	8.21	10.76	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	49.41	50.43	50.18	43.92	40.68	39.28	40.39	44.18	51.49	48.30	49.33	36.93	39.21	61.41	64.93	57.21	51.67	67.07	81.03	66.18	76.14	63.26	56.64	51.29
	-0.39	-0.08	0.20	0.36	0.44	0.49	0.48	0.28	0.12	-0.09	-0.38	-0.37	-0.69	-0.84	-0.67	-0.43	-0.07	0.28	-0.04	-0.41	-0.77	-1.13	-0.93	-0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	9.70	12.72	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	52.92	52.07	51.38	43.28	39.68	38.23	39.32	43.55	52.79	48.28	50.74	46.43	52.54	63.42	65.86	57.21	51.56	67.64	90.11	70.51	78.38	65.14	58.23	52.21
	-0.59	-0.58	-0.64	-0.62	-0.56	-0.55	-0.59	-0.76	-0.81	-0.68	-0.57	-0.58	-0.56	-0.62	-0.58	-0.43	-0.18	0.23	0.29	0.21	0.11	-0.07	-0.19	-0.28
	-3.71	-2.14	-2.05	-0.34	0.00	0.00	0.00	-0.41	-2.22	-0.57	-0.58	0.00	-0.48	-1.16	-0.84	0.00	0.00	-0.62	-8.75	-3.70	-1.35	-0.82	-0.85	-0.40
SENECA___115KV_TB3 355854	51.21	51.54	50.46	43.53	40.20	38.74	39.72	43.18	51.23	49.22	52.77	48.80	55.27	65.74	68.21	59.45	53.58	70.12	85.30	69.74	80.28	67.71	60.55	54.57
	1.41	1.04	0.48	-0.04	-0.04	-0.05	-0.18	-0.73	-0.14	0.83	2.03	1.79	2.66	2.86	2.61	1.80	1.84	3.34	4.23	3.14	3.36	3.32	2.98	2.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA___ENERGY 23797	51.52	51.66	50.80	43.82	40.44	38.93	40.03	44.00	52.12	49.00	51.67	47.79	53.77	64.37	67.23	58.94	53.24	69.65	86.99	70.50	80.33	66.98	59.64	53.60
	0.68	0.56	0.25	0.16	0.20	0.14	0.13	-0.02	0.12	0.45	0.77	0.78	1.02	1.17	1.40	1.30	1.50	2.69	3.48	2.87	3.03	2.36	1.83	1.40
	-1.03	-0.60	-0.57	-0.09	0.00	0.00	0.00	-0.11	-0.62	-0.16	-0.16	0.00	-0.13	-0.32	-0.23	0.00	0.00	-0.17	-2.44	-1.03	-0.38	-0.23	-0.24	-0.11
SHOEMAKER___GT 23640	50.88	51.94	51.51	45.02	41.72	40.23	41.41	45.29	52.68	49.55	53.28	62.36	72.52	65.37	67.37	59.68	53.96	70.02	84.32	68.67	78.85	65.63	58.76	53.25
	1.08	1.43	1.53	1.45	1.48	1.45	1.51	1.39	1.31	1.16	1.04	1.13	1.26	1.57	1.76	2.04	2.22	3.23	3.25	2.07	1.94	1.25	1.19	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.51	-14.23	-18.65	-0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	50.85	51.89	51.48	45.00	41.69	40.21	41.39	45.27	52.66	49.53	53.26	62.20	72.30	65.37	67.39	59.66	53.97	70.00	84.27	68.64	78.77	65.57	58.71	53.21
	1.04	1.38	1.50	1.43	1.45	1.43	1.49	1.36	1.28	1.14	1.03	1.12	1.26	1.58	1.79	2.02	2.23	3.22	3.20	2.04	1.85	1.18	1.14	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.49	-14.06	-18.43	-0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	39.02	52.04	51.89	45.44	42.05	40.47	41.87	45.85	52.81	49.54	54.44	66.17	76.25	64.48	64.27	28.47	31.24	26.42	30.80	27.40	32.81	29.30	30.58	53.06
	0.30	1.53	1.92	1.88	1.81	1.69	1.97	1.94	1.43	1.15	1.89	1.99	1.36	1.06	1.40	1.42	1.81	2.66	2.96	1.90	1.36	0.24	0.19	0.96
	11.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-17.16	-22.28	-0.54	2.74	30.60	22.31	43.02	53.22	41.09	45.47	35.33	27.19	0.00
SHOREHAM_IC_2 23716	39.03	52.04	51.90	45.44	42.05	40.47	41.87	45.84	52.82	49.54	54.44	66.18	76.25	64.48	64.28	28.47	31.29	26.55	30.90	27.43	32.84	29.33	30.61	53.06
	0.31	1.53	1.92	1.88	1.81	1.69	1.97	1.93	1.45	1.15	1.89	2.01	1.35	1.06	1.41	1.43	1.85	2.78	3.06	1.92	1.40	0.27	0.23	0.96
	11.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	-17.16	-22.28	-0.54	2.74	30.60	22.31	43.02	53.22	41.09	45.47	35.33	27.19	0.00
SISSONVILLE____ 23735	50.95	51.16	50.35	43.70	40.18	38.72	39.85	44.11	51.81	48.99	51.54	47.62	53.26	63.49	66.07	57.73	51.56	65.09	80.86	67.09	78.27	66.02	58.86	53.25
	1.14	0.66	0.38	0.14	-0.06	-0.07	-0.06	0.20	0.43	0.60	0.80	0.61	0.64	0.61	0.46	0.09	-0.18	-1.69	-0.21	0.50	1.36	1.63	1.29	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	35.55	41.72	41.44	41.15	39.14	37.72	38.79	41.13	42.10	45.04	47.39	45.80	49.70	57.32	61.17	56.34	50.73	63.62	49.26	52.59	70.87	60.33	53.46	49.58
	-1.30	-1.31	-1.36	-1.22	-1.10	-1.06	-1.12	-1.36	-1.52	-1.35	-1.30	-1.21	-1.25	-1.50	-1.50	-1.30	-1.01	-0.98	-1.19	-1.05	-1.31	-1.21	-1.13	-1.12
	12.96	7.48	7.17	1.19	0.00	0.00	0.00	1.42	7.76	2.01	2.04	0.00	1.66	4.06	2.94	0.00	0.00	2.18	30.61	12.96	4.74	2.85	2.98	1.40
SITHE_IND_GS2 24170	35.55	41.72	41.44	41.15	39.14	37.72	38.79	41.13	42.10	45.04	47.39	45.80	49.70	57.32	61.17	56.34	50.73	63.62	49.26	52.59	70.87	60.33	53.46	49.58
	-1.30	-1.31	-1.36	-1.22	-1.10	-1.06	-1.12	-1.36	-1.52	-1.35	-1.30	-1.21	-1.25	-1.50	-1.50	-1.30	-1.01	-0.98	-1.19	-1.05	-1.31	-1.21	-1.13	-1.12
	12.96	7.48	7.17	1.19	0.00	0.00	0.00	1.42	7.76	2.01	2.04	0.00	1.66	4.06	2.94	0.00	0.00	2.18	30.61	12.96	4.74	2.85	2.98	1.40
SITHE_IND_GS3 24171	35.55	41.72	41.44	41.15	39.14	37.72	38.79	41.13	42.10	45.04	47.39	45.80	49.70	57.32	61.17	56.34	50.73	63.62	49.26	52.59	70.87	60.33	53.46	49.58
	-1.30	-1.31	-1.36	-1.22	-1.10	-1.06	-1.12	-1.36	-1.52	-1.35	-1.30	-1.21	-1.25	-1.50	-1.50	-1.30	-1.01	-0.98	-1.19	-1.05	-1.31	-1.21	-1.13	-1.12
	12.96	7.48	7.17	1.19	0.00	0.00	0.00	1.42	7.76	2.01	2.04	0.00	1.66	4.06	2.94	0.00	0.00	2.18	30.61	12.96	4.74	2.85	2.98	1.40
SITHE_IND_GS4 24172	35.55	41.72	41.44	41.15	39.14	37.72	38.79	41.13	42.10	45.04	47.39	45.80	49.70	57.32	61.17	56.34	50.73	63.62	49.26	52.59	70.87	60.33	53.46	49.58
	-1.30	-1.31	-1.36	-1.22	-1.10	-1.06	-1.12	-1.36	-1.52	-1.35	-1.30	-1.21	-1.25	-1.50	-1.50	-1.30	-1.01	-0.98	-1.19	-1.05	-1.31	-1.21	-1.13	-1.12
	12.96	7.48	7.17	1.19	0.00	0.00	0.00	1.42	7.76	2.01	2.04	0.00	1.66	4.06	2.94	0.00	0.00	2.18	30.61	12.96	4.74	2.85	2.98	1.40

SITHE___BATAVIA 24024	52.12 2.31 0.00	52.42 1.91 0.00	51.34 1.36 0.00	44.32 0.76 0.00	40.90 0.66 0.00	39.39 0.61 0.00	40.42 0.52 0.00	44.03 0.12 0.00	52.18 0.80 0.00	49.80 1.42 0.00	52.91 2.17 0.00	48.95 1.94 0.00	55.52 2.91 0.00	66.36 3.48 0.00	68.89 3.29 0.00	60.22 2.58 0.00	54.42 2.68 0.00	71.36 4.58 0.00	87.27 6.21 0.00	333.18 4.56 -262.02	82.05 5.14 0.00	69.21 4.83 0.00	61.81 4.24 0.00	55.65 3.55 0.00
SITHE___INDEPEND 23800	35.55 -1.30 12.96	41.73 -1.30 7.48	41.44 -1.37 7.17	41.15 -1.22 1.19	39.14 -1.10 0.00	37.72 -1.06 0.00	38.78 -1.12 0.00	41.13 -1.36 1.42	42.10 -1.52 7.76	45.03 -1.35 2.01	47.39 -1.30 2.04	45.80 -1.21 0.00	49.71 -1.25 1.66	57.32 -1.50 4.06	61.17 -1.50 2.94	56.34 -1.30 0.00	50.73 -1.01 0.00	63.62 -0.99 2.18	49.26 -1.20 30.61	52.59 -1.05 12.96	70.87 -1.31 4.74	60.33 -1.20 2.85	53.46 -1.13 2.98	49.58 -1.12 1.40
SITHE___MASSENA 23902	50.54 0.74 0.00	50.87 0.36 0.00	50.13 0.16 0.00	43.54 -0.02 0.00	40.09 -0.15 0.00	38.61 -0.17 0.00	39.73 -0.17 0.00	44.04 0.13 0.00	51.77 0.39 0.00	48.93 0.54 0.00	51.43 0.69 0.00	47.57 0.56 0.00	53.19 0.57 0.00	63.40 0.52 0.00	65.97 0.37 0.00	57.69 0.05 0.00	51.43 -0.31 0.00	65.05 -1.73 0.00	80.35 -0.71 0.00	66.49 -0.11 0.00	77.32 0.41 0.00	65.25 0.87 0.00	58.32 0.75 0.00	52.89 0.80 0.00
SITHE___OGDNSBRG 24021	51.81 2.01 0.00	52.02 1.51 0.00	51.18 1.21 0.00	44.41 0.84 0.00	40.84 0.60 0.00	39.35 0.56 0.00	40.47 0.57 0.00	44.70 0.79 0.00	52.29 0.91 0.00	49.27 0.88 0.00	51.75 1.01 0.00	47.81 0.80 0.00	53.42 0.80 0.00	63.73 0.85 0.00	66.45 0.85 0.00	58.14 0.50 0.00	52.07 0.32 0.00	65.74 -1.04 0.00	81.54 0.48 0.00	67.99 1.40 0.00	79.71 2.79 0.00	67.46 3.07 0.00	60.16 2.59 0.00	54.42 2.32 0.00
SITHE___STERLING 23777	51.56 1.75 0.00	52.26 1.75 0.00	51.56 1.58 0.00	44.93 1.36 0.00	41.50 1.25 0.00	39.96 1.18 0.00	41.11 1.21 0.00	45.06 1.15 0.00	52.62 1.24 0.00	49.63 1.25 0.00	52.22 1.49 0.00	48.45 1.44 0.00	54.36 1.74 0.00	65.10 2.22 0.00	68.06 2.46 0.00	59.61 1.96 0.00	53.75 2.01 0.00	69.91 3.12 0.00	85.19 4.13 0.00	70.20 3.60 0.00	81.02 4.11 0.00	67.55 3.16 0.00	60.09 2.52 0.00	54.03 1.93 0.00
SLEIGHT__34_KV_TB1 80719	51.10 0.77 -0.52	51.41 0.60 -0.30	50.51 0.24 -0.29	43.62 0.01 -0.05	40.24 0.00 0.00	38.77 -0.01 0.00	39.85 -0.05 0.00	43.65 -0.32 -0.06	51.72 0.03 -0.31	48.87 0.40 -0.08	51.70 0.88 -0.08	47.86 0.85 0.00	53.93 1.25 -0.07	64.53 1.48 -0.17	67.31 1.59 -0.12	59.01 1.37 0.00	53.24 1.50 0.00	69.57 2.70 -0.09	86.04 3.73 -1.24	69.93 2.81 -0.52	80.23 3.12 -0.19	67.16 2.65 -0.12	59.86 2.17 -0.12	53.86 1.71 -0.06
SMITHTWN_69_KV_BK 1 55830	39.60 0.82 11.03	52.63 2.12 0.00	52.52 2.54 0.00	45.99 2.43 0.00	42.56 2.32 0.00	40.95 2.17 0.00	42.36 2.46 0.00	46.36 2.44 0.00	53.39 2.02 0.00	50.05 1.67 -1.82	55.09 2.54 -17.16	66.83 2.66 -22.28	77.04 2.14 -0.02	64.87 1.97 3.67	64.25 2.32 30.64	29.07 2.06 22.19	31.94 2.38 42.79	27.40 3.41 52.94	31.47 3.34 40.87	27.74 2.02 45.23	33.43 1.74 35.14	30.18 0.93 27.04	31.38 0.85 27.04	53.70 1.61 0.00
SOUTH CAIRO___GT 23612	51.84 2.03 0.00	52.70 2.19 0.00	52.32 2.34 0.00	45.70 2.13 0.00	42.29 2.05 0.00	40.85 2.06 0.00	42.04 2.13 0.00	46.06 2.16 0.00	53.75 2.37 0.00	50.42 2.03 0.00	51.79 1.66 0.60	42.76 1.40 5.65	46.48 1.27 7.40	64.27 1.76 0.36	68.07 2.46 0.00	59.43 1.79 0.00	53.55 1.80 0.00	70.83 4.05 0.00	86.10 5.03 0.00	70.16 3.56 0.00	80.58 3.66 0.00	66.86 2.47 0.00	59.65 2.09 0.00	53.81 1.72 0.00
SOUTH HAMPTN___IC 23720	40.16 1.46 11.10	53.19 2.68 0.00	52.99 3.01 0.00	46.36 2.80 0.00	42.91 2.66 0.00	41.28 2.50 0.00	42.73 2.82 0.00	46.80 2.89 0.00	54.05 2.67 0.00	50.81 2.42 0.00	55.87 3.32 -1.82	67.44 3.27 -17.16	77.65 2.76 -22.28	66.15 2.69 -0.59	66.01 3.05 2.64	29.93 2.92 30.63	32.61 3.21 22.34	28.24 4.55 43.09	32.88 5.12 53.30	29.03 3.59 41.15	34.65 3.27 45.54	30.88 1.87 35.38	31.99 1.65 27.23	54.31 2.22 0.00
SOUTHDOWN_115KV_TB1 355954	52.62 2.82 0.00	52.57 2.06 0.00	51.28 1.30 0.00	44.53 0.96 0.00	41.34 1.10 0.00	39.95 1.17 0.00	40.91 1.01 0.00	44.32 0.42 0.00	52.62 1.25 0.00	50.80 2.41 0.00	54.45 3.72 0.00	50.36 3.34 0.00	56.64 4.03 0.00	67.30 4.42 0.00	69.75 4.15 0.00	60.88 3.23 0.00	55.15 3.42 0.00	72.47 5.70 0.00	87.96 6.89 0.00	71.94 5.34 0.00	82.72 5.81 0.00	69.76 5.38 0.00	62.27 4.70 0.00	55.80 3.70 0.00
SOUTHOLD_69_KV_BK 2 55809	41.53 2.83 11.10	54.50 3.99 0.00	54.25 4.28 0.00	47.45 3.89 0.00	43.90 3.66 0.00	42.22 3.43 0.00	43.71 3.81 0.00	47.92 4.01 0.00	55.51 4.14 0.00	52.30 3.91 0.00	57.51 4.96 -1.82	68.84 4.67 -17.16	79.09 4.19 -22.28	67.83 4.36 -0.59	67.78 4.83 2.65	31.58 4.56 30.63	34.18 4.79 22.34	30.46 6.77 43.08	35.49 7.73 53.30	31.04 5.60 41.15	36.89 5.51 45.53	32.82 3.81 35.38	33.72 3.38 27.23	55.78 3.68 0.00
SOUTHOLD___IC 23719	41.50 2.80 11.10	54.50 4.00 0.00	54.25 4.28 0.00	47.45 3.89 0.00	43.90 3.66 0.00	42.22 3.43 0.00	43.71 3.81 0.00	47.93 4.02 0.00	55.51 4.13 0.00	52.30 3.91 0.00	57.51 4.96 -1.82	68.84 4.66 -17.16	79.10 4.20 -22.28	67.84 4.37 -0.59	67.77 4.81 2.65	31.57 4.55 30.63	34.15 4.76 22.34	30.35 6.65 43.08	35.37 7.61 53.30	31.01 5.57 41.15	36.85 5.47 45.53	32.77 3.76 35.38	33.69 3.35 27.23	55.78 3.68 0.00
SOUTH_FORK_WT_PWR 323839	41.71 3.01 11.10	54.73 4.23 0.00	54.50 4.52 0.00	47.65 4.08 0.00	44.09 3.85 0.00	42.40 3.62 0.00	43.91 4.00 0.00	48.15 4.24 0.00	55.78 4.40 0.00	52.57 4.19 0.00	57.80 5.25 -1.82	69.03 4.86 -17.16	79.19 4.29 -22.28	67.92 4.45 -0.59	67.79 4.83 2.65	31.65 4.63 30.63	34.25 4.85 22.34	30.46 6.76 43.08	35.50 7.73 53.30	31.10 5.66 41.15	36.95 5.57 45.54	32.97 3.96 35.38	33.93 3.59 27.23	55.99 3.89 0.00
SPIERFLS_115KV_TB 1 80737	52.13 2.33 0.00	53.13 2.63 0.00	52.70 2.72 0.00	45.92 2.36 0.00	42.53 2.29 0.00	41.04 2.26 0.00	42.08 2.18 0.00	45.99 2.07 0.00	53.75 2.37 0.00	50.35 1.96 0.00	50.53 1.34 1.55	33.39 1.05 14.67	34.54 1.15 19.23	63.57 1.63 0.95	67.75 2.14 0.00	59.72 2.08 0.00	54.36 2.62 0.00	71.54 4.75 0.00	86.73 5.66 0.00	70.70 4.11 0.00	81.63 4.72 0.00	67.39 3.00 0.00	60.22 2.65 0.00	54.34 2.25 0.00
ST LAWRENCE____ 23600	49.83 0.03 0.00	50.26 -0.25 0.00	49.56 -0.41 0.00	43.07 -0.50 0.00	39.65 -0.59 0.00	38.21 -0.58 0.00	39.32 -0.58 0.00	43.59 -0.32 0.00	51.18 -0.20 0.00	48.36 -0.03 0.00	50.79 0.06 0.00	47.00 -0.01 0.00	52.56 -0.06 0.00	62.78 -0.11 0.00	65.29 -0.31 0.00	57.10 -0.54 0.00	50.85 -0.89 0.00	64.97 -1.81 0.00	79.47 -1.59 0.00	65.66 -0.94 0.00	76.22 -0.69 0.00	64.30 -0.09 0.00	57.51 -0.06 0.00	52.09 0.00 0.00

STATE_CA_115KV_115_LB 55624	50.23 0.43 0.00	51.24 0.73 0.00	50.95 0.97 0.00	44.54 0.97 0.00	41.24 1.00 0.00	39.82 1.04 0.00	40.94 1.03 0.00	44.79 0.88 0.00	52.23 0.86 0.00	49.02 0.63 1.45	49.63 0.35 13.73	33.59 0.31 17.99	34.53 -0.10 17.99	61.82 -0.17 0.89	65.72 0.11 0.00	57.94 0.30 0.00	52.38 0.64 0.00	68.11 1.33 0.00	82.20 1.14 0.00	67.08 0.49 0.00	77.20 0.28 0.00	64.07 -0.32 0.00	57.34 -0.23 0.00	51.92 -0.17 0.00
STATE_ST_34_KV_LOAD 55959	51.71 0.76 -1.15	51.94 0.78 -0.66	51.01 0.40 -0.64	44.07 0.40 -0.10	40.69 0.45 0.00	39.18 0.39 0.00	40.27 0.37 0.00	44.13 0.09 -0.13	52.47 0.40 -0.69	49.07 0.50 -0.18	51.61 0.69 -0.18	47.61 0.60 0.00	53.61 0.85 -0.15	64.17 0.93 -0.36	66.94 1.08 -0.26	58.66 1.02 0.00	52.92 1.18 0.00	68.99 2.02 -0.19	86.58 2.80 -2.72	70.25 2.50 -1.15	80.18 2.84 -0.42	66.93 2.29 -0.25	59.64 1.80 -0.26	53.59 1.37 -0.12
STATION_5_MISC_HYD 23604	51.09 1.29 0.00	51.58 1.07 0.00	50.67 0.70 0.00	43.88 0.32 0.00	40.50 0.26 0.00	39.00 0.21 0.00	40.07 0.17 0.00	43.77 -0.14 0.00	51.72 0.35 0.00	49.26 0.87 0.00	52.25 1.52 0.00	48.52 1.51 0.00	54.84 2.23 0.00	65.55 2.68 0.00	68.37 2.76 0.00	59.86 2.22 0.00	54.02 2.28 0.00	70.54 3.77 0.00	85.83 4.76 0.00	70.08 3.49 0.00	80.54 3.62 0.00	67.64 3.26 0.00	60.37 2.80 0.00	54.43 2.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.22 0.92 -0.49	51.54 0.74 -0.28	50.66 0.42 -0.27	43.80 0.18 -0.05	40.42 0.17 0.00	38.91 0.12 0.00	40.01 0.11 0.00	43.84 -0.12 -0.06	51.86 0.18 -0.30	49.07 0.61 -0.08	51.90 1.09 -0.08	48.05 1.04 0.00	54.20 1.53 -0.06	64.81 1.78 -0.16	67.67 1.95 -0.11	59.31 1.67 0.00	53.57 1.83 0.00	70.03 3.16 -0.08	86.28 4.05 -1.17	70.20 3.11 -0.49	80.40 3.30 -0.18	67.29 2.79 -0.11	59.97 2.29 -0.11	53.97 1.82 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.77 0.97 0.00	51.25 0.74 0.00	50.36 0.38 0.00	43.62 0.06 0.00	40.26 0.02 0.00	38.77 -0.01 0.00	39.84 -0.06 0.00	43.55 -0.35 0.00	51.41 0.04 0.00	48.96 0.58 0.00	51.95 1.21 0.00	48.22 1.21 0.00	54.49 1.88 0.00	65.16 2.27 0.00	67.98 2.38 0.00	59.57 1.93 0.00	53.74 2.00 0.00	70.16 3.39 0.00	85.35 4.28 0.00	69.72 3.12 0.00	80.12 3.21 0.00	67.25 2.86 0.00	60.00 2.43 0.00	54.08 1.99 0.00
STA_56___34_KV_BUS2 355983	50.77 0.97 0.00	51.25 0.74 0.00	50.36 0.38 0.00	43.62 0.06 0.00	40.26 0.02 0.00	38.77 -0.01 0.00	39.84 -0.06 0.00	43.55 -0.35 0.00	51.41 0.04 0.00	48.96 0.58 0.00	51.95 1.21 0.00	48.22 1.21 0.00	54.49 1.88 0.00	65.16 2.27 0.00	67.98 2.38 0.00	59.57 1.93 0.00	53.74 2.00 0.00	70.16 3.39 0.00	85.35 4.28 0.00	69.72 3.12 0.00	80.12 3.21 0.00	67.25 2.86 0.00	60.00 2.43 0.00	54.08 1.99 0.00
STA_67___115KV_BK2 355882	50.92 1.12 0.00	51.42 0.91 0.00	50.52 0.54 0.00	43.75 0.19 0.00	40.38 0.14 0.00	38.89 0.11 0.00	39.96 0.06 0.00	43.65 -0.26 0.00	51.55 0.18 0.00	49.11 0.72 0.00	52.11 1.37 0.00	48.34 1.33 0.00	54.64 2.02 0.00	65.28 2.40 0.00	68.07 2.46 0.00	59.59 1.95 0.00	53.75 2.01 0.00	70.19 3.41 0.00	85.37 4.30 0.00	69.75 3.15 0.00	80.18 3.26 0.00	67.35 2.96 0.00	60.13 2.56 0.00	54.23 2.13 0.00
STA_7___115KV_9TRANS 80674	51.45 1.65 0.00	51.93 1.43 0.00	51.01 1.03 0.00	44.17 0.60 0.00	40.75 0.51 0.00	39.24 0.46 0.00	40.33 0.42 0.00	44.06 0.15 0.00	52.07 0.69 0.00	49.60 1.21 0.00	52.63 1.89 0.00	48.92 1.91 0.00	55.36 2.74 0.00	66.21 3.33 0.00	69.08 3.48 0.00	60.53 2.89 0.00	54.61 2.87 0.00	71.36 4.58 0.00	86.79 5.73 0.00	70.87 4.28 0.00	81.39 4.48 0.00	68.33 3.94 0.00	60.96 3.39 0.00	54.93 2.83 0.00
STA_82___115KV_TB1 80780	50.94 1.14 0.00	51.42 0.92 0.00	50.53 0.56 0.00	43.77 0.21 0.00	40.40 0.15 0.00	38.90 0.11 0.00	39.97 0.07 0.00	43.66 -0.25 0.00	51.57 0.19 0.00	49.12 0.73 0.00	52.11 1.37 0.00	48.34 1.33 0.00	54.64 2.02 0.00	65.28 2.40 0.00	68.08 2.48 0.00	59.61 1.97 0.00	53.76 2.02 0.00	70.20 3.41 0.00	85.42 4.36 0.00	69.79 3.19 0.00	80.21 3.29 0.00	67.38 3.00 0.00	60.15 2.57 0.00	54.26 2.17 0.00
STEEL___WIND 323596	51.15 1.34 0.00	51.49 0.98 0.00	50.40 0.43 0.00	43.45 -0.12 0.00	40.13 -0.12 0.00	38.69 -0.09 0.00	39.67 -0.23 0.00	43.12 -0.78 0.00	51.18 -0.20 0.00	49.17 0.78 0.00	52.66 1.93 0.00	48.72 1.71 0.00	55.15 2.54 0.00	65.62 2.74 0.00	68.08 2.47 0.00	59.36 1.72 0.00	53.49 1.75 0.00	70.00 3.22 0.00	85.19 4.13 0.00	69.67 3.07 0.00	80.18 3.27 0.00	67.63 3.24 0.00	60.43 2.86 0.00	54.46 2.36 0.00
STEPHTWN_115KV_BK_2 55603	50.14 0.33 0.00	51.18 0.67 0.00	50.91 0.93 0.00	44.49 0.92 0.00	41.19 0.95 0.00	39.82 1.03 0.00	40.93 1.02 0.00	44.77 0.86 0.00	52.34 0.96 0.00	49.05 0.67 1.41	49.75 0.42 13.33	34.02 0.34 17.47	35.16 0.02 17.47	62.07 0.05 0.86	65.97 0.37 0.00	58.02 0.38 0.00	52.48 0.74 0.00	68.33 1.55 0.00	82.55 1.48 0.00	67.30 0.70 0.00	77.38 0.47 0.00	64.13 -0.26 0.00	57.38 -0.19 0.00	51.90 -0.19 0.00
STEUBEN_REC_LFGE 323667	51.26 1.45 0.00	51.60 1.09 0.00	50.47 0.49 0.00	43.74 0.17 0.00	40.48 0.24 0.00	38.84 0.05 0.00	40.18 0.27 0.00	44.05 0.15 0.00	52.17 0.80 0.00	49.81 1.42 0.00	52.62 1.88 0.00	48.52 1.51 0.00	54.56 1.95 0.00	64.88 1.99 0.00	67.55 1.95 0.00	59.11 1.47 0.00	53.50 1.77 0.00	70.13 3.34 0.00	85.74 4.67 0.00	70.67 4.08 0.00	81.36 4.45 0.00	67.73 3.34 0.00	59.97 2.40 0.00	53.81 1.72 0.00
STILLWATER___SOLAR 323814	51.76 1.96 0.00	52.78 2.27 0.00	52.41 2.43 0.00	45.73 2.16 0.00	42.33 2.09 0.00	40.88 2.09 0.00	41.97 2.07 0.00	45.89 1.98 0.00	53.62 2.24 0.00	50.30 1.91 0.00	50.51 1.50 1.72	31.91 1.17 16.27	32.56 1.26 21.32	63.47 1.64 1.05	67.60 2.00 0.00	59.66 2.02 0.00	54.10 2.36 0.00	70.74 3.96 0.00	85.65 4.58 0.00	69.90 3.30 0.00	80.62 3.70 0.00	66.76 2.37 0.00	59.72 2.15 0.00	53.99 1.90 0.00
STONY___BROOK 24151	39.46 0.71 11.05	52.50 2.00 0.00	52.39 2.41 0.00	45.88 2.31 0.00	42.45 2.21 0.00	40.86 2.08 0.00	42.26 2.36 0.00	46.25 2.35 0.00	53.26 1.88 0.00	49.95 1.56 0.00	54.95 2.40 -1.82	66.68 2.51 -17.16	76.86 1.96 -22.28	64.92 1.73 -0.31	64.50 2.04 3.14	28.76 1.71 30.59	31.52 2.02 22.23	26.82 2.91 42.88	30.83 2.81 53.04	27.32 1.68 40.95	33.05 1.45 45.32	29.89 0.71 35.21	31.16 0.69 27.10	53.57 1.48 0.00
STURGEON_POOL_HYD 23609	51.22 1.41 0.00	52.32 1.82 0.00	51.95 1.97 0.00	45.42 1.86 0.00	42.09 1.85 0.00	40.60 1.82 0.00	41.79 1.88 0.00	45.71 1.81 0.00	53.15 1.77 0.00	49.98 1.59 0.00	53.13 1.48 -0.91	57.30 1.70 -8.59	65.84 1.97 -11.26	65.93 2.50 -0.55	68.23 2.63 0.00	60.38 2.74 0.00	54.76 3.02 0.00	70.96 4.17 0.00	85.33 4.27 0.00	69.38 2.79 0.00	79.55 2.64 0.00	66.13 1.74 0.00	59.19 1.62 0.00	53.67 1.58 0.00

ST_LAW_115_BK7_LBMP 345037	49.87 0.07 0.00	50.26 -0.25 0.00	49.55 -0.42 0.00	43.06 -0.51 0.00	39.65 -0.59 0.00	38.19 -0.59 0.00	39.30 -0.61 0.00	43.58 -0.33 0.00	51.18 -0.19 0.00	48.37 -0.02 0.00	50.81 0.07 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.76 -0.12 0.00	65.28 -0.32 0.00	57.06 -0.58 0.00	50.81 -0.93 0.00	64.80 -1.98 0.00	79.40 -1.67 0.00	65.63 -0.97 0.00	76.23 -0.69 0.00	64.34 -0.05 0.00	57.53 -0.04 0.00	52.13 0.03 0.00
ST_LAW_115_BK8_LBMP 345038	49.87 0.07 0.00	50.26 -0.25 0.00	49.55 -0.42 0.00	43.06 -0.51 0.00	39.65 -0.59 0.00	38.19 -0.59 0.00	39.30 -0.61 0.00	43.58 -0.33 0.00	51.18 -0.19 0.00	48.37 -0.02 0.00	50.81 0.07 0.00	47.01 0.00 0.00	52.57 -0.04 0.00	62.76 -0.12 0.00	65.28 -0.32 0.00	57.06 -0.58 0.00	50.81 -0.93 0.00	64.80 -1.98 0.00	79.40 -1.67 0.00	65.63 -0.97 0.00	76.23 -0.69 0.00	64.34 -0.05 0.00	57.53 -0.04 0.00	52.13 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	49.83 0.03 0.00	50.26 -0.25 0.00	49.56 -0.41 0.00	43.07 -0.50 0.00	39.65 -0.59 0.00	38.21 -0.58 0.00	39.32 -0.58 0.00	43.59 -0.32 0.00	51.18 -0.20 0.00	48.36 -0.03 0.00	50.79 0.06 0.00	47.00 -0.01 0.00	52.56 -0.06 0.00	62.78 -0.11 0.00	65.29 -0.31 0.00	57.10 -0.54 0.00	50.85 -0.89 0.00	64.97 -1.81 0.00	79.47 -1.59 0.00	65.66 -0.94 0.00	76.22 -0.69 0.00	64.30 -0.09 0.00	57.51 -0.06 0.00	52.09 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	49.83 0.03 0.00	50.26 -0.25 0.00	49.56 -0.41 0.00	43.07 -0.50 0.00	39.65 -0.59 0.00	38.21 -0.58 0.00	39.32 -0.58 0.00	43.59 -0.32 0.00	51.18 -0.20 0.00	48.36 -0.03 0.00	50.79 0.06 0.00	47.00 -0.01 0.00	52.56 -0.06 0.00	62.78 -0.11 0.00	65.29 -0.31 0.00	57.10 -0.54 0.00	50.85 -0.89 0.00	64.97 -1.81 0.00	79.47 -1.59 0.00	65.66 -0.94 0.00	76.22 -0.69 0.00	64.30 -0.09 0.00	57.51 -0.06 0.00	52.09 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	51.01 1.21 0.00	52.07 1.56 0.00	51.66 1.68 0.00	45.15 1.59 0.00	41.85 1.61 0.00	40.36 1.58 0.00	41.55 1.64 0.00	45.41 1.50 0.00	52.82 1.44 0.00	49.74 1.35 0.00	53.56 1.26 -1.57	63.17 1.38 -14.78	73.56 1.57 -19.38	65.84 2.01 -0.96	67.84 2.24 0.00	60.03 2.39 0.00	54.38 2.64 0.00	70.51 3.73 0.00	84.75 3.69 0.00	68.91 2.32 0.00	78.99 2.07 0.00	65.74 1.35 0.00	58.85 1.28 0.00	53.36 1.27 0.00
SWANROAD_115KV_TB1 355699	50.12 0.32 0.00	50.46 -0.05 0.00	49.43 -0.55 0.00	42.65 -0.91 0.00	39.34 -0.90 0.00	37.89 -0.89 0.00	38.81 -1.10 0.00	42.14 -1.77 0.00	50.01 -1.37 0.00	47.98 -0.41 0.00	51.43 0.70 0.00	47.52 0.51 0.00	53.89 1.27 0.00	63.95 1.07 0.00	66.20 0.60 0.00	57.63 -0.02 0.00	51.90 0.16 0.00	67.77 0.99 0.00	82.33 1.27 0.00	67.18 0.58 0.00	77.41 0.49 0.00	65.54 1.15 0.00	58.83 1.26 0.00	53.19 1.10 0.00
SYNERGY___BIOGAS 323694	52.11 2.31 0.00	52.41 1.90 0.00	51.32 1.35 0.00	44.32 0.76 0.00	40.89 0.65 0.00	39.40 0.61 0.00	40.43 0.52 0.00	44.02 0.11 0.00	52.18 0.80 0.00	49.81 1.42 0.00	52.92 2.19 0.00	48.94 1.93 0.00	55.53 2.92 0.00	66.36 3.48 0.00	68.90 3.29 0.00	60.22 2.57 0.00	54.41 2.67 0.00	71.32 4.54 0.00	87.23 6.16 0.00	333.16 4.54 -262.02	82.03 5.12 0.00	69.21 4.82 0.00	61.82 4.25 0.00	55.65 3.55 0.00
SYRACUSE___ENERGY_ST1 323597	51.06 -0.22 -1.48	51.15 -0.21 -0.86	50.45 -0.34 -0.82	43.37 -0.34 -0.14	39.97 -0.28 0.00	38.49 -0.29 0.00	39.58 -0.33 0.00	43.57 -0.50 -0.16	51.81 -0.45 -0.89	48.28 -0.34 -0.23	50.76 -0.21 -0.23	46.80 -0.21 0.00	52.75 -0.05 -0.19	63.29 -0.06 -0.46	65.99 0.06 -0.34	57.77 0.13 0.00	52.07 0.33 0.00	67.97 0.94 -0.25	85.73 1.17 -3.50	69.01 0.94 -1.48	78.41 0.95 -0.54	65.34 0.62 -0.33	58.36 0.45 -0.34	52.49 0.24 -0.16
SYRACUSE___ENERGY_ST2 323598	51.06 -0.22 -1.48	51.15 -0.21 -0.86	50.45 -0.34 -0.82	43.37 -0.34 -0.14	39.97 -0.28 0.00	38.49 -0.29 0.00	39.58 -0.33 0.00	43.57 -0.50 -0.16	51.81 -0.45 -0.89	48.28 -0.34 -0.23	50.76 -0.21 -0.23	46.80 -0.21 0.00	52.75 -0.05 -0.19	63.29 -0.06 -0.46	65.99 0.06 -0.34	57.77 0.13 0.00	52.07 0.33 0.00	67.97 0.94 -0.25	85.73 1.17 -3.50	69.01 0.94 -1.48	78.41 0.95 -0.54	65.34 0.62 -0.33	58.36 0.45 -0.34	52.49 0.24 -0.16
SYRACUSE___POWER 24017	50.24 -0.03 -0.47	50.76 -0.02 -0.27	50.11 -0.13 -0.26	43.45 -0.16 -0.04	40.13 -0.12 0.00	38.65 -0.14 0.00	39.73 -0.17 0.00	43.66 -0.30 -0.05	51.39 -0.26 -0.28	48.30 -0.17 -0.07	50.80 -0.01 -0.07	46.99 -0.03 0.00	52.84 0.17 -0.06	63.27 0.24 -0.15	66.07 0.36 -0.11	58.05 0.40 0.00	52.32 0.58 0.00	68.15 1.29 -0.08	83.72 1.55 -1.10	68.32 1.25 -0.47	78.38 1.29 -0.17	65.37 0.88 -0.10	58.30 0.62 -0.11	52.52 0.38 -0.05
TALLMAN__138KV_BK151 55660	51.19 1.39 0.00	52.24 1.73 0.00	51.81 1.84 0.00	45.30 1.74 0.00	42.01 1.77 0.00	40.50 1.71 0.00	41.71 1.80 0.00	45.59 1.68 0.00	52.99 1.61 0.00	49.95 1.57 0.00	53.88 1.48 -1.67	64.39 1.62 -15.76	75.10 1.83 -20.65	66.19 2.29 -1.02	68.19 2.59 0.00	60.37 2.73 0.00	54.69 2.95 0.00	70.92 4.13 0.00	85.12 4.06 0.00	69.13 2.53 0.00	79.17 2.26 0.00	65.88 1.49 0.00	59.04 1.47 0.00	53.54 1.45 0.00
TEALLAVE_115KV_TB7 355573	49.98 -0.27 -0.44	50.50 -0.27 -0.25	49.87 -0.35 -0.24	43.24 -0.37 -0.04	39.93 -0.31 0.00	38.46 -0.32 0.00	39.55 -0.35 0.00	43.45 -0.51 -0.05	51.14 -0.50 -0.27	48.08 -0.37 -0.07	50.59 -0.21 -0.07	46.82 -0.19 0.00	52.63 -0.04 -0.06	63.02 0.00 -0.14	65.79 0.09 -0.10	57.79 0.14 0.00	52.08 0.34 0.00	67.81 0.96 -0.07	83.25 1.14 -1.04	67.90 0.86 -0.44	77.91 0.83 -0.16	64.99 0.51 -0.10	57.98 0.31 -0.10	52.25 0.11 -0.05
TELGRAPH_34_KV_EAST 80808	50.97 1.17 0.00	51.31 0.80 0.00	50.26 0.29 0.00	43.40 -0.17 0.00	40.03 -0.21 0.00	38.55 -0.23 0.00	39.52 -0.38 0.00	43.00 -0.91 0.00	51.01 -0.37 0.00	48.81 0.42 0.00	52.20 1.46 0.00	48.27 1.26 0.00	54.76 2.15 0.00	65.14 2.25 0.00	67.55 1.95 0.00	58.88 1.24 0.00	53.12 1.38 0.00	69.51 2.73 0.00	84.58 3.52 0.00	69.01 2.42 0.00	79.59 2.67 0.00	67.26 2.87 0.00	60.24 2.67 0.00	54.35 2.25 0.00
TEMPLE___115KV_TB 2 55572	49.91 -0.25 -0.36	50.47 -0.24 -0.20	49.84 -0.33 -0.20	43.25 -0.35 -0.03	39.95 -0.30 0.00	38.48 -0.30 0.00	39.56 -0.34 0.00	43.45 -0.50 -0.04	51.10 -0.49 -0.21	48.09 -0.35 -0.05	50.59 -0.20 -0.06	46.83 -0.18 0.00	52.65 -0.01 -0.05	63.02 0.03 -0.11	65.82 0.14 -0.08	57.82 0.18 0.00	52.12 0.38 0.00	67.84 1.00 -0.06	83.09 1.18 -0.84	67.85 0.90 -0.36	77.91 0.86 -0.13	65.00 0.53 -0.08	57.97 0.32 -0.08	52.27 0.13 -0.04
TIANA____69_KV_BK 1 55817	39.89 1.19 11.10	52.89 2.38 0.00	52.71 2.73 0.00	46.14 2.57 0.00	42.69 2.45 0.00	41.09 2.30 0.00	42.51 2.61 0.00	46.55 2.64 0.00	53.74 2.36 0.00	50.49 2.10 0.00	55.52 2.97 -1.82	67.14 2.97 -17.16	77.32 2.42 -22.28	65.77 2.30 -0.59	65.66 2.71 2.65	29.62 2.60 30.63	32.33 2.93 22.34	27.92 4.22 43.08	32.47 4.70 53.30	28.65 3.20 41.15	34.24 2.86 45.54	30.55 1.54 35.38	31.67 1.33 27.23	54.00 1.91 0.00

TILDEN___115KV_TB1 80814	50.24 -0.03 -0.47	50.76 -0.02 -0.27	50.11 -0.13 -0.26	43.45 -0.16 -0.04	40.13 -0.12 0.00	38.65 -0.14 0.00	39.73 -0.17 0.00	43.66 -0.30 -0.05	51.39 -0.26 -0.28	48.30 -0.17 -0.07	50.80 -0.01 -0.07	46.99 -0.03 0.00	52.84 0.17 -0.06	63.27 0.24 -0.15	66.07 0.36 -0.11	58.05 0.40 0.00	52.32 0.58 0.00	68.15 1.29 -0.08	83.72 1.55 -1.10	68.32 1.25 -0.47	78.38 1.29 -0.17	65.37 0.88 -0.10	58.30 0.62 -0.11	52.52 0.38 -0.05
TRIGEN___CC 323695	49.24 1.19 1.75	52.66 2.16 0.00	52.36 2.38 0.00	45.81 2.24 0.00	42.43 2.19 0.00	40.87 2.09 0.00	42.18 2.28 0.00	46.12 2.21 0.00	53.31 1.93 0.00	50.10 1.71 0.00	54.67 2.12 -1.82	66.30 2.13 -17.16	76.98 1.88 -22.49	65.96 1.97 -1.11	67.68 2.34 0.27	55.24 2.37 4.77	51.07 2.64 3.31	64.02 3.68 6.44	76.67 3.57 7.97	62.26 2.14 6.47	71.50 1.75 7.16	59.91 1.08 5.56	54.26 0.97 4.28	53.67 1.57 0.00
TRINITY__115KV__4 BK 55933	49.90 0.10 0.00	50.92 0.41 0.00	50.66 0.69 0.00	44.31 0.74 0.00	41.01 0.77 0.00	39.62 0.84 0.00	40.73 0.82 0.00	44.56 0.65 0.00	51.94 0.57 0.00	48.73 0.34 0.00	49.34 0.02 1.42	33.57 -0.01 13.43	34.58 -0.43 17.60	61.46 -0.55 0.87	65.26 -0.34 0.00	57.55 -0.10 0.00	52.04 0.30 0.00	67.60 0.81 0.00	81.60 0.54 0.00	66.61 0.02 0.00	76.68 -0.24 0.00	63.64 -0.75 0.00	56.98 -0.59 0.00	51.61 -0.48 0.00
UNION___PROCESSING_DRP 323587	50.95 1.15 0.00	51.44 0.94 0.00	50.54 0.57 0.00	43.78 0.22 0.00	40.40 0.16 0.00	38.91 0.12 0.00	39.97 0.07 0.00	43.67 -0.24 0.00	51.59 0.21 0.00	49.13 0.74 0.00	52.12 1.38 0.00	48.35 1.34 0.00	54.65 2.03 0.00	65.30 2.42 0.00	68.10 2.50 0.00	59.63 1.99 0.00	53.79 2.05 0.00	70.24 3.46 0.00	85.43 4.36 0.00	69.81 3.22 0.00	80.26 3.34 0.00	67.40 3.02 0.00	60.18 2.61 0.00	54.27 2.17 0.00
UPPER HUDSON___HYD 24058	52.13 2.33 0.00	53.13 2.63 0.00	52.69 2.72 0.00	45.92 2.36 0.00	42.53 2.29 0.00	41.04 2.26 0.00	42.08 2.18 0.00	45.99 2.08 0.00	53.75 2.37 0.00	50.35 1.96 0.00	50.52 1.34 1.55	33.38 1.05 14.67	34.54 1.15 19.23	63.57 1.63 0.95	67.74 2.14 0.00	59.72 2.08 0.00	54.36 2.62 0.00	71.54 4.76 0.00	86.73 5.66 0.00	70.70 4.11 0.00	81.64 4.72 0.00	67.39 3.01 0.00	60.22 2.65 0.00	54.34 2.25 0.00
UPPER RAQUET___HYD 24056	50.95 1.15 0.00	51.16 0.66 0.00	50.35 0.38 0.00	43.70 0.14 0.00	40.18 -0.06 0.00	38.72 -0.07 0.00	39.85 -0.06 0.00	44.11 0.20 0.00	51.81 0.43 0.00	48.99 0.60 0.00	51.54 0.80 0.00	47.62 0.61 0.00	53.26 0.64 0.00	63.49 0.62 0.00	66.07 0.47 0.00	57.74 0.09 0.00	51.56 -0.18 0.00	65.09 -1.69 0.00	80.85 -0.22 0.00	67.10 0.50 0.00	78.27 1.36 0.00	66.02 1.63 0.00	58.86 1.29 0.00	53.25 1.16 0.00
VALLEY44_115KV_TB2 355964	50.58 0.78 0.00	51.11 0.60 0.00	50.11 0.14 0.00	43.40 -0.16 0.00	40.19 -0.06 0.00	38.69 -0.09 0.00	39.86 -0.05 0.00	43.19 -0.72 0.00	51.05 -0.33 0.00	48.91 0.52 0.00	52.14 1.41 0.00	48.31 1.30 0.00	54.26 1.65 0.00	64.49 1.61 0.00	66.94 1.33 0.00	58.45 0.81 0.00	52.66 0.92 0.00	68.93 2.15 0.00	83.17 2.11 0.00	68.05 1.46 0.00	78.50 1.58 0.00	66.25 1.86 0.00	59.44 1.87 0.00	53.68 1.59 0.00
VALLEY___115KV_TB 1-4 80826	50.39 0.59 0.00	51.34 0.83 0.00	50.96 0.99 0.00	44.56 1.00 0.00	41.26 1.02 0.00	39.81 1.03 0.00	40.95 1.05 0.00	44.72 0.81 0.00	52.00 0.63 0.00	48.73 0.34 0.00	50.82 0.09 0.00	46.72 -0.30 0.00	52.40 -0.21 0.00	62.70 -0.18 0.00	65.94 0.34 0.00	57.88 0.24 0.00	52.18 0.43 0.00	68.85 2.07 0.00	83.08 2.01 0.00	67.73 1.13 0.00	78.02 1.11 0.00	64.89 0.51 0.00	57.98 0.41 0.00	52.31 0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.72 1.91 0.00	52.68 2.17 0.00	52.24 2.27 0.00	45.58 2.02 0.00	42.16 1.92 0.00	40.60 1.81 0.00	41.80 1.89 0.00	45.82 1.91 0.00	53.53 2.16 0.00	50.41 2.02 0.00	53.02 2.29 0.00	49.18 2.17 0.00	55.14 2.53 0.00	65.98 3.10 0.00	68.94 3.34 0.00	60.70 3.05 0.00	54.81 3.07 0.00	70.92 4.14 0.00	85.73 4.66 0.00	70.08 3.48 0.00	80.60 3.69 0.00	67.18 2.80 0.00	60.05 2.48 0.00	54.19 2.10 0.00
VISCHER___FERRY HYD 24020	50.76 0.96 0.00	51.82 1.32 0.00	51.52 1.55 0.00	45.04 1.48 0.00	41.69 1.45 0.00	40.29 1.51 0.00	41.38 1.47 0.00	45.26 1.35 0.00	52.79 1.41 0.00	49.53 1.14 0.00	49.35 0.74 2.13	27.50 0.59 20.10	26.76 0.49 26.34	62.22 0.63 1.30	66.46 0.86 0.00	58.65 1.01 0.00	53.11 1.37 0.00	69.11 2.33 0.00	83.50 2.43 0.00	68.17 1.58 0.00	78.61 1.69 0.00	65.13 0.74 0.00	58.33 0.76 0.00	52.83 0.73 0.00
V_A_10_SYNC_DSASP 323832	50.30 0.49 0.00	50.79 0.28 0.00	49.84 -0.14 0.00	43.10 -0.46 0.00	39.79 -0.45 0.00	38.31 -0.48 0.00	39.33 -0.58 0.00	42.79 -1.11 0.00	50.65 -0.73 0.00	48.46 0.07 0.00	51.73 1.00 0.00	47.88 0.86 0.00	54.12 1.50 0.00	64.39 1.51 0.00	66.87 1.27 0.00	58.31 0.67 0.00	52.52 0.77 0.00	68.64 1.86 0.00	83.40 2.34 0.00	68.06 1.47 0.00	78.40 1.49 0.00	66.14 1.75 0.00	59.24 1.67 0.00	53.54 1.45 0.00
V_CMM_10_SYNC_DSASP 323787	50.14 0.34 0.00	50.53 0.02 0.00	49.81 -0.16 0.00	43.29 -0.28 0.00	39.85 -0.39 0.00	38.39 -0.39 0.00	39.51 -0.40 0.00	43.81 -0.10 0.00	51.45 0.07 0.00	48.62 0.23 0.00	51.09 0.36 0.00	47.28 0.26 0.00	52.84 0.23 0.00	63.09 0.21 0.00	65.61 0.00 0.00	57.35 -0.29 0.00	51.07 -0.67 0.00	65.16 -1.62 0.00	79.85 -1.21 0.00	66.00 -0.60 0.00	76.67 -0.24 0.00	64.72 0.33 0.00	57.87 0.30 0.00	52.43 0.34 0.00
V_CMP_10_SYNC_DSASP 323788	49.87 0.07 0.00	50.52 0.01 0.00	49.78 -0.20 0.00	43.26 -0.31 0.00	39.84 -0.41 0.00	38.37 -0.42 0.00	39.47 -0.43 0.00	43.76 -0.15 0.00	51.35 -0.03 0.00	48.49 0.10 0.00	50.68 -0.05 0.00	46.91 -0.10 0.00	52.45 -0.17 0.00	62.62 -0.26 0.00	65.16 -0.44 0.00	56.89 -0.75 0.00	50.63 -1.11 0.00	64.68 -2.10 0.00	79.30 -1.76 0.00	65.29 -1.31 0.00	75.90 -1.01 0.00	63.86 -0.53 0.00	57.02 -0.56 0.00	51.61 -0.48 0.00
V_D_10_SYNC_DSASP 323841	50.53 0.73 0.00	50.86 0.35 0.00	50.13 0.15 0.00	43.54 -0.02 0.00	40.09 -0.15 0.00	38.61 -0.17 0.00	39.73 -0.17 0.00	44.04 0.13 0.00	51.77 0.39 0.00	48.92 0.53 0.00	51.42 0.69 0.00	47.57 0.55 0.00	53.17 0.56 0.00	63.40 0.52 0.00	65.97 0.36 0.00	57.69 0.05 0.00	51.43 -0.31 0.00	65.07 -1.71 0.00	80.35 -0.71 0.00	66.47 -0.12 0.00	77.29 0.37 0.00	65.24 0.86 0.00	58.32 0.75 0.00	52.89 0.79 0.00
V_E_10_SYNC_DSASP 323830	53.48 3.67 0.00	53.99 3.48 0.00	53.41 3.43 0.00	46.49 2.92 0.00	42.89 2.65 0.00	41.41 2.62 0.00	42.58 2.68 0.00	46.73 2.82 0.00	54.87 3.50 0.00	51.91 3.52 0.00	54.95 4.21 0.00	50.70 3.68 0.00	56.97 4.35 0.00	68.14 5.26 0.00	71.49 5.88 0.00	62.62 4.98 0.00	55.86 4.12 0.00	73.18 6.40 0.00	88.94 7.87 0.00	73.46 6.87 0.00	84.53 7.61 0.00	70.25 5.87 0.00	62.03 4.46 0.00	55.55 3.46 0.00

V_F_30_NSYNC___DSASP 323816	51.86 2.05 0.00	52.87 2.36 0.00	52.48 2.50 0.00	45.80 2.23 0.00	42.37 2.13 0.00	40.92 2.14 0.00	42.03 2.12 0.00	45.96 2.05 0.00	53.69 2.32 0.00	50.38 1.99 0.00	50.71 1.62 1.65	32.78 1.32 15.55	33.66 1.43 20.38	63.72 1.84 1.00	67.86 2.25 0.00	59.86 2.22 0.00	54.26 2.52 0.00	70.93 4.15 0.00	85.85 4.78 0.00	70.04 3.44 0.00	80.77 3.86 0.00	66.91 2.52 0.00	59.86 2.29 0.00	54.10 2.00 0.00
V_F_30_SYNC_DSASP 323786	50.23 0.43 0.00	51.24 0.73 0.00	50.95 0.97 0.00	44.54 0.97 0.00	41.24 1.00 0.00	39.82 1.03 0.00	40.93 1.03 0.00	44.79 0.88 0.00	52.23 0.85 0.00	49.01 0.62 0.00	49.63 0.35 1.45	33.60 0.29 13.70	34.55 -0.11 17.95	61.82 -0.17 0.88	65.71 0.11 0.00	57.94 0.30 0.00	52.37 0.63 0.00	68.11 1.33 0.00	82.19 1.13 0.00	67.08 0.49 0.00	77.20 0.28 0.00	64.07 -0.32 0.00	57.34 -0.23 0.00	51.92 -0.17 0.00
V_XM_10_SYNC_DSASP 323789	49.87 0.07 0.00	50.52 0.01 0.00	49.78 -0.20 0.00	43.26 -0.31 0.00	39.84 -0.41 0.00	38.37 -0.42 0.00	39.47 -0.43 0.00	43.76 -0.15 0.00	51.35 -0.03 0.00	48.49 0.10 0.00	50.68 -0.05 0.00	46.91 -0.10 0.00	52.45 -0.17 0.00	62.62 -0.26 0.00	65.16 -0.44 0.00	56.89 -0.75 0.00	50.63 -1.11 0.00	64.68 -2.10 0.00	79.30 -1.76 0.00	65.29 -1.31 0.00	75.90 -1.01 0.00	63.86 -0.53 0.00	57.02 -0.56 0.00	51.61 -0.48 0.00
W.BABYLN_69_KV_BK1 56697	41.64 1.54 9.71	53.28 2.77 0.00	53.08 3.11 0.00	46.43 2.87 0.00	43.01 2.77 0.00	41.38 2.59 0.00	42.76 2.85 0.00	46.77 2.86 0.00	53.93 2.55 0.00	50.57 2.18 0.00	55.51 2.96 -1.82	67.18 3.01 -17.16	77.53 2.60 -22.32	66.23 2.54 -0.81	66.51 2.93 2.03	33.78 2.85 26.72	35.44 3.18 19.48	33.56 4.36 37.58	38.94 4.37 46.49	33.41 2.80 35.99	39.61 2.51 39.82	35.18 1.73 30.94	35.26 1.50 23.81	54.28 2.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.42 1.61 0.00	52.47 1.97 0.00	52.05 2.08 0.00	45.50 1.93 0.00	42.20 1.96 0.00	40.67 1.89 0.00	41.89 1.99 0.00	45.79 1.89 0.00	53.24 1.87 0.00	50.20 1.81 0.00	54.17 1.74 -1.70	64.95 1.89 -16.05	75.78 2.13 -21.03	66.56 2.64 -1.04	68.55 2.95 0.00	60.70 3.06 0.00	54.99 3.25 0.00	71.30 4.52 0.00	85.59 4.52 0.00	69.51 2.91 0.00	79.61 2.69 0.00	66.22 1.83 0.00	59.32 1.76 0.00	53.79 1.70 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.40 1.59 0.00	52.56 2.05 0.00	52.16 2.18 0.00	45.67 2.11 0.00	42.37 2.13 0.00	40.84 2.06 0.00	42.09 2.19 0.00	46.02 2.12 0.00	53.43 2.05 0.00	50.37 1.98 0.00	54.37 1.82 -1.82	66.07 1.90 -17.15	77.10 2.00 -22.48	66.42 2.43 -1.11	68.31 2.71 0.00	60.47 2.83 0.00	54.83 3.09 0.00	71.02 4.24 0.00	85.24 4.18 0.00	69.20 2.60 0.00	79.21 2.30 0.00	65.88 1.49 0.00	59.10 1.53 0.00	53.70 1.61 0.00
W50THST__13_KV_LOAD 356117	51.68 1.88 0.00	52.88 2.37 0.00	52.48 2.50 0.00	45.94 2.38 0.00	42.64 2.40 0.00	41.11 2.32 0.00	42.37 2.47 0.00	46.33 2.43 0.00	53.82 2.44 0.00	50.74 2.34 0.00	54.74 2.19 -1.82	66.39 2.22 -17.15	77.46 2.36 -22.48	66.84 2.85 -1.11	68.73 3.13 0.00	60.84 3.20 0.00	55.17 3.44 0.00	71.44 4.66 0.00	85.73 4.66 0.00	69.55 2.96 0.00	79.61 2.69 0.00	66.21 1.82 0.00	59.39 1.82 0.00	53.99 1.89 0.00
WADING RIVER_IC_1 23522	38.97 0.28 11.11	52.01 1.50 0.00	51.87 1.89 0.00	45.41 1.84 0.00	42.03 1.79 0.00	40.45 1.67 0.00	41.85 1.94 0.00	45.82 1.91 0.00	52.78 1.40 0.00	49.52 1.13 0.00	54.44 1.89 -1.82	66.15 1.98 -17.16	76.24 1.34 -22.28	64.49 1.01 -0.60	64.33 1.36 2.63	28.38 1.37 30.64	31.15 1.76 22.35	26.28 2.61 43.11	30.63 2.89 53.33	27.26 1.83 41.17	32.71 1.35 45.56	29.19 0.20 35.40	30.48 0.15 27.24	53.02 0.93 0.00
WADING RIVER_IC_2 23547	38.97 0.28 11.11	52.01 1.50 0.00	51.87 1.89 0.00	45.41 1.84 0.00	42.03 1.79 0.00	40.45 1.67 0.00	41.85 1.94 0.00	45.82 1.91 0.00	52.78 1.40 0.00	49.52 1.13 0.00	54.44 1.89 -1.82	66.15 1.98 -17.16	76.24 1.34 -22.28	64.49 1.01 -0.60	64.33 1.36 2.63	28.38 1.37 30.64	31.15 1.76 22.35	26.28 2.61 43.11	30.63 2.89 53.33	27.26 1.83 41.17	32.71 1.35 45.56	29.19 0.20 35.40	30.48 0.15 27.24	53.02 0.93 0.00
WADING RIVER_IC_3 23601	38.97 0.28 11.11	52.01 1.50 0.00	51.87 1.89 0.00	45.41 1.84 0.00	42.03 1.79 0.00	40.45 1.67 0.00	41.85 1.94 0.00	45.82 1.91 0.00	52.78 1.40 0.00	49.52 1.13 0.00	54.44 1.89 -1.82	66.15 1.98 -17.16	76.24 1.34 -22.28	64.49 1.01 -0.60	64.33 1.36 2.63	28.38 1.37 30.64	31.15 1.76 22.35	26.28 2.61 43.11	30.63 2.89 53.33	27.26 1.83 41.17	32.71 1.35 45.56	29.19 0.20 35.40	30.48 0.15 27.24	53.02 0.93 0.00
WALDENNY_12_KV_BK2 80841	51.25 1.44 0.00	51.57 1.07 0.00	50.47 0.49 0.00	43.55 -0.02 0.00	40.21 -0.04 0.00	38.75 -0.04 0.00	39.72 -0.18 0.00	43.18 -0.72 0.00	51.25 -0.12 0.00	49.26 0.87 0.00	52.82 2.09 0.00	48.87 1.86 0.00	55.36 2.75 0.00	65.84 2.97 0.00	68.33 2.73 0.00	59.55 1.91 0.00	53.66 1.92 0.00	70.23 3.45 0.00	85.38 4.32 0.00	69.80 3.20 0.00	80.34 3.42 0.00	67.77 3.38 0.00	60.59 3.02 0.00	54.61 2.51 0.00
WALDEN___HYDRO 24148	51.30 1.49 0.00	52.35 1.84 0.00	51.93 1.95 0.00	45.38 1.82 0.00	42.06 1.82 0.00	40.57 1.79 0.00	41.77 1.86 0.00	45.67 1.76 0.00	53.13 1.75 0.00	50.01 1.62 0.00	53.69 1.52 -1.43	62.15 1.64 -13.50	72.17 1.86 -17.69	66.14 2.38 -0.87	68.23 2.63 0.00	60.33 2.69 0.00	54.69 2.95 0.00	71.05 4.27 0.00	85.39 4.32 0.00	69.42 2.82 0.00	79.59 2.67 0.00	66.18 1.79 0.00	59.24 1.67 0.00	53.68 1.59 0.00
WARRENSBURG____ 23737	52.13 2.33 0.00	53.13 2.63 0.00	52.70 2.72 0.00	45.92 2.36 0.00	42.53 2.29 0.00	41.04 2.26 0.00	42.08 2.18 0.00	45.99 2.07 0.00	53.75 2.37 0.00	50.35 1.96 0.00	50.53 1.34 1.55	33.39 1.05 14.67	34.54 1.15 19.23	63.57 1.63 0.95	67.75 2.14 0.00	59.72 2.08 0.00	54.36 2.62 0.00	71.54 4.75 0.00	86.73 5.66 0.00	70.70 4.11 0.00	81.63 4.72 0.00	67.39 3.00 0.00	60.22 2.65 0.00	54.34 2.25 0.00
WATERSIDE___6 8 9 23538	51.28 1.47 0.00	52.48 1.97 0.00	52.09 2.11 0.00	45.64 2.07 0.00	42.34 2.10 0.00	40.82 2.03 0.00	42.08 2.17 0.00	45.98 2.08 0.00	53.33 1.96 0.00	50.27 1.88 0.00	54.18 1.63 -1.82	65.87 1.71 -17.16	76.87 1.77 -22.48	66.13 2.14 -1.11	68.01 2.40 0.00	60.23 2.59 0.00	54.63 2.89 0.00	70.71 3.93 0.00	84.84 3.78 0.00	68.85 2.25 0.00	78.80 1.88 0.00	65.55 1.16 0.00	58.85 1.28 0.00	53.53 1.44 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.15 0.34 0.00	51.06 0.55 0.00	50.66 0.69 0.00	44.25 0.69 0.00	40.96 0.72 0.00	39.51 0.73 0.00	40.65 0.75 0.00	44.48 0.57 0.00	51.78 0.40 0.00	48.58 0.19 0.00	50.73 0.00 0.00	46.74 -0.27 0.00	52.39 -0.23 0.00	62.68 -0.20 0.00	65.75 0.15 0.00	57.74 0.10 0.00	52.05 0.31 0.00	68.26 1.47 0.00	82.53 1.46 0.00	67.39 0.80 0.00	77.67 0.75 0.00	64.67 0.28 0.00	57.78 0.21 0.00	52.17 0.07 0.00

WDELAWARE___HYD 323627	50.06 0.25 0.00	51.01 0.50 0.00	50.56 0.59 0.00	44.18 0.62 0.00	40.92 0.69 0.00	39.46 0.68 0.00	40.62 0.71 0.00	44.46 0.55 0.00	51.74 0.36 0.00	48.68 0.30 0.00	52.01 0.13 -1.14	58.21 0.42 -10.78	67.30 0.55 -14.13	64.41 0.84 -0.70	66.49 0.88 0.00	58.92 1.28 0.00	53.46 1.72 0.00	69.42 2.63 0.00	83.53 2.46 0.00	67.99 1.39 0.00	77.99 1.07 0.00	64.84 0.46 0.00	57.98 0.42 0.00	52.50 0.41 0.00
WEST BABYLON___IC 23714	41.64 1.54 9.71	53.28 2.77 0.00	53.08 3.11 0.00	46.43 2.87 0.00	43.01 2.77 0.00	41.38 2.59 0.00	42.76 2.85 0.00	46.77 2.86 0.00	53.93 2.55 0.00	50.57 2.18 0.00	55.51 2.96 -1.82	67.18 3.01 -17.16	77.53 2.60 -22.32	66.23 2.54 -0.81	66.51 2.93 2.03	33.78 2.85 26.72	35.44 3.18 19.48	33.56 4.36 37.58	38.94 4.37 46.49	33.41 2.80 35.99	39.61 2.51 39.82	35.18 1.73 30.94	35.26 1.50 23.81	54.28 2.19 0.00
WEST CANADA___HYD 24049	49.89 0.08 0.00	50.68 0.17 0.00	50.23 0.25 0.00	43.81 0.24 0.00	40.49 0.24 0.00	39.04 0.25 0.00	40.15 0.25 0.00	44.10 0.19 0.00	51.53 0.15 0.00	48.46 0.07 0.00	50.78 0.04 0.00	47.05 0.04 0.00	52.63 0.02 0.00	62.93 0.05 0.00	65.73 0.12 0.00	57.81 0.17 0.00	52.00 0.26 0.00	67.31 0.52 0.00	81.58 0.51 0.00	66.88 0.29 0.00	77.14 0.23 0.00	64.40 0.01 0.00	57.57 0.00 0.00	52.10 0.00 0.00
WESTERN_NY_WIND 24143	52.02 2.22 0.00	52.32 1.82 0.00	51.25 1.27 0.00	44.25 0.68 0.00	40.83 0.60 0.00	39.33 0.55 0.00	40.36 0.45 0.00	43.95 0.04 0.00	52.08 0.70 0.00	49.73 1.34 0.00	52.84 2.10 0.00	48.87 1.85 0.00	55.48 2.86 0.00	66.24 3.37 0.00	68.76 3.16 0.00	60.10 2.46 0.00	54.29 2.55 0.00	71.15 4.37 0.00	87.03 5.96 0.00	70.97 4.37 0.00	81.87 4.96 0.00	69.08 4.69 0.00	61.71 4.14 0.00	55.56 3.46 0.00
WESTOVER___LESR 323668	50.10 0.29 0.00	51.01 0.51 0.00	50.35 0.37 0.00	43.86 0.30 0.00	40.65 0.41 0.00	39.12 0.34 0.00	40.23 0.33 0.00	44.06 0.16 0.00	51.58 0.20 0.00	48.58 0.19 0.00	51.27 0.53 0.00	47.50 0.49 0.00	53.45 0.84 0.00	63.80 0.92 0.00	66.61 1.00 0.00	58.55 0.91 0.00	52.75 1.01 0.00	68.76 1.98 0.00	83.20 2.14 0.00	68.23 1.63 0.00	78.59 1.67 0.00	65.58 1.19 0.00	58.47 0.89 0.00	52.72 0.62 0.00
WETHRSFD_WT_PWR 323626	50.59 0.78 0.00	50.83 0.33 0.00	49.79 -0.19 0.00	42.99 -0.57 0.00	39.63 -0.61 0.00	38.20 -0.58 0.00	39.17 -0.73 0.00	42.78 -1.13 0.00	50.85 -0.53 0.00	48.56 0.17 0.00	51.50 0.77 0.00	47.54 0.54 0.00	53.69 1.08 0.00	63.89 1.00 0.00	66.43 0.83 0.00	57.96 0.32 0.00	52.26 0.52 0.00	68.45 1.67 0.00	83.56 2.49 0.00	68.73 2.13 0.00	79.32 2.40 0.00	66.48 2.09 0.00	59.05 1.48 0.00	53.14 1.05 0.00
WHAVSTOR_138KV_BK127 55557	51.08 1.27 0.00	52.16 1.65 0.00	51.75 1.77 0.00	45.25 1.69 0.00	41.97 1.73 0.00	40.46 1.67 0.00	41.67 1.76 0.00	45.54 1.63 0.00	52.92 1.55 0.00	49.87 1.48 0.00	53.82 1.38 -1.71	64.64 1.52 -16.11	75.40 1.67 -21.11	66.01 2.09 -1.04	67.96 2.36 0.00	60.17 2.53 0.00	54.50 2.76 0.00	70.68 3.90 0.00	84.86 3.79 0.00	68.94 2.35 0.00	78.97 2.05 0.00	65.70 1.31 0.00	58.87 1.30 0.00	53.42 1.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.08 1.27 0.00	52.16 1.65 0.00	51.75 1.77 0.00	45.25 1.69 0.00	41.97 1.73 0.00	40.46 1.67 0.00	41.67 1.76 0.00	45.54 1.63 0.00	52.92 1.55 0.00	49.87 1.48 0.00	53.82 1.38 -1.71	64.64 1.52 -16.11	75.40 1.67 -21.11	66.01 2.09 -1.04	67.96 2.36 0.00	60.17 2.53 0.00	54.50 2.76 0.00	70.68 3.90 0.00	84.86 3.79 0.00	68.94 2.35 0.00	78.97 2.05 0.00	65.70 1.31 0.00	58.87 1.30 0.00	53.42 1.33 0.00
WHITEHAL_115KV_TB1 80871	53.37 3.57 0.00	54.43 3.92 0.00	53.76 3.79 0.00	46.86 3.30 0.00	43.49 3.25 0.00	41.97 3.19 0.00	42.64 2.74 0.00	46.24 2.33 0.00	53.83 2.45 0.00	50.40 2.01 0.00	50.80 1.66 1.59	33.20 1.23 15.04	34.57 1.66 19.71	64.47 2.56 0.97	68.61 3.01 0.00	60.46 2.82 0.00	55.64 3.89 0.00	73.91 7.13 0.00	88.96 7.90 0.00	72.33 5.73 0.00	83.54 6.62 0.00	68.16 3.77 0.00	61.02 3.45 0.00	55.22 3.13 0.00
WHITEPLN_13_KV_LOAD 356215	51.85 2.05 0.00	52.96 2.45 0.00	52.55 2.57 0.00	45.95 2.39 0.00	42.59 2.35 0.00	41.05 2.27 0.00	42.29 2.39 0.00	46.26 2.35 0.00	53.77 2.39 0.00	50.71 2.32 0.00	54.85 2.30 -1.81	66.52 2.40 -17.11	77.66 2.62 -22.42	67.18 3.20 -1.11	69.15 3.55 0.00	61.23 3.59 0.00	55.49 3.75 0.00	71.94 5.16 0.00	86.41 5.34 0.00	70.18 3.58 0.00	80.38 3.46 0.00	66.78 2.39 0.00	59.80 2.23 0.00	54.26 2.16 0.00
WM_FLOYD_69_KV_BK2 356380	39.46 0.73 11.08	52.45 1.94 0.00	52.32 2.34 0.00	45.80 2.23 0.00	42.40 2.16 0.00	40.80 2.02 0.00	42.21 2.31 0.00	46.20 2.29 0.00	53.21 1.84 0.00	49.91 1.52 -1.82	54.85 2.30 -17.16	66.53 2.36 -22.28	76.61 1.71 -0.56	64.88 1.44 2.70	64.77 1.87 30.58	28.90 1.83 22.29	31.64 2.20 42.99	27.00 3.22 53.19	31.28 3.40 41.07	27.70 2.18 45.44	33.23 1.76 35.31	29.85 0.77 27.17	31.08 0.68 0.00	53.47 1.38 0.00
WOODARD__115KV_TB2 355635	50.53 -0.32 -1.05	50.78 -0.33 -0.60	50.13 -0.42 -0.58	43.24 -0.42 -0.09	39.89 -0.36 0.00	38.42 -0.36 0.00	39.51 -0.39 0.00	43.47 -0.56 -0.11	51.46 -0.55 -0.63	48.12 -0.43 -0.16	50.60 -0.30 -0.16	46.74 -0.28 0.00	52.61 -0.14 -0.13	63.08 -0.13 -0.33	65.80 -0.04 -0.24	57.66 0.02 0.00	51.97 0.23 0.00	67.72 0.76 -0.18	84.45 0.91 -2.47	68.32 0.67 -1.04	77.94 0.64 -0.38	64.98 0.36 -0.23	58.00 0.19 -0.24	52.22 0.01 -0.11
WOODMERE_69_KV_BK1 55827	51.63 1.82 0.00	53.26 2.75 0.00	53.26 3.28 0.00	46.59 3.03 0.00	43.14 2.90 0.00	41.53 2.75 0.00	42.86 2.96 0.00	46.89 2.98 0.00	54.20 2.82 0.00	50.89 2.50 0.00	55.58 3.03 -1.82	67.18 3.01 -17.16	77.82 2.46 -22.75	66.75 2.77 -1.11	68.80 3.20 0.00	60.70 2.95 -0.11	56.58 3.24 -1.60	73.95 4.47 -2.69	89.33 5.00 -3.26	69.72 3.12 0.00	79.80 2.88 0.00	66.36 1.97 0.00	59.44 1.87 0.00	54.56 2.47 0.00
YORK___WARBASSE 23770	51.57 1.76 0.00	52.63 2.12 0.00	52.21 2.24 0.00	45.82 2.26 0.00	42.50 2.26 0.00	40.98 2.19 0.00	42.23 2.33 0.00	46.12 2.21 0.00	53.48 2.10 0.00	50.46 2.07 0.00	54.39 1.84 -1.82	66.08 1.92 -17.16	77.06 1.96 -22.48	66.36 2.37 -1.11	68.26 2.66 0.00	60.48 2.83 0.00	54.88 3.14 0.00	71.03 4.24 0.00	85.23 4.16 0.00	69.14 2.54 0.00	79.12 2.21 0.00	65.84 1.45 0.00	59.21 1.64 0.00	53.86 1.76 0.00