

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/11/2025

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	53.07	49.96	42.05	33.25	39.29	39.17	47.43	55.13	58.00	57.72	54.34	67.43	82.81	77.09	83.74	93.19	85.64	90.22	70.24	90.66	91.19	93.71	88.95	62.27
24138	2.17	2.18	2.28	1.92	1.88	1.95	2.54	2.54	2.34	2.23	2.79	3.23	4.28	4.08	4.57	5.87	6.41	6.92	4.95	4.73	3.83	3.02	2.32	1.78
	-0.31	-0.37	0.00	0.00	0.00	0.00	0.00	-0.52	-0.62	-0.49	-0.72	-2.97	-1.29	-0.94	-1.24	-0.63	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	53.17	50.03	42.06	33.27	39.37	39.24	47.47	55.17	58.07	57.79	54.38	67.51	83.02	77.30	83.97	93.46	85.84	90.46	70.44	91.01	91.57	94.10	89.34	62.54
24260	2.27	2.25	2.29	1.94	1.95	2.02	2.58	2.59	2.41	2.30	2.84	3.31	4.50	4.30	4.81	6.15	6.62	7.17	5.15	5.08	4.21	3.41	2.71	2.05
	-0.31	-0.37	0.00	0.00	0.00	0.00	0.00	-0.52	-0.62	-0.48	-0.72	-2.97	-1.29	-0.94	-1.24	-0.63	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	53.17	50.03	42.06	33.27	39.37	39.24	47.47	55.17	58.07	57.79	54.38	67.51	83.02	77.30	83.97	93.46	85.84	90.46	70.44	91.01	91.57	94.10	89.34	62.54
24261	2.27	2.25	2.29	1.94	1.95	2.02	2.58	2.59	2.41	2.30	2.84	3.31	4.50	4.30	4.81	6.15	6.62	7.17	5.15	5.08	4.21	3.41	2.71	2.05
	-0.31	-0.37	0.00	0.00	0.00	0.00	0.00	-0.52	-0.62	-0.48	-0.72	-2.97	-1.29	-0.94	-1.24	-0.63	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	52.60	49.19	41.85	33.08	39.30	39.20	47.05	54.28	57.06	56.48	51.78	60.32	78.96	73.98	80.54	90.73	82.97	87.84	69.77	91.58	93.09	96.33	91.67	63.92
24011	2.29	2.10	2.08	1.74	1.89	1.98	2.16	2.21	2.02	1.47	1.35	1.25	1.81	1.91	2.62	4.05	3.84	4.54	4.48	5.65	5.72	5.64	5.04	3.43
	0.27	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	2.16	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	52.85	49.45	42.06	33.25	39.48	39.42	47.27	54.16	56.79	56.18	51.74	60.05	78.33	73.48	79.94	90.82	83.19	88.12	70.08	92.00	93.49	97.04	92.47	64.44
23798	2.53	2.36	2.29	1.91	2.06	2.20	2.39	2.45	2.18	1.51	1.49	1.32	2.00	2.06	2.87	4.57	4.13	4.82	4.79	6.06	6.13	6.35	5.84	3.96
	0.27	0.32	0.00	0.00	0.00	0.00	0.00	0.36	0.43	0.34	0.58	2.50	0.91	0.65	0.85	0.43	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	52.60	49.19	41.85	33.08	39.30	39.20	47.05	54.28	57.06	56.48</														

ALBANY___2 23572	49.57 -0.80 0.23	46.50 -0.64 0.27	39.62 -0.15 0.00	31.36 0.03 0.00	37.25 -0.16 0.00	37.07 -0.15 0.00	44.49 -0.40 0.00	51.38 -0.69 0.00	54.10 -0.94 0.00	53.76 -1.25 0.00	49.55 -0.95 0.34	58.23 -1.22 1.77	75.76 -1.40 0.07	70.95 -1.11 0.00	77.00 -0.92 0.00	86.06 -0.62 0.00	78.90 -0.22 0.00	83.37 0.07 0.00	65.47 0.17 0.00	85.44 -0.50 0.00	86.53 -0.83 0.00	89.26 -1.43 0.00	85.04 -1.59 0.00	59.58 -0.90 0.00
ALBANY___3 23573	49.57 -0.80 0.23	46.50 -0.64 0.27	39.62 -0.15 0.00	31.36 0.03 0.00	37.25 -0.16 0.00	37.07 -0.15 0.00	44.49 -0.40 0.00	51.38 -0.69 0.00	54.10 -0.94 0.00	53.76 -1.25 0.00	49.55 -0.95 0.34	58.23 -1.22 1.77	75.76 -1.40 0.07	70.95 -1.11 0.00	77.00 -0.92 0.00	86.06 -0.62 0.00	78.90 -0.22 0.00	83.37 0.07 0.00	65.47 0.17 0.00	85.44 -0.50 0.00	86.53 -0.83 0.00	89.26 -1.43 0.00	85.04 -1.59 0.00	59.58 -0.90 0.00
ALBANY___4 23574	49.57 -0.80 0.23	46.50 -0.64 0.27	39.62 -0.15 0.00	31.36 0.03 0.00	37.25 -0.16 0.00	37.07 -0.15 0.00	44.49 -0.40 0.00	51.38 -0.69 0.00	54.10 -0.94 0.00	53.76 -1.25 0.00	49.55 -0.95 0.34	58.23 -1.22 1.77	75.76 -1.40 0.07	70.95 -1.11 0.00	77.00 -0.92 0.00	86.06 -0.62 0.00	78.90 -0.22 0.00	83.37 0.07 0.00	65.47 0.17 0.00	85.44 -0.50 0.00	86.53 -0.83 0.00	89.26 -1.43 0.00	85.04 -1.59 0.00	59.58 -0.90 0.00
ALBANY___LFGE 323615	50.30 -0.05 0.25	47.14 0.03 0.29	40.16 0.39 0.00	31.77 0.44 0.00	37.74 0.32 0.00	37.57 0.34 0.00	45.12 0.23 0.00	52.12 0.05 0.00	54.88 -0.16 0.00	54.56 -0.44 0.00	50.27 -0.19 0.37	59.00 -0.30 1.94	76.98 -0.17 0.08	72.10 0.03 0.00	78.31 0.38 0.00	87.42 0.73 0.00	80.19 1.07 0.00	84.73 1.43 0.00	66.57 1.27 0.00	86.88 0.95 0.00	87.99 0.63 0.00	90.78 0.08 0.00	86.41 -0.22 0.00	60.47 -0.02 0.00
ALCOA_PA_115KV_PL-6C 55860	50.73 0.14 0.00	47.75 0.34 0.00	39.72 -0.05 0.00	31.11 -0.23 0.00	37.58 0.17 0.00	37.42 0.19 0.00	45.46 0.57 0.00	53.06 0.99 0.00	56.18 1.14 0.00	56.16 1.15 0.00	51.28 0.45 0.00	61.43 0.20 0.00	77.18 -0.06 0.00	72.02 -0.04 0.00	77.82 -0.11 0.00	86.17 -0.51 0.00	77.80 -1.32 0.00	81.14 -2.16 0.00	63.86 -1.43 0.00	85.26 -0.67 0.00	87.19 -0.17 0.00	91.31 0.62 0.00	87.83 1.20 0.00	61.25 0.77 0.00
ALCOA_RYNLDS___DRP 24188	50.73 0.14 0.00	47.75 0.34 0.00	39.72 -0.05 0.00	31.11 -0.23 0.00	37.58 0.17 0.00	37.42 0.19 0.00	45.46 0.57 0.00	53.06 0.99 0.00	56.18 1.14 0.00	56.16 1.15 0.00	51.28 0.45 0.00	61.43 0.20 0.00	77.18 -0.06 0.00	72.02 -0.04 0.00	77.82 -0.11 0.00	86.17 -0.51 0.00	77.80 -1.32 0.00	81.14 -2.16 0.00	63.86 -1.43 0.00	85.26 -0.67 0.00	87.19 -0.17 0.00	91.31 0.62 0.00	87.83 1.20 0.00	61.25 0.77 0.00
ALCOA___DSASP 323711	50.73 0.14 0.00	47.75 0.34 0.00	39.72 -0.05 0.00	31.11 -0.23 0.00	37.59 0.17 0.00	37.42 0.20 0.00	45.46 0.57 0.00	53.06 0.99 0.00	56.18 1.15 0.00	56.16 1.15 0.00	51.28 0.45 0.00	61.43 0.20 0.00	77.18 -0.05 0.00	72.02 -0.04 0.00	77.82 -0.11 0.00	86.17 -0.51 0.00	77.80 -1.32 0.00	81.14 -2.16 0.00	63.86 -1.43 0.00	85.26 -0.67 0.00	87.19 -0.17 0.00	91.31 0.62 0.00	87.83 1.20 0.00	61.25 0.77 0.00
ALLEGHENY___COGEN 23514	55.90 5.31 0.00	51.71 4.30 0.00	42.67 2.90 0.00	33.59 2.26 0.00	39.61 2.20 0.00	39.79 2.57 0.00	48.25 3.36 0.00	55.37 3.30 0.00	58.95 3.90 0.00	58.85 3.84 0.00	53.82 2.99 0.00	64.47 3.25 0.00	80.90 3.67 0.00	74.76 2.69 0.00	81.42 3.50 0.00	90.35 3.66 0.00	82.80 3.68 0.00	87.75 4.45 0.00	68.32 3.03 0.00	91.58 5.64 0.00	95.04 7.67 0.00	99.70 9.01 0.00	93.34 6.71 0.00	66.48 6.00 0.00
ALTAMONT_115KV_TB 2 55880	61.35 0.13 -10.64	47.44 0.21 0.17	40.30 0.53 0.00	31.86 0.53 0.00	37.86 0.45 0.00	37.66 0.44 0.00	45.22 0.33 0.00	52.21 0.15 0.00	55.01 -0.03 0.00	54.72 -0.29 0.00	50.55 -0.06 0.22	59.92 -0.16 1.16	77.12 -0.06 0.05	72.11 0.04 0.00	78.21 0.28 0.00	87.36 0.67 0.00	80.12 1.00 0.00	84.63 1.33 0.00	66.42 1.13 0.00	86.82 0.89 0.00	87.97 0.60 0.00	90.84 0.15 0.00	86.56 -0.07 0.00	60.57 0.09 0.00
ALTONA_WT_PWR 323606	50.33 -0.27 0.00	47.36 -0.06 0.00	39.32 -0.46 0.00	30.72 -0.61 0.00	37.04 -0.37 0.00	36.95 -0.28 0.00	44.85 -0.04 0.00	52.27 0.20 0.00	55.38 0.33 0.00	55.40 0.40 0.00	50.66 -0.17 0.00	60.87 -0.36 0.00	76.56 -0.67 0.00	71.54 -0.53 0.00	77.35 -0.58 0.00	85.63 -1.05 0.00	77.35 -1.77 0.00	81.12 -2.18 0.00	63.69 -1.61 0.00	84.64 -1.29 0.00	86.54 -0.82 0.00	90.54 -0.15 0.00	86.94 0.32 0.00	60.54 0.05 0.00
AMERICAN_REF_FUEL 24010	53.59 3.00 0.00	49.10 1.69 0.00	40.21 0.43 0.00	31.55 0.21 0.00	37.04 -0.37 0.00	37.23 0.00 0.00	45.02 0.13 0.00	51.52 -0.54 0.00	55.47 0.43 0.00	56.84 1.83 0.00	52.05 1.22 0.00	63.35 2.12 0.00	79.93 2.70 0.00	73.89 1.82 0.00	80.54 2.61 0.00	89.13 2.45 0.00	80.81 1.68 0.00	85.20 1.90 0.00	65.89 0.60 0.00	86.67 0.73 0.00	89.73 2.37 0.00	94.48 3.79 0.00	88.74 2.11 0.00	62.39 1.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.38 3.79 0.00	49.88 2.47 0.00	41.04 1.27 0.00	32.40 1.06 0.00	38.08 0.66 0.00	38.39 1.17 0.00	46.39 1.50 0.00	53.95 1.88 0.00	58.25 3.21 0.00	59.74 4.73 0.00	54.93 4.10 0.00	66.79 5.55 0.00	84.21 6.97 0.00	78.06 5.99 0.00	84.97 7.05 0.00	94.21 7.53 0.00	86.04 6.91 0.00	90.83 7.53 0.00	70.37 5.07 0.00	92.77 6.84 0.00	95.76 8.39 0.00	99.95 9.26 0.00	93.44 6.81 0.00	65.17 4.68 0.00
ARTHUR KILL_GT_1 23520	52.47 1.58 -0.30	49.75 1.97 -0.37	41.90 2.13 0.00	33.12 1.79 0.00	39.16 1.75 0.00	38.99 1.77 0.00	47.08 2.19 0.00	53.17 1.79 0.69	54.84 1.45 1.65	52.39 1.27 3.88	52.81 1.93 -0.04	66.33 2.20 -2.91	81.53 3.15 -1.15	76.00 3.11 -0.82	82.50 3.49 -1.09	91.99 4.75 -0.55	84.67 5.45 -0.09	89.20 5.90 0.00	69.64 4.34 0.00	90.04 4.11 0.00	90.67 3.30 0.00	93.09 2.39 0.00	88.45 1.83 0.00	61.99 1.51 0.00
ARTHUR_KILL_2 23512	52.26 1.36 -0.30	49.56 1.78 -0.37	41.74 1.97 0.00	33.00 1.67 0.00	39.02 1.61 0.00	38.85 1.62 0.00	46.91 2.02 0.00	52.97 1.59 0.69	54.61 1.22 1.65	52.16 1.04 3.88	52.60 1.73 -0.04	66.10 1.96 -2.91	81.24 2.86 -1.15	75.71 2.82 -0.82	82.19 3.18 -1.09	91.63 4.39 -0.55	84.31 5.10 -0.09	88.81 5.51 0.00	69.34 4.05 0.00	89.65 3.72 0.00	90.23 2.87 0.00	92.64 1.95 0.00	88.06 1.43 0.00	61.73 1.25 0.00
ARTHUR_KILL_3 23513	52.31 1.41 -0.31	49.30 1.52 -0.37	41.52 1.75 0.00	32.84 1.51 0.00	38.86 1.44 0.00	38.69 1.47 0.00	46.81 1.92 0.00	53.10 1.73 0.69	55.04 1.39 1.40	52.35 1.23 3.88	52.79 1.91 -0.05	66.27 2.13 -2.90	81.35 2.99 -1.13	75.75 2.87 -0.81	82.21 3.21 -1.07	91.64 4.41 -0.54	84.28 5.07 -0.09	88.84 5.54 0.00	69.17 3.88 0.00	89.34 3.40 0.00	89.89 2.53 0.00	92.37 1.68 0.00	87.76 1.14 0.00	61.51 1.02 0.00

ARTHUR_KILL_COGEN 323718	52.47 1.58 -0.30	49.75 1.97 -0.37	41.90 2.13 0.00	33.12 1.79 0.00	39.16 1.75 0.00	38.99 1.77 0.00	47.08 2.20 0.00	53.17 1.79 0.69	54.83 1.44 1.65	52.38 1.26 3.88	52.81 1.93 -0.04	66.35 2.21 -2.91	81.55 3.17 -1.15	76.00 3.11 -0.82	82.51 3.49 -1.09	91.99 4.75 -0.55	84.66 5.45 -0.09	89.20 5.90 0.00	69.63 4.34 0.00	90.04 4.10 0.00	90.66 3.30 0.00	93.09 2.39 0.00	88.45 1.82 0.00	61.99 1.51 0.00
ASHOKAN____ 23654	-122.43 1.74 174.76	48.96 1.55 0.00	41.32 1.54 0.00	32.66 1.33 0.00	38.71 1.30 0.00	38.57 1.34 0.00	46.42 1.53 0.00	53.66 1.60 0.00	56.67 1.64 0.00	56.39 1.38 0.00	52.42 1.59 0.00	63.53 2.30 0.00	79.92 2.69 0.00	74.71 2.64 0.00	82.21 4.29 0.00	92.25 5.57 0.00	85.18 6.05 0.00	89.78 6.48 0.00	70.36 5.06 0.00	91.65 5.71 0.00	92.38 5.02 0.00	95.06 4.37 0.00	90.17 3.54 0.00	62.90 2.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	52.68 1.78 -0.31	49.63 1.85 -0.37	41.77 2.00 0.00	33.04 1.70 0.00	39.08 1.67 0.00	38.94 1.72 0.00	47.07 2.18 0.00	53.86 2.13 0.34	56.36 1.87 0.55	56.25 1.62 0.37	53.25 2.20 -0.23	65.57 2.40 -1.94	79.74 3.46 0.96	74.55 3.32 0.84	80.57 3.75 1.10	91.10 4.98 0.56	84.51 5.48 0.09	89.24 5.95 0.00	69.48 4.19 0.00	89.77 3.84 0.00	90.32 2.96 0.00	92.83 2.14 0.00	88.24 1.61 0.00	61.82 1.33 0.00
ASTORIA_EAST_ENERGY_CC2 323582	52.68 1.78 -0.31	49.63 1.85 -0.37	41.77 2.00 0.00	33.04 1.70 0.00	39.08 1.67 0.00	38.94 1.72 0.00	47.07 2.18 0.00	53.86 2.13 0.34	56.36 1.87 0.55	56.25 1.62 0.37	53.25 2.20 -0.23	65.57 2.40 -1.94	79.74 3.46 0.96	74.55 3.32 0.84	80.57 3.75 1.10	91.10 4.98 0.56	84.51 5.48 0.09	89.24 5.95 0.00	69.48 4.19 0.00	89.77 3.84 0.00	90.32 2.96 0.00	92.83 2.14 0.00	88.24 1.61 0.00	61.82 1.33 0.00
ASTORIA_GT2_1 24094	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT2_2 24095	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT2_3 24096	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT2_4 24097	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT3_1 24098	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT3_2 24099	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT3_3 24100	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT3_4 24101	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT4_1 24102	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT4_2 24103	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT4_3 24104	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00

ASTORIA_GT4_4 24105	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.69 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.15 0.34	56.38 1.90 0.55	56.29 1.66 0.37	53.29 2.23 -0.23	65.58 2.41 -1.94	79.75 3.47 0.96	74.57 3.34 0.84	80.56 3.74 1.10	91.16 5.04 0.56	84.55 5.52 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.89 2.20 0.00	88.28 1.66 0.00	61.86 1.37 0.00
ASTORIA_GT_1 23523	52.85 1.95 -0.31	49.78 2.00 -0.37	41.89 2.12 0.00	33.13 1.79 0.00	39.19 1.78 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.03 2.30 0.34	56.54 2.05 0.55	56.46 1.83 0.37	53.44 2.38 -0.23	65.78 2.61 -1.94	79.99 3.72 0.96	74.81 3.58 0.84	80.84 4.03 1.10	91.48 5.35 0.56	84.82 5.79 0.09	89.58 6.28 0.00	69.73 4.44 0.00	90.10 4.17 0.00	90.63 3.26 0.00	93.16 2.47 0.00	88.54 1.91 0.00	62.01 1.53 0.00
ASTORIA_GT_10 24110	52.58 1.68 -0.31	49.57 1.79 -0.37	41.71 1.93 0.00	33.00 1.67 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.06 2.18 0.00	54.58 2.09 -0.42	57.36 1.82 -0.50	57.04 1.64 -0.39	53.74 2.24 -0.67	66.55 2.46 -2.87	81.67 3.37 -1.07	76.08 3.25 -0.76	82.60 3.67 -1.00	92.09 4.90 -0.51	84.70 5.49 -0.08	89.23 5.93 0.00	69.50 4.21 0.00	89.76 3.83 0.00	90.26 2.90 0.00	92.70 2.01 0.00	88.04 1.41 0.00	61.68 1.20 0.00
ASTORIA_GT_11 24225	52.58 1.68 -0.31	49.57 1.79 -0.37	41.71 1.93 0.00	33.00 1.67 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.06 2.18 0.00	54.58 2.09 -0.42	57.36 1.82 -0.50	57.04 1.64 -0.39	53.74 2.24 -0.67	66.55 2.46 -2.87	81.67 3.37 -1.07	76.08 3.25 -0.76	82.60 3.67 -1.00	92.09 4.90 -0.51	84.70 5.49 -0.08	89.23 5.93 0.00	69.50 4.21 0.00	89.76 3.83 0.00	90.26 2.90 0.00	92.70 2.01 0.00	88.04 1.41 0.00	61.68 1.20 0.00
ASTORIA_GT_12 24226	52.58 1.68 -0.31	49.57 1.79 -0.37	41.71 1.93 0.00	33.00 1.67 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.06 2.18 0.00	54.58 2.09 -0.42	57.36 1.82 -0.50	57.04 1.64 -0.39	53.74 2.24 -0.67	66.55 2.46 -2.87	81.67 3.37 -1.07	76.08 3.25 -0.76	82.60 3.67 -1.00	92.09 4.90 -0.51	84.70 5.49 -0.08	89.23 5.93 0.00	69.50 4.21 0.00	89.76 3.83 0.00	90.26 2.90 0.00	92.70 2.01 0.00	88.04 1.41 0.00	61.68 1.20 0.00
ASTORIA_GT_13 24227	52.58 1.68 -0.31	49.57 1.79 -0.37	41.71 1.93 0.00	33.00 1.67 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.06 2.18 0.00	54.58 2.09 -0.42	57.36 1.82 -0.50	57.04 1.64 -0.39	53.74 2.24 -0.67	66.55 2.46 -2.87	81.67 3.37 -1.07	76.08 3.25 -0.76	82.60 3.67 -1.00	92.09 4.90 -0.51	84.70 5.49 -0.08	89.23 5.93 0.00	69.50 4.21 0.00	89.76 3.83 0.00	90.26 2.90 0.00	92.70 2.01 0.00	88.04 1.41 0.00	61.68 1.20 0.00
ASTORIA_GT_5 24106	52.85 1.95 -0.31	49.78 2.00 -0.37	41.89 2.12 0.00	33.13 1.79 0.00	39.19 1.78 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.03 2.30 0.34	56.54 2.05 0.55	56.46 1.83 0.37	53.44 2.38 -0.23	65.78 2.61 -1.94	79.99 3.72 0.96	74.81 3.58 0.84	80.84 4.03 1.10	91.48 5.35 0.56	84.82 5.79 0.09	89.58 6.28 0.00	69.73 4.44 0.00	90.10 4.17 0.00	90.63 3.26 0.00	93.16 2.47 0.00	88.54 1.91 0.00	62.01 1.53 0.00
ASTORIA_GT_7 24107	52.85 1.95 -0.31	49.78 2.00 -0.37	41.89 2.12 0.00	33.13 1.79 0.00	39.19 1.78 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.03 2.30 0.34	56.54 2.05 0.55	56.46 1.83 0.37	53.44 2.38 -0.23	65.78 2.61 -1.94	79.99 3.72 0.96	74.81 3.58 0.84	80.84 4.03 1.10	91.48 5.35 0.56	84.82 5.79 0.09	89.58 6.28 0.00	69.73 4.44 0.00	90.10 4.17 0.00	90.63 3.26 0.00	93.16 2.47 0.00	88.54 1.91 0.00	62.01 1.53 0.00
ASTORIA_GT_8 24108	52.85 1.95 -0.31	49.78 2.00 -0.37	41.89 2.12 0.00	33.13 1.79 0.00	39.19 1.78 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.03 2.30 0.34	56.54 2.05 0.55	56.46 1.83 0.37	53.44 2.38 -0.23	65.78 2.61 -1.94	79.99 3.72 0.96	74.81 3.58 0.84	80.84 4.03 1.10	91.48 5.35 0.56	84.82 5.79 0.09	89.58 6.28 0.00	69.73 4.44 0.00	90.10 4.17 0.00	90.63 3.26 0.00	93.16 2.47 0.00	88.54 1.91 0.00	62.01 1.53 0.00
ASTORIA___2 24149	52.71 1.82 -0.31	49.66 1.88 -0.37	41.80 2.03 0.00	33.05 1.72 0.00	39.11 1.70 0.00	38.96 1.73 0.00	47.10 2.21 0.00	53.88 2.16 0.34	56.39 1.91 0.55	56.29 1.66 0.37	53.28 2.22 -0.23	65.60 2.43 -1.94	79.78 3.51 0.96	74.60 3.37 0.84	80.61 3.79 1.10	91.13 5.00 0.56	84.56 5.53 0.09	89.30 6.00 0.00	69.52 4.23 0.00	89.84 3.91 0.00	90.36 3.00 0.00	92.88 2.19 0.00	88.28 1.66 0.00	61.86 1.38 0.00
ASTORIA___3 23516	52.57 1.68 -0.31	49.56 1.78 -0.37	41.70 1.93 0.00	33.00 1.67 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.06 2.18 0.00	54.59 2.09 -0.42	57.36 1.82 -0.50	57.04 1.64 -0.39	53.74 2.25 -0.67	66.56 2.46 -2.87	81.67 3.37 -1.07	76.09 3.27 -0.76	82.61 3.68 -1.00	92.08 4.89 -0.51	84.69 5.48 -0.08	89.23 5.93 0.00	69.50 4.21 0.00	89.74 3.81 0.00	90.24 2.88 0.00	92.69 2.00 0.00	88.03 1.40 0.00	61.68 1.19 0.00
ASTORIA___4 23517	52.58 1.68 -0.31	49.57 1.79 -0.37	41.71 1.93 0.00	33.00 1.67 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.06 2.17 0.00	54.58 2.09 -0.42	57.35 1.81 -0.50	57.04 1.64 -0.39	53.73 2.24 -0.67	66.55 2.45 -2.87	81.66 3.36 -1.07	76.08 3.25 -0.76	82.60 3.67 -1.00	92.09 4.89 -0.51	84.70 5.49 -0.08	89.22 5.92 0.00	69.50 4.21 0.00	89.76 3.82 0.00	90.25 2.88 0.00	92.70 2.01 0.00	88.03 1.40 0.00	61.68 1.19 0.00
ASTORIA___5 23518	52.57 1.68 -0.31	49.57 1.79 -0.37	41.70 1.93 0.00	33.00 1.67 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.06 2.18 0.00	54.59 2.09 -0.42	57.36 1.82 -0.50	57.04 1.64 -0.39	53.74 2.25 -0.67	66.56 2.46 -2.87	81.69 3.39 -1.07	76.09 3.27 -0.76	82.62 3.69 -1.00	92.09 4.90 -0.51	84.69 5.48 -0.08	89.23 5.93 0.00	69.50 4.21 0.00	89.75 3.82 0.00	90.25 2.89 0.00	92.69 2.00 0.00	88.03 1.40 0.00	61.69 1.20 0.00
AST_ENERGY_2_CC3 323677	52.52 1.62 -0.31	49.44 1.66 -0.37	41.61 1.84 0.00	32.92 1.59 0.00	38.95 1.53 0.00	38.80 1.58 0.00	46.93 2.04 0.00	54.45 1.90 -0.48	57.25 1.63 -0.57	56.93 1.47 -0.45	53.61 2.08 -0.70	66.54 2.38 -2.93	81.71 3.28 -1.20	76.10 3.16 -0.87	82.65 3.58 -1.15	92.09 4.83 -0.58	84.67 5.45 -0.09	89.24 5.94 0.00	69.51 4.22 0.00	89.79 3.86 0.00	90.34 2.97 0.00	92.84 2.14 0.00	88.18 1.55 0.00	61.75 1.26 0.00
AST_ENERGY_2_CC4 323678	52.52 1.62 -0.31	49.44 1.66 -0.37	41.61 1.84 0.00	32.92 1.59 0.00	38.95 1.53 0.00	38.80 1.58 0.00	46.93 2.04 0.00	54.45 1.90 -0.48	57.25 1.63 -0.57	56.93 1.47 -0.45	53.61 2.08 -0.70	66.54 2.38 -2.93	81.71 3.28 -1.20	76.10 3.16 -0.87	82.65 3.58 -1.15	92.09 4.83 -0.58	84.67 5.45 -0.09	89.24 5.94 0.00	69.51 4.22 0.00	89.79 3.86 0.00	90.34 2.97 0.00	92.84 2.14 0.00	88.18 1.55 0.00	61.75 1.26 0.00

ATHENS_STG_1 23668	51.15 0.43 -0.13	48.09 0.53 -0.15	40.68 0.90 0.00	32.17 0.83 0.00	38.16 0.75 0.00	37.93 0.71 0.00	45.56 0.67 0.00	52.55 0.48 0.00	55.34 0.30 0.00	55.08 0.07 0.00	51.44 0.43 -0.19	62.69 0.47 -0.99	78.05 0.78 -0.04	72.84 0.78 0.00	78.93 1.01 0.00	88.31 1.63 0.00	81.16 2.03 0.00	85.68 2.38 0.00	67.07 1.78 0.00	87.37 1.43 0.00	88.31 0.95 0.00	91.03 0.34 0.00	86.72 0.10 0.00	60.75 0.26 0.00
ATHENS_STG_2 23670	51.15 0.43 -0.13	48.09 0.53 -0.15	40.68 0.90 0.00	32.17 0.83 0.00	38.16 0.75 0.00	37.93 0.71 0.00	45.56 0.67 0.00	52.55 0.48 0.00	55.34 0.30 0.00	55.08 0.07 0.00	51.44 0.43 -0.19	62.69 0.47 -0.99	78.05 0.78 -0.04	72.84 0.78 0.00	78.93 1.01 0.00	88.31 1.63 0.00	81.16 2.03 0.00	85.68 2.38 0.00	67.07 1.78 0.00	87.37 1.43 0.00	88.31 0.95 0.00	91.03 0.34 0.00	86.72 0.10 0.00	60.75 0.26 0.00
ATHENS_STG_3 23677	51.15 0.43 -0.13	48.09 0.53 -0.15	40.68 0.90 0.00	32.17 0.83 0.00	38.16 0.75 0.00	37.93 0.71 0.00	45.56 0.67 0.00	52.55 0.48 0.00	55.34 0.30 0.00	55.08 0.07 0.00	51.44 0.43 -0.19	62.69 0.47 -0.99	78.05 0.78 -0.04	72.84 0.78 0.00	78.93 1.01 0.00	88.31 1.63 0.00	81.16 2.03 0.00	85.68 2.38 0.00	67.07 1.78 0.00	87.37 1.43 0.00	88.31 0.95 0.00	91.03 0.34 0.00	86.72 0.10 0.00	60.75 0.26 0.00
AUBURN___LFGE 323710	52.61 1.25 -0.77	48.90 0.75 -0.73	40.39 0.62 0.00	31.95 0.62 0.00	37.87 0.45 0.00	37.83 0.61 0.00	45.71 0.70 -0.12	53.91 0.64 -1.21	56.05 0.58 -0.43	56.33 0.92 -0.41	51.84 1.01 0.00	63.32 1.42 -0.67	80.37 1.69 -1.45	74.19 1.48 -0.64	82.05 1.86 -2.26	89.33 1.80 -0.84	81.15 1.98 -0.04	85.76 2.46 -0.01	67.52 2.04 -0.19	92.72 3.30 -3.48	94.56 3.49 -3.71	99.82 3.48 -5.65	93.30 2.57 -4.10	62.86 1.60 -0.78
BABYLON_RES_REC 323704	32.57 1.05 19.07	34.20 1.03 14.25	41.16 1.39 0.01	32.58 1.25 0.00	38.45 1.04 0.01	38.50 1.28 0.00	28.90 1.27 17.26	32.74 1.22 20.54	39.38 1.00 16.65	43.49 0.84 12.35	44.60 1.67 7.90	45.89 1.89 17.23	48.45 2.68 31.46	48.44 2.56 26.19	49.14 2.84 31.63	73.37 4.13 17.45	77.19 5.11 7.04	88.87 5.57 0.00	69.18 3.89 0.00	86.90 3.40 2.43	72.48 2.62 17.50	60.11 1.72 32.30	66.12 0.86 21.37	45.19 0.71 16.00
BALL_HILL_WT_PWR 323825	54.07 3.48 0.00	49.62 2.21 0.00	40.75 0.98 0.00	32.10 0.76 0.00	37.71 0.29 0.00	37.95 0.72 0.00	45.85 0.96 0.00	53.17 1.11 0.00	57.36 2.32 0.00	58.72 3.72 0.00	53.97 3.14 0.00	65.58 4.35 0.00	82.76 5.53 0.00	76.61 4.54 0.00	83.41 5.48 0.00	92.44 5.76 0.00	84.31 5.18 0.00	88.95 5.65 0.00	68.88 3.59 0.00	90.74 4.80 0.00	93.66 6.29 0.00	97.98 7.29 0.00	91.81 5.18 0.00	64.14 3.65 0.00
BARON_WINDS___WT_PWR 323822	53.08 2.49 0.00	48.97 1.55 0.00	40.59 0.82 0.00	32.11 0.77 0.00	37.81 0.40 0.00	37.98 0.75 0.00	45.69 0.80 0.00	52.53 0.46 0.00	56.19 1.15 0.00	56.61 1.60 0.00	52.25 1.42 0.00	63.27 2.04 0.00	79.94 2.71 0.00	73.88 1.82 0.00	80.44 2.51 0.00	89.43 2.74 0.00	82.18 3.05 0.00	86.79 3.49 0.00	67.63 2.34 0.00	89.61 3.68 0.00	91.62 4.25 0.00	95.56 4.86 0.00	89.76 3.14 0.00	62.71 2.22 0.00
BARRETT_IC_1 23704	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_10 23701	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	41.30 0.87 11.64	49.45 0.67 6.26	45.91 0.48 9.58	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.16 4.85 -0.02	68.64 3.23 -0.13	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_11 23702	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	41.30 0.87 11.64	49.45 0.67 6.26	45.91 0.48 9.58	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.16 4.85 -0.02	68.64 3.23 -0.13	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_12 23703	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	41.30 0.87 11.64	49.45 0.67 6.26	45.91 0.48 9.58	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.16 4.85 -0.02	68.64 3.23 -0.13	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_2 23705	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_3 23706	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_4 23707	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_5 23708	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70

BARRETT_IC_6 23709	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_7 23710	56.03 0.85 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.47 1.14 0.00	38.35 0.93 0.00	38.34 1.12 0.00	49.75 1.05 -3.81	49.95 0.89 3.00	49.41 0.63 6.26	50.20 0.47 5.28	49.99 1.31 2.15	59.31 1.49 3.41	67.39 2.26 12.11	65.17 2.14 9.03	69.59 2.52 10.86	86.76 3.63 3.55	87.13 4.47 -3.54	88.23 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.63 2.02 0.75	90.36 1.12 1.45	88.40 0.29 -1.48	62.62 0.44 -1.70
BARRETT_IC_8 23711	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT_IC_9 23700	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	41.30 0.87 11.64	49.45 0.67 6.26	45.91 0.48 9.58	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.16 4.85 -0.02	68.64 3.23 -0.13	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT___1 23545	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	49.93 0.87 3.00	49.45 0.67 6.26	50.21 0.48 5.28	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.22 4.85 -0.08	69.05 3.23 -0.53	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BARRETT___2 23546	56.04 0.86 -4.59	51.85 0.84 -3.59	41.04 1.26 0.00	32.48 1.14 0.00	38.35 0.93 0.00	38.34 1.11 0.00	49.74 1.04 -3.81	41.30 0.87 11.64	49.45 0.67 6.26	45.91 0.48 9.58	50.04 1.36 2.15	59.42 1.60 3.41	67.45 2.32 12.11	65.19 2.15 9.03	69.59 2.52 10.86	86.74 3.60 3.55	87.11 4.44 -3.54	88.16 4.85 -0.02	68.64 3.23 -0.13	88.64 2.71 0.01	88.61 2.00 0.75	90.36 1.12 1.45	88.41 0.30 -1.48	62.61 0.43 -1.70
BATAVIA__115KV_TB1 55881	55.21 4.62 0.00	50.62 3.21 0.00	41.56 1.78 0.00	32.60 1.27 0.00	38.35 0.94 0.00	38.53 1.31 0.00	46.66 1.78 0.00	53.66 1.60 0.00	57.65 2.61 0.00	58.87 3.86 0.00	54.00 3.17 0.00	65.74 4.51 0.00	82.89 5.66 0.00	76.74 4.68 0.00	83.57 5.64 0.00	92.57 5.89 0.00	84.15 5.02 0.00	88.88 5.58 0.00	69.18 3.89 0.00	91.52 5.59 0.00	94.57 7.20 0.00	99.13 8.44 0.00	92.91 6.28 0.00	64.86 4.38 0.00
BAYONEEC___CTG1 323682	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG10 323750	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG2 323683	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG3 323684	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG4 323685	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG5 323686	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG6 323687	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG7 323688	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00

BAYONEEC___CTG8 323689	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BAYONEEC___CTG9 323749	52.59 1.70 -0.31	49.53 1.76 -0.37	41.69 1.92 0.00	32.97 1.64 0.00	39.01 1.59 0.00	38.85 1.63 0.00	47.00 2.12 0.00	54.53 2.00 -0.46	57.28 1.70 -0.54	56.98 1.55 -0.43	53.69 2.17 -0.68	66.61 2.47 -2.90	81.78 3.41 -1.14	76.15 3.27 -0.82	82.69 3.68 -1.08	92.14 4.90 -0.55	84.72 5.50 -0.09	89.30 6.00 0.00	69.56 4.27 0.00	89.85 3.91 0.00	90.39 3.02 0.00	92.89 2.20 0.00	88.23 1.60 0.00	61.80 1.32 0.00
BEACON___LESR 323632	50.26 -0.09 0.24	47.20 0.07 0.28	40.13 0.35 0.00	31.77 0.43 0.00	37.77 0.35 0.00	37.63 0.40 0.00	45.19 0.30 0.00	52.23 0.16 0.00	55.00 -0.04 0.00	54.74 -0.27 0.00	50.36 -0.11 0.36	59.13 -0.21 1.89	77.04 -0.11 0.08	72.27 0.20 0.00	78.49 0.56 0.00	87.87 1.19 0.00	80.61 1.49 0.00	85.28 1.98 0.00	66.98 1.69 0.00	87.36 1.42 0.00	88.34 0.98 0.00	91.05 0.36 0.00	86.63 0.01 0.00	60.31 -0.17 0.00
BEAVER RIVER___HYD 24048	53.66 2.58 -0.49	50.06 2.17 -0.48	41.31 1.53 0.00	32.44 1.11 0.00	38.98 1.56 0.00	38.98 1.75 0.00	47.13 2.16 -0.09	55.41 2.48 -0.87	58.09 2.74 -0.31	57.94 2.64 -0.30	52.96 2.13 0.00	63.83 2.12 -0.48	80.82 2.55 -1.04	74.45 1.93 -0.46	81.85 2.31 -1.62	89.65 2.43 -0.54	80.89 1.74 -0.03	85.39 2.09 -0.01	67.60 2.17 -0.14	93.22 4.79 -2.50	95.88 5.85 -2.67	101.54 6.79 -4.06	95.65 6.08 -2.94	64.80 3.76 -0.56
BEEBEE_GT_13 23619	53.46 2.87 0.00	49.31 1.90 0.00	40.76 0.99 0.00	32.02 0.69 0.00	37.80 0.39 0.00	37.88 0.66 0.00	45.83 0.94 0.00	52.98 0.91 0.00	56.82 1.78 0.00	57.67 2.67 0.00	53.24 2.41 0.00	64.72 3.49 0.00	81.80 4.57 0.00	75.99 3.92 0.00	82.58 4.65 0.00	91.66 4.97 0.00	83.33 4.21 0.00	88.00 4.70 0.00	68.50 3.21 0.00	90.12 4.19 0.00	92.33 4.97 0.00	96.35 5.66 0.00	90.69 4.06 0.00	63.19 2.70 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.19 2.29 -0.31	50.19 2.41 -0.37	42.21 2.44 0.00	33.37 2.04 0.00	39.47 2.05 0.00	39.30 2.08 0.00	47.52 2.63 0.00	55.08 2.55 -0.46	57.88 2.29 -0.55	57.57 2.13 -0.43	54.26 2.74 -0.69	67.30 3.16 -2.91	82.68 4.30 -1.15	77.07 4.17 -0.83	83.69 4.66 -1.10	93.26 6.02 -0.56	85.80 6.59 -0.09	90.39 7.09 0.00	70.44 5.14 0.00	91.03 5.09 0.00	91.58 4.21 0.00	94.06 3.37 0.00	89.31 2.68 0.00	62.56 2.07 0.00
BETHLEHEM___GRP 23843	49.57 -0.80 0.23	46.50 -0.64 0.27	39.62 -0.15 0.00	31.36 0.03 0.00	37.25 -0.16 0.00	37.07 -0.15 0.00	44.49 -0.40 0.00	51.38 -0.69 0.00	54.10 -0.94 0.00	53.76 -1.25 0.00	49.55 -0.95 0.34	58.23 -1.22 1.77	75.76 -1.40 0.07	70.95 -1.11 0.00	77.00 -0.92 0.00	86.06 -0.62 0.00	78.90 -0.22 0.00	83.37 0.07 0.00	65.47 0.17 0.00	85.44 -0.50 0.00	86.53 -0.83 0.00	89.26 -1.43 0.00	85.04 -1.59 0.00	59.58 -0.90 0.00
BETHLEHEM___GS1 323560	49.57 -0.80 0.23	46.50 -0.64 0.27	39.63 -0.15 0.00	31.36 0.03 0.00	37.25 -0.16 0.00	37.07 -0.15 0.00	44.49 -0.40 0.00	51.38 -0.69 0.00	54.10 -0.94 0.00	53.76 -1.25 0.00	49.55 -0.94 0.34	58.24 -1.22 1.77	75.76 -1.40 0.07	70.95 -1.11 0.00	77.00 -0.92 0.00	86.06 -0.62 0.00	78.90 -0.23 0.00	83.37 0.07 0.00	65.48 0.18 0.00	85.44 -0.50 0.00	86.53 -0.83 0.00	89.26 -1.43 0.00	85.04 -1.59 0.00	59.58 -0.91 0.00
BETHLEHEM___GS2 323561	49.57 -0.80 0.23	46.50 -0.64 0.27	39.63 -0.15 0.00	31.36 0.03 0.00	37.25 -0.16 0.00	37.07 -0.15 0.00	44.49 -0.40 0.00	51.38 -0.69 0.00	54.10 -0.94 0.00	53.76 -1.25 0.00	49.55 -0.94 0.34	58.24 -1.22 1.77	75.76 -1.40 0.07	70.95 -1.11 0.00	77.00 -0.92 0.00	86.06 -0.62 0.00	78.90 -0.23 0.00	83.37 0.07 0.00	65.48 0.18 0.00	85.44 -0.50 0.00	86.53 -0.83 0.00	89.26 -1.43 0.00	85.04 -1.59 0.00	59.58 -0.91 0.00
BETHLEHEM___GS3 323562	49.57 -0.80 0.23	46.50 -0.64 0.27	39.63 -0.15 0.00	31.36 0.03 0.00	37.25 -0.16 0.00	37.07 -0.15 0.00	44.49 -0.40 0.00	51.38 -0.69 0.00	54.10 -0.94 0.00	53.76 -1.25 0.00	49.55 -0.94 0.34	58.24 -1.22 1.77	75.76 -1.40 0.07	70.95 -1.11 0.00	77.00 -0.92 0.00	86.06 -0.62 0.00	78.90 -0.23 0.00	83.37 0.07 0.00	65.48 0.18 0.00	85.44 -0.50 0.00	86.53 -0.83 0.00	89.26 -1.43 0.00	85.04 -1.59 0.00	59.58 -0.91 0.00
BETHLEHEM___STEEL 23779	54.32 3.73 0.00	49.79 2.38 0.00	40.84 1.07 0.00	32.09 0.76 0.00	37.68 0.27 0.00	37.89 0.67 0.00	45.82 0.93 0.00	52.92 0.85 0.00	57.10 2.06 0.00	58.44 3.44 0.00	53.72 2.89 0.00	65.36 4.13 0.00	82.47 5.23 0.00	76.27 4.20 0.00	83.14 5.22 0.00	92.12 5.43 0.00	83.91 4.79 0.00	88.54 5.25 0.00	68.54 3.25 0.00	90.18 4.25 0.00	93.08 5.71 0.00	97.40 6.71 0.00	91.32 4.70 0.00	63.80 3.31 0.00
BETHLHEM_115KV_TB1 79974	49.75 -0.63 0.21	46.68 -0.48 0.25	39.76 -0.01 0.00	31.46 0.13 0.00	37.37 -0.05 0.00	37.18 -0.04 0.00	44.62 -0.27 0.00	51.54 -0.52 0.00	54.27 -0.77 0.00	53.94 -1.07 0.00	49.75 -0.76 0.32	58.56 -1.00 1.67	76.05 -1.12 0.07	71.19 -0.88 0.00	77.25 -0.67 0.00	86.32 -0.36 0.00	79.15 0.02 0.00	83.61 0.32 0.00	65.65 0.35 0.00	85.69 -0.24 0.00	86.78 -0.59 0.00	89.52 -1.18 0.00	85.29 -1.34 0.00	59.76 -0.73 0.00
BETHPAGE_CC_5 323564	34.36 1.03 17.25	35.57 1.03 12.88	41.15 1.38 0.00	32.57 1.24 0.00	38.45 1.04 0.00	38.47 1.25 0.00	30.53 1.29 15.64	34.69 1.21 18.57	40.96 0.98 15.07	44.54 0.71 11.18	45.22 1.51 7.12	47.53 1.73 15.43	51.29 2.52 28.46	50.64 2.29 23.72	51.98 2.62 28.57	74.76 3.79 15.72	77.47 4.64 6.30	88.38 5.08 0.00	68.77 3.47 -0.01	86.99 2.87 1.81	73.54 2.11 15.94	62.27 1.24 29.66	67.65 0.54 19.51	46.52 0.62 14.58
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.41 3.82 0.00	49.85 2.44 0.00	40.89 1.12 0.00	32.13 0.80 0.00	37.74 0.32 0.00	37.94 0.72 0.00	45.88 1.00 0.00	53.02 0.95 0.00	57.21 2.17 0.00	58.56 3.55 0.00	53.84 3.01 0.00	65.51 4.28 0.00	82.66 5.43 0.00	76.49 4.42 0.00	83.38 5.45 0.00	92.39 5.71 0.00	84.22 5.09 0.00	88.88 5.59 0.00	68.80 3.51 0.00	90.50 4.57 0.00	93.39 6.03 0.00	97.61 6.92 0.00	91.50 4.87 0.00	63.89 3.40 0.00
BINGHAMTON___COGEN 23790	51.79 1.20 0.00	48.25 0.84 0.00	40.41 0.63 0.00	31.96 0.62 0.00	37.85 0.44 0.00	37.82 0.60 0.00	45.46 0.57 0.00	52.46 0.39 0.00	55.69 0.64 0.00	55.79 0.78 0.00	51.72 0.89 0.00	62.50 1.27 0.00	79.09 1.86 0.00	73.57 1.50 0.00	79.85 1.93 0.00	88.99 2.30 0.00	81.79 2.66 0.00	86.30 3.00 0.00	67.50 2.21 0.00	88.81 2.88 0.00	90.01 2.65 0.00	93.38 2.69 0.00	88.32 1.69 0.00	61.63 1.14 0.00

BIXINCNT_115KV_LOAD 355685	54.42 3.83 0.00	49.92 2.51 0.00	41.06 1.29 0.00	32.30 0.97 0.00	37.96 0.54 0.00	38.20 0.98 0.00	46.23 1.34 0.00	53.47 1.40 0.00	57.57 2.53 0.00	58.82 3.81 0.00	54.10 3.28 0.00	65.58 4.35 0.00	82.68 5.45 0.00	76.46 4.39 0.00	83.05 5.13 0.00	92.10 5.41 0.00	84.34 5.21 0.00	88.99 5.69 0.00	68.91 3.61 0.00	90.65 4.72 0.00	93.40 6.04 0.00	97.54 6.84 0.00	91.49 4.86 0.00	63.90 3.41 0.00
BLACK RIVER___HYD 24047	54.91 3.43 -0.89	51.05 2.78 -0.86	41.76 1.98 0.00	32.87 1.53 0.00	39.42 2.00 0.00	39.48 2.25 0.00	47.77 2.73 -0.16	56.73 3.10 -1.56	59.13 3.54 -0.56	59.13 3.59 -0.53	53.92 3.08 0.00	65.26 3.16 -0.87	82.90 3.79 -1.88	75.96 3.07 -0.83	84.44 3.59 -2.92	91.46 3.81 -0.97	82.16 2.99 -0.05	86.69 3.38 -0.01	68.85 3.30 -0.25	97.25 6.80 -4.51	100.49 8.32 -4.81	107.43 9.42 -7.32	100.22 8.28 -5.31	66.52 5.03 -1.01
BLACKRVR_115KV_TB2 79977	54.91 3.43 -0.89	51.05 2.78 -0.86	41.76 1.99 0.00	32.87 1.53 0.00	39.42 2.01 0.00	39.48 2.25 0.00	47.77 2.73 -0.16	56.73 3.10 -1.56	59.13 3.53 -0.56	59.12 3.59 -0.53	53.92 3.08 0.00	65.26 3.16 -0.87	82.90 3.79 -1.88	75.96 3.07 -0.83	84.44 3.59 -2.92	91.46 3.81 -0.97	82.16 2.99 -0.05	86.69 3.38 -0.01	68.85 3.30 -0.25	97.25 6.80 -4.51	100.48 8.31 -4.81	107.43 9.42 -7.32	100.22 8.28 -5.31	66.52 5.03 -1.01
BLDWN_LI_69_KV_BK4 356085	43.16 1.39 8.82	42.22 1.33 6.52	41.39 1.62 0.00	32.73 1.40 0.00	38.65 1.24 0.00	38.66 1.44 0.00	38.28 1.52 8.13	42.77 1.48 10.78	46.94 1.29 9.40	49.06 1.14 7.09	48.49 1.90 4.23	54.78 2.24 8.69	62.68 3.26 17.82	60.40 3.06 14.73	63.96 3.55 17.52	82.31 4.73 9.10	81.64 5.19 2.67	89.02 5.70 -0.02	69.37 3.93 -0.14	89.52 3.60 0.01	80.90 2.90 9.36	74.85 2.21 18.05	76.93 1.44 11.14	53.58 1.24 8.15
BLISS_WT_PWR 323608	54.40 3.81 0.00	49.88 2.46 0.00	41.04 1.27 0.00	32.27 0.94 0.00	37.92 0.51 0.00	38.20 0.97 0.00	46.22 1.33 0.00	53.47 1.41 0.00	57.59 2.55 0.00	58.83 3.83 0.00	54.11 3.28 0.00	65.56 4.33 0.00	82.71 5.47 0.00	76.50 4.43 0.00	83.08 5.16 0.00	92.13 5.44 0.00	84.39 5.27 0.00	89.00 5.70 0.00	68.92 3.63 0.00	90.64 4.71 0.00	93.42 6.05 0.00	97.54 6.85 0.00	91.51 4.88 0.00	63.91 3.42 0.00
BLUESTONE___WT_PWR 323821	54.05 3.46 0.00	50.35 2.94 0.00	42.04 2.27 0.00	33.28 1.95 0.00	39.56 2.15 0.00	39.55 2.33 0.00	47.42 2.54 0.00	54.90 2.83 0.00	58.30 3.26 0.00	58.27 3.27 0.00	54.00 3.17 0.00	65.27 4.04 0.00	82.60 5.36 0.00	77.03 4.97 0.00	83.61 5.69 0.00	93.27 6.59 0.00	85.56 6.43 0.00	90.81 7.52 0.00	71.40 6.11 0.00	94.26 8.33 0.00	95.62 8.25 0.00	98.79 8.09 0.00	91.72 5.09 0.00	63.15 2.66 0.00
BLUE_CIRC_CHEM_DRP 24182	-135.58 -1.04 185.13	46.40 -0.83 0.17	39.46 -0.31 0.00	31.22 -0.12 0.00	37.09 -0.32 0.00	36.91 -0.32 0.00	44.26 -0.63 0.00	51.13 -0.94 0.00	53.84 -1.20 0.00	53.46 -1.54 0.00	49.29 -1.32 0.22	58.34 -1.73 1.16	75.07 -2.12 0.05	70.19 -1.87 0.00	76.24 -1.69 0.00	85.16 -1.52 0.00	77.94 -1.19 0.00	82.41 -0.89 0.00	64.70 -0.59 0.00	84.68 -1.26 0.00	85.84 -1.52 0.00	88.72 -1.97 0.00	84.61 -2.02 0.00	59.24 -1.25 0.00
BOC_GAS_DRP 24189	62.00 -0.22 -11.63	47.16 -0.09 0.17	40.09 0.32 0.00	31.70 0.37 0.00	37.66 0.24 0.00	37.46 0.23 0.00	44.95 0.06 0.00	51.92 -0.15 0.00	54.70 -0.34 0.00	54.43 -0.58 0.00	50.31 -0.31 0.21	59.70 -0.42 1.11	76.78 -0.41 0.05	71.76 -0.30 0.00	77.81 -0.12 0.00	86.90 0.22 0.00	79.70 0.58 0.00	84.13 0.84 0.00	65.98 0.68 0.00	86.13 0.19 0.00	87.23 -0.13 0.00	90.04 -0.65 0.00	85.86 -0.77 0.00	60.12 -0.36 0.00
BOONVILLE_115KV_TB1 79983	52.74 2.15 0.00	49.19 1.78 0.00	41.16 1.39 0.00	32.41 1.07 0.00	38.73 1.31 0.00	38.67 1.45 0.00	46.59 1.70 0.00	53.94 1.87 0.00	57.06 2.02 0.00	56.96 1.96 0.00	52.65 1.83 0.00	63.30 2.07 0.00	79.93 2.70 0.00	74.41 2.34 0.00	80.61 2.69 0.00	89.75 3.07 0.00	81.92 2.79 0.00	86.63 3.33 0.00	68.25 2.95 0.00	90.57 4.64 0.00	92.47 5.11 0.00	96.13 5.44 0.00	91.27 4.65 0.00	63.38 2.90 0.00
BORALEX_4TH_BRANCH 23824	50.75 0.77 0.61	47.54 0.85 0.72	40.90 1.13 0.00	32.45 1.12 0.00	38.53 1.11 0.00	38.44 1.22 0.00	46.02 1.14 0.00	52.71 1.00 0.35	55.29 0.68 0.42	54.66 -0.01 0.33	49.83 0.09 1.08	55.91 -0.14 5.18	76.19 -0.03 1.01	71.59 0.16 0.64	77.75 0.66 0.84	87.64 1.39 0.43	80.53 1.47 0.07	85.18 1.89 0.00	67.24 1.95 0.00	87.62 1.69 0.00	89.01 1.64 0.00	92.02 1.32 0.00	87.72 1.10 0.00	61.29 0.81 0.00
BOWLINE___1 23526	52.31 1.43 -0.29	49.15 1.40 -0.34	41.34 1.57 0.00	32.69 1.36 0.00	38.69 1.27 0.00	38.51 1.29 0.00	46.55 1.67 0.00	53.96 1.51 -0.38	56.80 1.30 -0.45	56.47 1.11 -0.35	53.13 1.68 -0.62	65.94 2.03 -2.68	81.09 2.90 -0.96	75.49 2.74 -0.68	81.89 3.06 -0.90	91.34 4.20 -0.46	83.98 4.78 -0.07	88.58 5.28 0.00	69.07 3.78 0.00	89.42 3.49 0.00	90.05 2.69 0.00	92.65 1.96 0.00	88.10 1.47 0.00	61.69 1.20 0.00
BOWLINE___2 23595	52.31 1.43 -0.29	49.15 1.40 -0.34	41.34 1.57 0.00	32.69 1.36 0.00	38.69 1.27 0.00	38.51 1.29 0.00	46.55 1.67 0.00	53.96 1.51 -0.38	56.80 1.30 -0.45	56.47 1.11 -0.35	53.13 1.68 -0.62	65.94 2.03 -2.68	81.09 2.90 -0.96	75.49 2.74 -0.68	81.88 3.05 -0.90	91.34 4.20 -0.46	83.98 4.78 -0.07	88.58 5.28 0.00	69.07 3.78 0.00	89.42 3.49 0.00	90.05 2.69 0.00	92.65 1.96 0.00	88.10 1.47 0.00	61.69 1.20 0.00
BRADY___115KV_TB2 356060	51.55 0.95 0.00	48.48 1.07 0.00	40.28 0.51 0.00	31.52 0.18 0.00	38.12 0.70 0.00	37.99 0.76 0.00	46.14 1.25 0.00	53.71 1.65 0.00	56.78 1.74 0.00	56.47 1.46 0.00	51.43 0.60 0.00	61.53 0.30 0.00	77.17 -0.06 0.00	72.02 -0.04 0.00	77.80 -0.12 0.00	86.17 -0.51 0.00	77.67 -1.46 0.00	80.97 -2.33 0.00	63.95 -1.34 0.00	86.48 0.55 0.00	88.65 1.29 0.00	93.01 2.32 0.00	89.45 2.82 0.00	62.31 1.83 0.00
BRANSCOMB___SOLAR 323811	51.98 1.70 0.31	48.64 1.59 0.36	41.41 1.64 0.00	32.76 1.42 0.00	38.92 1.51 0.00	38.81 1.58 0.00	46.57 1.69 0.00	53.71 1.65 0.00	56.48 1.44 0.00	56.01 1.00 0.00	51.32 0.94 0.46	59.59 0.77 2.41	78.23 1.10 0.10	73.32 1.25 0.00	79.70 1.77 0.00	89.60 2.91 0.00	82.04 2.91 0.00	86.83 3.53 0.00	68.71 3.42 0.00	90.16 4.22 0.00	91.59 4.22 0.00	94.63 3.94 0.00	90.07 3.44 0.00	62.83 2.35 0.00
BRDGHMPT_69_KV_BK1 55812	31.01 2.32 21.90	32.89 1.87 16.39	41.72 1.96 0.01	33.06 1.73 0.00	38.95 1.53 0.01	39.06 1.84 0.00	27.19 2.08 19.78	31.19 2.39 23.27	38.57 2.26 18.73	43.59 2.45 13.86	45.00 3.13 8.95	45.25 3.70 19.68	47.05 5.17 35.36	47.40 4.78 29.45	47.53 5.20 35.59	73.89 6.94 19.73	78.94 7.96 8.13	92.08 8.78 0.00	71.40 6.14 0.03	88.89 6.07 3.11	72.48 4.97 19.85	58.36 4.09 36.42	65.50 3.14 24.27	44.37 2.09 18.21

BRENTWOD_69_KV_W. BRTWOOD 56703	30.24 1.08 21.44	32.41 1.03 16.04	41.19 1.42 0.01	32.63 1.29 0.00	38.48 1.08 0.01	38.57 1.35 0.00	26.82 1.30 19.36	30.53 1.17 22.71	37.65 0.88 18.26	42.29 0.80 13.51	43.78 1.68 8.73	43.98 1.92 19.17	45.47 2.71 34.47	45.84 2.50 28.72	46.11 2.88 34.69	71.60 4.15 19.23	76.45 5.26 7.93	88.87 5.58 0.00	68.97 3.70 0.02	85.05 3.04 3.93	69.77 2.17 19.76	56.22 1.28 35.75	63.52 0.69 23.79	43.23 0.59 17.85
BRISTLHL_115KV_TB1 79998	52.66 -0.13 -2.20	49.19 -0.37 -2.14	39.41 -0.37 0.00	31.09 -0.25 0.00	36.92 -0.49 0.00	36.84 -0.38 0.00	44.74 -0.53 -0.39	55.24 -0.71 -3.88	55.82 -0.60 -1.39	55.79 -0.54 -1.32	50.41 -0.42 0.00	63.01 -0.37 -2.16	81.57 -0.34 -4.67	73.80 -0.32 -2.06	84.95 -0.23 -7.26	88.94 -0.16 -2.41	79.37 0.12 -0.12	83.55 0.23 -0.02	66.09 0.17 -0.62	97.42 0.26 -11.23	99.61 0.28 -11.97	109.10 0.21 -18.20	99.46 -0.38 -13.21	62.60 -0.39 -2.50
BROOKHAVEN___DRP 24191	29.37 0.68 21.91	31.49 0.47 16.39	40.64 0.88 0.01	32.23 0.89 0.00	37.96 0.55 0.01	38.06 0.83 0.00	25.88 0.78 19.78	29.58 0.79 23.28	36.72 0.41 18.73	41.54 0.40 13.87	43.04 1.17 8.96	42.84 1.30 19.69	43.79 1.94 35.37	44.43 1.82 29.46	44.47 2.15 35.61	70.23 3.28 19.74	75.46 4.47 8.14	88.17 4.88 0.00	68.53 3.27 0.03	85.36 2.49 3.06	68.97 1.44 19.84	54.73 0.48 36.44	62.06 -0.30 24.28	42.15 -0.12 18.22
BROOKLYN_NAVY_YARD 23515	52.58 1.68 -0.31	49.50 1.72 -0.37	41.64 1.87 0.00	32.94 1.61 0.00	38.98 1.56 0.00	38.83 1.61 0.00	47.00 2.11 0.00	53.22 2.07 0.92	55.54 1.81 1.31	55.73 1.66 0.94	52.98 2.25 0.09	65.10 2.60 -1.27	78.37 3.56 2.42	73.51 3.43 1.99	79.17 3.87 2.63	90.39 5.04 1.34	84.50 5.59 0.22	89.39 6.10 0.00	69.62 4.33 0.00	89.92 3.99 0.00	90.44 3.07 0.00	92.96 2.27 0.00	88.31 1.68 0.00	61.81 1.33 0.00
BROOKLYN___ARMY_DRP 323595	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
BROOME_2_LFGE 323671	51.78 1.20 0.00	48.25 0.84 0.00	40.41 0.63 0.00	31.96 0.62 0.00	37.85 0.44 0.00	37.82 0.60 0.00	45.46 0.57 0.00	52.46 0.39 0.00	55.69 0.65 0.00	55.79 0.79 0.00	51.72 0.89 0.00	62.50 1.26 0.00	79.08 1.85 0.00	73.56 1.49 0.00	79.85 1.93 0.00	88.98 2.29 0.00	81.78 2.66 0.00	86.30 3.00 0.00	67.50 2.21 0.00	88.83 2.90 0.00	90.01 2.65 0.00	93.38 2.69 0.00	88.31 1.68 0.00	61.62 1.14 0.00
BROOME___LFGE 323600	51.78 1.20 0.00	48.25 0.84 0.00	40.41 0.63 0.00	31.96 0.62 0.00	37.85 0.44 0.00	37.82 0.60 0.00	45.46 0.57 0.00	52.46 0.39 0.00	55.69 0.65 0.00	55.79 0.79 0.00	51.72 0.89 0.00	62.50 1.26 0.00	79.08 1.85 0.00	73.56 1.49 0.00	79.85 1.93 0.00	88.98 2.29 0.00	81.78 2.66 0.00	86.30 3.00 0.00	67.50 2.21 0.00	88.83 2.90 0.00	90.01 2.65 0.00	93.38 2.69 0.00	88.31 1.68 0.00	61.62 1.14 0.00
BROWNFLS_115KV_TB 3_5 80003	52.45 1.52 -0.33	49.09 1.36 -0.32	40.58 0.81 0.00	31.83 0.50 0.00	38.35 0.93 0.00	38.29 1.07 0.00	46.41 1.46 -0.06	54.46 1.81 -0.58	57.21 1.96 -0.21	56.97 1.77 -0.20	51.97 1.14 0.00	62.34 0.79 -0.33	78.60 0.66 -0.70	72.61 0.23 -0.31	79.37 0.35 -1.10	87.23 0.18 -0.37	78.62 -0.52 -0.02	82.54 -0.76 0.00	65.31 -0.07 -0.09	89.43 1.81 -1.69	91.86 2.69 -1.80	97.13 3.70 -2.74	92.30 3.67 -1.99	63.20 2.33 -0.38
BROWNSV1_27_KV_LOAD 356125	53.36 2.46 -0.31	50.21 2.43 -0.37	42.20 2.43 0.00	33.38 2.05 0.00	39.48 2.06 0.00	39.34 2.12 0.00	47.61 2.72 0.00	55.31 2.74 -0.50	58.20 2.56 -0.60	57.89 2.42 -0.47	54.51 2.98 -0.71	67.66 3.47 -2.95	83.18 4.71 -1.25	77.49 4.51 -0.90	84.16 5.04 -1.19	93.72 6.43 -0.61	86.16 6.93 -0.10	90.80 7.50 0.00	70.69 5.40 0.00	91.32 5.39 0.00	91.92 4.55 0.00	94.46 3.77 0.00	89.69 3.06 0.00	62.78 2.29 0.00
BURROWS___LYONSDAL 23803	53.07 2.25 -0.23	49.50 1.86 -0.23	41.19 1.42 0.00	32.41 1.07 0.00	38.79 1.37 0.00	38.74 1.52 0.00	46.72 1.80 -0.04	54.47 2.00 -0.40	57.33 2.15 -0.15	57.23 2.09 -0.14	52.71 1.87 0.00	63.52 2.06 -0.23	80.39 2.67 -0.49	74.51 2.23 -0.22	81.28 2.60 -0.76	89.86 2.92 -0.26	81.69 2.55 -0.01	86.37 3.07 0.00	68.16 2.81 -0.06	91.82 4.72 -1.17	93.94 5.32 -1.25	98.37 5.77 -1.91	93.01 4.99 -1.38	63.86 3.12 -0.26
CAITHNESS_CC_1 323624	29.27 0.59 21.92	31.44 0.43 16.40	40.63 0.86 0.01	32.22 0.89 0.00	37.94 0.53 0.01	38.03 0.81 0.00	25.81 0.72 19.80	29.47 0.68 23.29	36.63 0.34 18.74	41.39 0.27 13.88	42.97 1.10 8.96	42.79 1.26 19.70	43.68 1.84 35.39	44.31 1.72 29.47	44.32 2.03 35.62	70.03 3.10 19.75	75.26 4.27 8.14	87.95 4.66 0.00	68.35 3.08 0.03	85.16 2.24 3.01	68.74 1.21 19.84	54.51 0.27 36.45	61.86 -0.48 24.29	42.00 -0.26 18.23
CALPINE BETH_PAGE_GT4 24209	36.56 1.16 15.19	37.26 1.17 11.32	41.26 1.49 0.00	32.65 1.31 0.00	38.56 1.14 0.00	38.57 1.35 0.00	32.50 1.41 13.80	37.12 1.35 16.29	42.94 1.10 13.20	45.92 0.72 9.80	46.10 1.49 6.21	49.59 1.70 13.34	54.84 2.56 24.95	53.54 2.30 20.83	55.56 2.62 24.99	76.78 3.79 13.70	78.29 4.61 5.45	88.34 5.03 0.00	68.78 3.46 -0.03	87.71 2.87 1.09	75.31 2.11 14.16	65.26 1.22 26.65	69.76 0.53 17.40	48.24 0.73 12.97
CALPINE_BETH_PAGE_GT_4 323586	36.56 1.16 15.19	37.25 1.16 11.32	41.25 1.49 0.00	32.65 1.31 0.00	38.56 1.14 0.00	38.56 1.34 0.00	32.49 1.40 13.80	37.14 1.36 16.29	42.97 1.14 13.20	45.94 0.73 9.80	46.15 1.54 6.21	49.68 1.79 13.34	54.89 2.61 24.95	53.56 2.31 20.83	55.56 2.62 24.99	76.77 3.78 13.70	78.26 4.58 5.45	88.34 5.03 0.00	68.77 3.46 -0.03	87.71 2.87 1.09	75.30 2.09 14.16	65.27 1.23 26.65	69.74 0.51 17.40	48.21 0.70 12.97
CALPINE_BP_GT1 23823	36.56 1.16 15.19	37.25 1.16 11.32	41.25 1.49 0.00	32.65 1.31 0.00	38.56 1.14 0.00	38.56 1.34 0.00	32.49 1.40 13.80	37.14 1.36 16.29	42.97 1.14 13.20	45.94 0.73 9.80	46.15 1.54 6.21	49.68 1.79 13.34	54.89 2.61 24.95	53.56 2.31 20.83	55.56 2.62 24.99	76.77 3.78 13.70	78.26 4.58 5.45	88.34 5.03 0.00	68.77 3.46 -0.03	87.71 2.87 1.09	75.30 2.09 14.16	65.27 1.23 26.65	69.74 0.51 17.40	48.21 0.70 12.97
CALSPAN___DRP 24200	54.32 3.73 0.00	49.79 2.38 0.00	40.84 1.07 0.00	32.09 0.76 0.00	37.68 0.27 0.00	37.89 0.67 0.00	45.82 0.93 0.00	52.92 0.85 0.00	57.10 2.06 0.00	58.44 3.44 0.00	53.72 2.89 0.00	65.36 4.13 0.00	82.47 5.23 0.00	76.27 4.20 0.00	83.14 5.22 0.00	92.12 5.43 0.00	83.91 4.79 0.00	88.54 5.25 0.00	68.54 3.25 0.00	90.18 4.25 0.00	93.08 5.71 0.00	97.40 6.71 0.00	91.32 4.70 0.00	63.80 3.31 0.00

CALVERTON___SOLAR 323806	29.55 0.86 21.90	31.61 0.59 16.39	40.74 0.97 0.01	32.29 0.96 0.00	38.05 0.64 0.01	38.13 0.91 0.00	25.98 0.88 19.78	29.76 0.96 23.27	36.96 0.66 18.73	41.77 0.63 13.87	43.25 1.37 8.96	43.13 1.59 19.69	44.14 2.27 35.37	44.73 2.12 29.46	44.78 2.46 35.61	70.58 3.63 19.74	75.81 4.82 8.14	88.60 5.30 0.00	68.87 3.61 0.03	85.75 2.89 3.08	69.36 1.85 19.85	55.14 0.88 36.43	62.42 0.07 24.27	42.34 0.06 18.21
CANDIGU_WT_PWR 323617	53.08 2.49 0.00	48.97 1.55 0.00	40.59 0.82 0.00	32.11 0.77 0.00	37.81 0.40 0.00	37.98 0.75 0.00	45.69 0.80 0.00	52.53 0.46 0.00	56.19 1.15 0.00	56.61 1.60 0.00	52.25 1.42 0.00	63.27 2.04 0.00	79.94 2.71 0.00	73.88 1.82 0.00	80.44 2.51 0.00	89.43 2.74 0.00	82.18 3.05 0.00	86.79 3.49 0.00	67.63 2.34 0.00	89.61 3.68 0.00	91.62 4.25 0.00	95.56 4.86 0.00	89.76 3.14 0.00	62.71 2.22 0.00
CARR STREET_E_SYR 24060	50.64 0.05 0.00	47.19 -0.22 0.00	39.52 -0.25 0.00	31.18 -0.15 0.00	37.02 -0.39 0.00	36.93 -0.29 0.00	44.49 -0.40 0.00	51.48 -0.59 0.00	54.60 -0.44 0.00	54.72 -0.29 0.00	50.69 -0.14 0.00	61.25 0.02 0.00	77.44 0.20 0.00	72.16 0.10 0.00	78.24 0.31 0.00	87.11 0.43 0.00	79.78 0.65 0.00	84.13 0.83 0.00	65.89 0.60 0.00	86.67 0.74 0.00	88.10 0.74 0.00	91.35 0.66 0.00	86.62 -0.01 0.00	60.36 -0.12 0.00
CARTHAGE___PAPER 23857	54.66 3.34 -0.73	50.93 2.80 -0.71	41.79 2.02 0.00	32.84 1.51 0.00	39.45 2.04 0.00	39.49 2.27 0.00	47.80 2.78 -0.13	56.58 3.22 -1.29	59.08 3.58 -0.46	58.97 3.53 -0.44	53.73 2.90 0.00	64.92 2.97 -0.72	82.36 3.57 -1.56	75.67 2.92 -0.69	83.73 3.39 -2.41	91.18 3.69 -0.81	81.94 2.77 -0.04	86.48 3.18 -0.01	68.65 3.15 -0.21	96.11 6.44 -3.74	98.91 7.57 -3.98	105.36 8.61 -6.06	98.71 7.69 -4.39	66.05 4.73 -0.83
CASSADAGA_WT_PWR 323784	54.63 4.04 0.00	50.15 2.74 0.00	41.33 1.56 0.00	32.61 1.28 0.00	38.34 0.93 0.00	38.66 1.44 0.00	46.77 1.88 0.00	54.39 2.32 0.00	58.68 3.64 0.00	60.17 5.17 0.00	55.34 4.51 0.00	67.19 5.96 0.00	84.74 7.51 0.00	78.60 6.54 0.00	85.44 7.51 0.00	94.76 8.08 0.00	86.76 7.63 0.00	91.59 8.29 0.00	70.96 5.67 0.00	93.54 7.61 0.00	96.44 9.07 0.00	100.50 9.81 0.00	93.98 7.35 0.00	65.56 5.07 0.00
CE_DUNWOOD___DRP 24194	52.50 1.60 -0.31	49.36 1.59 -0.37	41.51 1.74 0.00	32.84 1.51 0.00	38.84 1.43 0.00	38.70 1.48 0.00	46.76 1.87 0.00	54.36 1.75 -0.54	57.23 1.55 -0.64	56.87 1.36 -0.50	53.48 1.92 -0.72	66.48 2.27 -2.98	81.74 3.19 -1.32	76.09 3.06 -0.96	82.68 3.48 -1.27	91.99 4.66 -0.65	84.43 5.20 -0.11	89.00 5.70 0.00	69.40 4.11 0.00	89.78 3.85 0.00	90.39 3.02 0.00	92.96 2.26 0.00	88.28 1.66 0.00	61.83 1.34 0.00
CE_MILLWOOD___DRP 24193	52.40 1.51 -0.31	49.27 1.50 -0.36	41.43 1.66 0.00	32.78 1.45 0.00	38.78 1.36 0.00	38.62 1.40 0.00	46.67 1.78 0.00	54.16 1.65 -0.45	57.02 1.44 -0.53	56.68 1.25 -0.42	53.31 1.80 -0.68	66.24 2.13 -2.87	81.38 3.02 -1.12	75.76 2.89 -0.81	82.28 3.29 -1.07	91.66 4.44 -0.54	84.19 4.98 -0.09	88.78 5.49 0.00	69.23 3.94 0.00	89.61 3.68 0.00	90.24 2.88 0.00	92.81 2.11 0.00	88.19 1.57 0.00	61.73 1.25 0.00
CE_NYC2_DRP 24202	52.61 1.71 -0.31	49.58 1.80 -0.37	41.73 1.96 0.00	33.01 1.68 0.00	39.08 1.66 0.00	38.94 1.72 0.00	47.08 2.20 0.00	54.62 2.13 -0.42	57.39 1.85 -0.50	57.09 1.69 -0.40	53.79 2.29 -0.67	66.61 2.51 -2.87	81.73 3.43 -1.07	76.14 3.31 -0.76	82.67 3.74 -1.01	92.17 4.97 -0.51	84.75 5.55 -0.08	89.31 6.01 0.00	69.55 4.26 0.00	89.82 3.89 0.00	90.31 2.95 0.00	92.78 2.09 0.00	88.11 1.48 0.00	61.73 1.24 0.00
CE_NYC_DRP 24195	52.73 1.83 -0.31	49.63 1.85 -0.37	41.77 1.99 0.00	33.04 1.71 0.00	39.09 1.67 0.00	38.94 1.72 0.00	47.11 2.22 0.00	54.71 2.14 -0.50	57.54 1.90 -0.60	57.23 1.75 -0.47	53.89 2.35 -0.71	66.89 2.70 -2.96	82.21 3.72 -1.26	76.53 3.56 -0.91	83.15 4.02 -1.20	92.56 5.27 -0.61	85.06 5.84 -0.10	89.64 6.35 0.00	69.82 4.52 0.00	90.20 4.27 0.00	90.77 3.40 0.00	93.26 2.57 0.00	88.56 1.93 0.00	62.02 1.53 0.00
CHAFFEE___LFGE 323603	54.51 3.92 0.00	49.99 2.58 0.00	41.00 1.23 0.00	32.21 0.88 0.00	37.83 0.41 0.00	38.04 0.82 0.00	45.99 1.11 0.00	53.15 1.08 0.00	57.36 2.32 0.00	58.72 3.71 0.00	53.89 3.06 0.00	65.55 4.32 0.00	82.74 5.50 0.00	76.57 4.51 0.00	83.47 5.55 0.00	92.50 5.81 0.00	84.43 5.31 0.00	89.10 5.80 0.00	69.00 3.70 0.00	90.78 4.85 0.00	93.65 6.28 0.00	97.84 7.15 0.00	91.69 5.06 0.00	64.01 3.52 0.00
CHATEAUG_35_KV_LOAD 355732	50.39 -0.20 0.00	47.42 0.01 0.00	39.35 -0.42 0.00	30.75 -0.58 0.00	37.11 -0.31 0.00	37.02 -0.21 0.00	44.93 0.04 0.00	52.39 0.33 0.00	55.51 0.47 0.00	55.55 0.54 0.00	50.76 -0.07 0.00	60.99 -0.24 0.00	76.68 -0.56 0.00	71.63 -0.44 0.00	77.40 -0.52 0.00	85.69 -1.00 0.00	77.37 -1.75 0.00	81.11 -2.19 0.00	63.68 -1.61 0.00	84.70 -1.23 0.00	86.77 -0.59 0.00	90.89 0.20 0.00	87.31 0.68 0.00	60.78 0.29 0.00
CHATEAUG_WT_PWR 323614	50.29 -0.30 0.00	47.32 -0.09 0.00	39.30 -0.47 0.00	30.72 -0.61 0.00	37.04 -0.37 0.00	36.95 -0.27 0.00	44.84 -0.05 0.00	52.32 0.25 0.00	55.43 0.39 0.00	55.46 0.45 0.00	50.71 -0.12 0.00	60.93 -0.30 0.00	76.62 -0.61 0.00	71.59 -0.48 0.00	77.38 -0.55 0.00	85.67 -1.02 0.00	77.40 -1.72 0.00	81.16 -2.14 0.00	63.70 -1.60 0.00	84.63 -1.30 0.00	86.53 -0.84 0.00	90.52 -0.17 0.00	86.96 0.34 0.00	60.56 0.07 0.00
CHAT_HIGH_FALL_HYD 323578	50.39 -0.20 0.00	47.42 0.01 0.00	39.35 -0.42 0.00	30.75 -0.58 0.00	37.11 -0.31 0.00	37.02 -0.21 0.00	44.93 0.04 0.00	52.39 0.33 0.00	55.51 0.47 0.00	55.55 0.54 0.00	50.76 -0.07 0.00	60.99 -0.24 0.00	76.68 -0.56 0.00	71.63 -0.44 0.00	77.40 -0.52 0.00	85.69 -1.00 0.00	77.37 -1.75 0.00	81.11 -2.19 0.00	63.68 -1.61 0.00	84.70 -1.23 0.00	86.77 -0.59 0.00	90.89 0.20 0.00	87.31 0.68 0.00	60.78 0.29 0.00
CHAUTAUQUA___LFGE 323629	54.32 3.73 0.00	49.83 2.42 0.00	40.96 1.19 0.00	32.33 1.00 0.00	37.97 0.56 0.00	38.26 1.04 0.00	46.22 1.34 0.00	53.75 1.68 0.00	57.97 2.93 0.00	59.39 4.38 0.00	54.61 3.78 0.00	66.37 5.14 0.00	83.69 6.46 0.00	77.53 5.47 0.00	84.40 6.47 0.00	93.54 6.86 0.00	85.41 6.28 0.00	90.16 6.86 0.00	69.83 4.53 0.00	92.08 6.14 0.00	95.05 7.69 0.00	99.28 8.59 0.00	92.92 6.29 0.00	64.86 4.37 0.00
CHERRYST_13_KV_LD 356241	52.91 2.01 -0.31	49.79 2.02 -0.37	41.89 2.12 0.00	33.14 1.81 0.00	39.22 1.81 0.00	39.08 1.86 0.00	47.29 2.41 0.00	54.96 2.39 -0.50	57.82 2.18 -0.60	57.54 2.06 -0.47	54.17 2.63 -0.71	67.25 3.07 -2.96	82.64 4.15 -1.25	76.96 3.98 -0.91	83.58 4.45 -1.20	93.06 5.76 -0.61	85.52 6.30 -0.10	90.10 6.80 0.00	70.15 4.86 0.00	90.58 4.65 0.00	91.12 3.76 0.00	93.64 2.95 0.00	88.90 2.27 0.00	62.24 1.75 0.00

CHESTROR_138KV_BK263 355645	52.12 1.27 -0.26	48.97 1.25 -0.31	41.18 1.41 0.00	32.57 1.24 0.00	38.55 1.14 0.00	38.38 1.16 0.00	46.33 1.44 0.00	53.35 1.29 0.00	56.16 1.12 0.00	55.94 0.93 0.00	52.60 1.38 -0.39	65.01 1.71 -2.07	79.83 2.51 -0.09	74.46 2.39 0.00	80.67 2.75 0.00	90.45 3.76 0.00	83.46 4.34 0.00	88.08 4.79 0.00	68.76 3.47 0.00	89.26 3.33 0.00	90.02 2.66 0.00	92.68 1.99 0.00	88.11 1.48 0.00	61.64 1.15 0.00
CH_MIDHUDSON___DRP 24192	52.33 1.52 -0.22	49.16 1.49 -0.26	41.41 1.64 0.00	32.76 1.42 0.00	38.79 1.38 0.00	38.63 1.41 0.00	46.60 1.71 0.00	53.70 1.63 0.00	56.53 1.50 0.00	56.29 1.28 0.00	52.90 1.74 -0.33	65.06 2.08 -1.75	80.28 2.97 -0.07	74.98 2.91 0.00	81.31 3.38 0.00	91.26 4.58 0.00	84.15 5.03 0.00	88.84 5.54 0.00	69.37 4.07 0.00	89.96 4.03 0.00	90.64 3.28 0.00	93.23 2.54 0.00	88.54 1.91 0.00	61.93 1.44 0.00
CH_MISC_IPPS 23765	52.84 2.00 -0.24	49.61 1.91 -0.29	41.74 1.97 0.00	33.01 1.67 0.00	39.07 1.66 0.00	38.92 1.69 0.00	46.98 2.09 0.00	54.15 2.08 0.00	57.03 1.99 0.00	56.80 1.79 0.00	53.41 2.22 -0.36	65.85 2.71 -1.91	81.12 3.81 -0.08	75.76 3.69 0.00	82.17 4.25 0.00	92.27 5.59 0.00	85.11 5.99 0.00	89.86 6.56 0.00	70.15 4.85 0.00	90.97 5.03 0.00	91.65 4.28 0.00	94.23 3.54 0.00	89.45 2.82 0.00	62.51 2.02 0.00
CH_RES_BVR_FALLS 23983	50.37 -0.22 0.00	47.32 -0.09 0.00	39.56 -0.21 0.00	31.10 -0.23 0.00	37.32 -0.10 0.00	37.14 -0.08 0.00	44.87 -0.02 0.00	52.17 0.10 0.00	55.19 0.15 0.00	55.16 0.15 0.00	50.77 -0.06 0.00	61.08 -0.15 0.00	76.95 -0.28 0.00	71.82 -0.25 0.00	77.64 -0.28 0.00	86.26 -0.43 0.00	78.46 -0.66 0.00	82.51 -0.79 0.00	64.72 -0.57 0.00	85.42 -0.51 0.00	87.02 -0.34 0.00	90.58 -0.11 0.00	86.67 0.05 0.00	60.48 0.00 0.00
CH_RES_NIAGARA 23895	52.94 2.34 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.21 -0.12 0.00	36.65 -0.76 0.00	36.83 -0.40 0.00	44.40 -0.49 0.00	51.05 -1.01 0.00	55.22 0.18 0.00	56.60 1.59 0.00	51.86 1.03 0.00	63.17 1.94 0.00	79.62 2.39 0.00	73.54 1.47 0.00	80.16 2.23 0.00	88.70 2.01 0.00	80.30 1.17 0.00	84.66 1.36 0.00	65.41 0.11 0.00	85.99 0.05 0.00	89.00 1.64 0.00	93.95 3.26 0.00	88.51 1.89 0.00	61.98 1.49 0.00
CH_RES_SYRACUSE 23985	52.06 0.56 -0.91	48.56 0.27 -0.89	39.93 0.16 0.00	31.52 0.18 0.00	37.41 -0.01 0.00	37.33 0.11 0.00	45.14 0.09 -0.15	53.61 -0.02 -1.55	55.69 0.09 -0.55	55.74 0.21 -0.53	51.09 0.26 0.00	62.55 0.45 -0.86	79.69 0.58 -1.87	73.23 0.34 -0.82	81.41 0.58 -2.90	88.36 0.68 -1.00	80.06 0.88 -0.05	84.42 1.11 -0.01	66.41 0.87 -0.25	91.64 1.22 -4.49	93.41 1.26 -4.79	99.13 1.16 -7.28	92.39 0.48 -5.29	61.68 0.19 -1.00
CLINTON_WT_PWR 323605	50.29 -0.30 0.00	47.32 -0.09 0.00	39.30 -0.47 0.00	30.72 -0.61 0.00	37.04 -0.37 0.00	36.95 -0.27 0.00	44.84 -0.05 0.00	52.32 0.25 0.00	55.43 0.39 0.00	55.46 0.45 0.00	50.71 -0.12 0.00	60.93 -0.30 0.00	76.62 -0.61 0.00	71.59 -0.48 0.00	77.38 -0.55 0.00	85.67 -1.02 0.00	77.40 -1.72 0.00	81.16 -2.14 0.00	63.70 -1.60 0.00	84.63 -1.30 0.00	86.53 -0.84 0.00	90.52 -0.17 0.00	86.96 0.34 0.00	60.56 0.07 0.00
CLINTON___LFGE 323618	50.68 0.09 0.00	47.65 0.24 0.00	39.54 -0.24 0.00	30.90 -0.44 0.00	37.26 -0.16 0.00	37.16 -0.06 0.00	45.11 0.22 0.00	52.53 0.46 0.00	55.58 0.55 0.00	55.61 0.60 0.00	50.85 0.01 0.00	61.10 -0.13 0.00	76.87 -0.36 0.00	71.94 -0.13 0.00	77.88 -0.04 0.00	86.17 -0.51 0.00	77.83 -1.30 0.00	81.61 -1.69 0.00	64.10 -1.19 0.00	85.38 -0.55 0.00	87.37 0.00 0.00	91.41 0.72 0.00	87.70 1.07 0.00	60.98 0.50 0.00
COBBLENY_34_KV_TB1 80064	54.51 3.92 0.00	49.98 2.57 0.00	41.00 1.23 0.00	32.21 0.87 0.00	37.82 0.41 0.00	38.04 0.82 0.00	46.00 1.11 0.00	53.14 1.07 0.00	57.35 2.32 0.00	58.71 3.70 0.00	53.91 3.08 0.00	65.59 4.35 0.00	82.72 5.49 0.00	76.57 4.51 0.00	83.48 5.55 0.00	92.54 5.86 0.00	84.42 5.29 0.00	89.10 5.80 0.00	69.00 3.70 0.00	90.77 4.84 0.00	93.64 6.27 0.00	97.83 7.14 0.00	91.68 5.05 0.00	63.99 3.50 0.00
COFFEEN___115KV_TB3 355620	55.36 3.86 -0.91	51.43 3.13 -0.89	42.05 2.28 0.00	33.09 1.76 0.00	39.67 2.26 0.00	39.74 2.52 0.00	48.09 3.04 -0.16	57.11 3.44 -1.61	59.52 3.90 -0.57	59.59 4.04 -0.55	54.34 3.51 0.00	65.68 3.56 -0.89	83.43 4.26 -1.94	76.39 3.47 -0.85	85.01 4.08 -3.01	91.88 4.19 -1.00	82.54 3.37 -0.05	87.16 3.86 -0.01	69.23 3.68 -0.26	98.04 7.46 -4.65	101.59 9.27 -4.96	108.72 10.49 -7.54	101.31 9.21 -5.47	67.12 5.59 -1.04
COLDSPRG_115KV_BK1 355956	54.90 4.31 0.00	50.46 3.05 0.00	41.58 1.81 0.00	32.81 1.48 0.00	38.55 1.13 0.00	38.81 1.58 0.00	47.01 2.12 0.00	54.56 2.50 0.00	58.72 3.68 0.00	60.05 5.05 0.00	55.22 4.39 0.00	66.81 5.58 0.00	84.26 7.03 0.00	78.18 6.12 0.00	84.72 6.79 0.00	93.99 7.31 0.00	86.31 7.19 0.00	91.17 7.87 0.00	70.62 5.33 0.00	92.99 7.06 0.00	95.74 8.37 0.00	99.67 8.98 0.00	93.36 6.74 0.00	65.23 4.75 0.00
COLONIE_LFGE___ 323577	50.97 0.74 0.36	47.74 0.75 0.43	40.76 0.99 0.00	32.26 0.92 0.00	38.32 0.91 0.00	38.19 0.97 0.00	45.84 0.95 0.00	52.89 0.83 0.00	55.66 0.62 0.00	55.19 0.19 0.00	50.61 0.32 0.54	58.61 0.22 2.84	77.50 0.39 0.12	72.64 0.57 0.00	78.90 0.97 0.00	88.41 1.73 0.00	80.93 1.81 0.00	85.56 2.26 0.00	67.39 2.10 0.00	88.03 2.10 0.00	89.35 1.98 0.00	92.23 1.54 0.00	87.86 1.23 0.00	61.39 0.90 0.00
COOPERNY_115KV_TB1 80082	51.75 0.98 -0.18	48.57 0.94 -0.22	40.87 1.10 0.00	32.30 0.97 0.00	38.27 0.86 0.00	38.09 0.87 0.00	45.92 1.04 0.00	52.96 0.89 0.00	55.82 0.78 0.00	55.68 0.68 0.00	52.15 1.05 -0.27	63.98 1.33 -1.43	79.26 1.96 -0.06	73.93 1.86 0.00	80.03 2.11 0.00	89.55 2.86 0.00	82.46 3.34 0.00	87.05 3.75 0.00	68.03 2.74 0.00	88.67 2.74 0.00	89.54 2.18 0.00	92.30 1.61 0.00	87.76 1.13 0.00	61.39 0.90 0.00
COPENHAGEN_WT_PWR 323753	54.50 2.95 -0.96	50.66 2.31 -0.94	41.37 1.60 0.00	32.60 1.26 0.00	39.10 1.68 0.00	39.16 1.94 0.00	47.41 2.35 -0.17	56.44 2.68 -1.69	58.78 3.13 -0.60	58.77 3.19 -0.57	53.56 2.73 0.00	64.95 2.78 -0.94	82.58 3.31 -2.04	75.62 2.66 -0.90	84.18 3.09 -3.16	91.00 3.26 -1.06	81.72 2.55 -0.05	86.11 2.81 -0.01	68.41 2.85 -0.27	96.93 6.10 -4.90	100.08 7.49 -5.22	107.14 8.51 -7.94	99.83 7.45 -5.76	66.06 4.49 -1.09
CORNELL_____ 23752	52.51 1.92 0.00	48.88 1.47 0.00	40.90 1.12 0.00	32.28 0.94 0.00	38.30 0.89 0.00	38.25 1.02 0.00	46.06 1.17 0.00	53.17 1.10 0.00	56.27 1.23 0.00	56.17 1.17 0.00	51.95 1.12 0.00	62.79 1.56 0.00	79.46 2.23 0.00	73.93 1.86 0.00	80.32 2.39 0.00	89.48 2.79 0.00	82.06 2.93 0.00	86.91 3.61 0.00	68.39 3.09 0.00	90.47 4.54 0.00	92.03 4.67 0.00	95.41 4.72 0.00	90.19 3.56 0.00	62.75 2.26 0.00

CORONA__69_KV_TB1 355595	53.41 1.43 -1.40	49.93 1.33 -1.18	41.40 1.63 0.00	32.75 1.42 0.00	38.69 1.27 0.00	38.66 1.44 0.00	47.41 1.56 -0.97	52.22 1.52 1.37	53.79 1.36 2.61	54.02 1.20 2.19	52.10 2.01 0.75	63.12 2.43 0.54	75.62 3.49 5.10	71.38 3.30 3.99	77.36 3.78 4.34	90.48 4.94 1.14	86.64 5.69 -1.82	89.57 6.22 -0.05	69.94 4.33 -0.32	90.13 4.20 0.01	89.05 3.56 1.87	89.77 2.67 3.60	87.79 1.74 0.58	61.92 1.43 0.00
CORTLAND__115KV_TB3 80093	51.91 1.32 0.00	48.36 0.95 0.00	40.51 0.74 0.00	31.99 0.66 0.00	37.97 0.55 0.00	37.91 0.69 0.00	45.63 0.74 0.00	52.72 0.65 0.00	55.81 0.77 0.00	55.75 0.75 0.00	51.67 0.84 0.00	62.42 1.19 0.00	78.92 1.69 0.00	73.51 1.44 0.00	79.77 1.85 0.00	88.84 2.16 0.00	81.52 2.40 0.00	86.11 2.81 0.00	67.58 2.28 0.00	89.15 3.21 0.00	90.61 3.24 0.00	93.93 3.24 0.00	88.94 2.32 0.00	61.94 1.45 0.00
COXSACKIE__GT 23611	-183.37 1.60 235.55	48.70 1.41 0.12	41.22 1.45 0.00	32.57 1.23 0.00	38.71 1.30 0.00	38.56 1.34 0.00	46.37 1.48 0.00	53.72 1.65 0.00	56.79 1.75 0.00	56.32 1.32 0.00	51.45 0.77 0.15	61.29 0.86 0.80	78.38 1.18 0.03	73.32 1.25 0.00	80.15 2.22 0.00	89.65 2.97 0.00	82.86 3.73 0.00	87.38 4.08 0.00	68.91 3.62 0.00	90.72 4.79 0.00	92.22 4.85 0.00	95.21 4.52 0.00	90.32 3.69 0.00	62.94 2.46 0.00
CPV_VALLEY__CC1 323721	51.69 0.86 -0.23	48.56 0.87 -0.28	40.87 1.10 0.00	32.32 0.99 0.00	38.27 0.86 0.00	38.10 0.87 0.00	45.96 1.08 0.00	52.95 0.88 0.00	55.74 0.70 0.00	55.53 0.53 0.00	52.19 1.01 -0.35	64.32 1.24 -1.84	79.17 1.86 -0.08	73.83 1.77 0.00	79.97 2.05 0.00	89.61 2.92 0.00	82.60 3.48 0.00	87.18 3.89 0.00	68.07 2.78 0.00	88.44 2.50 0.00	89.21 1.85 0.00	91.88 1.19 0.00	87.38 0.75 0.00	61.14 0.66 0.00
CPV_VALLEY__CC2 323722	51.69 0.86 -0.23	48.56 0.87 -0.28	40.87 1.10 0.00	32.32 0.99 0.00	38.27 0.86 0.00	38.10 0.87 0.00	45.96 1.08 0.00	52.95 0.88 0.00	55.74 0.70 0.00	55.53 0.53 0.00	52.19 1.01 -0.35	64.32 1.24 -1.84	79.17 1.86 -0.08	73.83 1.77 0.00	79.97 2.05 0.00	89.61 2.92 0.00	82.60 3.48 0.00	87.18 3.89 0.00	68.07 2.78 0.00	88.44 2.50 0.00	89.21 1.85 0.00	91.88 1.19 0.00	87.38 0.75 0.00	61.14 0.66 0.00
CRESCENT__HYD 24018	50.97 0.74 0.36	47.74 0.75 0.43	40.76 0.99 0.00	32.26 0.92 0.00	38.32 0.91 0.00	38.19 0.97 0.00	45.84 0.95 0.00	52.89 0.83 0.00	55.66 0.62 0.00	55.19 0.19 0.00	50.61 0.32 0.54	58.61 0.22 2.84	77.50 0.39 0.12	72.64 0.57 0.00	78.90 0.97 0.00	88.41 1.73 0.00	80.93 1.81 0.00	85.56 2.26 0.00	67.39 2.10 0.00	88.03 2.10 0.00	89.35 1.98 0.00	92.23 1.54 0.00	87.86 1.23 0.00	61.39 0.90 0.00
CRICKET__VALLEY_CC1 323756	47.10 0.45 3.94	43.28 0.53 4.66	40.65 0.88 0.00	32.18 0.85 0.00	38.13 0.71 0.00	37.98 0.76 0.00	45.80 0.92 0.00	52.38 0.68 0.37	55.05 0.45 0.44	54.76 0.10 0.34	45.40 0.60 6.03	30.54 0.65 31.34	76.24 1.15 2.15	72.59 1.18 0.66	78.64 1.59 0.88	88.85 2.61 0.45	82.18 3.13 0.07	86.85 3.56 0.00	67.90 2.61 0.00	88.05 2.12 0.00	88.75 1.38 0.00	91.32 0.62 0.00	86.83 0.21 0.00	60.75 0.27 0.00
CRICKET__VALLEY_CC2 323757	47.10 0.45 3.94	43.28 0.53 4.66	40.65 0.88 0.00	32.18 0.85 0.00	38.13 0.71 0.00	37.98 0.76 0.00	45.80 0.92 0.00	52.38 0.68 0.37	55.05 0.45 0.44	54.76 0.10 0.34	45.40 0.60 6.03	30.54 0.65 31.34	76.24 1.15 2.15	72.59 1.18 0.66	78.64 1.59 0.88	88.85 2.61 0.45	82.18 3.13 0.07	86.85 3.56 0.00	67.90 2.61 0.00	88.05 2.12 0.00	88.75 1.38 0.00	91.32 0.62 0.00	86.83 0.21 0.00	60.75 0.27 0.00
CRICKET__VALLEY_CC3 323758	47.10 0.45 3.94	43.28 0.53 4.66	40.65 0.88 0.00	32.18 0.85 0.00	38.13 0.71 0.00	37.98 0.76 0.00	45.80 0.92 0.00	52.38 0.68 0.37	55.05 0.45 0.44	54.76 0.10 0.34	45.40 0.60 6.03	30.54 0.65 31.34	76.24 1.15 2.15	72.59 1.18 0.66	78.64 1.59 0.88	88.85 2.61 0.45	82.18 3.13 0.07	86.85 3.56 0.00	67.90 2.61 0.00	88.05 2.12 0.00	88.75 1.38 0.00	91.32 0.62 0.00	86.83 0.21 0.00	60.75 0.27 0.00
CRUCIBLE__METL_DRP 24180	52.06 0.56 -0.91	48.56 0.27 -0.89	39.93 0.16 0.00	31.52 0.18 0.00	37.41 -0.01 0.00	37.33 0.11 0.00	45.14 0.09 -0.15	53.61 -0.02 -1.55	55.69 0.09 -0.55	55.74 0.21 -0.53	51.09 0.26 0.00	62.56 0.46 -0.86	79.69 0.59 -1.87	73.23 0.34 -0.82	81.41 0.58 -2.90	88.36 0.68 -1.00	80.05 0.88 -0.05	84.42 1.11 -0.01	66.41 0.87 -0.25	91.64 1.22 -4.49	93.41 1.26 -4.79	99.13 1.16 -7.28	92.39 0.48 -5.29	61.68 0.19 -1.00
DAHOWA__HYDRO 323763	52.26 1.96 0.29	48.89 1.83 0.35	41.61 1.84 0.00	32.91 1.57 0.00	39.11 1.69 0.00	38.99 1.77 0.00	46.81 1.92 0.00	53.98 1.92 0.00	56.75 1.71 0.00	56.25 1.24 0.00	51.54 1.15 0.44	59.91 1.00 2.32	78.55 1.42 0.10	73.61 1.55 0.00	80.07 2.15 0.00	90.08 3.40 0.00	82.45 3.32 0.00	87.30 4.01 0.00	69.20 3.91 0.00	90.80 4.87 0.00	92.27 4.91 0.00	95.35 4.66 0.00	90.74 4.11 0.00	63.27 2.78 0.00
DANC__LFGE 323619	53.63 1.82 -1.23	49.93 1.33 -1.19	40.64 0.87 0.00	32.04 0.70 0.00	38.30 0.88 0.00	38.30 1.07 0.00	46.39 1.29 -0.22	55.63 1.41 -2.16	57.53 1.72 -0.77	57.50 1.76 -0.73	52.33 1.50 0.00	63.95 1.53 -1.20	81.66 1.83 -2.59	74.64 1.43 -1.14	83.73 1.77 -4.03	89.91 1.89 -1.34	80.71 1.51 -0.07	84.97 1.66 -0.01	67.36 1.72 -0.35	95.91 3.74 -6.24	98.65 4.64 -6.65	106.08 5.28 -10.11	98.49 4.53 -7.34	64.53 2.66 -1.39
DANSKAMMER__1 23586	52.84 2.00 -0.24	49.61 1.91 -0.29	41.74 1.97 0.00	33.01 1.67 0.00	39.07 1.66 0.00	38.92 1.69 0.00	46.98 2.09 0.00	54.15 2.08 0.00	57.03 1.99 0.00	56.80 1.79 0.00	53.41 2.22 -0.36	65.85 2.71 -1.91	81.12 3.81 -0.08	75.76 3.69 0.00	82.17 4.25 0.00	92.27 5.59 0.00	85.11 5.99 0.00	89.86 6.56 0.00	70.15 4.85 0.00	90.97 5.03 0.00	91.65 4.28 0.00	94.23 3.54 0.00	89.45 2.82 0.00	62.51 2.02 0.00
DANSKAMMER__2 23589	52.84 2.00 -0.24	49.61 1.91 -0.29	41.74 1.97 0.00	33.01 1.67 0.00	39.07 1.66 0.00	38.92 1.69 0.00	46.98 2.09 0.00	54.15 2.08 0.00	57.03 1.99 0.00	56.80 1.79 0.00	53.41 2.22 -0.36	65.85 2.71 -1.91	81.12 3.81 -0.08	75.76 3.69 0.00	82.17 4.25 0.00	92.27 5.59 0.00	85.11 5.99 0.00	89.86 6.56 0.00	70.15 4.85 0.00	90.97 5.03 0.00	91.65 4.28 0.00	94.23 3.54 0.00	89.45 2.82 0.00	62.51 2.02 0.00
DANSKAMMER__3 23590	52.84 2.00 -0.24	49.61 1.91 -0.29	41.74 1.97 0.00	33.01 1.67 0.00	39.07 1.66 0.00	38.92 1.69 0.00	46.98 2.09 0.00	54.15 2.08 0.00	57.03 1.99 0.00	56.80 1.79 0.00	53.41 2.22 -0.36	65.85 2.71 -1.91	81.12 3.81 -0.08	75.76 3.69 0.00	82.17 4.25 0.00	92.27 5.59 0.00	85.11 5.99 0.00	89.86 6.56 0.00	70.15 4.85 0.00	90.97 5.03 0.00	91.65 4.28 0.00	94.23 3.54 0.00	89.45 2.82 0.00	62.51 2.02 0.00

DANSKAMMER___4 23591	52.84 2.00 -0.24	49.61 1.91 -0.29	41.74 1.97 0.00	33.01 1.67 0.00	39.07 1.66 0.00	38.92 1.69 0.00	46.98 2.09 0.00	54.15 2.08 0.00	57.03 1.99 0.00	56.80 1.79 0.00	53.41 2.22 -0.36	65.85 2.71 -1.91	81.12 3.81 -0.08	75.76 3.69 0.00	82.17 4.25 0.00	92.27 5.59 0.00	85.11 5.99 0.00	89.86 6.56 0.00	70.15 4.85 0.00	90.97 5.03 0.00	91.65 4.28 0.00	94.23 3.54 0.00	89.45 2.82 0.00	62.51 2.02 0.00
DANSKAMMER___DIESEL 23592	52.84 2.01 -0.24	49.61 1.92 -0.29	41.74 1.97 0.00	33.01 1.68 0.00	39.07 1.66 0.00	38.92 1.70 0.00	46.98 2.09 0.00	54.15 2.08 0.00	57.03 1.99 0.00	56.80 1.79 0.00	53.40 2.21 -0.36	65.84 2.70 -1.91	81.11 3.80 -0.08	75.75 3.69 0.00	82.17 4.25 0.00	92.27 5.59 0.00	85.11 5.99 0.00	89.86 6.56 0.00	70.15 4.85 0.00	90.97 5.04 0.00	91.65 4.28 0.00	94.23 3.54 0.00	89.45 2.82 0.00	62.51 2.02 0.00
DARBY___SOLAR 323810	51.99 1.70 0.31	48.65 1.60 0.36	41.43 1.66 0.00	32.76 1.43 0.00	38.92 1.51 0.00	38.81 1.58 0.00	46.58 1.69 0.00	53.73 1.66 0.00	56.49 1.45 0.00	56.00 1.00 0.00	51.31 0.94 0.45	59.59 0.76 2.41	78.23 1.10 0.10	73.32 1.26 0.00	79.71 1.78 0.00	89.62 2.94 0.00	82.04 2.92 0.00	86.86 3.56 0.00	68.76 3.47 0.00	90.16 4.23 0.00	91.62 4.25 0.00	94.71 4.01 0.00	90.13 3.50 0.00	62.87 2.38 0.00
DASHVILLE___HYD 23610	-4.76 1.50 56.85	49.04 1.46 -0.17	41.38 1.61 0.00	32.73 1.39 0.00	38.75 1.34 0.00	38.58 1.35 0.00	46.50 1.62 0.00	53.59 1.52 0.00	56.45 1.41 0.00	56.21 1.20 0.00	52.70 1.66 -0.22	64.50 2.11 -1.16	80.14 2.86 -0.05	74.81 2.74 0.00	81.32 3.40 0.00	91.29 4.61 0.00	84.24 5.12 0.00	88.80 5.50 0.00	69.35 4.05 0.00	89.93 4.00 0.00	90.59 3.23 0.00	93.18 2.48 0.00	88.53 1.90 0.00	61.91 1.43 0.00
DELAWARE___LFGE 323621	52.02 1.43 0.00	48.75 1.34 0.00	41.15 1.38 0.00	32.50 1.16 0.00	38.58 1.17 0.00	38.36 1.14 0.00	46.09 1.20 0.00	53.25 1.18 0.00	56.31 1.27 0.00	56.28 1.27 0.00	52.27 1.43 0.00	63.05 1.82 0.00	79.71 2.48 0.00	74.29 2.22 0.00	80.41 2.49 0.00	89.72 3.03 0.00	82.36 3.24 0.00	86.94 3.64 0.00	68.06 2.77 0.00	89.18 3.25 0.00	90.34 2.98 0.00	93.33 2.64 0.00	88.69 2.06 0.00	61.98 1.49 0.00
DERFIELD_115KV_TB7 355931	50.70 0.11 0.00	47.50 0.08 0.00	39.95 0.18 0.00	31.52 0.18 0.00	37.56 0.14 0.00	37.37 0.15 0.00	44.97 0.09 0.00	52.07 0.01 0.00	54.99 -0.04 0.00	54.90 -0.10 0.00	50.83 0.00 0.00	61.24 0.01 0.00	77.31 0.08 0.00	72.15 0.09 0.00	78.09 0.17 0.00	87.04 0.35 0.00	79.60 0.47 0.00	83.91 0.61 0.00	65.81 0.52 0.00	86.41 0.48 0.00	87.74 0.38 0.00	90.89 0.20 0.00	86.70 0.07 0.00	60.57 0.09 0.00
DOGLEVILLE___HYD 23807	50.86 0.27 0.00	47.58 0.17 0.00	40.37 0.60 0.00	32.05 0.71 0.00	37.96 0.54 0.00	37.83 0.61 0.00	45.16 0.27 0.00	51.73 -0.34 0.00	53.93 -1.11 0.00	53.28 -1.73 0.00	49.29 -1.54 0.00	59.40 -1.83 0.00	75.14 -2.10 0.00	70.82 -1.24 0.00	76.76 -1.16 0.00	86.16 -0.52 0.00	79.58 0.46 0.00	85.10 1.80 0.00	67.36 2.06 0.00	88.34 2.40 0.00	89.91 2.55 0.00	92.61 1.92 0.00	87.72 1.09 0.00	60.93 0.44 0.00
DUNKIRK___115KV_TB_200 55889	54.25 3.66 0.00	49.77 2.36 0.00	40.90 1.13 0.00	32.27 0.94 0.00	37.91 0.49 0.00	38.18 0.95 0.00	46.13 1.24 0.00	53.63 1.57 0.00	57.85 2.81 0.00	59.25 4.24 0.00	54.51 3.68 0.00	66.24 5.01 0.00	83.52 6.28 0.00	77.35 5.28 0.00	84.22 6.29 0.00	93.35 6.67 0.00	85.17 6.04 0.00	89.92 6.62 0.00	69.66 4.36 0.00	91.82 5.88 0.00	94.79 7.42 0.00	99.04 8.35 0.00	92.71 6.08 0.00	64.70 4.21 0.00
DUNKIRK___1 23563	54.25 3.66 0.00	49.77 2.36 0.00	40.90 1.13 0.00	32.27 0.94 0.00	37.91 0.49 0.00	38.18 0.95 0.00	46.13 1.24 0.00	53.63 1.57 0.00	57.85 2.81 0.00	59.25 4.24 0.00	54.51 3.68 0.00	66.24 5.01 0.00	83.52 6.28 0.00	77.35 5.28 0.00	84.22 6.29 0.00	93.35 6.67 0.00	85.17 6.04 0.00	89.92 6.62 0.00	69.66 4.36 0.00	91.82 5.88 0.00	94.79 7.42 0.00	99.04 8.35 0.00	92.71 6.08 0.00	64.70 4.21 0.00
DUNKIRK___2 23564	54.25 3.66 0.00	49.77 2.36 0.00	40.90 1.13 0.00	32.27 0.94 0.00	37.91 0.49 0.00	38.18 0.95 0.00	46.13 1.24 0.00	53.63 1.57 0.00	57.85 2.81 0.00	59.25 4.24 0.00	54.51 3.68 0.00	66.24 5.01 0.00	83.52 6.28 0.00	77.35 5.28 0.00	84.22 6.29 0.00	93.35 6.67 0.00	85.17 6.04 0.00	89.92 6.62 0.00	69.66 4.36 0.00	91.82 5.88 0.00	94.79 7.42 0.00	99.04 8.35 0.00	92.71 6.08 0.00	64.70 4.21 0.00
DUNKIRK___3 23565	54.06 3.47 0.00	49.61 2.20 0.00	40.77 0.99 0.00	32.14 0.81 0.00	37.74 0.33 0.00	38.00 0.77 0.00	45.91 1.02 0.00	53.32 1.26 0.00	57.52 2.48 0.00	58.88 3.88 0.00	54.15 3.32 0.00	65.81 4.58 0.00	83.02 5.79 0.00	76.84 4.77 0.00	83.67 5.74 0.00	92.73 6.05 0.00	84.58 5.45 0.00	89.26 5.96 0.00	69.14 3.85 0.00	91.07 5.13 0.00	94.01 6.64 0.00	98.30 7.61 0.00	92.07 5.44 0.00	64.30 3.81 0.00
DUNKIRK___4 23566	54.06 3.47 0.00	49.61 2.20 0.00	40.77 0.99 0.00	32.14 0.81 0.00	37.74 0.33 0.00	38.00 0.77 0.00	45.91 1.02 0.00	53.32 1.26 0.00	57.52 2.48 0.00	58.88 3.88 0.00	54.15 3.32 0.00	65.81 4.58 0.00	83.02 5.79 0.00	76.84 4.77 0.00	83.67 5.74 0.00	92.73 6.05 0.00	84.58 5.45 0.00	89.26 5.96 0.00	69.14 3.85 0.00	91.07 5.13 0.00	94.01 6.64 0.00	98.30 7.61 0.00	92.07 5.44 0.00	64.30 3.81 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.61 1.71 -0.31	49.47 1.70 -0.37	41.61 1.84 0.00	32.91 1.58 0.00	38.93 1.52 0.00	38.78 1.56 0.00	46.86 1.97 0.00	54.46 1.88 -0.52	57.32 1.67 -0.61	56.97 1.48 -0.48	53.60 2.05 -0.72	66.60 2.40 -2.97	81.85 3.34 -1.28	76.21 3.22 -0.93	82.81 3.65 -1.23	92.15 4.84 -0.63	84.60 5.37 -0.10	89.19 5.89 0.00	69.55 4.26 0.00	89.94 4.00 0.00	90.52 3.15 0.00	93.07 2.38 0.00	88.38 1.76 0.00	61.90 1.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.53 1.70 -0.24	49.33 1.64 -0.28	41.52 1.74 0.00	32.83 1.49 0.00	38.85 1.44 0.00	38.69 1.47 0.00	46.71 1.82 0.00	53.82 1.76 0.00	56.67 1.63 0.00	56.39 1.39 0.00	52.97 1.78 -0.36	65.33 2.19 -1.91	80.44 3.12 -0.08	75.07 3.00 0.00	81.38 3.46 0.00	91.29 4.61 0.00	84.29 5.17 0.00	88.99 5.69 0.00	69.44 4.14 0.00	90.08 4.15 0.00	90.79 3.43 0.00	93.42 2.73 0.00	88.73 2.10 0.00	62.04 1.55 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	52.66 1.76 -0.31	49.59 1.82 -0.37	41.74 1.97 0.00	33.01 1.68 0.00	39.11 1.70 0.00	38.96 1.74 0.00	47.11 2.22 0.00	54.23 2.16 0.00	56.96 1.92 0.00	56.73 1.72 0.00	53.58 2.29 -0.46	66.18 2.52 -2.43	80.92 3.59 -0.10	75.54 3.48 0.00	81.82 3.90 0.00	91.88 5.19 0.00	84.80 5.67 0.00	89.44 6.14 0.00	69.65 4.36 0.00	90.03 4.10 0.00	90.56 3.19 0.00	93.09 2.39 0.00	88.44 1.82 0.00	61.95 1.46 0.00

E179THST_13_KV_LOAD 356214	53.02 2.12 -0.31	49.92 2.15 -0.37	42.01 2.23 0.00	33.21 1.88 0.00	39.34 1.93 0.00	39.19 1.97 0.00	47.41 2.53 0.00	54.58 2.52 0.00	57.34 2.30 0.00	57.11 2.11 0.00	53.93 2.65 -0.46	66.64 2.98 -2.43	81.52 4.19 -0.10	76.12 4.05 0.00	82.43 4.50 0.00	92.55 5.87 0.00	85.43 6.30 0.00	90.11 6.81 0.00	70.17 4.88 0.00	90.70 4.77 0.00	91.24 3.88 0.00	93.80 3.10 0.00	89.08 2.45 0.00	62.39 1.90 0.00
EAST HAMPTON___GT 23717	31.95 3.26 21.90	33.75 2.72 16.39	42.40 2.63 0.01	33.60 2.26 0.00	39.57 2.16 0.01	39.70 2.48 0.00	27.96 2.85 19.78	32.15 3.35 23.26	39.63 3.31 18.73	44.66 3.52 13.86	46.10 4.22 8.95	46.66 5.12 19.68	48.86 6.99 35.36	48.96 6.34 29.45	48.83 6.50 35.59	75.48 8.53 19.73	80.46 9.47 8.13	93.80 10.50 0.00	72.68 7.41 0.03	90.48 7.67 3.11	74.00 6.48 19.85	60.07 5.80 36.42	67.40 5.04 24.27	45.57 3.30 18.21
EAST RIVER___6 23660	52.67 1.77 -0.31	49.58 1.80 -0.37	41.73 1.96 0.00	33.01 1.67 0.00	39.05 1.63 0.00	38.88 1.66 0.00	47.03 2.15 0.00	54.61 2.04 -0.50	57.43 1.79 -0.60	57.11 1.64 -0.47	53.78 2.24 -0.71	66.76 2.58 -2.96	82.04 3.55 -1.25	76.39 3.42 -0.91	82.99 3.86 -1.20	92.40 5.11 -0.61	84.92 5.69 -0.10	89.51 6.22 0.00	69.75 4.45 0.00	90.08 4.15 0.00	90.63 3.26 0.00	93.14 2.45 0.00	88.44 1.81 0.00	61.92 1.43 0.00
EAST RIVER___7 23524	52.67 1.77 -0.31	49.58 1.80 -0.37	41.73 1.96 0.00	33.01 1.67 0.00	39.05 1.63 0.00	38.88 1.66 0.00	47.03 2.15 0.00	54.61 2.04 -0.50	57.43 1.79 -0.60	57.11 1.64 -0.47	53.78 2.24 -0.71	66.76 2.58 -2.96	82.04 3.55 -1.25	76.39 3.42 -0.91	82.99 3.86 -1.20	92.40 5.11 -0.61	84.92 5.69 -0.10	89.51 6.22 0.00	69.75 4.45 0.00	90.08 4.15 0.00	90.63 3.26 0.00	93.14 2.45 0.00	88.44 1.81 0.00	61.92 1.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.50 1.60 -0.31	49.36 1.59 -0.37	41.51 1.74 0.00	32.84 1.51 0.00	38.84 1.43 0.00	38.70 1.48 0.00	46.76 1.87 0.00	54.36 1.75 -0.54	57.23 1.55 -0.64	56.87 1.36 -0.50	53.48 1.92 -0.72	66.48 2.27 -2.98	81.74 3.19 -1.32	76.09 3.06 -0.96	82.68 3.48 -1.27	91.99 4.66 -0.65	84.43 5.20 -0.11	89.00 5.70 0.00	69.40 4.11 0.00	89.78 3.85 0.00	90.39 3.02 0.00	92.96 2.26 0.00	88.28 1.66 0.00	61.83 1.34 0.00
EAST_HAMPTON___DIESEL 23722	31.96 3.27 21.90	33.77 2.74 16.39	42.41 2.64 0.01	33.60 2.27 0.00	39.58 2.17 0.01	39.71 2.49 0.00	28.00 2.88 19.78	32.16 3.36 23.26	39.64 3.33 18.73	44.69 3.55 13.86	46.12 4.24 8.95	46.70 5.15 19.68	48.90 7.03 35.36	48.99 6.37 29.45	48.89 6.56 35.59	75.52 8.57 19.73	80.53 9.54 8.13	93.87 10.58 0.00	72.72 7.45 0.03	90.53 7.72 3.11	74.08 6.57 19.85	60.14 5.87 36.42	67.45 5.08 24.27	45.60 3.32 18.21
EAST_POINT___SOLAR 323840	54.76 4.34 0.17	51.07 3.87 0.21	42.87 3.10 0.00	33.66 2.32 0.00	40.13 2.71 0.00	40.00 2.78 0.00	47.93 3.04 0.00	54.44 2.37 0.00	56.97 1.93 0.00	56.66 1.65 0.00	51.92 1.35 0.26	61.75 1.89 1.37	79.52 2.35 0.06	74.64 2.58 0.00	80.72 2.80 0.00	89.87 3.19 0.00	81.36 2.24 0.00	88.05 4.75 0.00	69.66 4.37 0.00	93.18 7.25 0.00	96.37 9.01 0.00	99.96 9.27 0.00	94.95 8.32 0.00	66.11 5.62 0.00
EAST_PULASKI___ESR 323781	53.14 0.71 -1.84	49.57 0.37 -1.79	39.96 0.19 0.00	31.50 0.16 0.00	37.52 0.10 0.00	37.47 0.24 0.00	45.47 0.26 -0.32	55.49 0.19 -3.24	56.53 0.33 -1.16	56.40 0.30 -1.10	51.06 0.22 0.00	63.26 0.23 -1.80	81.45 0.32 -3.90	73.96 0.17 -1.72	84.38 0.40 -6.05	89.14 0.44 -2.01	79.69 0.47 -0.10	83.83 0.52 -0.02	66.41 0.60 -0.52	96.75 1.45 -9.37	99.21 1.86 -9.99	107.95 2.07 -15.19	99.20 1.55 -11.02	63.35 0.77 -2.09
EAST_RIVER___1 323558	52.74 1.84 -0.31	49.63 1.86 -0.37	41.77 1.99 0.00	33.04 1.70 0.00	39.09 1.67 0.00	38.94 1.71 0.00	47.11 2.22 0.00	54.71 2.14 -0.50	57.54 1.90 -0.60	57.23 1.75 -0.47	53.90 2.36 -0.71	66.88 2.70 -2.96	82.21 3.72 -1.26	76.54 3.56 -0.91	83.15 4.02 -1.20	92.57 5.27 -0.61	85.06 5.83 -0.10	89.64 6.35 0.00	69.82 4.52 0.00	90.20 4.27 0.00	90.75 3.39 0.00	93.25 2.56 0.00	88.56 1.94 0.00	62.02 1.53 0.00
EAST_RIVER___2 323559	52.67 1.77 -0.31	49.58 1.80 -0.37	41.73 1.96 0.00	33.01 1.67 0.00	39.05 1.63 0.00	38.88 1.66 0.00	47.03 2.15 0.00	54.61 2.04 -0.50	57.43 1.79 -0.60	57.11 1.64 -0.47	53.78 2.24 -0.71	66.76 2.58 -2.96	82.04 3.55 -1.25	76.39 3.42 -0.91	82.99 3.86 -1.20	92.40 5.11 -0.61	84.92 5.69 -0.10	89.51 6.22 0.00	69.75 4.45 0.00	90.08 4.15 0.00	90.63 3.26 0.00	93.14 2.45 0.00	88.44 1.81 0.00	61.92 1.43 0.00
EAST___DELAWARE_HYD 23607	32.43 0.27 18.42	47.88 0.24 -0.23	40.30 0.53 0.00	31.83 0.49 0.00	37.68 0.26 0.00	37.51 0.29 0.00	45.25 0.36 0.00	52.18 0.12 0.00	54.96 -0.08 0.00	54.77 -0.23 0.00	51.37 0.25 -0.29	63.43 0.67 -1.53	78.23 0.93 -0.06	73.20 1.13 0.00	79.35 1.43 0.00	89.04 2.36 0.00	82.35 3.23 0.00	87.07 3.77 0.00	68.11 2.82 0.00	88.63 2.69 0.00	89.30 1.94 0.00	91.69 1.00 0.00	86.94 0.31 0.00	60.68 0.19 0.00
EIGHT_POINT___WT_PWR 323820	54.11 3.52 0.00	49.83 2.42 0.00	41.28 1.51 0.00	32.61 1.28 0.00	38.28 0.87 0.00	38.49 1.26 0.00	46.42 1.53 0.00	53.39 1.32 0.00	57.20 2.16 0.00	57.67 2.67 0.00	53.09 2.26 0.00	64.33 3.10 0.00	81.35 4.11 0.00	75.08 3.01 0.00	81.69 3.77 0.00	90.85 4.17 0.00	83.57 4.45 0.00	88.29 4.99 0.00	68.73 3.44 0.00	91.25 5.31 0.00	93.56 6.19 0.00	97.70 7.01 0.00	91.22 4.59 0.00	63.62 3.13 0.00
ELBRIDGE_115KV_TB2 80188	51.85 0.33 -0.93	48.36 0.04 -0.91	39.76 -0.02 0.00	31.39 0.06 0.00	37.25 -0.17 0.00	37.17 -0.05 0.00	44.94 -0.11 -0.16	53.37 -0.28 -1.58	55.37 -0.24 -0.56	55.50 -0.04 -0.54	50.89 0.06 0.00	62.38 0.28 -0.88	79.50 0.37 -1.90	73.11 0.20 -0.84	81.34 0.46 -2.95	88.20 0.50 -1.02	79.90 0.72 -0.05	84.27 0.96 -0.01	66.28 0.74 -0.25	91.63 1.13 -4.57	93.40 1.17 -4.87	99.23 1.14 -7.40	92.45 0.45 -5.37	61.71 0.20 -1.02
ELEC_TRO_TEK 24086	49.78 1.09 1.91	47.20 1.10 1.30	41.20 1.43 0.00	32.60 1.27 0.00	38.51 1.10 0.00	38.49 1.26 0.00	44.29 1.38 1.97	53.51 1.31 -0.13	57.04 1.10 -0.90	56.72 0.97 -0.74	53.01 1.70 -0.48	64.92 1.93 -1.76	81.69 2.83 -1.63	75.51 2.64 -0.80	83.19 3.05 -2.21	92.28 4.20 -1.39	84.33 4.98 -0.23	88.68 5.37 -0.02	69.17 3.76 -0.12	89.31 3.38 0.01	85.71 2.77 4.42	84.11 1.94 8.52	83.42 1.06 4.27	58.53 0.90 2.86
ELLENBURG_WT_PWR 323604	50.29 -0.30 0.00	47.32 -0.09 0.00	39.30 -0.47 0.00	30.72 -0.61 0.00	37.04 -0.37 0.00	36.95 -0.27 0.00	44.84 -0.05 0.00	52.32 0.25 0.00	55.43 0.39 0.00	55.46 0.45 0.00	50.71 -0.12 0.00	60.93 -0.30 0.00	76.62 -0.61 0.00	71.59 -0.48 0.00	77.38 -0.55 0.00	85.67 -1.02 0.00	77.40 -1.72 0.00	81.16 -2.14 0.00	63.70 -1.60 0.00	84.63 -1.30 0.00	86.53 -0.84 0.00	90.52 -0.17 0.00	86.96 0.34 0.00	60.56 0.07 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	54.09 3.50 0.00	49.59 2.18 0.00	40.67 0.90 0.00	31.95 0.62 0.00	37.53 0.12 0.00	37.74 0.51 0.00	45.63 0.75 0.00	52.65 0.59 0.00	56.81 1.78 0.00	58.17 3.16 0.00	53.44 2.61 0.00	65.02 3.80 0.00	82.03 4.80 0.00	75.86 3.79 0.00	82.67 4.74 0.00	91.59 4.91 0.00	83.29 4.17 0.00	87.87 4.57 0.00	68.00 2.71 0.00	89.45 3.52 0.00	92.38 5.01 0.00	96.79 6.10 0.00	90.79 4.17 0.00	63.46 2.98 0.00
EMPIRE_CC_1 323656	49.68 -0.45 0.47	46.56 -0.30 0.55	39.95 0.18 0.00	31.65 0.32 0.00	37.60 0.18 0.00	37.46 0.23 0.00	44.90 0.01 0.00	51.77 -0.30 0.00	54.45 -0.59 0.00	53.96 -1.05 0.00	49.37 -0.77 0.69	56.47 -1.09 3.67	75.81 -1.27 0.15	71.09 -0.98 0.00	77.16 -0.77 0.00	86.39 -0.30 0.00	79.10 -0.03 0.00	83.59 0.30 0.00	65.73 0.44 0.00	85.68 -0.25 0.00	86.86 -0.51 0.00	89.60 -1.09 0.00	85.43 -1.19 0.00	59.81 -0.68 0.00
EMPIRE_CC_2 323658	49.68 -0.45 0.47	46.56 -0.30 0.55	39.95 0.18 0.00	31.65 0.32 0.00	37.60 0.18 0.00	37.46 0.23 0.00	44.90 0.01 0.00	51.77 -0.30 0.00	54.45 -0.59 0.00	53.96 -1.05 0.00	49.37 -0.77 0.69	56.47 -1.09 3.67	75.81 -1.27 0.15	71.09 -0.98 0.00	77.16 -0.77 0.00	86.39 -0.30 0.00	79.10 -0.03 0.00	83.59 0.30 0.00	65.73 0.44 0.00	85.68 -0.25 0.00	86.86 -0.51 0.00	89.60 -1.09 0.00	85.43 -1.19 0.00	59.81 -0.68 0.00
ENORWICH_115KV_TB1 80156	54.99 4.40 0.00	51.18 3.77 0.00	42.71 2.94 0.00	33.71 2.38 0.00	40.15 2.74 0.00	40.24 3.02 0.00	48.39 3.50 0.00	56.00 3.93 0.00	59.31 4.27 0.00	59.07 4.06 0.00	54.62 3.79 0.00	66.08 4.85 0.00	83.71 6.48 0.00	77.99 5.92 0.00	84.94 7.02 0.00	94.48 7.79 0.00	86.68 7.55 0.00	92.18 8.88 0.00	72.63 7.33 0.00	96.30 10.37 0.00	97.95 10.59 0.00	101.30 10.61 0.00	94.93 8.31 0.00	65.61 5.13 0.00
ERIE_ST__34_KV_TB1-2 80199	54.43 3.84 0.00	49.85 2.44 0.00	40.91 1.13 0.00	32.16 0.82 0.00	37.77 0.36 0.00	37.94 0.71 0.00	45.91 1.02 0.00	53.09 1.03 0.00	57.28 2.24 0.00	58.62 3.61 0.00	53.93 3.10 0.00	65.65 4.42 0.00	82.87 5.64 0.00	76.68 4.61 0.00	83.60 5.68 0.00	92.73 6.04 0.00	84.67 5.54 0.00	89.45 6.15 0.00	69.21 3.91 0.00	90.97 5.04 0.00	93.78 6.42 0.00	97.77 7.08 0.00	91.57 4.94 0.00	63.92 3.43 0.00
ERIE_WT_PWR 323693	54.37 3.78 0.00	49.83 2.42 0.00	40.88 1.11 0.00	32.11 0.78 0.00	37.68 0.27 0.00	37.92 0.70 0.00	45.85 0.96 0.00	52.96 0.89 0.00	57.18 2.14 0.00	58.51 3.51 0.00	53.75 2.92 0.00	65.33 4.10 0.00	82.50 5.26 0.00	76.32 4.25 0.00	83.17 5.24 0.00	92.17 5.49 0.00	83.99 4.87 0.00	88.59 5.30 0.00	68.60 3.31 0.00	90.29 4.36 0.00	93.22 5.85 0.00	97.49 6.80 0.00	91.41 4.78 0.00	63.86 3.37 0.00
ESPRGFLD_115KV_TB1 80157	54.12 3.63 0.11	50.52 3.23 0.13	42.36 2.59 0.00	33.26 1.93 0.00	39.63 2.22 0.00	39.46 2.24 0.00	47.63 2.75 0.00	55.08 3.02 0.00	58.44 3.40 0.00	58.63 3.63 0.00	54.12 3.44 0.16	64.68 4.28 0.83	82.70 5.51 0.04	77.11 5.04 0.00	83.31 5.38 0.00	92.73 6.04 0.00	84.61 5.48 0.00	89.43 6.14 0.00	69.94 4.64 0.00	92.53 6.60 0.00	94.43 7.06 0.00	97.95 7.26 0.00	93.04 6.41 0.00	64.83 4.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.38 1.80 0.00	48.77 1.36 0.00	40.81 1.04 0.00	32.23 0.89 0.00	38.23 0.82 0.00	38.18 0.96 0.00	45.98 1.09 0.00	53.08 1.01 0.00	56.16 1.12 0.00	56.09 1.08 0.00	51.89 1.06 0.00	62.72 1.49 0.00	79.33 2.09 0.00	73.84 1.78 0.00	80.21 2.28 0.00	89.30 2.61 0.00	81.91 2.79 0.00	86.70 3.40 0.00	68.20 2.90 0.00	90.17 4.24 0.00	91.72 4.36 0.00	95.08 4.39 0.00	89.89 3.27 0.00	62.57 2.08 0.00
ETNA____115KV_TB2 80207	52.38 1.80 0.00	48.77 1.36 0.00	40.81 1.04 0.00	32.23 0.89 0.00	38.23 0.82 0.00	38.18 0.96 0.00	45.98 1.09 0.00	53.08 1.01 0.00	56.16 1.12 0.00	56.09 1.08 0.00	51.89 1.06 0.00	62.72 1.49 0.00	79.33 2.09 0.00	73.84 1.78 0.00	80.21 2.28 0.00	89.30 2.61 0.00	81.91 2.79 0.00	86.70 3.40 0.00	68.20 2.90 0.00	90.17 4.24 0.00	91.72 4.36 0.00	95.08 4.39 0.00	89.89 3.27 0.00	62.57 2.08 0.00
EUCLID__115KV_TB2 356179	51.03 0.00 -0.43	47.59 -0.25 -0.42	39.49 -0.29 0.00	31.15 -0.18 0.00	37.00 -0.41 0.00	36.91 -0.32 0.00	44.53 -0.43 -0.07	52.20 -0.61 -0.75	54.83 -0.48 -0.27	54.94 -0.32 -0.25	50.65 -0.18 0.00	61.59 -0.05 -0.42	78.21 0.08 -0.90	72.43 -0.04 -0.40	79.49 0.17 -1.40	87.42 0.26 -0.47	79.57 0.43 -0.02	83.90 0.60 0.00	65.82 0.40 -0.12	88.56 0.47 -2.15	90.18 0.52 -2.30	94.66 0.47 -3.50	89.03 -0.13 -2.54	60.77 -0.19 -0.48
E_CANADA_CAP_HY 24051	54.46 4.03 0.16	50.85 3.62 0.19	42.59 2.82 0.00	33.39 2.06 0.00	39.86 2.45 0.00	39.71 2.48 0.00	47.92 3.04 0.00	55.28 3.21 0.00	58.39 3.36 0.00	58.37 3.36 0.00	53.56 2.97 0.23	63.64 3.65 1.24	81.76 4.58 0.05	76.41 4.34 0.00	82.53 4.60 0.00	91.95 5.27 0.00	83.56 4.44 0.00	88.72 5.42 0.00	69.53 4.24 0.00	92.50 6.57 0.00	95.03 7.67 0.00	98.68 7.99 0.00	93.93 7.30 0.00	65.53 5.05 0.00
E_CANADA_MHWK_HY 24050	50.86 0.27 0.00	47.58 0.17 0.00	40.37 0.60 0.00	32.05 0.72 0.00	37.96 0.54 0.00	37.83 0.61 0.00	45.16 0.27 0.00	51.74 -0.33 0.00	53.93 -1.11 0.00	53.28 -1.73 0.00	49.30 -1.53 0.00	59.40 -1.83 0.00	75.14 -2.10 0.00	70.83 -1.24 0.00	76.76 -1.16 0.00	86.17 -0.52 0.00	79.59 0.46 0.00	85.10 1.80 0.00	67.36 2.06 0.00	88.34 2.40 0.00	89.92 2.55 0.00	92.61 1.92 0.00	87.72 1.09 0.00	60.93 0.45 0.00
E_FISHKILL__LBMP 23776	52.00 1.09 -0.32	48.92 1.14 -0.37	41.14 1.37 0.00	32.54 1.21 0.00	38.53 1.12 0.00	38.38 1.16 0.00	46.30 1.41 0.00	53.30 1.24 0.00	56.07 1.03 0.00	55.81 0.80 0.00	52.60 1.30 -0.47	65.24 1.52 -2.49	79.57 2.23 -0.10	74.23 2.17 0.00	80.46 2.54 0.00	90.24 3.56 0.00	83.20 4.08 0.00	87.83 4.54 0.00	68.59 3.30 0.00	88.91 2.97 0.00	89.58 2.22 0.00	92.18 1.49 0.00	87.62 0.99 0.00	61.34 0.85 0.00
FALCON__SEABRD_CC1 323796	50.27 -0.32 0.00	47.30 -0.11 0.00	39.26 -0.51 0.00	30.68 -0.66 0.00	37.00 -0.41 0.00	36.91 -0.32 0.00	44.78 -0.11 0.00	52.06 -0.01 0.00	55.15 0.11 0.00	55.17 0.16 0.00	50.44 -0.38 0.00	60.62 -0.61 0.00	76.23 -1.00 0.00	71.29 -0.78 0.00	77.09 -0.84 0.00	85.32 -1.36 0.00	77.06 -2.07 0.00	80.82 -2.48 0.00	63.44 -1.85 0.00	84.34 -1.59 0.00	86.26 -1.11 0.00	90.23 -0.46 0.00	86.63 0.00 0.00	60.30 -0.18 0.00
FALCON__SEABRD_CC2 323797	50.27 -0.32 0.00	47.30 -0.11 0.00	39.26 -0.51 0.00	30.68 -0.66 0.00	37.00 -0.41 0.00	36.91 -0.32 0.00	44.78 -0.11 0.00	52.06 -0.01 0.00	55.15 0.11 0.00	55.17 0.16 0.00	50.44 -0.38 0.00	60.62 -0.61 0.00	76.23 -1.00 0.00	71.29 -0.78 0.00	77.09 -0.84 0.00	85.32 -1.36 0.00	77.06 -2.07 0.00	80.82 -2.48 0.00	63.44 -1.85 0.00	84.34 -1.59 0.00	86.26 -1.11 0.00	90.23 -0.46 0.00	86.63 0.00 0.00	60.30 -0.18 0.00

FAR ROCKAWAY___4 23548	54.05 1.76 -1.71	50.41 1.58 -1.42	41.59 1.82 0.00	32.88 1.55 0.00	38.83 1.42 0.00	38.83 1.60 0.00	47.91 1.78 -1.24	52.44 1.81 1.43	53.94 1.76 2.86	54.06 1.47 2.41	52.38 2.41 0.85	63.64 3.20 0.79	76.14 4.50 5.59	71.99 4.26 4.34	77.94 4.76 4.74	90.94 5.50 1.25	87.46 6.34 -2.00	90.25 6.90 -0.05	70.50 4.87 -0.34	90.79 4.87 0.01	89.58 4.18 1.96	90.20 3.28 3.77	88.45 2.43 0.61	62.65 2.16 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.74 1.84 -0.31	49.65 1.87 -0.37	41.77 2.00 0.00	33.04 1.71 0.00	39.09 1.67 0.00	38.95 1.73 0.00	47.12 2.23 0.00	54.56 2.15 -0.34	57.36 1.91 -0.41	57.09 1.76 -0.32	53.82 2.37 -0.63	66.73 2.72 -2.79	81.84 3.72 -0.88	76.27 3.59 -0.62	82.77 4.04 -0.82	92.38 5.28 -0.42	85.03 5.84 -0.07	89.66 6.36 0.00	69.83 4.54 0.00	90.20 4.27 0.00	90.75 3.39 0.00	93.26 2.57 0.00	88.56 1.93 0.00	62.02 1.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.77 1.87 -0.31	49.68 1.90 -0.37	41.78 2.01 0.00	33.06 1.73 0.00	39.10 1.69 0.00	38.96 1.73 0.00	47.12 2.23 0.00	54.73 2.16 -0.50	57.55 1.92 -0.60	57.25 1.77 -0.47	53.90 2.36 -0.71	66.90 2.72 -2.95	82.20 3.72 -1.25	76.55 3.58 -0.90	83.15 4.04 -1.19	92.58 5.29 -0.61	85.08 5.85 -0.10	89.66 6.36 0.00	69.84 4.55 0.00	90.21 4.28 0.00	90.78 3.42 0.00	93.30 2.61 0.00	88.60 1.97 0.00	62.05 1.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.71 1.81 -0.31	49.61 1.84 -0.37	41.74 1.97 0.00	33.02 1.69 0.00	39.07 1.65 0.00	38.92 1.70 0.00	47.08 2.19 0.00	54.69 2.12 -0.50	57.51 1.87 -0.60	57.21 1.73 -0.47	53.86 2.32 -0.71	66.84 2.66 -2.95	82.12 3.64 -1.25	76.49 3.52 -0.90	83.07 3.96 -1.19	92.48 5.19 -0.61	84.98 5.76 -0.10	89.57 6.28 0.00	69.77 4.47 0.00	90.11 4.18 0.00	90.66 3.29 0.00	93.16 2.47 0.00	88.47 1.85 0.00	61.96 1.48 0.00
FARRAGUT___LBMP 323566	52.65 1.76 -0.31	49.57 1.79 -0.37	41.70 1.93 0.00	33.00 1.67 0.00	39.04 1.62 0.00	38.88 1.66 0.00	47.03 2.14 0.00	54.62 2.05 -0.50	57.43 1.80 -0.60	57.12 1.64 -0.47	53.79 2.25 -0.71	66.74 2.56 -2.95	82.01 3.53 -1.25	76.37 3.40 -0.90	82.94 3.83 -1.19	92.36 5.07 -0.61	84.88 5.65 -0.10	89.44 6.14 0.00	69.69 4.39 0.00	90.02 4.08 0.00	90.56 3.19 0.00	93.07 2.38 0.00	88.39 1.76 0.00	61.91 1.43 0.00
FENNER___WINDPWR 24204	52.23 1.64 0.00	48.70 1.29 0.00	40.77 1.00 0.00	32.16 0.83 0.00	38.30 0.89 0.00	38.24 1.01 0.00	46.05 1.16 0.00	53.25 1.18 0.00	56.32 1.28 0.00	56.28 1.27 0.00	52.12 1.29 0.00	62.87 1.64 0.00	79.47 2.24 0.00	74.09 2.03 0.00	80.32 2.39 0.00	89.54 2.85 0.00	81.99 2.87 0.00	86.59 3.29 0.00	68.03 2.74 0.00	89.85 3.92 0.00	91.49 4.13 0.00	94.85 4.16 0.00	89.92 3.29 0.00	62.53 2.04 0.00
FIBERTEK___ENERGY 23856	52.06 0.56 -0.91	48.56 0.27 -0.89	39.93 0.16 0.00	31.52 0.18 0.00	37.41 -0.01 0.00	37.33 0.11 0.00	45.14 0.09 -0.15	53.61 -0.02 -1.55	55.69 0.09 -0.55	55.74 0.21 -0.53	51.09 0.26 0.00	62.56 0.46 -0.86	79.69 0.59 -1.87	73.23 0.34 -0.82	81.41 0.58 -2.90	88.36 0.68 -1.00	80.05 0.88 -0.05	84.42 1.11 -0.01	66.41 0.87 -0.25	91.64 1.22 -4.49	93.41 1.26 -4.79	99.13 1.16 -7.28	92.39 0.48 -5.29	61.68 0.19 -1.00
FITZPATRICK___ 23598	41.47 -0.96 8.17	38.39 -1.08 7.94	38.83 -0.93 0.01	30.63 -0.70 0.00	36.43 -0.99 0.00	36.31 -0.92 0.00	42.30 -1.15 1.44	36.17 -1.44 14.46	48.47 -1.40 5.17	48.79 -1.30 4.92	49.68 -1.15 0.00	51.93 -1.26 8.03	58.29 -1.53 17.42	62.90 -1.48 7.68	49.42 -1.45 27.05	76.15 -1.58 8.95	77.38 -1.31 0.44	81.97 -1.26 0.07	61.95 -1.02 2.32	42.70 -1.37 41.86	41.40 -1.35 44.62	21.41 -1.42 67.86	35.61 -1.77 49.25	49.86 -1.30 9.33
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.96 2.12 -0.25	49.72 2.02 -0.29	41.83 2.06 0.00	33.07 1.74 0.00	39.15 1.74 0.00	39.00 1.78 0.00	47.08 2.19 0.00	54.27 2.20 0.00	57.16 2.13 0.00	56.95 1.94 0.00	53.57 2.37 -0.37	66.09 2.90 -1.96	81.37 4.06 -0.08	76.01 3.95 0.00	82.47 4.54 0.00	92.61 5.93 0.00	85.43 6.31 0.00	90.17 6.87 0.00	70.38 5.09 0.00	91.27 5.34 0.00	91.92 4.56 0.00	94.52 3.83 0.00	89.69 3.06 0.00	62.65 2.17 0.00
FORT ORANGE___ 23900	11.96 -0.59 38.04	46.68 -0.46 0.27	39.76 -0.01 0.00	31.46 0.12 0.00	37.36 -0.05 0.00	37.20 -0.03 0.00	44.63 -0.26 0.00	51.55 -0.51 0.00	54.29 -0.75 0.00	53.92 -1.09 0.00	49.60 -0.89 0.33	58.25 -1.22 1.77	75.78 -1.37 0.07	70.96 -1.11 0.00	77.11 -0.82 0.00	86.16 -0.53 0.00	79.02 -0.10 0.00	83.60 0.30 0.00	65.70 0.41 0.00	85.88 -0.06 0.00	87.00 -0.36 0.00	89.79 -0.90 0.00	85.59 -1.03 0.00	59.87 -0.61 0.00
FORT_DRUM_COGEN 23780	54.85 3.40 -0.86	51.00 2.75 -0.84	41.75 1.98 0.00	32.85 1.52 0.00	39.40 1.99 0.00	39.46 2.24 0.00	47.74 2.71 -0.15	56.66 3.08 -1.51	59.09 3.51 -0.54	59.09 3.57 -0.51	53.89 3.05 0.00	65.19 3.12 -0.84	82.80 3.75 -1.82	75.93 3.06 -0.80	84.31 3.56 -2.82	91.39 3.76 -0.94	82.14 2.97 -0.05	86.67 3.37 -0.01	68.81 3.28 -0.24	97.02 6.72 -4.37	100.22 8.20 -4.66	107.06 9.29 -7.08	99.94 8.17 -5.14	66.42 4.96 -0.97
FOX_HILLS___ESR 323835	52.56 1.66 -0.31	49.72 1.94 -0.37	41.85 2.08 0.00	33.09 1.76 0.00	39.13 1.72 0.00	38.96 1.74 0.00	47.07 2.18 0.00	53.29 1.90 0.68	55.22 1.57 1.39	52.50 1.38 3.88	52.90 2.03 -0.05	66.43 2.29 -2.91	81.61 3.22 -1.15	76.06 3.17 -0.83	82.57 3.55 -1.09	92.05 4.81 -0.56	84.70 5.48 -0.09	89.21 5.92 0.00	69.59 4.30 0.00	89.94 4.01 0.00	90.52 3.16 0.00	92.96 2.27 0.00	88.33 1.71 0.00	61.92 1.44 0.00
FPL_FAR_ROCK_GT1 24212	54.05 1.76 -1.71	50.41 1.58 -1.42	41.59 1.82 0.00	32.88 1.55 0.00	38.83 1.42 0.00	38.82 1.60 0.00	47.90 1.77 -1.24	52.44 1.81 1.43	53.98 1.80 2.86	54.08 1.49 2.41	52.43 2.45 0.85	63.73 3.29 0.79	76.19 4.54 5.59	72.01 4.28 4.34	77.95 4.76 4.74	90.95 5.51 1.25	87.45 6.32 -2.00	90.25 6.90 -0.05	70.50 4.87 -0.34	90.78 4.86 0.01	89.58 4.17 1.96	90.20 3.28 3.77	88.46 2.44 0.61	62.61 2.13 0.00
FPL_FAR_ROCK_GT2 23815	54.05 1.76 -1.71	50.41 1.58 -1.42	41.59 1.82 0.00	32.88 1.55 0.00	38.83 1.42 0.00	38.82 1.60 0.00	47.90 1.77 -1.24	52.44 1.81 1.43	53.98 1.80 2.86	54.08 1.49 2.41	52.43 2.45 0.85	63.73 3.29 0.79	76.19 4.54 5.59	72.01 4.28 4.34	77.95 4.76 4.74	90.95 5.51 1.25	87.45 6.32 -2.00	90.25 6.90 -0.05	70.50 4.87 -0.34	90.78 4.86 0.01	89.58 4.17 1.96	90.20 3.28 3.77	88.46 2.44 0.61	62.61 2.13 0.00
FRANKLIN_FALL_HYD 24054	51.10 0.51 0.00	48.02 0.60 0.00	39.82 0.05 0.00	31.12 -0.21 0.00	37.58 0.17 0.00	37.48 0.25 0.00	45.53 0.65 0.00	53.18 1.11 0.00	56.35 1.31 0.00	56.30 1.30 0.00	51.42 0.59 0.00	61.69 0.46 0.00	77.54 0.31 0.00	72.32 0.25 0.00	78.16 0.24 0.00	86.56 -0.12 0.00	78.16 -0.97 0.00	81.85 -1.45 0.00	64.40 -0.89 0.00	86.00 0.06 0.00	88.10 0.74 0.00	92.43 1.74 0.00	88.71 2.08 0.00	61.71 1.23 0.00

FREEPORT_EQUS_GT1 23764	41.52 1.41 10.48	41.00 1.35 7.77	41.39 1.63 0.00	32.75 1.41 0.00	38.67 1.26 0.00	38.67 1.45 0.00	36.84 1.55 9.60	41.94 1.53 11.65	46.64 1.38 9.78	48.94 1.20 7.27	48.33 1.99 4.49	54.27 2.38 9.34	62.09 3.38 18.52	59.77 3.14 15.43	63.20 3.62 18.34	81.65 4.76 9.78	80.79 5.10 3.43	88.94 5.63 -0.02	69.29 3.91 -0.09	89.41 3.48 0.01	79.74 2.80 10.42	72.73 2.14 20.10	75.38 1.45 12.69	52.37 1.24 9.36
FREEPORT___CT2 23818	41.52 1.41 10.48	41.00 1.35 7.77	41.39 1.63 0.00	32.75 1.41 0.00	38.67 1.26 0.00	38.67 1.45 0.00	36.84 1.55 9.60	41.94 1.53 11.65	46.64 1.38 9.78	48.94 1.20 7.27	48.33 1.99 4.49	54.27 2.38 9.34	62.09 3.38 18.52	59.77 3.14 15.43	63.20 3.62 18.34	81.65 4.76 9.78	80.79 5.10 3.43	88.94 5.63 -0.02	69.29 3.91 -0.09	89.41 3.48 0.01	79.74 2.80 10.42	72.73 2.14 20.10	75.38 1.45 12.69	52.37 1.24 9.36
FRESHKLS_33_KV_LOAD 356253	52.47 1.58 -0.30	49.75 1.97 -0.37	41.90 2.13 0.00	33.12 1.79 0.00	39.16 1.75 0.00	38.99 1.77 0.00	47.08 2.19 0.00	53.17 1.79 0.69	54.84 1.45 1.65	52.39 1.27 3.88	52.81 1.93 -0.04	66.33 2.20 -2.91	81.53 3.15 -1.15	76.00 3.11 -0.82	82.50 3.49 -1.09	91.99 4.75 -0.55	84.67 5.45 -0.09	89.20 5.90 0.00	69.64 4.34 0.00	90.04 4.11 0.00	90.67 3.30 0.00	93.09 2.39 0.00	88.45 1.83 0.00	61.99 1.51 0.00
FULTON COGEN____ 23766	52.66 -0.13 -2.20	49.19 -0.37 -2.14	39.41 -0.37 0.00	31.09 -0.25 0.00	36.92 -0.49 0.00	36.84 -0.38 0.00	44.74 -0.53 -0.39	55.24 -0.71 -3.88	55.82 -0.60 -1.39	55.79 -0.54 -1.32	50.41 -0.42 0.00	63.01 -0.37 -2.16	81.57 -0.34 -4.67	73.80 -0.32 -2.06	84.95 -0.23 -7.26	88.94 -0.16 -2.41	79.37 0.12 -0.12	83.55 0.23 -0.02	66.09 0.17 -0.62	97.42 0.26 -11.23	99.61 0.28 -11.97	109.10 0.21 -18.20	99.46 -0.38 -13.21	62.60 -0.39 -2.50
FULTON___LFGE 323630	54.12 3.70 0.18	50.53 3.33 0.21	42.50 2.73 0.00	33.40 2.07 0.00	39.79 2.38 0.00	39.65 2.43 0.00	47.73 2.84 0.00	54.91 2.84 0.00	57.49 2.45 0.00	57.04 2.04 0.00	52.11 1.55 0.27	61.73 1.90 1.41	79.49 2.32 0.06	74.66 2.59 0.00	80.75 2.83 0.00	90.33 3.65 0.00	82.40 3.28 0.00	87.83 4.53 0.00	69.33 4.04 0.00	92.44 6.50 0.00	95.10 7.74 0.00	98.55 7.86 0.00	93.65 7.02 0.00	65.23 4.75 0.00
G.F.CEMENT___DRP 24184	52.60 2.29 0.27	49.19 2.10 0.33	41.85 2.08 0.00	33.08 1.74 0.00	39.30 1.89 0.00	39.20 1.98 0.00	47.05 2.16 0.00	54.28 2.21 0.00	57.06 2.02 0.00	56.48 1.47 0.00	51.78 1.35 0.41	60.32 1.25 2.16	78.96 1.81 0.09	73.98 1.91 0.00	80.54 2.62 0.00	90.73 4.05 0.00	82.97 3.84 0.00	87.84 4.54 0.00	69.77 4.48 0.00	91.58 5.65 0.00	93.09 5.72 0.00	96.33 5.64 0.00	91.67 5.04 0.00	63.92 3.43 0.00
GARDENVILLE___LBMP 24039	54.15 3.56 0.00	49.66 2.25 0.00	40.73 0.96 0.00	32.02 0.69 0.00	37.61 0.19 0.00	37.81 0.59 0.00	45.71 0.83 0.00	52.78 0.71 0.00	56.93 1.90 0.00	58.28 3.27 0.00	53.55 2.72 0.00	65.14 3.91 0.00	82.18 4.95 0.00	76.01 3.94 0.00	82.81 4.89 0.00	91.77 5.09 0.00	83.56 4.44 0.00	88.18 4.88 0.00	68.26 2.97 0.00	89.83 3.90 0.00	92.73 5.37 0.00	97.09 6.40 0.00	91.06 4.43 0.00	63.63 3.15 0.00
GARDNVLA_35_KV_LD 355827	54.48 3.89 0.00	49.92 2.51 0.00	40.93 1.16 0.00	32.15 0.82 0.00	37.75 0.34 0.00	37.97 0.75 0.00	45.91 1.02 0.00	53.02 0.96 0.00	57.27 2.22 0.00	58.61 3.61 0.00	53.90 3.07 0.00	65.59 4.36 0.00	82.78 5.55 0.00	76.57 4.51 0.00	83.50 5.57 0.00	92.55 5.87 0.00	84.31 5.18 0.00	88.96 5.66 0.00	68.86 3.57 0.00	90.57 4.64 0.00	93.48 6.11 0.00	97.75 7.06 0.00	91.61 4.98 0.00	63.98 3.49 0.00
GELCKHM___115KV_LOAD 80723	51.45 0.22 -0.64	47.98 -0.05 -0.62	39.66 -0.11 0.00	31.29 -0.04 0.00	37.15 -0.27 0.00	37.07 -0.15 0.00	44.78 -0.22 -0.11	52.78 -0.38 -1.10	55.16 -0.27 -0.39	55.26 -0.12 -0.37	50.81 -0.02 0.00	61.97 0.13 -0.61	78.81 0.26 -1.32	72.75 0.09 -0.58	80.28 0.30 -2.05	87.77 0.39 -0.70	79.72 0.56 -0.03	84.05 0.75 -0.01	66.02 0.55 -0.18	89.83 0.72 -3.18	91.52 0.77 -3.39	96.54 0.70 -5.15	90.44 0.08 -3.74	61.13 -0.06 -0.71
GENERAL___MILLS 23808	54.32 3.73 0.00	49.79 2.38 0.00	40.84 1.07 0.00	32.09 0.76 0.00	37.68 0.27 0.00	37.89 0.67 0.00	45.82 0.93 0.00	52.92 0.85 0.00	57.10 2.06 0.00	58.44 3.44 0.00	53.72 2.89 0.00	65.36 4.13 0.00	82.47 5.23 0.00	76.27 4.20 0.00	83.14 5.22 0.00	92.12 5.43 0.00	83.91 4.79 0.00	88.54 5.25 0.00	68.54 3.25 0.00	90.18 4.25 0.00	93.08 5.71 0.00	97.40 6.71 0.00	91.32 4.70 0.00	63.80 3.31 0.00
GE_PLASTICS___DRP 24183	-619.88 -0.74 669.73	46.65 -0.55 0.21	39.71 -0.06 0.00	31.41 0.08 0.00	37.32 -0.10 0.00	37.13 -0.09 0.00	44.56 -0.33 0.00	51.46 -0.60 0.00	54.20 -0.84 0.00	53.88 -1.12 0.00	49.75 -0.82 0.26	58.78 -1.08 1.37	75.94 -1.23 0.06	71.05 -1.02 0.00	77.07 -0.85 0.00	86.11 -0.58 0.00	78.96 -0.16 0.00	83.40 0.10 0.00	65.44 0.15 0.00	85.40 -0.54 0.00	86.47 -0.90 0.00	89.26 -1.43 0.00	85.09 -1.54 0.00	59.56 -0.92 0.00
GILBOA___1 23756	51.11 0.47 -0.05	48.15 0.68 -0.06	41.00 1.23 0.00	32.44 1.10 0.00	38.49 1.08 0.00	38.13 0.91 0.00	45.46 0.58 0.00	52.49 0.42 0.00	55.34 0.30 0.00	55.12 0.12 0.00	51.29 0.39 -0.07	62.08 0.46 -0.39	77.92 0.67 -0.02	72.59 0.52 0.00	78.51 0.58 0.00	87.61 0.93 0.00	80.50 1.38 0.00	84.95 1.65 0.00	66.56 1.27 0.00	86.94 1.01 0.00	87.99 0.63 0.00	90.70 0.01 0.00	86.58 -0.05 0.00	60.83 0.34 0.00
GILBOA___2 23757	51.11 0.47 -0.05	48.15 0.68 -0.06	41.00 1.23 0.00	32.44 1.10 0.00	38.49 1.08 0.00	38.13 0.91 0.00	45.46 0.58 0.00	52.49 0.42 0.00	55.34 0.30 0.00	55.12 0.12 0.00	51.29 0.39 -0.07	62.08 0.46 -0.39	77.92 0.67 -0.02	72.59 0.52 0.00	78.51 0.58 0.00	87.61 0.93 0.00	80.50 1.38 0.00	84.95 1.65 0.00	66.56 1.27 0.00	86.94 1.01 0.00	87.99 0.63 0.00	90.70 0.01 0.00	86.58 -0.05 0.00	60.83 0.34 0.00
GILBOA___3 23758	51.11 0.47 -0.05	48.15 0.68 -0.06	41.00 1.23 0.00	32.44 1.10 0.00	38.49 1.08 0.00	38.13 0.91 0.00	45.46 0.58 0.00	52.49 0.42 0.00	55.34 0.30 0.00	55.12 0.12 0.00	51.29 0.39 -0.07	62.08 0.46 -0.39	77.92 0.67 -0.02	72.59 0.52 0.00	78.51 0.58 0.00	87.61 0.93 0.00	80.50 1.38 0.00	84.95 1.65 0.00	66.56 1.27 0.00	86.94 1.01 0.00	87.99 0.63 0.00	90.70 0.01 0.00	86.58 -0.05 0.00	60.83 0.34 0.00
GILBOA___4 23759	51.11 0.47 -0.05	48.15 0.68 -0.06	41.00 1.23 0.00	32.44 1.10 0.00	38.49 1.08 0.00	38.13 0.91 0.00	45.46 0.58 0.00	52.49 0.42 0.00	55.34 0.30 0.00	55.12 0.12 0.00	51.29 0.39 -0.07	62.08 0.46 -0.39	77.92 0.67 -0.02	72.59 0.52 0.00	78.51 0.58 0.00	87.61 0.93 0.00	80.50 1.38 0.00	84.95 1.65 0.00	66.56 1.27 0.00	86.94 1.01 0.00	87.99 0.63 0.00	90.70 0.01 0.00	86.58 -0.05 0.00	60.83 0.34 0.00

GILBOA____ 23599	51.11 0.47 -0.05	48.15 0.68 -0.06	41.00 1.23 0.00	32.44 1.11 0.00	38.49 1.08 0.00	38.13 0.91 0.00	45.47 0.58 0.00	52.49 0.42 0.00	55.34 0.30 0.00	55.12 0.12 0.00	51.30 0.39 -0.07	62.07 0.45 -0.39	77.91 0.66 -0.02	72.60 0.53 0.00	78.51 0.58 0.00	87.60 0.91 0.00	80.51 1.38 0.00	84.95 1.65 0.00	66.56 1.27 0.00	86.94 1.00 0.00	87.99 0.63 0.00	90.70 0.01 0.00	86.59 -0.04 0.00	60.83 0.34 0.00
GINNA____ 23603	50.70 0.11 0.00	46.85 -0.56 0.00	38.83 -0.94 0.00	30.51 -0.82 0.00	36.06 -1.35 0.00	36.11 -1.12 0.00	43.69 -1.20 0.00	50.55 -1.51 0.00	54.15 -0.89 0.00	54.83 -0.17 0.00	50.71 -0.12 0.00	61.61 0.38 0.00	77.91 0.68 0.00	72.48 0.41 0.00	78.74 0.82 0.00	87.50 0.81 0.00	79.63 0.51 0.00	84.06 0.76 0.00	65.55 0.26 0.00	86.20 0.27 0.00	88.16 0.80 0.00	91.83 1.14 0.00	86.56 -0.07 0.00	60.22 -0.27 0.00
GLEN PARK____ 23778	55.23 3.74 -0.91	51.33 3.03 -0.88	41.96 2.19 0.00	33.03 1.70 0.00	39.60 2.19 0.00	39.66 2.44 0.00	48.00 2.95 -0.16	57.01 3.35 -1.60	59.40 3.79 -0.57	59.47 3.92 -0.54	54.22 3.39 0.00	65.57 3.45 -0.89	83.26 4.11 -1.92	76.28 3.37 -0.85	84.85 3.94 -2.99	91.76 4.08 -1.00	82.43 3.26 -0.05	87.02 3.72 -0.01	69.10 3.55 -0.26	97.82 7.27 -4.62	101.29 9.01 -4.92	108.37 10.20 -7.48	101.01 8.95 -5.43	66.96 5.45 -1.03
GLENDALE_27_KV_LOAD 356172	52.94 2.04 -0.31	49.87 2.09 -0.37	41.95 2.18 0.00	33.19 1.86 0.00	39.28 1.86 0.00	39.15 1.93 0.00	47.35 2.46 0.00	54.98 2.45 -0.48	57.83 2.22 -0.56	57.52 2.07 -0.44	54.16 2.64 -0.69	67.09 2.94 -2.92	82.40 3.98 -1.18	76.74 3.82 -0.85	83.35 4.29 -1.13	92.85 5.60 -0.57	85.34 6.12 -0.09	89.91 6.61 0.00	70.04 4.75 0.00	90.42 4.48 0.00	90.93 3.56 0.00	93.45 2.76 0.00	88.71 2.08 0.00	62.12 1.64 0.00
GLENWOOD_IC_1_G5 23712	46.08 1.60 6.11	44.52 1.58 4.47	41.54 1.77 0.00	32.87 1.53 0.00	38.86 1.45 0.00	38.78 1.56 0.00	41.01 1.84 5.71	48.53 1.81 5.35	52.75 1.65 3.94	53.71 1.54 2.83	51.35 2.23 1.71	60.91 2.61 2.93	73.35 3.49 7.38	69.03 3.34 6.37	74.53 3.80 7.19	87.76 5.03 3.96	82.99 5.67 1.81	89.52 6.22 -0.01	69.97 4.64 -0.05	90.12 4.20 0.00	84.54 3.42 6.24	81.21 2.55 12.03	80.72 1.67 7.58	56.37 1.47 5.58
GLENWOOD_IC_2_G1 23688	52.40 1.50 -0.31	49.28 1.50 -0.37	41.47 1.70 0.00	32.82 1.48 0.00	38.79 1.37 0.00	38.69 1.47 0.00	46.66 1.77 0.00	57.56 1.70 -3.79	61.08 1.52 -4.52	59.95 1.35 -3.59	55.20 2.04 -2.33	70.00 2.40 -6.37	89.29 3.34 -8.72	81.92 3.17 -6.69	90.35 3.59 -8.84	95.88 4.79 -4.40	84.98 5.39 -0.46	89.20 5.90 0.00	69.51 4.22 0.00	89.90 3.97 0.00	90.51 3.20 0.06	92.96 2.39 0.11	88.21 1.60 0.02	61.77 1.28 0.00
GLENWOOD_IC_3_G1 23689	52.40 1.50 -0.31	49.28 1.50 -0.37	41.47 1.70 0.00	32.82 1.48 0.00	38.79 1.37 0.00	38.69 1.47 0.00	46.66 1.77 0.00	57.56 1.70 -3.79	61.08 1.52 -4.52	59.95 1.35 -3.59	55.20 2.04 -2.33	70.00 2.40 -6.37	89.29 3.34 -8.72	81.92 3.17 -6.69	90.35 3.59 -8.84	95.88 4.79 -4.40	84.98 5.39 -0.46	89.20 5.90 0.00	69.51 4.22 0.00	89.90 3.97 0.00	90.51 3.20 0.06	92.96 2.39 0.11	88.21 1.60 0.02	61.77 1.28 0.00
GLENWOOD____4 23550	46.08 1.60 6.11	44.52 1.58 4.47	41.54 1.77 0.00	32.87 1.53 0.00	38.86 1.45 0.00	38.78 1.56 0.00	41.01 1.84 5.71	48.53 1.81 5.35	52.75 1.65 3.94	53.71 1.54 2.83	51.35 2.23 1.71	60.91 2.61 2.93	73.45 3.59 7.38	69.11 3.41 6.37	74.62 3.89 7.19	87.88 5.16 3.96	83.08 5.76 1.81	89.62 6.32 -0.01	69.97 4.64 -0.05	90.23 4.30 0.00	84.65 3.52 6.24	81.30 2.64 12.03	80.82 1.77 7.58	56.37 1.47 5.58
GLENWOOD____5 23614	46.08 1.60 6.11	44.52 1.58 4.47	41.54 1.77 0.00	32.87 1.53 0.00	38.86 1.45 0.00	38.78 1.56 0.00	41.01 1.84 5.71	48.53 1.81 5.35	52.75 1.65 3.94	53.71 1.54 2.83	51.35 2.23 1.71	60.91 2.61 2.93	73.45 3.59 7.38	69.11 3.41 6.37	74.62 3.89 7.19	87.88 5.16 3.96	83.08 5.76 1.81	89.62 6.32 -0.01	69.97 4.64 -0.05	90.23 4.30 0.00	84.65 3.52 6.24	81.30 2.64 12.03	80.82 1.77 7.58	56.37 1.47 5.58
GLOBAL GREEN_PORT_GT1 23814	31.72 3.03 21.89	33.53 2.50 16.39	42.23 2.47 0.01	33.46 2.13 0.00	39.41 2.00 0.01	39.54 2.32 0.00	27.77 2.65 19.77	31.92 3.12 23.26	39.39 3.08 18.73	44.42 3.28 13.86	45.85 3.97 8.95	46.36 4.81 19.68	48.47 6.59 35.36	48.67 6.05 29.44	48.75 6.42 35.59	75.38 8.43 19.73	80.37 9.38 8.13	93.68 10.39 0.00	72.61 7.35 0.03	90.40 7.58 3.11	73.91 6.40 19.85	59.88 5.61 36.42	67.01 4.65 24.27	45.30 3.02 18.21
GLOBE____DSASP 323697	52.81 2.22 0.00	48.39 0.98 0.00	39.63 -0.14 0.00	31.14 -0.20 0.00	36.57 -0.85 0.00	36.73 -0.49 0.00	44.28 -0.61 0.00	50.91 -1.16 0.00	55.07 0.03 0.00	56.44 1.43 0.00	51.70 0.87 0.00	62.97 1.74 0.00	79.37 2.14 0.00	73.32 1.25 0.00	79.93 2.01 0.00	88.44 1.75 0.00	80.06 0.94 0.00	84.41 1.11 0.00	65.21 -0.08 0.00	85.73 -0.21 0.00	88.75 1.38 0.00	93.70 3.01 0.00	88.32 1.69 0.00	61.84 1.35 0.00
GOETHSLN____LBMP 323567	52.32 1.42 -0.31	49.31 1.53 -0.37	41.51 1.74 0.00	32.84 1.50 0.00	38.85 1.43 0.00	38.67 1.45 0.00	46.80 1.92 0.00	53.09 1.72 0.69	55.04 1.39 1.40	52.36 1.24 3.88	52.78 1.90 -0.05	66.28 2.15 -2.90	81.36 2.99 -1.13	75.77 2.89 -0.81	82.24 3.25 -1.07	91.66 4.44 -0.54	84.29 5.08 -0.09	88.85 5.56 0.00	69.20 3.91 0.00	89.35 3.42 0.00	89.91 2.54 0.00	92.39 1.70 0.00	87.81 1.18 0.00	61.53 1.04 0.00
GOLAH____69_KV_TB 1_2 80279	54.27 3.67 0.00	49.92 2.51 0.00	41.19 1.42 0.00	32.30 0.96 0.00	38.07 0.66 0.00	38.13 0.90 0.00	46.14 1.25 0.00	53.34 1.27 0.00	57.13 2.09 0.00	58.05 3.04 0.00	53.50 2.67 0.00	65.03 3.80 0.00	82.13 4.89 0.00	76.28 4.21 0.00	82.88 4.95 0.00	92.00 5.32 0.00	83.65 4.52 0.00	88.35 5.06 0.00	68.83 3.54 0.00	90.74 4.80 0.00	93.16 5.80 0.00	97.31 6.62 0.00	91.50 4.87 0.00	63.76 3.28 0.00
GOODYEAR_LAKE_HYD 323669	52.98 2.39 0.00	49.58 2.16 0.00	41.72 1.94 0.00	32.88 1.55 0.00	39.07 1.66 0.00	38.88 1.65 0.00	46.80 1.91 0.00	54.09 2.02 0.00	57.31 2.27 0.00	57.40 2.40 0.00	53.28 2.45 0.00	64.32 3.09 0.00	81.31 4.07 0.00	75.79 3.73 0.00	82.00 4.08 0.00	91.43 4.75 0.00	83.81 4.68 0.00	88.46 5.16 0.00	69.26 3.96 0.00	91.01 5.08 0.00	92.34 4.98 0.00	95.50 4.81 0.00	90.64 4.01 0.00	63.21 2.72 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.81 1.22 0.00	48.27 0.86 0.00	40.41 0.63 0.00	31.96 0.63 0.00	37.84 0.43 0.00	37.83 0.60 0.00	45.46 0.57 0.00	52.45 0.38 0.00	55.67 0.63 0.00	55.77 0.77 0.00	51.71 0.88 0.00	62.48 1.25 0.00	79.06 1.82 0.00	73.50 1.44 0.00	79.84 1.91 0.00	88.94 2.25 0.00	81.76 2.64 0.00	86.26 2.96 0.00	67.47 2.18 0.00	88.79 2.86 0.00	89.99 2.63 0.00	93.39 2.70 0.00	88.30 1.68 0.00	61.63 1.14 0.00

GOUDEY___7 23579	51.81 1.22 0.00	48.27 0.86 0.00	40.41 0.63 0.00	31.96 0.63 0.00	37.84 0.43 0.00	37.83 0.60 0.00	45.46 0.57 0.00	52.45 0.38 0.00	55.67 0.63 0.00	55.77 0.77 0.00	51.71 0.88 0.00	62.48 1.25 0.00	79.06 1.82 0.00	73.50 1.44 0.00	79.84 1.91 0.00	88.94 2.25 0.00	81.76 2.64 0.00	86.26 2.96 0.00	67.47 2.18 0.00	88.79 2.86 0.00	89.99 2.63 0.00	93.39 2.70 0.00	88.30 1.68 0.00	61.63 1.14 0.00
GOUDEY___8 23580	51.81 1.22 0.00	48.27 0.86 0.00	40.41 0.63 0.00	31.96 0.63 0.00	37.84 0.43 0.00	37.83 0.60 0.00	45.46 0.57 0.00	52.45 0.38 0.00	55.67 0.63 0.00	55.77 0.77 0.00	51.71 0.88 0.00	62.48 1.25 0.00	79.06 1.82 0.00	73.50 1.44 0.00	79.84 1.91 0.00	88.94 2.25 0.00	81.76 2.64 0.00	86.26 2.96 0.00	67.47 2.18 0.00	88.79 2.86 0.00	89.99 2.63 0.00	93.39 2.70 0.00	88.30 1.68 0.00	61.63 1.14 0.00
GOWANUS_GT1_1 24077	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT1_2 24078	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT1_3 24079	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT1_4 24080	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT1_5 24084	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT1_6 24111	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT1_7 24112	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT1_8 24113	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT2_1 24114	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT2_2 24115	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT2_3 24116	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT2_4 24117	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT2_5 24118	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00

GOWANUS_GT2_6 24119	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT2_7 24120	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT2_8 24121	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_1 24122	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_2 24123	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_3 24124	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_4 24125	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_5 24126	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_6 24127	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_7 24128	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT3_8 24129	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
GOWANUS_GT4_1 24130	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT4_2 24131	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT4_3 24132	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT4_4 24133	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00

GOWANUS_GT4_5 24134	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT4_6 24135	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT4_7 24136	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GOWANUS_GT4_8 24137	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GREATVRV_69_KV_BK1 356245	31.13 1.64 21.10	33.10 1.47 15.79	41.51 1.75 0.01	32.88 1.54 0.00	38.76 1.35 0.01	38.86 1.64 0.00	27.52 1.71 19.07	31.35 1.74 22.45	38.46 1.51 18.09	43.09 1.48 13.39	44.53 2.34 8.64	44.99 2.70 18.95	46.88 3.80 34.16	47.20 3.58 28.45	47.58 4.02 34.37	73.07 5.42 19.03	77.70 6.39 7.82	90.25 6.96 0.00	70.13 4.86 0.02	87.02 4.56 3.47	71.62 3.62 19.36	58.13 2.70 35.27	64.96 1.79 23.46	44.23 1.33 17.59
GREENBSH_115KV_TB3 55895	49.73 -0.62 0.24	46.65 -0.48 0.28	39.76 -0.01 0.00	31.47 0.13 0.00	37.39 -0.03 0.00	37.20 -0.02 0.00	44.64 -0.25 0.00	51.56 -0.50 0.00	54.29 -0.74 0.00	53.93 -1.08 0.00	49.68 -0.80 0.36	58.30 -1.04 1.89	75.99 -1.16 0.08	71.17 -0.90 0.00	77.24 -0.69 0.00	86.34 -0.35 0.00	79.15 0.02 0.00	83.64 0.34 0.00	65.71 0.41 0.00	85.73 -0.21 0.00	86.81 -0.55 0.00	89.59 -1.10 0.00	85.36 -1.27 0.00	59.76 -0.72 0.00
GREENDGE_115KV_TB5 80291	53.01 2.42 0.00	49.16 1.75 0.00	40.94 1.17 0.00	32.25 0.91 0.00	38.09 0.68 0.00	38.19 0.97 0.00	46.01 1.12 0.00	52.74 0.67 0.00	56.17 1.14 0.00	56.50 1.49 0.00	52.21 1.38 0.00	63.27 2.04 0.00	80.03 2.80 0.00	74.33 2.26 0.00	80.80 2.88 0.00	90.07 3.39 0.00	82.82 3.69 0.00	87.46 4.17 0.00	68.44 3.14 0.00	90.33 4.39 0.00	91.73 4.37 0.00	95.01 4.32 0.00	89.85 3.22 0.00	62.81 2.33 0.00
GREENIDGE___3 23582	53.01 2.42 0.00	49.16 1.75 0.00	40.94 1.17 0.00	32.25 0.91 0.00	38.09 0.68 0.00	38.19 0.97 0.00	46.01 1.12 0.00	52.74 0.67 0.00	56.17 1.14 0.00	56.50 1.49 0.00	52.21 1.38 0.00	63.27 2.04 0.00	80.03 2.80 0.00	74.33 2.26 0.00	80.80 2.88 0.00	90.07 3.39 0.00	82.82 3.69 0.00	87.46 4.17 0.00	68.44 3.14 0.00	90.33 4.39 0.00	91.73 4.37 0.00	95.01 4.32 0.00	89.85 3.22 0.00	62.81 2.33 0.00
GREENIDGE___4 23583	53.01 2.42 0.00	49.15 1.74 0.00	40.94 1.17 0.00	32.25 0.91 0.00	38.09 0.68 0.00	38.19 0.96 0.00	45.99 1.10 0.00	52.74 0.67 0.00	56.17 1.13 0.00	56.49 1.49 0.00	52.20 1.37 0.00	63.24 2.01 0.00	79.98 2.75 0.00	74.32 2.25 0.00	80.80 2.88 0.00	90.07 3.39 0.00	82.82 3.69 0.00	87.46 4.17 0.00	68.44 3.15 0.00	90.33 4.39 0.00	91.72 4.36 0.00	95.05 4.36 0.00	89.82 3.19 0.00	62.81 2.32 0.00
GREENLWN_69_KV_BK 3 55738	29.41 0.15 21.33	31.77 0.31 15.95	40.65 0.88 0.01	32.19 0.86 0.00	38.00 0.59 0.01	38.05 0.83 0.00	26.17 0.55 19.27	29.59 0.33 22.81	36.59 -0.04 18.41	41.23 -0.14 13.64	42.88 0.84 8.78	42.92 0.96 19.28	44.04 1.58 34.77	44.50 1.38 28.95	44.66 1.74 35.00	70.05 2.75 19.38	74.97 3.78 7.94	87.45 4.16 0.00	67.98 2.71 0.02	67.72 1.85 20.06	63.75 1.08 24.70	55.23 0.11 35.57	62.24 -0.71 23.67	42.34 -0.39 17.76
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00
GRISSOM___SOLAR 323813	53.83 3.42 0.18	50.27 3.08 0.22	42.34 2.57 0.00	33.30 1.97 0.00	39.66 2.24 0.00	39.51 2.29 0.00	47.51 2.62 0.00	54.65 2.58 0.00	57.04 2.00 0.00	56.46 1.46 0.00	51.49 0.93 0.27	60.93 1.14 1.44	78.52 1.35 0.06	73.83 1.76 0.00	79.91 1.99 0.00	89.48 2.79 0.00	81.72 2.59 0.00	87.06 3.76 0.00	68.85 3.56 0.00	91.90 5.96 0.00	94.56 7.20 0.00	97.92 7.23 0.00	93.05 6.43 0.00	64.83 4.35 0.00
GROVEVILLE___HYD 323602	52.96 2.12 -0.25	49.72 2.02 -0.29	41.83 2.06 0.00	33.07 1.74 0.00	39.15 1.74 0.00	39.00 1.78 0.00	47.08 2.19 0.00	54.27 2.20 0.00	57.16 2.13 0.00	56.95 1.94 0.00	53.57 2.37 -0.37	66.09 2.90 -1.96	81.37 4.06 -0.08	76.01 3.95 0.00	82.47 4.54 0.00	92.61 5.93 0.00	85.43 6.31 0.00	90.17 6.87 0.00	70.38 5.09 0.00	91.27 5.34 0.00	91.92 4.56 0.00	94.52 3.83 0.00	89.69 3.06 0.00	62.65 2.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	52.06 0.56 -0.91	48.56 0.27 -0.89	39.93 0.16 0.00	31.52 0.18 0.00	37.41 -0.01 0.00	37.33 0.11 0.00	45.14 0.09 -0.15	53.61 -0.02 -1.55	55.69 0.09 -0.55	55.74 0.21 -0.53	51.09 0.26 0.00	62.56 0.46 -0.86	79.69 0.59 -1.87	73.23 0.34 -0.82	81.41 0.58 -2.90	88.36 0.68 -1.00	80.05 0.88 -0.05	84.42 1.11 -0.01	66.41 0.87 -0.25	91.64 1.22 -4.49	93.41 1.26 -4.79	99.13 1.16 -7.28	92.39 0.48 -5.29	61.68 0.19 -1.00
HAMLTNNY_34_KV_TB 80303	52.73 1.29 -0.86	49.07 0.82 -0.83	40.31 0.54 0.00	31.78 0.45 0.00	37.66 0.25 0.00	37.60 0.38 0.00	45.50 0.46 -0.14	53.87 0.35 -1.45	56.02 0.46 -0.52	56.31 0.80 -0.50	51.70 0.86 0.00	63.35 1.31 -0.81	80.77 1.78 -1.75	74.32 1.48 -0.77	82.54 1.88 -2.72	89.67 2.05 -0.94	81.24 2.07 -0.05	85.73 2.42 -0.01	67.32 1.80 -0.23	92.67 2.53 -4.21	94.60 2.74 -4.49	100.39 2.87 -6.82	93.58 2.00 -4.95	62.65 1.23 -0.94

HAMPSHIRE___PAPER_HYD 323593	52.45 1.52 -0.33	49.09 1.36 -0.32	40.58 0.81 0.00	31.83 0.50 0.00	38.35 0.93 0.00	38.29 1.07 0.00	46.40 1.46 -0.06	54.46 1.81 -0.58	57.21 1.96 -0.21	56.97 1.77 -0.20	51.97 1.14 0.00	62.34 0.79 -0.33	78.60 0.66 -0.70	72.61 0.23 -0.31	79.37 0.36 -1.10	87.22 0.17 -0.37	78.63 -0.52 -0.02	82.54 -0.76 0.00	65.31 -0.07 -0.09	89.43 1.80 -1.69	91.86 2.69 -1.80	97.13 3.70 -2.74	92.30 3.68 -1.99	63.20 2.33 -0.38
HARDSCRABBLE_WT_PWR 323673	50.97 0.38 0.00	47.71 0.30 0.00	40.38 0.61 0.00	32.01 0.67 0.00	37.96 0.55 0.00	37.82 0.59 0.00	45.25 0.36 0.00	51.97 -0.10 0.00	54.33 -0.71 0.00	53.83 -1.17 0.00	49.83 -1.00 0.00	60.03 -1.20 0.00	75.92 -1.31 0.00	71.41 -0.66 0.00	77.36 -0.57 0.00	86.70 0.01 0.00	79.92 0.79 0.00	85.17 1.87 0.00	67.25 1.96 0.00	88.20 2.27 0.00	89.76 2.40 0.00	92.56 1.87 0.00	87.79 1.17 0.00	61.05 0.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.77 1.91 -0.27	49.53 1.80 -0.32	41.64 1.87 0.00	32.92 1.58 0.00	38.95 1.53 0.00	38.78 1.56 0.00	46.86 1.97 0.00	53.97 1.90 0.00	56.84 1.80 0.00	56.70 1.70 0.00	53.44 2.21 -0.40	66.14 2.79 -2.12	81.28 3.96 -0.09	75.87 3.80 0.00	82.22 4.30 0.00	92.24 5.56 0.00	85.16 6.03 0.00	89.82 6.52 0.00	70.01 4.72 0.00	90.80 4.87 0.00	91.46 4.10 0.00	94.08 3.39 0.00	89.30 2.67 0.00	62.44 1.96 0.00
HARSNRAD_115KV_TB1 81005	53.76 3.17 0.00	49.25 1.84 0.00	40.34 0.57 0.00	31.65 0.32 0.00	37.17 -0.24 0.00	37.36 0.13 0.00	45.18 0.29 0.00	51.86 -0.21 0.00	55.88 0.84 0.00	57.26 2.25 0.00	52.47 1.64 0.00	63.83 2.60 0.00	80.42 3.18 0.00	74.24 2.18 0.00	80.88 2.95 0.00	89.56 2.88 0.00	81.28 2.16 0.00	85.68 2.38 0.00	66.34 1.05 0.00	87.35 1.42 0.00	90.42 3.05 0.00	95.11 4.42 0.00	89.27 2.65 0.00	62.60 2.11 0.00
HARZA MOOSE___RIVER 24016	53.07 2.25 -0.23	49.50 1.86 -0.23	41.19 1.42 0.00	32.41 1.07 0.00	38.79 1.37 0.00	38.74 1.52 0.00	46.72 1.80 -0.04	54.47 2.00 -0.40	57.33 2.15 -0.15	57.23 2.09 -0.14	52.71 1.87 0.00	63.52 2.06 -0.23	80.39 2.67 -0.49	74.51 2.23 -0.22	81.28 2.60 -0.76	89.86 2.92 -0.26	81.69 2.55 -0.01	86.37 3.07 0.00	68.16 2.81 -0.06	91.82 4.72 -1.17	93.94 5.32 -1.25	98.37 5.77 -1.91	93.01 4.99 -1.38	63.86 3.12 -0.26
HDSNBRDG_115KV_BRDG_TB1 355580	50.75 0.16 0.00	47.30 -0.11 0.00	39.61 -0.16 0.00	31.26 -0.07 0.00	37.11 -0.31 0.00	37.03 -0.20 0.00	44.60 -0.29 0.00	51.60 -0.46 0.00	54.73 -0.31 0.00	54.84 -0.17 0.00	50.81 -0.02 0.00	61.39 0.16 0.00	77.61 0.38 0.00	72.32 0.25 0.00	78.41 0.48 0.00	87.30 0.61 0.00	79.96 0.84 0.00	84.32 1.02 0.00	66.04 0.75 0.00	86.89 0.95 0.00	88.30 0.93 0.00	91.55 0.86 0.00	86.82 0.19 0.00	60.49 0.01 0.00
HELLGATE_13_KV_LD 55870	53.09 2.19 -0.31	50.01 2.23 -0.37	42.08 2.31 0.00	33.29 1.96 0.00	39.40 1.99 0.00	39.26 2.04 0.00	47.51 2.62 0.00	55.11 2.62 -0.42	57.94 2.40 -0.50	57.64 2.25 -0.39	54.30 2.80 -0.67	67.24 3.14 -2.87	82.57 4.27 -1.06	76.93 4.11 -0.76	83.53 4.60 -1.00	93.12 5.93 -0.51	85.62 6.41 -0.08	90.21 6.91 0.00	70.26 4.97 0.00	90.72 4.78 0.00	91.23 3.87 0.00	93.72 3.03 0.00	88.99 2.36 0.00	62.31 1.83 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.09 2.19 -0.31	50.01 2.23 -0.37	42.08 2.31 0.00	33.29 1.96 0.00	39.40 1.99 0.00	39.26 2.04 0.00	47.51 2.62 0.00	55.11 2.62 -0.42	57.94 2.40 -0.50	57.64 2.25 -0.39	54.30 2.80 -0.67	67.24 3.14 -2.87	82.57 4.27 -1.06	76.93 4.11 -0.76	83.53 4.60 -1.00	93.12 5.93 -0.51	85.62 6.41 -0.08	90.21 6.91 0.00	70.26 4.97 0.00	90.72 4.78 0.00	91.23 3.87 0.00	93.72 3.03 0.00	88.99 2.36 0.00	62.31 1.83 0.00
HEMPSTEAD____ 23647	42.13 1.10 9.56	41.44 1.11 7.08	41.18 1.41 0.00	32.58 1.25 0.00	38.50 1.09 0.00	38.47 1.25 0.00	37.47 1.37 8.79	43.57 1.31 9.81	48.37 1.13 7.80	50.19 0.96 5.77	48.98 1.73 3.58	55.98 2.04 7.29	65.38 2.88 14.73	62.34 2.69 12.42	66.42 3.09 14.59	83.00 4.24 7.92	80.91 4.94 3.15	88.71 5.40 -0.01	69.15 3.80 -0.06	89.24 3.31 0.01	80.56 2.59 9.40	74.31 1.75 18.13	76.05 0.94 11.52	52.83 0.85 8.51
HICKLING___1 23621	52.88 2.29 0.00	48.95 1.53 0.00	40.67 0.90 0.00	32.22 0.89 0.00	38.01 0.60 0.00	38.15 0.93 0.00	45.88 1.00 0.00	52.78 0.71 0.00	56.33 1.30 0.00	56.64 1.63 0.00	52.44 1.61 0.00	63.56 2.32 0.00	80.48 3.24 0.00	74.48 2.41 0.00	81.17 3.25 0.00	90.37 3.69 0.00	83.22 4.09 0.00	87.88 4.58 0.00	68.60 3.31 0.00	90.62 4.68 0.00	91.93 4.56 0.00	95.65 4.96 0.00	89.94 3.31 0.00	62.73 2.25 0.00
HICKLING___2 23622	52.88 2.29 0.00	48.95 1.53 0.00	40.67 0.90 0.00	32.22 0.89 0.00	38.01 0.60 0.00	38.15 0.93 0.00	45.88 1.00 0.00	52.78 0.71 0.00	56.33 1.30 0.00	56.64 1.63 0.00	52.44 1.61 0.00	63.56 2.32 0.00	80.48 3.24 0.00	74.48 2.41 0.00	81.17 3.25 0.00	90.37 3.69 0.00	83.22 4.09 0.00	87.88 4.58 0.00	68.60 3.31 0.00	90.62 4.68 0.00	91.93 4.56 0.00	95.65 4.96 0.00	89.94 3.31 0.00	62.73 2.25 0.00
HIGH FALLS___HY 23754	10.14 2.33 42.78	49.77 2.16 -0.20	41.91 2.14 0.00	33.11 1.78 0.00	39.17 1.75 0.00	39.01 1.78 0.00	47.11 2.22 0.00	54.27 2.21 0.00	57.18 2.14 0.00	57.00 1.99 0.00	53.44 2.36 -0.25	65.59 3.05 -1.31	81.46 4.17 -0.06	76.29 4.22 0.00	82.67 4.75 0.00	92.77 6.09 0.00	85.98 6.86 0.00	90.69 7.39 0.00	70.87 5.58 0.00	91.98 6.05 0.00	92.59 5.23 0.00	95.09 4.40 0.00	90.20 3.58 0.00	62.96 2.47 0.00
HIGH_RIVER___SOLAR 323847	52.36 1.96 0.20	48.99 1.81 0.23	41.44 1.67 0.00	32.67 1.34 0.00	38.88 1.46 0.00	38.70 1.48 0.00	46.53 1.64 0.00	53.53 1.46 0.00	56.04 1.00 0.00	55.56 0.56 0.00	50.88 0.34 0.29	59.95 0.27 1.55	77.49 0.33 0.06	72.57 0.51 0.00	78.72 0.80 0.00	88.26 1.58 0.00	81.09 1.96 0.00	86.00 2.70 0.00	67.80 2.51 0.00	89.72 3.78 0.00	91.59 4.23 0.00	94.77 4.08 0.00	90.17 3.54 0.00	62.95 2.46 0.00
HILLBURN___GT 23639	52.51 1.64 -0.28	49.33 1.59 -0.33	41.49 1.72 0.00	32.81 1.48 0.00	38.81 1.39 0.00	38.63 1.41 0.00	46.73 1.84 0.00	54.12 1.72 -0.34	56.98 1.54 -0.40	56.68 1.36 -0.32	53.35 1.94 -0.58	66.18 2.41 -2.54	81.49 3.39 -0.87	75.87 3.20 -0.61	82.26 3.53 -0.81	91.85 4.76 -0.41	84.47 5.28 -0.07	89.12 5.82 0.00	69.47 4.17 0.00	89.90 3.97 0.00	90.51 3.14 0.00	93.12 2.43 0.00	88.53 1.90 0.00	61.96 1.47 0.00
HILLSIDE_115KV_TB1 80332	51.80 1.21 0.00	48.05 0.64 0.00	39.99 0.22 0.00	31.72 0.39 0.00	37.44 0.02 0.00	37.57 0.34 0.00	45.11 0.22 0.00	51.87 -0.20 0.00	55.32 0.28 0.00	55.54 0.53 0.00	51.48 0.65 0.00	62.33 1.10 0.00	78.94 1.70 0.00	73.11 1.04 0.00	79.66 1.73 0.00	88.69 2.01 0.00	81.76 2.63 0.00	86.17 2.87 0.00	67.24 1.95 0.00	88.79 2.86 0.00	89.85 2.48 0.00	93.52 2.82 0.00	88.09 1.46 0.00	61.48 0.99 0.00

HISHELDN_WT_PWR 323625	53.76 3.17 0.00	49.36 1.95 0.00	40.60 0.82 0.00	31.95 0.62 0.00	37.56 0.15 0.00	37.76 0.53 0.00	45.58 0.69 0.00	52.51 0.44 0.00	56.48 1.44 0.00	57.50 2.49 0.00	52.87 2.04 0.00	64.21 2.98 0.00	81.03 3.79 0.00	74.85 3.59 0.00	81.51 3.75 0.00	90.44 3.42 0.00	82.54 3.83 0.00	87.13 2.30 0.00	67.59 3.37 0.00	89.31 3.77 0.00	92.05 4.68 0.00	96.35 5.66 0.00	90.39 3.76 0.00	63.21 2.73 0.00
HOLTSVILLE_IC_1 23690	29.27 0.62 21.94	31.53 0.54 16.42	40.73 0.96 0.01	32.29 0.95 0.00	38.05 0.64 0.01	38.13 0.91 0.00	25.89 0.81 19.81	29.47 0.71 23.30	36.66 0.37 18.76	41.40 0.28 13.88	43.04 1.18 8.97	42.88 1.36 19.72	43.80 1.97 35.41	44.42 1.84 29.49	44.43 2.15 35.65	70.15 3.23 19.77	75.27 4.30 8.15	87.95 4.66 0.00	68.34 3.08 0.03	85.27 2.26 2.92	68.82 1.28 19.83	54.56 0.35 36.48	61.93 -0.39 24.31	42.10 -0.15 18.24
HOLTSVILLE_IC_10 23699	29.80 0.95 21.74	31.93 0.78 16.27	40.93 1.17 0.01	32.44 1.11 0.00	38.23 0.82 0.01	38.31 1.09 0.00	26.30 1.05 19.64	29.99 1.03 23.11	37.17 0.74 18.61	41.90 0.67 13.77	43.51 1.57 8.89	43.56 1.87 19.54	44.73 2.62 35.13	45.28 2.47 29.26	45.40 2.84 35.36	71.06 3.98 19.60	76.08 5.03 8.07	88.71 5.42 0.00	68.94 3.67 0.03	85.17 2.98 3.74	69.36 1.93 19.93	55.52 1.02 36.19	62.75 0.22 24.10	42.62 0.23 18.09
HOLTSVILLE_IC_2 23691	29.27 0.62 21.94	31.53 0.54 16.42	40.73 0.96 0.01	32.29 0.95 0.00	38.05 0.64 0.01	38.13 0.91 0.00	25.89 0.81 19.81	29.47 0.71 23.30	36.66 0.37 18.76	41.40 0.28 13.88	43.04 1.18 8.97	42.88 1.36 19.72	43.80 1.97 35.41	44.42 1.84 29.49	44.43 2.15 35.65	70.15 3.23 19.77	75.27 4.30 8.15	87.95 4.66 0.00	68.34 3.08 0.03	85.27 2.26 2.92	68.82 1.28 19.83	54.56 0.35 36.48	61.93 -0.39 24.31	42.10 -0.15 18.24
HOLTSVILLE_IC_3 23692	29.27 0.62 21.94	31.53 0.54 16.42	40.73 0.96 0.01	32.29 0.95 0.00	38.05 0.64 0.01	38.13 0.91 0.00	25.89 0.81 19.81	29.47 0.71 23.30	36.66 0.37 18.76	41.40 0.28 13.88	43.04 1.18 8.97	42.88 1.36 19.72	43.80 1.97 35.41	44.42 1.84 29.49	44.43 2.15 35.65	70.15 3.23 19.77	75.27 4.30 8.15	87.95 4.66 0.00	68.34 3.08 0.03	85.27 2.26 2.92	68.82 1.28 19.83	54.56 0.35 36.48	61.93 -0.39 24.31	42.10 -0.15 18.24
HOLTSVILLE_IC_4 23693	29.27 0.62 21.94	31.53 0.54 16.42	40.73 0.96 0.01	32.29 0.95 0.00	38.05 0.64 0.01	38.13 0.91 0.00	25.89 0.81 19.81	29.47 0.71 23.30	36.66 0.37 18.76	41.40 0.28 13.88	43.04 1.18 8.97	42.88 1.36 19.72	43.80 1.97 35.41	44.42 1.84 29.49	44.43 2.15 35.65	70.15 3.23 19.77	75.27 4.30 8.15	87.95 4.66 0.00	68.34 3.08 0.03	85.27 2.26 2.92	68.82 1.28 19.83	54.56 0.35 36.48	61.93 -0.39 24.31	42.10 -0.15 18.24
HOLTSVILLE_IC_5 23694	29.27 0.62 21.94	31.53 0.54 16.42	40.73 0.96 0.01	32.29 0.95 0.00	38.05 0.64 0.01	38.13 0.91 0.00	25.89 0.81 19.81	29.47 0.71 23.30	36.66 0.37 18.76	41.40 0.28 13.88	43.04 1.18 8.97	42.88 1.36 19.72	43.80 1.97 35.41	44.42 1.84 29.49	44.43 2.15 35.65	70.15 3.23 19.77	75.27 4.30 8.15	87.95 4.66 0.00	68.34 3.08 0.03	85.27 2.26 2.92	68.82 1.28 19.83	54.56 0.35 36.48	61.93 -0.39 24.31	42.10 -0.15 18.24
HOLTSVILLE_IC_6 23695	29.80 0.95 21.74	31.93 0.78 16.27	40.93 1.17 0.01	32.44 1.11 0.00	38.23 0.82 0.01	38.31 1.09 0.00	26.30 1.05 19.64	29.99 1.03 23.11	37.17 0.74 18.61	41.90 0.67 13.77	43.51 1.57 8.89	43.56 1.87 19.54	44.73 2.62 35.13	45.28 2.47 29.26	45.40 2.84 35.36	71.06 3.98 19.60	76.08 5.03 8.07	88.71 5.42 0.00	68.94 3.67 0.03	85.17 2.98 3.74	69.36 1.93 19.93	55.52 1.02 36.19	62.75 0.22 24.10	42.62 0.23 18.09
HOLTSVILLE_IC_7 23696	29.80 0.95 21.74	31.93 0.78 16.27	40.93 1.17 0.01	32.44 1.11 0.00	38.23 0.82 0.01	38.31 1.09 0.00	26.30 1.05 19.64	29.99 1.03 23.11	37.17 0.74 18.61	41.90 0.67 13.77	43.51 1.57 8.89	43.56 1.87 19.54	44.73 2.62 35.13	45.28 2.47 29.26	45.40 2.84 35.36	71.06 3.98 19.60	76.08 5.03 8.07	88.71 5.42 0.00	68.94 3.67 0.03	85.17 2.98 3.74	69.36 1.93 19.93	55.52 1.02 36.19	62.75 0.22 24.10	42.62 0.23 18.09
HOLTSVILLE_IC_8 23697	29.80 0.95 21.74	31.93 0.78 16.27	40.93 1.17 0.01	32.44 1.11 0.00	38.23 0.82 0.01	38.31 1.09 0.00	26.30 1.05 19.64	29.99 1.03 23.11	37.17 0.74 18.61	41.90 0.67 13.77	43.51 1.57 8.89	43.56 1.87 19.54	44.73 2.62 35.13	45.28 2.47 29.26	45.40 2.84 35.36	71.06 3.98 19.60	76.08 5.03 8.07	88.71 5.42 0.00	68.94 3.67 0.03	85.17 2.98 3.74	69.36 1.93 19.93	55.52 1.02 36.19	62.75 0.22 24.10	42.62 0.23 18.09
HOLTSVILLE_IC_9 23698	29.80 0.95 21.74	31.93 0.78 16.27	40.93 1.17 0.01	32.44 1.11 0.00	38.23 0.82 0.01	38.31 1.09 0.00	26.30 1.05 19.64	29.99 1.03 23.11	37.17 0.74 18.61	41.90 0.67 13.77	43.51 1.57 8.89	43.56 1.87 19.54	44.73 2.62 35.13	45.28 2.47 29.26	45.40 2.84 35.36	71.06 3.98 19.60	76.08 5.03 8.07	88.71 5.42 0.00	68.94 3.67 0.03	85.17 2.98 3.74	69.36 1.93 19.93	55.52 1.02 36.19	62.75 0.22 24.10	42.62 0.23 18.09
HOMER_HL_115KV_TB2 355744	53.40 2.81 0.00	49.23 1.82 0.00	40.69 0.92 0.00	32.15 0.81 0.00	37.76 0.34 0.00	37.91 0.69 0.00	45.92 1.03 0.00	53.02 0.95 0.00	56.80 1.76 0.00	57.83 2.82 0.00	53.10 2.27 0.00	63.77 2.54 0.00	80.34 3.10 0.00	74.38 2.31 0.00	80.14 2.21 0.00	88.95 2.27 0.00	81.80 2.68 0.00	86.38 3.08 0.00	67.00 1.71 0.00	88.12 2.18 0.00	90.67 3.31 0.00	94.66 3.96 0.00	89.04 2.41 0.00	62.54 2.05 0.00
HOWARD_WT_PWR 323690	54.21 3.62 0.00	49.88 2.47 0.00	41.34 1.56 0.00	32.65 1.32 0.00	38.32 0.90 0.00	38.52 1.30 0.00	46.50 1.61 0.00	53.50 1.43 0.00	57.32 2.28 0.00	57.82 2.81 0.00	53.22 2.39 0.00	64.49 3.25 0.00	81.55 4.32 0.00	75.27 3.20 0.00	81.89 3.96 0.00	91.07 4.38 0.00	83.74 4.61 0.00	88.50 5.20 0.00	68.90 3.61 0.00	91.41 5.48 0.00	93.72 6.35 0.00	97.86 7.17 0.00	91.34 4.71 0.00	63.73 3.24 0.00
HQ_GEN_CEDARS 23644	50.77 0.18 0.00	47.79 0.38 0.00	39.75 -0.02 0.00	31.11 -0.22 0.00	37.61 0.19 0.00	37.45 0.22 0.00	45.54 0.66 0.00	53.17 1.10 0.00	56.29 1.25 0.00	56.23 1.22 0.00	51.31 0.48 0.00	61.36 0.13 0.00	77.06 -0.17 0.00	71.89 -0.18 0.00	77.70 -0.23 0.00	86.02 -0.66 0.00	77.61 -1.51 0.00	80.68 -2.62 0.00	63.62 -1.67 0.00	85.20 -0.74 0.00	87.15 -0.22 0.00	91.33 0.64 0.00	87.89 1.27 0.00	61.30 0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	50.77 0.18 0.00	47.79 0.38 0.00	39.75 -0.02 0.00	31.11 -0.22 0.00	37.61 0.19 0.00	32.67 0.23 4.78	50.88 0.66 -5.34	54.92 1.10 -1.75	56.29 1.25 0.00	56.23 1.22 0.00	51.31 0.48 0.00	61.36 0.13 0.00	77.06 -0.17 0.00	71.89 -0.18 0.00	77.70 -0.23 0.00	86.02 -0.66 0.00	77.61 -1.51 0.00	80.68 -2.62 0.00	63.62 -1.67 0.00	85.19 -0.74 0.00	87.15 -0.22 0.00	91.33 0.64 0.00	87.89 1.27 0.00	61.30 0.81 0.00

HQ_GEN_IMPORT 323601	50.41 -0.18 0.00	47.95 -0.06 -0.60	39.02 -0.30 0.46	30.97 -0.36 0.00	37.30 -0.12 0.00	31.79 -0.16 5.27	44.79 -0.01 0.09	53.93 0.30 -1.57	55.41 0.37 0.00	56.99 0.43 -1.56	51.29 0.09 -0.36	61.40 0.01 -0.16	77.05 -0.18 0.00	71.91 -0.16 0.00	77.54 -0.38 0.00	85.87 -0.82 0.00	77.14 -1.27 0.72	81.62 -1.67 0.00	64.03 -1.27 0.00	84.86 -1.07 0.00	86.54 -0.82 0.00	90.34 -0.36 0.00	86.82 0.20 0.00	60.57 0.08 0.00
HQ_GEN_WHEEL 23651	50.41 -0.18 0.00	47.95 -0.06 -0.60	39.02 -0.30 0.46	30.97 -0.36 0.00	37.30 -0.12 0.00	31.79 -0.16 5.27	44.79 -0.01 0.09	53.93 0.30 -1.57	55.41 0.37 0.00	56.99 0.43 -1.56	51.29 0.09 -0.36	61.40 0.01 -0.16	77.05 -0.18 0.00	71.91 -0.16 0.00	77.54 -0.38 0.00	85.87 -0.82 0.00	77.14 -1.27 0.72	81.62 -1.67 0.00	64.03 -1.27 0.00	84.86 -1.07 0.00	86.54 -0.82 0.00	90.34 -0.36 0.00	86.82 0.20 0.00	60.57 0.08 0.00
HUDSON AVE_GT_3 23810	52.77 1.87 -0.31	49.67 1.89 -0.37	41.78 2.01 0.00	33.06 1.73 0.00	39.10 1.69 0.00	38.96 1.74 0.00	47.14 2.25 0.00	54.58 2.18 -0.34	57.37 1.93 -0.40	57.12 1.80 -0.31	53.83 2.37 -0.62	66.75 2.74 -2.78	81.87 3.77 -0.87	76.29 3.62 -0.60	82.80 4.07 -0.80	92.43 5.34 -0.41	85.09 5.90 -0.07	89.71 6.41 0.00	69.87 4.58 0.00	90.24 4.31 0.00	90.80 3.43 0.00	93.30 2.61 0.00	88.61 1.99 0.00	62.04 1.55 0.00
HUDSON AVE_GT_4 23540	52.77 1.87 -0.31	49.67 1.89 -0.37	41.78 2.01 0.00	33.06 1.73 0.00	39.10 1.69 0.00	38.96 1.74 0.00	47.14 2.25 0.00	54.58 2.18 -0.34	57.37 1.93 -0.40	57.12 1.80 -0.31	53.83 2.37 -0.62	66.75 2.74 -2.78	81.87 3.77 -0.87	76.29 3.62 -0.60	82.80 4.07 -0.80	92.43 5.34 -0.41	85.09 5.90 -0.07	89.71 6.41 0.00	69.87 4.58 0.00	90.24 4.31 0.00	90.80 3.43 0.00	93.30 2.61 0.00	88.61 1.99 0.00	62.04 1.55 0.00
HUDSON AVE_GT_5 23657	52.77 1.87 -0.31	49.67 1.89 -0.37	41.78 2.01 0.00	33.06 1.73 0.00	39.10 1.69 0.00	38.96 1.74 0.00	47.14 2.25 0.00	54.58 2.18 -0.34	57.37 1.93 -0.40	57.12 1.80 -0.31	53.83 2.37 -0.62	66.75 2.74 -2.78	81.87 3.77 -0.87	76.29 3.62 -0.60	82.80 4.07 -0.80	92.43 5.34 -0.41	85.09 5.90 -0.07	89.71 6.41 0.00	69.87 4.58 0.00	90.24 4.31 0.00	90.80 3.43 0.00	93.30 2.61 0.00	88.61 1.99 0.00	62.04 1.55 0.00
HUDSON_AVE_10 24168	52.58 1.68 -0.31	49.50 1.72 -0.37	41.64 1.87 0.00	32.94 1.61 0.00	38.98 1.56 0.00	38.83 1.61 0.00	47.00 2.11 0.00	53.21 2.06 0.92	55.53 1.81 1.31	55.73 1.66 0.94	52.96 2.22 0.09	65.06 2.55 -1.27	78.36 3.54 2.42	73.49 3.41 1.99	79.17 3.88 2.63	90.40 5.05 1.34	84.52 5.61 0.22	89.39 6.10 0.00	69.63 4.33 0.00	89.92 3.99 0.00	90.45 3.08 0.00	92.96 2.27 0.00	88.31 1.68 0.00	61.81 1.32 0.00
HUDSON___115KV_TB 4 355613	-110.91 0.46 161.97	47.66 0.44 0.19	40.47 0.70 0.00	32.00 0.67 0.00	38.01 0.59 0.00	37.85 0.62 0.00	45.43 0.54 0.00	52.52 0.45 0.00	55.37 0.33 0.00	54.98 -0.03 0.00	50.41 -0.18 0.24	59.56 -0.39 1.28	76.81 -0.37 0.05	71.91 -0.16 0.00	78.63 0.71 0.00	87.54 0.85 0.00	80.53 1.41 0.00	85.44 2.14 0.00	67.12 1.83 0.00	88.18 2.25 0.00	89.41 2.05 0.00	92.30 1.61 0.00	87.79 1.16 0.00	61.28 0.80 0.00
HUNTER MOUNT___DRP 323613	-184.29 0.68 235.55	47.92 0.63 0.12	40.59 0.82 0.00	32.08 0.75 0.00	38.13 0.72 0.00	37.97 0.75 0.00	45.59 0.70 0.00	52.75 0.68 0.00	55.67 0.63 0.00	55.25 0.24 0.00	50.72 0.04 0.15	60.41 -0.03 0.80	77.22 0.02 0.03	72.26 0.20 0.00	79.01 1.09 0.00	88.20 1.52 0.00	81.14 2.02 0.00	85.85 2.55 0.00	67.57 2.28 0.00	88.78 2.85 0.00	90.10 2.73 0.00	93.02 2.33 0.00	88.41 1.78 0.00	61.70 1.21 0.00
HUNTINGTON_RES_REC 323705	29.40 0.48 21.67	31.71 0.51 16.21	40.77 1.00 0.01	32.29 0.96 0.00	38.09 0.68 0.01	38.14 0.92 0.00	26.07 0.75 19.57	29.61 0.61 23.07	36.78 0.33 18.59	41.48 0.24 13.76	43.24 1.28 8.88	43.37 1.65 19.51	44.46 2.32 35.09	44.94 2.10 29.22	45.08 2.48 35.33	70.72 3.61 19.58	75.70 4.63 8.05	88.24 4.95 0.00	68.56 3.29 0.03	78.24 2.51 10.20	67.00 1.52 21.88	55.16 0.55 36.08	62.35 -0.25 24.03	42.32 -0.13 18.03
HUNTLEY___63 23557	54.24 3.65 0.00	49.66 2.25 0.00	40.67 0.90 0.00	31.92 0.59 0.00	37.50 0.08 0.00	37.70 0.47 0.00	45.53 0.64 0.00	52.41 0.34 0.00	56.63 1.59 0.00	58.04 3.04 0.00	53.25 2.42 0.00	64.87 3.64 0.00	81.83 4.59 0.00	75.35 3.28 0.00	82.07 4.14 0.00	90.89 4.20 0.00	82.59 3.47 0.00	87.11 3.82 0.00	67.41 2.12 0.00	88.61 2.68 0.00	91.66 4.30 0.00	96.42 5.73 0.00	90.71 4.09 0.00	63.48 2.99 0.00
HUNTLEY___64 23558	54.24 3.65 0.00	49.66 2.25 0.00	40.67 0.90 0.00	31.92 0.59 0.00	37.50 0.08 0.00	37.70 0.47 0.00	45.53 0.64 0.00	52.41 0.34 0.00	56.63 1.59 0.00	58.04 3.04 0.00	53.25 2.42 0.00	64.87 3.64 0.00	81.83 4.59 0.00	75.35 3.28 0.00	82.07 4.14 0.00	90.89 4.20 0.00	82.59 3.47 0.00	87.11 3.82 0.00	67.41 2.12 0.00	88.61 2.68 0.00	91.66 4.30 0.00	96.42 5.73 0.00	90.71 4.09 0.00	63.48 2.99 0.00
HUNTLEY___65 23559	54.24 3.65 0.00	49.66 2.25 0.00	40.67 0.90 0.00	31.92 0.59 0.00	37.50 0.08 0.00	37.70 0.47 0.00	45.53 0.64 0.00	52.41 0.34 0.00	56.63 1.59 0.00	58.04 3.04 0.00	53.25 2.42 0.00	64.87 3.64 0.00	81.83 4.59 0.00	75.35 3.28 0.00	82.07 4.14 0.00	90.89 4.20 0.00	82.59 3.47 0.00	87.11 3.82 0.00	67.41 2.12 0.00	88.61 2.68 0.00	91.66 4.30 0.00	96.42 5.73 0.00	90.71 4.09 0.00	63.48 2.99 0.00
HUNTLEY___66 23560	54.24 3.65 0.00	49.66 2.25 0.00	40.67 0.90 0.00	31.92 0.59 0.00	37.50 0.08 0.00	37.70 0.47 0.00	45.53 0.64 0.00	52.41 0.34 0.00	56.63 1.59 0.00	58.04 3.04 0.00	53.25 2.42 0.00	64.87 3.64 0.00	81.83 4.59 0.00	75.35 3.28 0.00	82.07 4.14 0.00	90.89 4.20 0.00	82.59 3.47 0.00	87.11 3.82 0.00	67.41 2.12 0.00	88.61 2.68 0.00	91.66 4.30 0.00	96.42 5.73 0.00	90.71 4.09 0.00	63.48 2.99 0.00
HUNTLEY___67 23561	53.78 3.20 0.00	49.31 1.89 0.00	40.43 0.66 0.00	31.75 0.42 0.00	37.29 -0.13 0.00	37.48 0.26 0.00	45.32 0.43 0.00	52.24 0.17 0.00	56.39 1.35 0.00	57.73 2.73 0.00	53.02 2.19 0.00	64.51 3.28 0.00	81.38 4.15 0.00	75.26 3.19 0.00	82.00 4.08 0.00	90.85 4.16 0.00	82.49 3.37 0.00	87.03 3.73 0.00	67.32 2.03 0.00	88.56 2.63 0.00	91.48 4.12 0.00	96.00 5.31 0.00	90.10 3.47 0.00	63.01 2.52 0.00
HUNTLEY___68 23562	53.78 3.20 0.00	49.31 1.89 0.00	40.43 0.66 0.00	31.75 0.42 0.00	37.29 -0.13 0.00	37.48 0.26 0.00	45.32 0.43 0.00	52.24 0.17 0.00	56.39 1.35 0.00	57.73 2.73 0.00	53.02 2.19 0.00	64.51 3.28 0.00	81.38 4.15 0.00	75.26 3.19 0.00	82.00 4.08 0.00	90.85 4.16 0.00	82.49 3.37 0.00	87.03 3.73 0.00	67.32 2.03 0.00	88.56 2.63 0.00	91.48 4.12 0.00	96.00 5.31 0.00	90.10 3.47 0.00	63.01 2.52 0.00

HYLAND___LFGE 323620	56.22 5.63 0.00	51.98 4.57 0.00	42.88 3.11 0.00	33.76 2.42 0.00	39.81 2.39 0.00	39.99 2.76 0.00	48.51 3.62 0.00	55.61 3.54 0.00	59.11 4.07 0.00	58.86 3.86 0.00	53.82 2.99 0.00	64.47 3.25 0.00	80.90 3.67 0.00	74.76 2.69 0.00	81.42 3.50 0.00	90.35 3.66 0.00	82.80 3.68 0.00	87.75 4.45 0.00	68.32 3.03 0.00	91.90 5.96 0.00	95.64 8.27 0.00	100.44 9.75 0.00	94.02 7.39 0.00	66.92 6.43 0.00
INDECK___CORINTH 23802	52.00 1.68 0.26	48.59 1.50 0.31	41.36 1.59 0.00	32.68 1.35 0.00	38.84 1.42 0.00	38.73 1.50 0.00	46.46 1.58 0.00	53.59 1.52 0.00	56.37 1.33 0.00	55.85 0.84 0.00	51.13 0.69 0.39	59.68 0.52 2.08	78.00 0.85 0.09	73.09 1.03 0.00	79.56 1.63 0.00	89.57 2.88 0.00	81.92 2.79 0.00	86.79 3.49 0.00	69.01 3.72 0.00	90.57 4.64 0.00	92.10 4.74 0.00	95.24 4.55 0.00	90.60 3.98 0.00	63.13 2.65 0.00
INDECK___ILION 23567	50.88 0.29 0.00	47.64 0.23 0.00	40.20 0.43 0.00	31.79 0.46 0.00	37.77 0.36 0.00	37.62 0.40 0.00	45.15 0.26 0.00	52.06 0.00 0.00	54.71 -0.33 0.00	54.41 -0.59 0.00	50.37 -0.46 0.00	60.70 -0.53 0.00	76.71 -0.52 0.00	71.88 -0.19 0.00	77.83 -0.09 0.00	86.99 0.30 0.00	79.88 0.75 0.00	84.69 1.39 0.00	66.66 1.37 0.00	87.48 1.55 0.00	88.92 1.55 0.00	91.88 1.19 0.00	87.37 0.74 0.00	60.88 0.39 0.00
INDECK___OLEAN 23982	53.40 2.81 0.00	49.23 1.82 0.00	40.69 0.91 0.00	32.15 0.81 0.00	37.76 0.34 0.00	37.91 0.69 0.00	45.92 1.03 0.00	53.04 0.97 0.00	56.80 1.76 0.00	57.84 2.83 0.00	53.07 2.24 0.00	63.74 2.51 0.00	80.33 3.10 0.00	74.37 2.30 0.00	80.14 2.22 0.00	88.94 2.25 0.00	81.81 2.69 0.00	86.38 3.08 0.00	66.99 1.70 0.00	88.14 2.20 0.00	90.68 3.32 0.00	94.66 3.96 0.00	89.06 2.43 0.00	62.56 2.08 0.00
INDECK___OSWEGO 23783	53.06 -0.44 -2.91	49.61 -0.63 -2.83	39.20 -0.58 0.00	30.93 -0.41 0.00	36.77 -0.64 0.00	36.67 -0.55 0.00	44.65 -0.75 -0.51	56.23 -0.97 -5.14	55.92 -0.95 -1.83	55.61 -1.15 -1.75	49.72 -1.11 0.00	62.80 -1.29 -2.86	81.89 -1.54 -6.19	73.31 -1.49 -2.73	86.07 -1.47 -9.61	88.31 -1.56 -3.19	78.04 -1.24 -0.16	82.12 -1.21 -0.03	65.20 -0.92 -0.82	99.69 -1.11 -14.87	102.15 -1.06 -15.85	113.66 -1.14 -24.10	102.59 -1.53 -17.49	62.62 -1.18 -3.31
INDECK___YERKES 23781	54.30 3.70 0.00	49.71 2.30 0.00	40.71 0.94 0.00	31.96 0.62 0.00	37.54 0.12 0.00	37.73 0.51 0.00	45.56 0.67 0.00	52.47 0.41 0.00	56.69 1.65 0.00	58.11 3.10 0.00	53.28 2.45 0.00	64.90 3.67 0.00	81.89 4.66 0.00	75.38 3.31 0.00	82.04 4.12 0.00	90.85 4.17 0.00	82.58 3.46 0.00	87.11 3.81 0.00	67.39 2.09 0.00	88.62 2.68 0.00	91.65 4.29 0.00	96.48 5.79 0.00	90.80 4.17 0.00	63.55 3.07 0.00
INDIAN POINT_GT_1 24139	52.39 1.49 -0.30	49.26 1.49 -0.36	41.42 1.65 0.00	32.76 1.42 0.00	38.76 1.34 0.00	38.60 1.37 0.00	46.64 1.75 0.00	54.12 1.61 -0.45	56.99 1.41 -0.53	56.64 1.21 -0.42	53.28 1.78 -0.67	66.21 2.12 -2.85	81.38 3.02 -1.12	75.75 2.88 -0.81	82.24 3.26 -1.07	91.63 4.41 -0.54	84.17 4.96 -0.09	88.78 5.48 0.00	69.22 3.93 0.00	89.60 3.66 0.00	90.22 2.86 0.00	92.79 2.10 0.00	88.19 1.57 0.00	61.73 1.25 0.00
INDIAN POINT_GT_2 23659	52.39 1.49 -0.30	49.26 1.49 -0.36	41.42 1.65 0.00	32.76 1.42 0.00	38.76 1.34 0.00	38.60 1.37 0.00	46.64 1.75 0.00	54.12 1.61 -0.45	56.99 1.41 -0.53	56.64 1.21 -0.42	53.28 1.78 -0.67	66.21 2.12 -2.85	81.38 3.02 -1.12	75.75 2.88 -0.81	82.24 3.26 -1.07	91.63 4.41 -0.54	84.17 4.96 -0.09	88.78 5.48 0.00	69.22 3.93 0.00	89.60 3.66 0.00	90.22 2.86 0.00	92.79 2.10 0.00	88.19 1.57 0.00	61.73 1.25 0.00
INDIAN POINT_GT_3 24019	52.39 1.49 -0.30	49.26 1.49 -0.36	41.42 1.65 0.00	32.76 1.42 0.00	38.76 1.34 0.00	38.60 1.37 0.00	46.64 1.75 0.00	54.12 1.61 -0.45	56.99 1.41 -0.53	56.64 1.21 -0.42	53.28 1.78 -0.67	66.21 2.12 -2.85	81.38 3.02 -1.12	75.75 2.88 -0.81	82.24 3.26 -1.07	91.63 4.41 -0.54	84.17 4.96 -0.09	88.78 5.48 0.00	69.22 3.93 0.00	89.60 3.66 0.00	90.22 2.86 0.00	92.79 2.10 0.00	88.19 1.57 0.00	61.73 1.25 0.00
INDIAN POINT___2 23530	52.35 1.46 -0.29	49.21 1.45 -0.35	41.39 1.62 0.00	32.74 1.40 0.00	38.72 1.31 0.00	38.56 1.34 0.00	46.62 1.73 0.00	54.10 1.58 -0.45	56.95 1.37 -0.53	56.59 1.16 -0.42	53.23 1.75 -0.66	66.12 2.11 -2.78	81.33 2.97 -1.12	75.68 2.81 -0.81	82.16 3.17 -1.07	91.52 4.29 -0.54	84.08 4.87 -0.09	88.68 5.38 0.00	69.15 3.86 0.00	89.49 3.56 0.00	90.12 2.75 0.00	92.70 2.01 0.00	88.12 1.50 0.00	61.70 1.22 0.00
INDIAN POINT___3 23531	52.33 1.44 -0.30	49.21 1.44 -0.36	41.38 1.61 0.00	32.72 1.39 0.00	38.72 1.31 0.00	38.56 1.34 0.00	46.59 1.70 0.00	54.05 1.56 -0.42	56.91 1.36 -0.50	56.56 1.15 -0.40	53.20 1.71 -0.66	66.11 2.05 -2.83	81.21 2.91 -1.07	75.60 2.77 -0.76	82.07 3.13 -1.01	91.48 4.28 -0.51	84.04 4.84 -0.08	88.64 5.34 0.00	69.12 3.83 0.00	89.47 3.54 0.00	90.09 2.72 0.00	92.69 2.00 0.00	88.11 1.48 0.00	61.68 1.19 0.00
INGHAM_C_115KV_TB7 356103	50.86 0.27 0.00	47.58 0.17 0.00	40.37 0.60 0.00	32.05 0.71 0.00	37.96 0.54 0.00	37.83 0.61 0.00	45.16 0.27 0.00	51.73 -0.34 0.00	53.93 -1.11 0.00	53.28 -1.73 0.00	49.29 -1.54 0.00	59.40 -1.83 0.00	75.14 -2.10 0.00	70.82 -1.24 0.00	76.76 -1.16 0.00	86.16 -0.52 0.00	79.58 0.46 0.00	85.10 1.80 0.00	67.36 2.06 0.00	88.34 2.40 0.00	89.91 2.55 0.00	92.61 1.92 0.00	87.72 1.09 0.00	60.93 0.44 0.00
IP CORINTH___1 23988	52.29 1.96 0.26	48.87 1.77 0.31	41.57 1.80 0.00	32.85 1.52 0.00	39.04 1.62 0.00	38.93 1.71 0.00	46.72 1.83 0.00	53.90 1.83 0.00	56.70 1.66 0.00	56.18 1.17 0.00	51.43 0.99 0.39	60.04 0.89 2.08	78.46 1.31 0.09	73.51 1.44 0.00	80.03 2.10 0.00	90.08 3.40 0.00	82.38 3.26 0.00	87.28 3.99 0.00	69.40 4.10 0.00	91.06 5.13 0.00	92.63 5.26 0.00	95.79 5.09 0.00	91.12 4.49 0.00	63.49 3.01 0.00
IP___TICONDEROGA 23804	54.58 4.26 0.27	51.09 4.00 0.32	43.46 3.69 0.00	34.33 3.00 0.00	40.76 3.34 0.00	40.78 3.56 0.00	48.71 3.82 0.00	55.52 3.94 0.49	57.85 3.39 0.58	56.96 2.41 0.46	52.98 2.80 0.64	61.21 2.61 2.64	79.97 3.93 1.20	75.03 3.84 0.88	81.63 4.87 1.16	93.61 7.51 0.59	84.87 5.84 0.10	90.27 6.97 0.00	71.76 6.47 0.00	94.60 8.67 0.00	96.01 8.64 0.00	100.95 10.26 0.00	96.44 9.81 0.00	67.18 6.70 0.00
ISLIP_RES_REC 323679	30.23 1.25 21.61	32.31 1.06 16.17	41.14 1.37 0.01	32.60 1.26 0.00	38.41 1.00 0.01	38.52 1.29 0.00	26.67 1.30 19.52	30.44 1.34 22.97	37.64 1.10 18.50	42.40 1.09 13.70	43.98 1.99 8.84	44.20 2.38 19.42	45.58 3.27 34.92	46.04 3.06 29.09	46.27 3.50 35.15	71.96 4.75 19.48	76.84 5.74 8.02	89.47 6.17 0.00	69.51 4.25 0.03	85.92 3.67 3.68	70.17 2.62 19.81	56.41 1.72 36.00	63.49 0.83 23.97	43.11 0.61 17.98

JAMAICA__27_KV_LOAD 355505	53.04 2.15 -0.31	49.89 2.11 -0.37	41.97 2.20 0.00	33.20 1.87 0.00	39.32 1.90 0.00	39.14 1.91 0.00	47.41 2.52 0.00	53.37 2.66 1.35	55.55 2.39 1.89	55.90 2.26 1.37	53.19 2.68 0.33	65.17 3.17 -0.77	78.06 4.34 3.51	73.39 4.18 2.86	78.91 4.75 3.77	90.67 5.91 1.92	85.18 6.37 0.31	90.16 6.86 0.00	70.23 4.94 0.00	90.72 4.79 0.00	91.22 3.86 0.00	93.87 3.18 0.00	89.23 2.60 0.00	62.36 1.87 0.00
JANIS__SOLAR 323808	53.84 3.25 0.00	50.08 2.67 0.00	41.81 2.04 0.00	33.00 1.67 0.00	39.22 1.81 0.00	39.25 2.02 0.00	47.23 2.34 0.00	54.53 2.46 0.00	57.58 2.54 0.00	57.16 2.15 0.00	52.75 1.92 0.00	63.76 2.53 0.00	80.77 3.54 0.00	75.15 3.09 0.00	81.95 4.02 0.00	91.03 4.35 0.00	83.56 4.43 0.00	88.75 5.45 0.00	70.08 4.79 0.00	93.27 7.34 0.00	95.15 7.78 0.00	98.61 7.91 0.00	92.81 6.18 0.00	64.34 3.85 0.00
JARVIS____ 23743	50.70 0.11 0.00	47.49 0.08 0.00	39.95 0.18 0.00	31.52 0.18 0.00	37.56 0.14 0.00	37.37 0.15 0.00	44.97 0.09 0.00	52.07 0.01 0.00	54.99 -0.04 0.00	54.90 -0.10 0.00	50.83 0.00 0.00	61.24 0.01 0.00	77.31 0.08 0.00	72.15 0.09 0.00	78.09 0.17 0.00	87.04 0.35 0.00	79.60 0.47 0.00	83.91 0.61 0.00	65.81 0.51 0.00	86.41 0.48 0.00	87.75 0.38 0.00	90.89 0.20 0.00	86.70 0.07 0.00	60.57 0.09 0.00
JENNISON____1 23625	53.78 3.19 0.00	50.12 2.71 0.00	41.92 2.14 0.00	33.15 1.81 0.00	39.39 1.97 0.00	39.38 2.16 0.00	47.26 2.37 0.00	54.67 2.61 0.00	58.00 2.96 0.00	57.94 2.93 0.00	53.67 2.84 0.00	64.87 3.64 0.00	82.08 4.84 0.00	76.55 4.48 0.00	83.09 5.17 0.00	92.67 5.99 0.00	85.01 5.89 0.00	90.17 6.87 0.00	70.85 5.56 0.00	93.54 7.61 0.00	94.90 7.54 0.00	98.13 7.44 0.00	91.81 5.19 0.00	63.51 3.02 0.00
JENNISON____2 23626	53.78 3.19 0.00	50.12 2.71 0.00	41.92 2.14 0.00	33.15 1.81 0.00	39.39 1.97 0.00	39.38 2.16 0.00	47.26 2.37 0.00	54.67 2.61 0.00	58.00 2.96 0.00	57.94 2.93 0.00	53.67 2.84 0.00	64.87 3.64 0.00	82.08 4.84 0.00	76.55 4.48 0.00	83.09 5.17 0.00	92.67 5.99 0.00	85.01 5.89 0.00	90.17 6.87 0.00	70.85 5.56 0.00	93.54 7.61 0.00	94.90 7.54 0.00	98.13 7.44 0.00	91.81 5.19 0.00	63.51 3.02 0.00
JERICOHO_RISE_WT_PWR 323719	50.27 -0.32 0.00	47.32 -0.10 0.00	39.27 -0.50 0.00	30.69 -0.64 0.00	37.04 -0.38 0.00	36.94 -0.28 0.00	44.85 -0.03 0.00	52.38 0.31 0.00	55.51 0.47 0.00	55.54 0.54 0.00	50.76 -0.07 0.00	60.98 -0.25 0.00	76.67 -0.56 0.00	71.62 -0.44 0.00	77.40 -0.53 0.00	85.68 -1.00 0.00	77.37 -1.75 0.00	81.10 -2.19 0.00	63.65 -1.64 0.00	84.60 -1.34 0.00	86.54 -0.82 0.00	90.59 -0.10 0.00	87.03 0.40 0.00	60.61 0.13 0.00
KATONAH__115KV_46KV_TB4 355592	52.66 1.76 -0.31	49.50 1.72 -0.37	41.60 1.83 0.00	32.90 1.56 0.00	38.94 1.52 0.00	38.79 1.57 0.00	46.85 1.96 0.00	53.96 1.89 0.00	56.79 1.75 0.00	56.58 1.58 0.00	53.39 2.10 -0.46	66.20 2.54 -2.43	80.90 3.56 -0.10	75.56 3.50 0.00	81.91 3.99 0.00	91.93 5.25 0.00	84.84 5.72 0.00	89.52 6.22 0.00	69.78 4.49 0.00	90.35 4.42 0.00	90.98 3.61 0.00	93.55 2.85 0.00	88.80 2.17 0.00	62.11 1.62 0.00
KCE_NY_1 323755	52.16 1.85 0.28	48.84 1.76 0.33	41.50 1.73 0.00	32.81 1.48 0.00	39.01 1.60 0.00	38.89 1.67 0.00	46.75 1.87 0.00	53.93 1.87 0.00	56.86 1.82 0.00	56.39 1.38 0.00	51.74 1.33 0.42	60.41 1.38 2.20	78.93 1.79 0.09	74.09 2.02 0.00	80.38 2.46 0.00	90.40 3.72 0.00	82.80 3.67 0.00	87.64 4.34 0.00	69.20 3.91 0.00	90.69 4.76 0.00	92.11 4.74 0.00	95.05 4.36 0.00	90.40 3.77 0.00	62.95 2.46 0.00
KCE_NY_6_ESR 323823	54.37 3.78 0.00	49.83 2.42 0.00	40.88 1.11 0.00	32.11 0.78 0.00	37.68 0.27 0.00	37.92 0.70 0.00	45.85 0.96 0.00	52.96 0.89 0.00	57.18 2.14 0.00	58.51 3.51 0.00	53.75 2.92 0.00	65.33 4.10 0.00	82.50 5.26 0.00	76.32 4.25 0.00	83.17 5.24 0.00	92.17 5.49 0.00	83.99 4.87 0.00	88.59 5.30 0.00	68.60 3.31 0.00	90.29 4.36 0.00	93.22 5.85 0.00	97.49 6.80 0.00	91.41 4.78 0.00	63.86 3.37 0.00
KEDC PORT_JEFF_GT2 24210	29.57 0.79 21.81	31.75 0.66 16.32	40.82 1.06 0.01	32.35 1.02 0.00	38.13 0.72 0.01	38.22 1.00 0.00	26.10 0.91 19.70	29.76 0.88 23.18	36.91 0.53 18.67	41.61 0.42 13.82	43.32 1.41 8.92	43.31 1.69 19.61	44.41 2.42 35.24	44.98 2.26 29.35	45.07 2.62 35.48	70.66 3.64 19.67	75.65 4.63 8.10	88.11 4.82 0.00	68.37 3.11 0.03	84.06 2.23 4.10	68.24 0.97 20.10	54.55 0.16 36.30	62.18 -0.27 24.18	42.30 -0.05 18.14
KEDC PORT_JEFF_GT3 24211	29.57 0.79 21.81	31.75 0.66 16.32	40.82 1.06 0.01	32.35 1.02 0.00	38.13 0.72 0.01	38.22 1.00 0.00	26.10 0.91 19.70	29.76 0.88 23.18	36.91 0.53 18.67	41.61 0.42 13.82	43.32 1.41 8.92	43.31 1.69 19.61	44.41 2.42 35.24	44.98 2.26 29.35	45.07 2.62 35.48	70.66 3.64 19.67	75.65 4.63 8.10	88.11 4.82 0.00	68.37 3.11 0.03	84.06 2.23 4.10	68.24 0.97 20.10	54.55 0.16 36.30	62.18 -0.27 24.18	42.30 -0.05 18.14
KEDC_GLWD_GT4 24219	46.08 1.60 6.11	44.52 1.58 4.47	41.54 1.77 0.00	32.86 1.53 0.00	38.86 1.44 0.00	38.78 1.56 0.00	41.00 1.83 5.71	48.53 1.82 5.35	52.77 1.67 3.94	53.71 1.54 2.83	51.38 2.26 1.71	60.96 2.67 2.93	73.38 3.52 7.38	69.05 3.35 6.37	74.53 3.80 7.19	87.77 5.04 3.96	82.98 5.66 1.81	89.53 6.22 -0.01	69.97 4.63 -0.05	90.11 4.18 0.00	84.55 3.42 6.24	81.19 2.53 12.03	80.72 1.67 7.58	56.36 1.46 5.58
KEDC_GLWD_GT5 24220	46.08 1.60 6.11	44.52 1.58 4.47	41.54 1.77 0.00	32.86 1.53 0.00	38.86 1.44 0.00	38.78 1.56 0.00	41.00 1.83 5.71	48.53 1.82 5.35	52.77 1.67 3.94	53.71 1.54 2.83	51.38 2.26 1.71	60.96 2.67 2.93	73.38 3.52 7.38	69.05 3.35 6.37	74.53 3.80 7.19	87.77 5.04 3.96	82.98 5.66 1.81	89.53 6.22 -0.01	69.97 4.63 -0.05	90.11 4.18 0.00	84.55 3.42 6.24	81.19 2.53 12.03	80.72 1.67 7.58	56.36 1.46 5.58
KENSICO____ 23655	52.50 1.60 -0.31	49.36 1.59 -0.37	41.51 1.74 0.00	32.84 1.51 0.00	38.84 1.43 0.00	38.70 1.48 0.00	46.76 1.87 0.00	54.36 1.75 -0.54	57.23 1.55 -0.64	56.87 1.36 -0.50	53.48 1.92 -0.72	66.48 2.27 -2.98	81.74 3.19 -1.32	76.09 3.06 -0.96	82.68 3.48 -1.27	91.99 4.66 -0.65	84.43 5.20 -0.11	89.00 5.70 0.00	69.40 4.11 0.00	89.78 3.85 0.00	90.39 3.02 0.00	92.96 2.26 0.00	88.28 1.66 0.00	61.83 1.34 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.64 2.12 28.07	49.58 1.95 -0.22	41.75 1.97 0.00	32.98 1.65 0.00	39.02 1.61 0.00	38.86 1.64 0.00	46.90 2.02 0.00	54.06 1.99 0.00	56.95 1.91 0.00	56.74 1.73 0.00	53.18 2.07 -0.28	65.42 2.72 -1.47	80.98 3.69 -0.06	75.82 3.75 0.00	82.22 4.29 0.00	92.27 5.59 0.00	85.39 6.27 0.00	90.19 6.90 0.00	70.54 5.25 0.00	91.68 5.75 0.00	92.35 4.99 0.00	94.87 4.18 0.00	89.96 3.33 0.00	62.79 2.30 0.00

KIAC_JFK_GT1 23816	52.61 1.71 -0.31	49.49 1.71 -0.37	41.65 1.88 0.00	32.95 1.61 0.00	39.02 1.60 0.00	38.83 1.61 0.00	47.05 2.16 0.00	52.94 2.23 1.35	55.09 1.93 1.89	55.43 1.80 1.37	52.75 2.25 0.33	64.62 2.62 -0.77	77.17 3.45 3.51	72.53 3.32 2.86	77.99 3.83 3.77	89.64 4.87 1.92	84.23 5.42 0.31	89.12 5.82 0.00	69.44 4.14 0.00	89.68 3.74 0.00	90.15 2.78 0.00	92.71 2.02 0.00	88.21 1.58 0.00	61.67 1.18 0.00
KIAC_JFK_GT2 23817	52.61 1.71 -0.31	49.49 1.71 -0.37	41.65 1.88 0.00	32.95 1.61 0.00	39.02 1.60 0.00	38.83 1.61 0.00	47.05 2.16 0.00	52.94 2.23 1.35	55.09 1.93 1.89	55.43 1.80 1.37	52.75 2.25 0.33	64.62 2.62 -0.77	77.17 3.45 3.51	72.53 3.32 2.86	77.99 3.83 3.77	89.64 4.87 1.92	84.23 5.42 0.31	89.12 5.82 0.00	69.44 4.14 0.00	89.68 3.74 0.00	90.15 2.78 0.00	92.71 2.02 0.00	88.21 1.58 0.00	61.67 1.18 0.00
KIAC_JFK____ 323774	52.62 1.72 -0.31	49.49 1.71 -0.37	41.65 1.88 0.00	32.95 1.61 0.00	39.02 1.60 0.00	38.83 1.61 0.00	47.05 2.16 0.00	52.96 2.24 1.35	55.12 1.97 1.89	55.45 1.81 1.37	52.84 2.34 0.33	64.75 2.76 -0.77	77.23 3.51 3.51	72.57 3.36 2.86	77.98 3.83 3.77	89.65 4.88 1.92	84.17 5.35 0.31	89.12 5.82 0.00	69.44 4.14 0.00	89.68 3.75 0.00	90.15 2.78 0.00	92.71 2.02 0.00	88.21 1.59 0.00	61.66 1.17 0.00
KINTIGH__24_KV_GSU 356498	53.30 2.71 0.00	49.03 1.62 0.00	40.35 0.58 0.00	31.69 0.36 0.00	37.30 -0.12 0.00	37.43 0.21 0.00	45.27 0.38 0.00	52.17 0.10 0.00	56.14 1.10 0.00	57.26 2.25 0.00	52.63 1.80 0.00	63.95 2.72 0.00	80.75 3.51 0.00	74.77 2.70 0.00	81.29 3.36 0.00	89.96 3.27 0.00	81.28 2.15 0.00	85.69 2.39 0.00	66.40 1.11 0.00	87.38 1.45 0.00	90.28 2.92 0.00	94.94 4.25 0.00	89.47 2.84 0.00	62.51 2.02 0.00
KINTIGH____ 23543	53.26 2.67 0.00	48.99 1.58 0.00	40.32 0.55 0.00	31.67 0.34 0.00	37.27 -0.14 0.00	37.40 0.17 0.00	45.23 0.34 0.00	52.12 0.05 0.00	56.09 1.04 0.00	57.21 2.20 0.00	52.60 1.78 0.00	63.93 2.70 0.00	80.67 3.44 0.00	74.70 2.63 0.00	81.24 3.31 0.00	89.95 3.26 0.00	81.34 2.22 0.00	85.77 2.47 0.00	66.47 1.18 0.00	87.45 1.52 0.00	90.28 2.91 0.00	94.89 4.20 0.00	89.37 2.74 0.00	62.45 1.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.68 0.09 0.00	47.65 0.24 0.00	39.53 -0.24 0.00	30.90 -0.44 0.00	37.26 -0.16 0.00	37.17 -0.06 0.00	45.10 0.22 0.00	52.52 0.46 0.00	55.58 0.55 0.00	55.61 0.60 0.00	50.85 0.01 0.00	61.10 -0.13 0.00	76.87 -0.37 0.00	71.94 -0.13 0.00	77.88 -0.04 0.00	86.17 -0.51 0.00	77.83 -1.30 0.00	81.61 -1.69 0.00	64.10 -1.19 0.00	85.38 -0.55 0.00	87.37 0.00 0.00	91.41 0.72 0.00	87.70 1.07 0.00	60.98 0.50 0.00
LACHUTE____HYDRO 323717	54.58 4.26 0.27	51.09 4.00 0.32	43.46 3.69 0.00	34.33 3.00 0.00	40.76 3.34 0.00	40.78 3.56 0.00	48.71 3.82 0.00	55.52 3.94 0.49	57.85 3.39 0.58	56.96 2.41 0.46	52.98 2.79 0.64	61.20 2.61 2.64	79.96 3.93 1.20	75.03 3.84 0.88	81.63 4.87 1.16	93.61 7.52 0.59	84.87 5.85 0.10	90.27 6.97 0.00	71.76 6.47 0.00	94.61 8.68 0.00	96.01 8.64 0.00	100.95 10.26 0.00	96.44 9.81 0.00	67.19 6.70 0.00
LAWRNCALV_115KV_TB1 80681	51.11 0.52 0.00	48.07 0.66 0.00	39.93 0.16 0.00	31.26 -0.08 0.00	37.80 0.38 0.00	37.67 0.44 0.00	45.79 0.90 0.00	53.44 1.37 0.00	56.53 1.50 0.00	56.24 1.24 0.00	51.27 0.44 0.00	61.07 -0.16 0.00	76.52 -0.71 0.00	71.18 -0.89 0.00	76.93 -0.99 0.00	85.18 -1.50 0.00	76.79 -2.33 0.00	79.95 -3.34 0.00	63.14 -2.15 0.00	84.97 -0.96 0.00	87.09 -0.28 0.00	91.56 0.87 0.00	88.23 1.61 0.00	61.65 1.16 0.00
LEDERLE____ 23769	52.71 1.83 -0.29	49.50 1.75 -0.34	41.63 1.86 0.00	32.91 1.58 0.00	38.93 1.52 0.00	38.77 1.55 0.00	46.89 2.01 0.00	54.36 1.92 -0.37	57.24 1.76 -0.44	56.95 1.60 -0.34	53.59 2.15 -0.61	66.51 2.65 -2.64	81.89 3.72 -0.93	76.26 3.53 -0.66	82.78 3.98 -0.88	92.38 5.25 -0.45	84.93 5.73 -0.07	89.57 6.27 0.00	69.82 4.53 0.00	90.36 4.43 0.00	90.98 3.61 0.00	93.58 2.88 0.00	88.90 2.27 0.00	62.21 1.73 0.00
LIGHTHSE_115KV_TB6 355974	53.02 1.00 -1.43	49.42 0.61 -1.39	40.14 0.37 0.00	31.65 0.31 0.00	37.71 0.30 0.00	37.67 0.45 0.00	45.64 0.51 -0.25	55.07 0.49 -2.52	56.61 0.67 -0.90	56.57 0.71 -0.86	51.44 0.61 0.00	63.28 0.65 -1.40	81.08 0.82 -3.03	74.00 0.60 -1.34	83.48 0.85 -4.71	89.18 0.93 -1.57	80.04 0.84 -0.08	84.19 0.88 -0.01	66.63 0.93 -0.40	95.25 2.03 -7.29	97.68 2.55 -7.77	105.35 2.85 -11.81	97.55 2.35 -8.57	63.40 1.29 -1.62
LINDEN COGEN____ 23786	52.28 1.38 -0.31	49.28 1.50 -0.37	41.49 1.72 0.00	32.82 1.49 0.00	38.82 1.41 0.00	38.66 1.44 0.00	46.77 1.88 0.00	53.06 1.69 0.69	55.00 1.36 1.40	52.33 1.20 3.88	52.76 1.89 -0.05	66.25 2.12 -2.90	81.34 2.98 -1.13	75.72 2.85 -0.81	82.19 3.20 -1.07	91.60 4.37 -0.54	84.26 5.04 -0.09	88.81 5.51 0.00	69.16 3.87 0.00	89.32 3.39 0.00	89.84 2.48 0.00	92.34 1.65 0.00	87.75 1.12 0.00	61.48 1.00 0.00
LINDHRST_69_KV_BK1 356055	33.63 1.43 18.40	35.03 1.37 13.74	41.43 1.66 0.01	32.78 1.45 0.00	38.68 1.27 0.01	38.76 1.54 0.00	29.82 1.59 16.66	33.80 1.57 19.84	40.30 1.36 16.10	44.31 1.25 11.94	45.24 2.04 7.63	46.98 2.34 16.60	50.18 3.35 30.41	49.89 3.15 25.32	50.95 3.57 30.55	74.78 4.92 16.83	78.22 5.84 6.75	89.65 6.35 0.00	69.75 4.46 0.00	88.00 4.13 2.06	73.80 3.33 16.90	61.83 2.49 31.35	67.51 1.58 20.69	46.22 1.21 15.48
LIPA_MISC_IPP 23656	29.37 0.68 21.91	31.49 0.47 16.39	40.64 0.88 0.01	32.23 0.89 0.00	37.96 0.55 0.01	38.06 0.83 0.00	25.88 0.78 19.78	29.58 0.79 23.28	36.72 0.41 18.73	41.54 0.40 13.87	43.04 1.17 8.96	42.84 1.30 19.69	43.79 1.94 35.37	44.43 1.82 29.46	44.47 2.15 35.61	70.23 3.28 19.74	75.46 4.47 8.14	88.17 4.88 0.00	68.53 3.27 0.03	85.36 2.49 3.06	68.97 1.44 19.84	54.73 0.48 36.44	62.06 -0.30 24.28	42.15 -0.12 18.22
LISF____SOLAR 323691	29.54 0.82 21.87	31.62 0.57 16.37	40.72 0.95 0.01	32.29 0.96 0.00	38.03 0.62 0.01	38.13 0.91 0.00	26.00 0.87 19.75	29.73 0.90 23.24	36.90 0.57 18.71	41.69 0.53 13.85	43.20 1.31 8.94	43.07 1.50 19.66	44.03 2.12 35.32	44.62 1.97 29.42	44.68 2.31 35.56	70.43 3.46 19.71	75.62 4.62 8.12	88.39 5.10 0.00	68.69 3.43 0.03	85.45 2.72 3.21	69.19 1.70 19.86	55.05 0.74 36.39	62.31 -0.08 24.24	42.28 -0.01 18.19
LITTLE FALLS____HYD 24013	50.86 0.27 0.00	47.58 0.17 0.00	40.37 0.60 0.00	32.05 0.71 0.00	37.96 0.54 0.00	37.83 0.61 0.00	45.16 0.27 0.00	51.73 -0.34 0.00	53.93 -1.11 0.00	53.28 -1.73 0.00	49.29 -1.54 0.00	59.40 -1.83 0.00	75.14 -2.10 0.00	70.82 -1.24 0.00	76.76 -1.16 0.00	86.16 -0.52 0.00	79.58 0.46 0.00	85.10 1.80 0.00	67.36 2.06 0.00	88.34 2.40 0.00	89.91 2.55 0.00	92.61 1.92 0.00	87.72 1.09 0.00	60.93 0.44 0.00

LITTLRIV_115KV_TB1 356100	51.97 1.38 0.00	48.86 1.45 0.00	40.54 0.76 0.00	31.70 0.37 0.00	38.39 0.97 0.00	38.28 1.06 0.00	46.51 1.63 0.00	54.18 2.12 0.00	57.21 2.17 0.00	56.68 1.67 0.00	51.54 0.71 0.00	61.46 0.23 0.00	76.90 -0.33 0.00	71.64 -0.42 0.00	77.41 -0.52 0.00	85.71 -0.97 0.00	77.13 -1.99 0.00	80.39 -2.91 0.00	63.68 -1.61 0.00	86.60 0.67 0.00	88.90 1.53 0.00	93.54 2.85 0.00	90.03 3.40 0.00	62.79 2.30 0.00
LI_NEWBRDGE___DRP 323616	27.37 0.61 23.83	30.22 0.66 17.84	40.87 1.10 0.01	32.34 1.01 0.00	38.19 0.78 0.01	38.19 0.97 0.00	24.35 0.97 21.50	26.36 0.83 26.54	33.84 0.57 21.77	39.28 0.48 16.20	41.71 1.22 10.35	39.81 1.37 22.79	38.16 2.07 41.14	39.85 1.92 34.13	38.63 2.27 41.56	67.10 3.36 22.95	74.26 4.29 9.16	87.99 4.70 0.01	68.44 3.19 0.04	88.53 2.60 0.01	68.99 1.97 20.35	52.54 1.09 39.25	60.68 0.30 26.25	41.14 0.37 19.72
LOCKPORT_115KV_TB60_63_64 80432	53.97 3.38 0.00	49.44 2.02 0.00	40.49 0.72 0.00	31.77 0.43 0.00	37.30 -0.11 0.00	37.50 0.27 0.00	45.36 0.47 0.00	52.00 -0.06 0.00	56.02 0.98 0.00	57.38 2.37 0.00	52.58 1.75 0.00	64.00 2.77 0.00	80.67 3.44 0.00	74.52 2.45 0.00	81.19 3.27 0.00	89.90 3.22 0.00	81.60 2.48 0.00	86.04 2.74 0.00	66.62 1.33 0.00	87.72 1.79 0.00	90.82 3.45 0.00	95.50 4.81 0.00	89.67 3.05 0.00	62.90 2.42 0.00
LOCKPORT___CC1 323769	53.76 3.17 0.00	49.25 1.84 0.00	40.34 0.57 0.00	31.65 0.32 0.00	37.17 -0.24 0.00	37.36 0.13 0.00	45.18 0.29 0.00	51.87 -0.20 0.00	55.88 0.84 0.00	57.27 2.26 0.00	52.45 1.62 0.00	63.80 2.57 0.00	80.41 3.17 0.00	74.25 2.18 0.00	80.88 2.95 0.00	89.55 2.87 0.00	81.30 2.18 0.00	85.68 2.38 0.00	66.34 1.05 0.00	87.35 1.42 0.00	90.43 3.07 0.00	95.12 4.43 0.00	89.30 2.67 0.00	62.62 2.13 0.00
LOCKPORT___CC2 323770	53.76 3.17 0.00	49.25 1.84 0.00	40.34 0.57 0.00	31.65 0.32 0.00	37.17 -0.24 0.00	37.36 0.13 0.00	45.18 0.29 0.00	51.87 -0.20 0.00	55.88 0.84 0.00	57.27 2.26 0.00	52.45 1.62 0.00	63.80 2.57 0.00	80.41 3.17 0.00	74.25 2.18 0.00	80.88 2.95 0.00	89.55 2.87 0.00	81.30 2.18 0.00	85.68 2.38 0.00	66.34 1.05 0.00	87.35 1.42 0.00	90.43 3.07 0.00	95.12 4.43 0.00	89.30 2.67 0.00	62.62 2.13 0.00
LOCKPORT___CC3 323771	53.76 3.17 0.00	49.25 1.84 0.00	40.34 0.57 0.00	31.65 0.32 0.00	37.17 -0.24 0.00	37.36 0.13 0.00	45.18 0.29 0.00	51.87 -0.20 0.00	55.88 0.84 0.00	57.27 2.26 0.00	52.45 1.62 0.00	63.80 2.57 0.00	80.41 3.17 0.00	74.25 2.18 0.00	80.88 2.95 0.00	89.55 2.87 0.00	81.30 2.18 0.00	85.68 2.38 0.00	66.34 1.05 0.00	87.35 1.42 0.00	90.43 3.07 0.00	95.12 4.43 0.00	89.30 2.67 0.00	62.62 2.13 0.00
LOCUSVLY_69_KV_BK2 55797	41.87 1.49 10.20	41.32 1.47 7.56	41.49 1.72 0.00	32.82 1.49 0.00	38.78 1.37 0.00	38.74 1.51 0.00	37.21 1.68 9.36	43.54 1.67 10.20	48.58 1.50 7.96	50.56 1.42 5.86	49.35 2.18 3.67	56.34 2.56 7.45	65.88 3.64 14.99	62.86 3.44 12.64	66.97 3.98 14.93	83.74 5.28 8.23	81.59 5.93 3.47	89.79 6.49 -0.01	70.01 4.69 -0.03	90.33 4.40 0.00	81.42 3.60 9.55	74.94 2.67 18.41	76.37 1.68 11.93	52.99 1.37 8.87
LONG_LAKE_PHOENIX 24014	52.66 -0.13 -2.20	49.19 -0.37 -2.14	39.41 -0.37 0.00	31.09 -0.25 0.00	36.92 -0.49 0.00	36.84 -0.38 0.00	44.74 -0.53 -0.39	55.24 -0.71 -3.88	55.82 -0.60 -1.39	55.79 -0.54 -1.32	50.41 -0.42 0.00	63.01 -0.37 -2.16	81.57 -0.34 -4.67	73.80 -0.32 -2.06	84.95 -0.23 -7.26	88.94 -0.16 -2.41	79.37 0.12 -0.12	83.55 0.23 -0.02	66.09 0.17 -0.62	97.42 0.26 -11.23	99.61 0.28 -11.97	109.10 0.21 -18.20	99.46 -0.38 -13.21	62.60 -0.39 -2.50
LOVETT___3 23632	52.31 1.43 -0.29	49.16 1.40 -0.35	41.35 1.58 0.00	32.71 1.38 0.00	38.70 1.29 0.00	38.52 1.30 0.00	46.58 1.69 0.00	53.98 1.53 -0.39	56.82 1.32 -0.46	56.48 1.11 -0.36	53.14 1.69 -0.62	65.97 2.04 -2.69	81.11 2.91 -0.97	75.51 2.75 -0.69	81.93 3.09 -0.91	91.37 4.22 -0.46	83.99 4.79 -0.08	88.60 5.30 0.00	69.09 3.79 0.00	89.41 3.48 0.00	90.05 2.68 0.00	92.64 1.94 0.00	88.06 1.43 0.00	61.66 1.18 0.00
LOVETT___4 23642	52.31 1.43 -0.29	49.16 1.40 -0.35	41.35 1.58 0.00	32.71 1.38 0.00	38.70 1.29 0.00	38.52 1.30 0.00	46.58 1.69 0.00	53.98 1.53 -0.39	56.82 1.32 -0.46	56.48 1.11 -0.36	53.14 1.69 -0.62	65.97 2.04 -2.69	81.11 2.91 -0.97	75.51 2.75 -0.69	81.93 3.09 -0.91	91.37 4.22 -0.46	83.99 4.79 -0.08	88.60 5.30 0.00	69.09 3.79 0.00	89.41 3.48 0.00	90.05 2.68 0.00	92.64 1.94 0.00	88.06 1.43 0.00	61.66 1.18 0.00
LOVETT___5 23593	52.31 1.43 -0.29	49.16 1.40 -0.35	41.35 1.58 0.00	32.71 1.38 0.00	38.70 1.29 0.00	38.52 1.30 0.00	46.58 1.69 0.00	53.98 1.53 -0.39	56.82 1.32 -0.46	56.48 1.11 -0.36	53.14 1.69 -0.62	65.97 2.04 -2.69	81.11 2.91 -0.97	75.51 2.75 -0.69	81.93 3.09 -0.91	91.37 4.22 -0.46	83.99 4.79 -0.08	88.60 5.30 0.00	69.09 3.79 0.00	89.41 3.48 0.00	90.05 2.68 0.00	92.64 1.94 0.00	88.06 1.43 0.00	61.66 1.18 0.00
LOWER RAQUET___HYD 24057	51.23 0.64 0.00	48.16 0.75 0.00	40.01 0.23 0.00	31.29 -0.04 0.00	37.87 0.45 0.00	37.74 0.51 0.00	45.88 0.99 0.00	53.51 1.44 0.00	56.60 1.57 0.00	56.26 1.25 0.00	51.26 0.43 0.00	60.98 -0.25 0.00	76.35 -0.89 0.00	70.95 -1.12 0.00	76.70 -1.23 0.00	84.92 -1.76 0.00	76.52 -2.61 0.00	79.74 -3.57 0.00	62.99 -2.30 0.00	84.90 -1.03 0.00	87.09 -0.28 0.00	91.64 0.95 0.00	88.35 1.72 0.00	61.76 1.27 0.00
LOWER___HUDSON 24059	50.97 0.74 0.36	47.74 0.75 0.43	40.76 0.99 0.00	32.26 0.92 0.00	38.32 0.91 0.00	38.19 0.97 0.00	45.84 0.95 0.00	52.89 0.83 0.00	55.66 0.62 0.00	55.19 0.19 0.00	50.61 0.32 0.54	58.61 0.22 2.84	77.50 0.39 0.12	72.64 0.57 0.00	78.90 0.97 0.00	88.41 1.73 0.00	80.93 1.81 0.00	85.56 2.26 0.00	67.39 2.10 0.00	88.03 2.10 0.00	89.35 1.98 0.00	92.23 1.54 0.00	87.86 1.23 0.00	61.39 0.90 0.00
LOWVILLE_115KV_TB2 356335	53.51 2.55 -0.36	49.92 2.15 -0.36	41.34 1.57 0.00	32.49 1.15 0.00	39.01 1.59 0.00	38.99 1.76 0.00	47.06 2.10 -0.06	55.08 2.37 -0.64	57.86 2.59 -0.23	57.70 2.47 -0.22	52.89 2.06 0.00	63.77 2.19 -0.36	80.77 2.77 -0.77	74.56 2.15 -0.34	81.69 2.56 -1.20	89.81 2.72 -0.40	81.32 2.18 -0.02	86.00 2.70 0.00	68.01 2.61 -0.10	92.88 5.09 -1.85	95.36 6.02 -1.97	100.46 6.77 -3.00	94.78 5.97 -2.18	64.62 3.72 -0.41
LUTHERFT_115KV_GLOB_FND_222 355753	52.15 1.84 0.28	48.82 1.74 0.33	41.50 1.73 0.00	32.80 1.47 0.00	38.99 1.58 0.00	38.87 1.64 0.00	46.69 1.81 0.00	53.88 1.81 0.00	56.73 1.70 0.00	56.31 1.30 0.00	51.67 1.26 0.42	60.33 1.30 2.20	78.91 1.77 0.09	73.98 1.91 0.00	80.35 2.43 0.00	90.23 3.54 0.00	82.64 3.51 0.00	87.46 4.16 0.00	69.07 3.78 0.00	90.51 4.58 0.00	91.92 4.55 0.00	94.90 4.21 0.00	90.27 3.65 0.00	62.97 2.48 0.00

LUTHERNY_35_KV_BK2 355980	52.16 1.85 0.28	48.84 1.76 0.33	41.49 1.72 0.00	32.81 1.48 0.00	39.01 1.60 0.00	38.89 1.67 0.00	46.75 1.87 0.00	53.93 1.87 0.00	56.85 1.82 0.00	56.39 1.38 0.00	51.74 1.32 0.42	60.40 1.37 2.20	78.93 1.79 0.09	74.09 2.02 0.00	80.38 2.46 0.00	90.40 3.72 0.00	82.80 3.68 0.00	87.64 4.35 0.00	69.21 3.91 0.00	90.69 4.76 0.00	92.11 4.75 0.00	95.05 4.36 0.00	90.40 3.77 0.00	62.95 2.46 0.00
LWR___OSWEGATCHIE_HYD 23850	52.45 1.52 -0.33	49.09 1.36 -0.32	40.58 0.81 0.00	31.83 0.50 0.00	38.35 0.93 0.00	38.29 1.07 0.00	46.41 1.46 -0.06	54.46 1.81 -0.58	57.21 1.96 -0.21	56.97 1.77 -0.20	51.97 1.14 0.00	62.34 0.79 -0.33	78.60 0.66 -0.70	72.61 0.23 -0.31	79.37 0.35 -1.10	87.23 0.18 -0.37	78.62 -0.52 -0.02	82.54 -0.76 0.00	65.31 -0.07 -0.09	89.43 1.81 -1.69	91.86 2.69 -1.80	97.13 3.70 -2.74	92.30 3.67 -1.99	63.20 2.33 -0.38
LYONS_FALL_HYD 23570	53.07 2.25 -0.23	49.50 1.86 -0.23	41.19 1.42 0.00	32.41 1.08 0.00	38.79 1.37 0.00	38.75 1.52 0.00	46.72 1.80 -0.04	54.47 2.00 -0.40	57.33 2.15 -0.15	57.23 2.08 -0.14	52.70 1.87 0.00	63.51 2.06 -0.23	80.38 2.66 -0.49	74.51 2.23 -0.22	81.28 2.60 -0.76	89.86 2.92 -0.26	81.69 2.55 -0.01	86.37 3.07 0.00	68.16 2.80 -0.06	91.82 4.71 -1.17	93.94 5.33 -1.25	98.37 5.77 -1.91	93.00 4.99 -1.38	63.86 3.12 -0.26
MADISON___COUNTY_LFGE 323628	52.67 2.08 0.00	49.09 1.68 0.00	41.12 1.35 0.00	32.43 1.09 0.00	38.61 1.20 0.00	38.54 1.32 0.00	46.41 1.52 0.00	53.66 1.59 0.00	56.73 1.69 0.00	56.66 1.65 0.00	52.49 1.66 0.00	63.29 2.06 0.00	80.03 2.80 0.00	74.62 2.56 0.00	80.90 2.98 0.00	90.23 3.55 0.00	82.61 3.49 0.00	87.25 3.95 0.00	68.62 3.33 0.00	90.69 4.76 0.00	92.39 5.02 0.00	95.77 5.07 0.00	90.76 4.14 0.00	63.08 2.59 0.00
MALONE___115KV_TB1 356076	51.10 0.51 0.00	48.02 0.60 0.00	39.82 0.05 0.00	31.12 -0.21 0.00	37.58 0.17 0.00	37.48 0.25 0.00	45.53 0.65 0.00	53.18 1.11 0.00	56.35 1.31 0.00	56.30 1.30 0.00	51.42 0.59 0.00	61.69 0.46 0.00	77.54 0.31 0.00	72.32 0.25 0.00	78.16 0.24 0.00	86.56 -0.12 0.00	78.16 -0.97 0.00	81.85 -1.45 0.00	64.40 -0.89 0.00	86.00 0.06 0.00	88.10 0.74 0.00	92.43 1.74 0.00	88.71 2.08 0.00	61.71 1.23 0.00
MAPLEWOD_115KV_TB3 80458	50.75 0.43 0.27	47.55 0.45 0.32	40.50 0.73 0.00	32.04 0.71 0.00	38.06 0.64 0.00	37.90 0.68 0.00	45.49 0.61 0.00	52.55 0.48 0.00	55.33 0.29 0.00	54.98 -0.03 0.00	50.60 0.17 0.40	59.23 0.12 2.12	77.47 0.33 0.09	72.60 0.53 0.00	78.87 0.94 0.00	88.11 1.43 0.00	80.82 1.70 0.00	85.43 2.13 0.00	67.19 1.90 0.00	87.73 1.80 0.00	88.90 1.53 0.00	91.70 1.01 0.00	87.30 0.67 0.00	61.03 0.55 0.00
MAPLE_RIDGE_WT_1 323574	50.42 -0.17 0.00	47.34 -0.07 0.00	39.63 -0.14 0.00	31.16 -0.17 0.00	37.36 -0.06 0.00	37.18 -0.05 0.00	44.87 -0.01 0.00	52.13 0.06 0.00	55.14 0.10 0.00	55.09 0.09 0.00	50.79 -0.04 0.00	61.10 -0.13 0.00	77.03 -0.20 0.00	71.86 -0.21 0.00	77.70 -0.23 0.00	86.40 -0.29 0.00	78.68 -0.45 0.00	82.83 -0.47 0.00	64.97 -0.32 0.00	85.66 -0.27 0.00	87.18 -0.18 0.00	90.67 -0.02 0.00	86.67 0.04 0.00	60.50 0.01 0.00
MAPLE_RIDGE_WT_2 323611	50.42 -0.17 0.00	47.34 -0.07 0.00	39.63 -0.14 0.00	31.16 -0.17 0.00	37.36 -0.06 0.00	37.18 -0.05 0.00	44.87 -0.01 0.00	52.13 0.06 0.00	55.14 0.10 0.00	55.09 0.09 0.00	50.79 -0.04 0.00	61.10 -0.13 0.00	77.03 -0.20 0.00	71.86 -0.21 0.00	77.70 -0.23 0.00	86.40 -0.29 0.00	78.68 -0.45 0.00	82.83 -0.47 0.00	64.97 -0.32 0.00	85.66 -0.27 0.00	87.18 -0.18 0.00	90.67 -0.02 0.00	86.67 0.04 0.00	60.50 0.01 0.00
MARBLE_RIVER_WT_PWR 323696	50.29 -0.30 0.00	47.32 -0.09 0.00	39.29 -0.48 0.00	30.71 -0.62 0.00	37.03 -0.38 0.00	36.93 -0.29 0.00	44.84 -0.05 0.00	52.30 0.24 0.00	55.42 0.38 0.00	55.45 0.44 0.00	50.71 -0.12 0.00	60.93 -0.31 0.00	76.62 -0.61 0.00	71.58 -0.49 0.00	77.37 -0.55 0.00	85.66 -1.03 0.00	77.40 -1.73 0.00	81.16 -2.14 0.00	63.70 -1.60 0.00	84.63 -1.30 0.00	86.53 -0.84 0.00	90.52 -0.17 0.00	86.96 0.34 0.00	60.56 0.07 0.00
MARSHVLE_115KV_TB1 80742	54.47 4.04 0.16	50.87 3.64 0.19	42.63 2.86 0.00	33.43 2.10 0.00	39.90 2.49 0.00	39.75 2.53 0.00	47.94 3.05 0.00	55.18 3.11 0.00	58.21 3.17 0.00	58.09 3.09 0.00	53.29 2.70 0.24	63.29 3.34 1.28	81.37 4.19 0.05	76.11 4.04 0.00	82.24 4.32 0.00	91.65 4.97 0.00	83.31 4.19 0.00	88.68 5.38 0.00	69.61 4.32 0.00	92.65 6.72 0.00	95.26 7.90 0.00	98.87 8.18 0.00	94.07 7.44 0.00	65.59 5.11 0.00
MARSH_HILL_WT_PWR 323713	54.11 3.52 0.00	49.83 2.42 0.00	41.28 1.51 0.00	32.61 1.28 0.00	38.28 0.87 0.00	38.49 1.26 0.00	46.42 1.53 0.00	53.39 1.32 0.00	57.20 2.16 0.00	57.67 2.67 0.00	53.09 2.26 0.00	64.33 3.10 0.00	81.35 4.11 0.00	75.08 3.01 0.00	81.69 3.77 0.00	90.85 4.17 0.00	83.57 4.45 0.00	88.29 4.99 0.00	68.73 3.44 0.00	91.25 5.31 0.00	93.56 6.19 0.00	97.70 7.01 0.00	91.22 4.59 0.00	63.62 3.13 0.00
MCINTYRE_115KV_TB2 80467	52.15 1.56 0.00	49.06 1.65 0.00	40.69 0.92 0.00	31.82 0.48 0.00	38.53 1.11 0.00	38.43 1.21 0.00	46.70 1.81 0.00	54.35 2.28 0.00	57.39 2.34 0.00	56.81 1.80 0.00	51.59 0.77 0.00	61.61 0.38 0.00	77.17 -0.07 0.00	72.02 -0.05 0.00	77.82 -0.10 0.00	86.14 -0.54 0.00	77.47 -1.66 0.00	80.75 -2.55 0.00	64.00 -1.29 0.00	87.36 1.43 0.00	89.68 2.32 0.00	94.27 3.58 0.00	90.73 4.10 0.00	63.16 2.67 0.00
MECO_____69_KV_BK1 80468	54.62 4.21 0.18	50.95 3.75 0.21	42.86 3.09 0.00	33.70 2.37 0.00	40.13 2.71 0.00	39.99 2.77 0.00	48.18 3.29 0.00	55.43 3.37 0.00	57.94 2.90 0.00	57.42 2.41 0.00	52.34 1.78 0.27	61.95 2.13 1.41	79.81 2.64 0.06	74.99 2.92 0.00	81.16 3.23 0.00	91.06 4.38 0.00	83.14 4.02 0.00	88.83 5.54 0.00	70.26 4.97 0.00	93.62 7.69 0.00	96.37 9.00 0.00	99.80 9.11 0.00	94.71 8.08 0.00	65.91 5.43 0.00
MENANDS___115KV_TB5 355628	50.22 -0.10 0.27	47.09 0.00 0.32	40.15 0.38 0.00	31.78 0.45 0.00	37.75 0.33 0.00	37.58 0.36 0.00	45.09 0.20 0.00	52.08 0.02 0.00	54.84 -0.20 0.00	54.48 -0.53 0.00	50.15 -0.28 0.40	58.69 -0.43 2.11	76.77 -0.38 0.09	71.93 -0.14 0.00	78.09 0.16 0.00	87.25 0.57 0.00	80.01 0.89 0.00	84.55 1.25 0.00	66.44 1.15 0.00	86.69 0.76 0.00	87.80 0.44 0.00	90.60 -0.10 0.00	86.27 -0.36 0.00	60.38 -0.11 0.00
MG INDUSTRY___DRP 24185	-135.58 -1.04 185.13	46.40 -0.83 0.17	39.46 -0.31 0.00	31.22 -0.12 0.00	37.09 -0.32 0.00	36.91 -0.32 0.00	44.26 -0.63 0.00	51.13 -0.94 0.00	53.84 -1.20 0.00	53.46 -1.54 0.00	49.29 -1.32 0.22	58.34 -1.73 1.16	75.07 -2.12 0.05	70.19 -1.87 0.00	76.24 -1.69 0.00	85.16 -1.52 0.00	77.94 -1.19 0.00	82.41 -0.89 0.00	64.70 -0.59 0.00	84.68 -1.26 0.00	85.84 -1.52 0.00	88.72 -1.97 0.00	84.61 -2.02 0.00	59.24 -1.25 0.00

MID___OSWEGATCHIE_HYD 23849	52.45 1.52 -0.33	49.09 1.36 -0.32	40.58 0.81 0.00	31.83 0.50 0.00	38.35 0.93 0.00	38.29 1.07 0.00	46.41 1.46 -0.06	54.46 1.81 -0.58	57.21 1.96 -0.21	56.97 1.77 -0.20	51.97 1.14 0.00	62.34 0.79 -0.33	78.60 0.66 -0.70	72.61 0.23 -0.31	79.37 0.35 -1.10	87.23 0.18 -0.37	78.62 -0.52 -0.02	82.54 -0.76 0.00	65.31 -0.07 -0.09	89.43 1.81 -1.69	91.86 2.69 -1.80	97.13 3.70 -2.74	92.30 3.67 -1.99	63.20 2.33 -0.38
MID___RAQUETTE_HYD 23851	51.22 0.63 0.00	48.16 0.75 0.00	40.01 0.23 0.00	31.29 -0.04 0.00	37.87 0.45 0.00	37.74 0.51 0.00	45.88 0.99 0.00	53.51 1.45 0.00	56.61 1.57 0.00	56.26 1.25 0.00	51.26 0.43 0.00	60.98 -0.25 0.00	76.35 -0.89 0.00	70.95 -1.12 0.00	76.70 -1.23 0.00	84.93 -1.75 0.00	76.52 -2.61 0.00	79.73 -3.57 0.00	62.99 -2.30 0.00	84.91 -1.02 0.00	87.09 -0.28 0.00	91.64 0.95 0.00	88.35 1.72 0.00	61.76 1.27 0.00
MILLIKEN___1 23584	52.69 1.84 -0.25	49.06 1.40 -0.25	40.84 1.07 0.00	32.25 0.92 0.00	38.25 0.83 0.00	38.21 0.98 0.00	46.07 1.14 -0.04	53.59 1.09 -0.44	56.36 1.16 -0.16	56.35 1.20 -0.15	52.00 1.17 0.00	63.09 1.62 -0.24	79.92 2.16 -0.53	74.18 1.88 -0.23	81.11 2.36 -0.82	89.60 2.63 -0.28	81.95 2.81 -0.01	86.71 3.41 0.00	68.26 2.89 -0.07	91.49 4.27 -1.28	93.17 4.44 -1.37	97.27 4.50 -2.08	91.55 3.41 -1.51	62.93 2.16 -0.29
MILLIKEN___2 23585	52.69 1.84 -0.25	49.06 1.40 -0.25	40.84 1.07 0.00	32.25 0.92 0.00	38.25 0.83 0.00	38.21 0.98 0.00	46.07 1.14 -0.04	53.59 1.09 -0.44	56.36 1.16 -0.16	56.35 1.20 -0.15	52.00 1.17 0.00	63.09 1.62 -0.24	79.92 2.16 -0.53	74.18 1.88 -0.23	81.11 2.36 -0.82	89.60 2.63 -0.28	81.95 2.81 -0.01	86.71 3.41 0.00	68.26 2.89 -0.07	91.49 4.27 -1.28	93.17 4.44 -1.37	97.27 4.50 -2.08	91.55 3.41 -1.51	62.93 2.16 -0.29
MILLIKEN___DIESEL 23629	52.69 1.84 -0.25	49.06 1.40 -0.25	40.84 1.07 0.00	32.25 0.92 0.00	38.25 0.83 0.00	38.21 0.98 0.00	46.07 1.14 -0.04	53.59 1.09 -0.44	56.36 1.16 -0.16	56.35 1.20 -0.15	52.00 1.17 0.00	63.09 1.62 -0.24	79.92 2.16 -0.53	74.18 1.88 -0.23	81.11 2.36 -0.82	89.60 2.63 -0.28	81.95 2.81 -0.01	86.71 3.41 0.00	68.26 2.89 -0.07	91.49 4.27 -1.28	93.17 4.44 -1.37	97.27 4.50 -2.08	91.55 3.41 -1.51	62.93 2.16 -0.29
MILLSEAT___LFGE 323607	54.85 4.26 0.00	50.26 2.85 0.00	41.22 1.45 0.00	32.34 1.00 0.00	38.02 0.60 0.00	38.20 0.98 0.00	46.25 1.36 0.00	53.15 1.08 0.00	57.15 2.11 0.00	58.39 3.39 0.00	53.54 2.71 0.00	65.16 3.92 0.00	82.18 4.95 0.00	76.04 3.97 0.00	82.81 4.88 0.00	91.72 5.04 0.00	83.38 4.25 0.00	87.99 4.69 0.00	68.38 3.08 0.00	90.39 4.46 0.00	93.47 6.11 0.00	98.08 7.39 0.00	91.95 5.32 0.00	64.29 3.81 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.40 1.51 -0.31	49.27 1.50 -0.36	41.43 1.66 0.00	32.78 1.45 0.00	38.78 1.36 0.00	38.62 1.40 0.00	46.67 1.78 0.00	54.16 1.65 -0.45	57.02 1.44 -0.53	56.68 1.25 -0.42	53.31 1.80 -0.68	66.24 2.13 -2.87	81.38 3.02 -1.12	75.76 2.89 -0.81	82.28 3.29 -1.07	91.66 4.44 -0.54	84.19 4.98 -0.09	88.78 5.49 0.00	69.23 3.94 0.00	89.61 3.68 0.00	90.24 2.88 0.00	92.81 2.11 0.00	88.19 1.57 0.00	61.73 1.25 0.00
MILLWOOD_13_KV_LOAD 356217	52.51 1.61 -0.31	49.37 1.60 -0.36	41.51 1.74 0.00	32.83 1.50 0.00	38.84 1.42 0.00	38.69 1.47 0.00	46.75 1.87 0.00	54.26 1.75 -0.45	57.13 1.56 -0.53	56.80 1.37 -0.42	53.43 1.93 -0.68	66.41 2.30 -2.87	81.59 3.24 -1.12	75.97 3.11 -0.81	82.51 3.52 -1.07	91.92 4.69 -0.54	84.45 5.24 -0.09	89.05 5.75 0.00	69.43 4.14 0.00	89.86 3.93 0.00	90.48 3.12 0.00	93.06 2.37 0.00	88.41 1.78 0.00	61.88 1.40 0.00
MODEL_CITY_ENERGY 24167	53.68 3.09 0.00	49.18 1.77 0.00	40.28 0.51 0.00	31.59 0.26 0.00	37.11 -0.31 0.00	37.29 0.06 0.00	45.10 0.21 0.00	51.63 -0.44 0.00	55.58 0.54 0.00	56.94 1.94 0.00	52.13 1.30 0.00	63.46 2.23 0.00	80.03 2.79 0.00	73.97 1.90 0.00	80.61 2.69 0.00	89.22 2.53 0.00	80.94 1.82 0.00	85.34 2.05 0.00	66.03 0.74 0.00	86.89 0.96 0.00	89.97 2.60 0.00	94.71 4.02 0.00	88.95 2.32 0.00	62.51 2.03 0.00
MODERN_LFGE___ 323580	53.68 3.09 0.00	49.18 1.77 0.00	40.28 0.51 0.00	31.59 0.26 0.00	37.11 -0.31 0.00	37.29 0.06 0.00	45.10 0.21 0.00	51.63 -0.44 0.00	55.58 0.54 0.00	56.94 1.94 0.00	52.13 1.30 0.00	63.46 2.23 0.00	80.03 2.79 0.00	73.97 1.90 0.00	80.61 2.69 0.00	89.22 2.53 0.00	80.94 1.82 0.00	85.34 2.05 0.00	66.03 0.74 0.00	86.89 0.96 0.00	89.97 2.60 0.00	94.71 4.02 0.00	88.95 2.32 0.00	62.51 2.03 0.00
MOHAWK_PAPER___DRP 24187	50.75 0.43 0.27	47.55 0.45 0.32	40.50 0.73 0.00	32.04 0.71 0.00	38.06 0.64 0.00	37.90 0.68 0.00	45.49 0.61 0.00	52.55 0.48 0.00	55.33 0.29 0.00	54.98 -0.03 0.00	50.60 0.17 0.40	59.23 0.12 2.12	77.47 0.33 0.09	72.60 0.53 0.00	78.87 0.94 0.00	88.11 1.43 0.00	80.82 1.70 0.00	85.43 2.13 0.00	67.19 1.90 0.00	87.73 1.80 0.00	88.90 1.53 0.00	91.70 1.01 0.00	87.30 0.67 0.00	61.03 0.55 0.00
MOHICAN___35_KV_115KV_LD 80490	52.60 2.29 0.27	49.19 2.10 0.33	41.85 2.08 0.00	33.08 1.74 0.00	39.30 1.89 0.00	39.20 1.98 0.00	47.05 2.16 0.00	54.28 2.21 0.00	57.06 2.02 0.00	56.48 1.47 0.00	51.78 1.35 0.41	60.32 1.25 2.16	78.96 1.81 0.09	73.98 1.91 0.00	80.54 2.62 0.00	90.73 4.05 0.00	82.97 3.84 0.00	87.84 4.54 0.00	69.77 4.48 0.00	91.58 5.65 0.00	93.09 5.72 0.00	96.33 5.64 0.00	91.67 5.04 0.00	63.92 3.43 0.00
MONGAUP___HYD 23641	52.96 2.11 -0.26	49.66 1.95 -0.30	41.69 1.92 0.00	32.93 1.59 0.00	38.97 1.55 0.00	38.82 1.59 0.00	46.83 1.94 0.00	53.96 1.90 0.00	56.78 1.74 0.00	56.42 1.41 0.00	52.56 1.35 -0.38	64.83 1.58 -2.01	79.86 2.54 -0.08	74.56 2.49 0.00	80.77 2.84 0.00	90.73 4.05 0.00	83.20 4.07 0.00	87.68 4.38 0.00	68.85 3.56 0.00	91.21 5.27 0.00	92.16 4.80 0.00	94.88 4.19 0.00	90.01 3.38 0.00	62.81 2.33 0.00
MONTAUK___DIESEL 23721	31.95 3.26 21.90	33.75 2.73 16.39	42.40 2.63 0.01	33.60 2.26 0.00	39.58 2.17 0.01	39.71 2.49 0.00	27.99 2.88 19.78	32.14 3.34 23.26	39.59 3.28 18.73	44.66 3.52 13.86	46.08 4.20 8.95	46.61 5.06 19.68	48.82 6.94 35.36	48.94 6.32 29.45	48.84 6.51 35.59	75.49 8.54 19.73	80.50 9.51 8.13	93.80 10.50 0.00	72.68 7.41 0.03	90.49 7.67 3.11	74.01 6.49 19.85	60.07 5.81 36.42	67.41 5.04 24.27	45.61 3.33 18.21
MOONROAD_115KV_HARTFLD_TB1-2 355988	54.63 4.05 0.00	50.15 2.74 0.00	41.33 1.56 0.00	32.61 1.27 0.00	38.34 0.93 0.00	38.66 1.44 0.00	46.77 1.88 0.00	54.37 2.31 0.00	58.68 3.64 0.00	60.17 5.16 0.00	55.35 4.53 0.00	67.23 6.00 0.00	84.75 7.52 0.00	78.59 6.52 0.00	85.44 7.51 0.00	94.78 8.10 0.00	86.74 7.62 0.00	91.59 8.30 0.00	70.96 5.67 0.00	93.53 7.60 0.00	96.43 9.07 0.00	100.50 9.81 0.00	93.98 7.35 0.00	65.54 5.06 0.00

MORRIS RIDGE___SOLAR 323848	53.47 2.88 0.00	49.23 1.82 0.00	40.67 0.90 0.00	32.10 0.77 0.00	37.77 0.35 0.00	37.95 0.73 0.00	45.71 0.82 0.00	52.51 0.44 0.00	56.25 1.21 0.00	56.80 1.79 0.00	52.34 1.51 0.00	63.44 2.21 0.00	80.03 2.80 0.00	73.86 1.79 0.00	80.41 2.48 0.00	89.36 2.67 0.00	81.90 2.78 0.00	86.57 3.28 0.00	67.35 2.06 0.00	89.48 3.55 0.00	91.98 4.62 0.00	96.12 5.43 0.00	90.20 3.57 0.00	63.05 2.56 0.00
MORTIMER_115KV_TB3 55949	53.33 2.74 0.00	49.20 1.79 0.00	40.68 0.91 0.00	31.96 0.62 0.00	37.73 0.31 0.00	37.80 0.58 0.00	45.72 0.84 0.00	52.85 0.78 0.00	56.68 1.64 0.00	57.52 2.52 0.00	53.08 2.25 0.00	64.49 3.26 0.00	81.51 4.27 0.00	75.71 3.64 0.00	82.27 4.35 0.00	91.32 4.64 0.00	83.00 3.88 0.00	87.64 4.34 0.00	68.23 2.94 0.00	89.78 3.85 0.00	92.06 4.69 0.00	96.09 5.40 0.00	90.46 3.83 0.00	63.04 2.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.66 1.76 -0.31	49.56 1.79 -0.37	41.69 1.92 0.00	32.98 1.64 0.00	39.01 1.60 0.00	38.87 1.65 0.00	46.99 2.10 0.00	54.63 2.02 -0.55	57.49 1.79 -0.65	57.15 1.63 -0.51	53.77 2.21 -0.73	66.77 2.54 -3.00	82.10 3.52 -1.35	76.44 3.39 -0.98	83.05 3.83 -1.30	92.40 5.05 -0.66	84.83 5.59 -0.11	89.41 6.11 0.00	69.67 4.37 0.00	90.03 4.09 0.00	90.61 3.24 0.00	93.14 2.45 0.00	88.45 1.82 0.00	61.95 1.46 0.00
MUNSVILLE_WIND_PWR 323609	55.32 4.73 0.00	51.48 4.07 0.00	42.94 3.17 0.00	33.90 2.56 0.00	40.39 2.97 0.00	40.51 3.29 0.00	48.72 3.83 0.00	56.41 4.35 0.00	59.77 4.72 0.00	59.52 4.51 0.00	55.04 4.21 0.00	66.59 5.36 0.00	84.38 7.15 0.00	78.63 6.57 0.00	85.67 7.74 0.00	95.26 8.58 0.00	87.40 8.27 0.00	92.98 9.69 0.00	73.26 7.96 0.00	97.15 11.21 0.00	98.81 11.45 0.00	102.16 11.47 0.00	95.71 9.08 0.00	66.11 5.62 0.00
N SALMON___HYD 24042	51.10 0.51 0.00	48.01 0.60 0.00	39.82 0.05 0.00	31.12 -0.21 0.00	37.58 0.17 0.00	37.47 0.25 0.00	45.53 0.65 0.00	53.18 1.11 0.00	56.35 1.31 0.00	56.30 1.30 0.00	51.42 0.59 0.00	61.70 0.46 0.00	77.54 0.31 0.00	72.32 0.25 0.00	78.17 0.24 0.00	86.56 -0.12 0.00	78.16 -0.97 0.00	81.85 -1.45 0.00	64.40 -0.89 0.00	86.00 0.06 0.00	88.10 0.74 0.00	92.43 1.73 0.00	88.71 2.08 0.00	61.71 1.23 0.00
N.AKRON__115KV_KNAPP 355671	54.64 4.05 0.00	50.04 2.63 0.00	41.02 1.25 0.00	32.19 0.85 0.00	37.83 0.41 0.00	38.02 0.80 0.00	46.02 1.13 0.00	52.83 0.77 0.00	56.86 1.82 0.00	58.17 3.17 0.00	53.33 2.50 0.00	64.92 3.69 0.00	81.85 4.62 0.00	75.66 3.60 0.00	82.41 4.48 0.00	91.28 4.59 0.00	82.93 3.81 0.00	87.51 4.21 0.00	67.92 2.63 0.00	89.61 3.68 0.00	92.72 5.35 0.00	97.34 6.64 0.00	91.30 4.68 0.00	63.91 3.42 0.00
N.E_GEN_SANDY PD 24062	48.88 0.30 2.01	46.03 0.40 1.78	40.08 0.76 0.46	32.12 0.79 0.00	38.10 0.69 0.00	33.75 0.75 4.23	45.55 0.76 0.09	53.19 0.53 -0.59	55.94 0.26 -0.64	52.86 -0.23 1.92	47.84 0.11 3.11	44.04 0.02 17.21	74.56 0.21 2.89	70.70 0.39 1.76	76.35 0.75 2.32	87.06 1.56 1.18	76.46 1.83 4.49	85.54 2.25 0.00	67.15 1.85 0.00	87.26 1.33 0.00	88.29 0.93 0.00	90.98 0.29 0.00	86.70 0.07 0.00	60.65 0.16 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.51 1.63 -0.29	49.32 1.57 -0.34	41.48 1.71 0.00	32.81 1.47 0.00	38.80 1.39 0.00	38.63 1.41 0.00	46.72 1.83 0.00	54.14 1.70 -0.38	56.99 1.50 -0.45	56.68 1.32 -0.35	53.35 1.91 -0.61	66.23 2.34 -2.66	81.52 3.34 -0.95	75.91 3.17 -0.67	82.37 3.55 -0.89	91.91 4.77 -0.45	84.48 5.28 -0.07	89.10 5.80 0.00	69.47 4.18 0.00	89.92 3.99 0.00	90.53 3.16 0.00	93.11 2.42 0.00	88.50 1.88 0.00	61.95 1.46 0.00
N.QUEENS_27_KV_LOAD 356247	52.85 1.95 -0.31	49.78 2.00 -0.37	41.89 2.12 0.00	33.13 1.79 0.00	39.19 1.78 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.03 2.30 0.34	56.54 2.05 0.55	56.46 1.83 0.37	53.44 2.38 -0.23	65.78 2.61 -1.94	79.99 3.72 0.96	74.81 3.58 0.84	80.84 4.03 1.10	91.48 5.35 0.56	84.82 5.79 0.09	89.58 6.28 0.00	69.73 4.44 0.00	90.10 4.17 0.00	90.63 3.26 0.00	93.16 2.47 0.00	88.54 1.91 0.00	62.01 1.53 0.00
N.TROY___115KV_TB1 355778	50.97 0.74 0.36	47.74 0.75 0.43	40.76 0.99 0.00	32.26 0.92 0.00	38.33 0.91 0.00	38.19 0.97 0.00	45.83 0.95 0.00	52.89 0.83 0.00	55.66 0.62 0.00	55.19 0.18 0.00	50.61 0.32 0.54	58.60 0.21 2.84	77.50 0.38 0.12	72.64 0.57 0.07	78.90 0.97 0.00	88.41 1.73 0.00	80.93 1.81 0.00	85.57 2.27 0.00	67.39 2.10 0.00	88.03 2.10 0.00	89.34 1.98 0.00	92.23 1.54 0.00	87.85 1.22 0.00	61.39 0.90 0.00
NARROWS_GT1_1 24228	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT1_2 24229	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT1_3 24230	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT1_4 24231	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT1_5 24232	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00

NARROWS_GT1_6 24233	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT1_7 24234	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT1_8 24235	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_1 24236	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_2 24237	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_3 24238	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_4 24239	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_5 24240	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_6 24241	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_7 24242	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NARROWS_GT2_8 24243	52.78 1.88 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.82 0.00	47.20 2.32 0.00	54.71 2.18 -0.46	57.44 1.85 -0.55	57.11 1.68 -0.43	53.82 2.30 -0.69	66.76 2.61 -2.91	81.99 3.61 -1.15	76.40 3.51 -0.83	82.95 3.93 -1.10	92.44 5.20 -0.56	85.02 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.05 1.56 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	-184.29 0.68 235.55	47.92 0.63 0.12	40.59 0.82 0.00	32.08 0.75 0.00	38.13 0.72 0.00	37.97 0.75 0.00	45.59 0.70 0.00	52.75 0.68 0.00	55.67 0.63 0.00	55.25 0.24 0.15	50.72 0.04 0.00	60.41 -0.03 0.80	77.22 0.02 0.03	72.26 0.20 0.00	79.01 1.09 0.00	88.20 1.52 0.00	81.14 2.02 0.00	85.85 2.55 0.00	67.57 2.28 0.00	88.78 2.85 0.00	90.10 2.73 0.00	93.02 2.33 0.00	88.41 1.78 0.00	61.70 1.21 0.00
NCHELSEA_115KV_TR2 355582	52.87 2.04 -0.24	49.64 1.95 -0.29	41.76 1.98 0.00	33.02 1.69 0.00	39.09 1.68 0.00	38.95 1.73 0.00	47.01 2.12 0.00	54.18 2.11 0.00	57.07 2.03 0.00	56.84 1.83 0.00	53.45 2.26 -0.36	65.91 2.75 -1.92	81.19 3.88 -0.08	75.85 3.78 0.00	82.26 4.34 0.00	92.38 5.69 0.00	85.21 6.08 0.00	89.96 6.67 0.00	70.21 4.92 0.00	91.05 5.12 0.00	91.74 4.37 0.00	94.32 3.63 0.00	89.49 2.86 0.00	62.53 2.05 0.00
NEG CAPITAL___MECHNVIL 23645	52.18 1.90 0.31	48.83 1.79 0.37	41.55 1.78 0.00	32.85 1.51 0.00	39.03 1.61 0.00	38.91 1.68 0.00	46.74 1.86 0.00	53.96 1.89 0.00	56.85 1.81 0.00	56.41 1.41 0.00	51.78 1.41 0.46	60.32 1.52 2.44	79.19 2.06 0.10	74.27 2.20 0.00	80.74 2.81 0.00	90.62 3.94 0.00	82.99 3.87 0.00	87.84 4.55 0.00	69.33 4.04 0.00	90.77 4.84 0.00	92.14 4.78 0.00	95.11 4.42 0.00	90.45 3.82 0.00	63.08 2.59 0.00
NEG CENTRAL_HIGH_ACRES 23767	52.27 1.47 -0.22	48.31 0.68 -0.21	39.87 0.10 0.00	31.34 0.01 0.00	37.06 -0.36 0.00	37.10 -0.13 0.00	44.91 -0.02 -0.04	52.35 -0.15 -0.44	55.69 0.49 -0.15	56.40 1.24 -0.15	51.95 1.12 0.00	63.35 1.88 -0.24	80.31 2.56 -0.52	74.54 2.24 -0.23	81.52 2.78 -0.82	89.91 2.99 -0.24	81.68 2.55 -0.01	86.25 2.95 0.00	67.33 1.96 -0.07	89.76 2.57 -1.25	91.87 3.17 -1.33	96.33 3.61 -2.03	90.31 2.21 -1.47	62.12 1.36 -0.28

NEG CENTRAL___DRP 24199	51.97 0.47 -0.91	48.06 -0.14 -0.79	39.93 0.16 0.00	31.90 0.57 0.00	37.76 0.34 0.00	37.77 0.54 0.00	45.64 0.66 -0.10	53.50 0.44 -1.00	56.13 0.73 -0.36	56.46 1.12 -0.34	51.99 1.16 0.00	63.49 1.71 -0.55	80.93 2.50 -1.20	74.78 2.19 -0.53	82.50 2.71 -1.86	89.77 2.11 -0.98	81.32 2.14 -0.05	86.65 3.35 -0.01	68.27 2.82 -0.16	92.74 3.97 -2.85	94.46 4.07 -3.03	99.42 4.12 -4.61	92.98 3.00 -3.35	63.09 1.97 -0.64
NEG CENTRAL___INDECK 23768	55.28 4.69 0.00	51.21 3.80 0.00	42.25 2.48 0.00	33.27 1.94 0.00	39.23 1.81 0.00	39.39 2.17 0.00	47.74 2.85 0.00	54.92 2.85 0.00	58.62 3.58 0.00	58.83 3.83 0.00	53.82 2.99 0.00	64.47 3.25 0.00	80.90 3.67 0.00	74.76 2.69 0.00	81.42 3.50 0.00	90.35 3.66 0.00	82.79 3.67 0.00	87.74 4.44 0.00	68.31 3.02 0.00	90.97 5.04 0.00	93.86 6.50 0.00	98.29 7.60 0.00	92.06 5.43 0.00	65.66 5.17 0.00
NEG CENTRAL___SENECA 23627	53.25 2.66 0.00	49.34 1.93 0.00	40.97 1.20 0.00	32.19 0.86 0.00	38.04 0.63 0.00	38.12 0.90 0.00	46.02 1.07 -0.06	53.49 0.82 -0.61	56.56 1.30 -0.22	56.96 1.75 -0.21	52.50 1.67 0.00	63.95 2.38 -0.34	81.30 3.34 -0.73	75.24 2.86 -0.32	82.55 3.49 -1.13	90.93 4.23 -0.01	83.47 4.35 0.00	87.98 4.68 0.00	68.94 3.55 -0.09	92.53 4.90 -1.70	94.14 4.98 -1.81	98.53 5.09 -2.75	92.44 3.82 -1.99	63.45 2.59 -0.38
NEG CENTRAL___STATE_STREET 24147	52.61 1.25 -0.77	48.90 0.75 -0.73	40.39 0.62 0.00	31.95 0.62 0.00	37.87 0.45 0.00	37.83 0.61 0.00	45.71 0.70 -0.12	53.91 0.64 -1.21	56.05 0.58 -0.43	56.33 0.92 -0.41	51.84 1.01 0.00	63.32 1.42 -0.67	80.37 1.69 -1.45	74.19 1.48 -0.64	82.05 1.86 -2.26	89.33 1.80 -0.84	81.15 1.98 -0.04	85.76 2.46 -0.01	67.52 2.04 -0.19	92.72 3.30 -3.48	94.56 3.49 -3.71	99.82 3.48 -5.65	93.30 2.57 -4.10	62.86 1.60 -0.78
NEG MILLWOOD___DRP 24198	52.96 2.10 -0.27	49.74 2.00 -0.32	41.81 2.04 0.00	33.06 1.73 0.00	39.13 1.72 0.00	38.99 1.77 0.00	47.10 2.21 0.00	54.29 2.22 0.00	57.17 2.13 0.00	56.94 1.93 0.00	53.64 2.41 -0.41	66.28 2.91 -2.14	81.40 4.08 -0.09	76.07 4.00 0.00	82.58 4.65 0.00	92.71 6.03 0.00	85.54 6.42 0.00	90.28 6.98 0.00	70.41 5.12 0.00	91.26 5.32 0.00	91.87 4.50 0.00	94.45 3.76 0.00	89.59 2.96 0.00	62.58 2.10 0.00
NEG NORTH_FLCN_SEA 23793	50.27 -0.32 0.00	47.30 -0.11 0.00	39.26 -0.51 0.00	30.68 -0.66 0.00	37.00 -0.41 0.00	36.91 -0.32 0.00	44.78 -0.11 0.00	52.06 -0.01 0.00	55.15 0.11 0.00	55.17 0.16 0.00	50.45 -0.38 0.00	60.62 -0.61 0.00	76.23 -1.00 0.00	71.29 -0.78 0.00	77.09 -0.84 0.00	85.32 -1.37 0.00	77.06 -2.07 0.00	80.82 -2.48 0.00	63.44 -1.85 0.00	84.34 -1.59 0.00	86.26 -1.11 0.00	90.23 -0.47 0.00	86.63 0.00 0.00	60.30 -0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	50.39 -0.20 0.00	47.42 0.01 0.00	39.35 -0.42 0.00	30.75 -0.58 0.00	37.11 -0.31 0.00	37.02 -0.21 0.00	44.93 0.04 0.00	52.39 0.33 0.00	55.51 0.47 0.00	55.55 0.54 0.00	50.76 -0.07 0.00	60.99 -0.24 0.00	76.68 -0.56 0.00	71.63 -0.44 0.00	77.40 -0.52 0.00	85.69 -1.00 0.00	77.37 -1.75 0.00	81.11 -2.19 0.00	63.68 -1.61 0.00	84.70 -1.23 0.00	86.77 -0.59 0.00	90.89 0.20 0.00	87.31 0.68 0.00	60.78 0.29 0.00
NEG NORTH___ALICE_FALLS 23915	50.68 0.09 0.00	47.65 0.24 0.00	39.53 -0.24 0.00	30.90 -0.44 0.00	37.26 -0.16 0.00	37.17 -0.06 0.00	45.10 0.22 0.00	52.52 0.46 0.00	55.58 0.55 0.00	55.61 0.60 0.00	50.85 0.01 0.00	61.10 -0.13 0.00	76.87 -0.37 0.00	71.94 -0.13 0.00	77.88 -0.04 0.00	86.17 -0.51 0.00	77.83 -1.30 0.00	81.61 -1.69 0.00	64.10 -1.19 0.00	85.38 -0.55 0.00	87.37 0.00 0.00	91.41 0.72 0.00	87.70 1.07 0.00	60.98 0.50 0.00
NEG NORTH___LWR_SARANAC 23913	50.68 0.09 0.00	47.65 0.24 0.00	39.53 -0.24 0.00	30.90 -0.44 0.00	37.26 -0.16 0.00	37.17 -0.06 0.00	45.10 0.22 0.00	52.52 0.46 0.00	55.58 0.55 0.00	55.61 0.60 0.00	50.85 0.01 0.00	61.10 -0.13 0.00	76.87 -0.37 0.00	71.94 -0.13 0.00	77.88 -0.04 0.00	86.17 -0.51 0.00	77.83 -1.30 0.00	81.61 -1.69 0.00	64.10 -1.19 0.00	85.38 -0.55 0.00	87.37 0.00 0.00	91.41 0.72 0.00	87.70 1.07 0.00	60.98 0.50 0.00
NEG NORTH___PLATTSBURG 23628	50.68 0.09 0.00	47.65 0.24 0.00	39.54 -0.24 0.00	30.90 -0.44 0.00	37.26 -0.16 0.00	37.16 -0.06 0.00	45.11 0.22 0.00	52.53 0.46 0.00	55.58 0.55 0.00	55.61 0.60 0.00	50.85 0.01 0.00	61.10 -0.13 0.00	76.87 -0.36 0.00	71.94 -0.13 0.00	77.88 -0.04 0.00	86.17 -0.51 0.00	77.83 -1.30 0.00	81.61 -1.69 0.00	64.10 -1.19 0.00	85.38 -0.55 0.00	87.37 0.00 0.00	91.41 0.72 0.00	87.70 1.07 0.00	60.98 0.50 0.00
NEG WEST_LEA_LOCKPORT 23791	53.76 3.17 0.00	49.25 1.84 0.00	40.34 0.57 0.00	31.65 0.32 0.00	37.17 -0.24 0.00	37.36 0.13 0.00	45.18 0.29 0.00	51.86 -0.21 0.00	55.88 0.84 0.00	57.26 2.25 0.00	52.47 1.64 0.00	63.83 2.60 0.00	80.42 3.18 0.00	74.24 2.18 0.00	80.88 2.95 0.00	89.56 2.88 0.00	81.28 2.16 0.00	85.68 2.38 0.00	66.34 1.05 0.00	87.35 1.42 0.00	90.42 3.05 0.00	95.11 4.42 0.00	89.27 2.65 0.00	62.60 2.11 0.00
NEG WEST___LANCASTR 23811	53.46 2.87 0.00	49.10 1.69 0.00	40.36 0.59 0.00	31.76 0.42 0.00	37.33 -0.09 0.00	37.49 0.26 0.00	45.33 0.44 0.00	52.42 0.36 0.00	56.46 1.42 0.00	57.65 2.64 0.00	53.01 2.18 0.00	64.38 3.15 0.00	81.25 4.02 0.00	75.20 3.13 0.00	81.81 3.88 0.00	90.70 4.02 0.00	82.82 3.69 0.00	87.44 4.14 0.00	67.70 2.41 0.00	89.05 3.12 0.00	91.75 4.39 0.00	95.74 5.05 0.00	89.85 3.22 0.00	62.73 2.24 0.00
NEG_PENN_ALLEGHNY 23528	51.98 1.39 0.00	48.43 1.01 0.00	40.53 0.75 0.00	32.05 0.72 0.00	37.96 0.54 0.00	37.94 0.71 0.00	45.61 0.72 0.00	52.62 0.55 0.00	55.87 0.83 0.00	56.00 1.00 0.00	51.93 1.10 0.00	62.76 1.53 0.00	79.46 2.23 0.00	73.93 1.87 0.00	80.24 2.32 0.00	89.41 2.72 0.00	82.21 3.08 0.00	86.77 3.47 0.00	67.84 2.55 0.00	89.26 3.32 0.00	90.44 3.08 0.00	93.81 3.11 0.00	88.70 2.08 0.00	61.87 1.39 0.00
NEG___GEN_MONROE 24207	54.27 3.67 0.00	49.92 2.51 0.00	41.19 1.42 0.00	32.30 0.96 0.00	38.07 0.66 0.00	38.13 0.90 0.00	46.14 1.25 0.00	53.34 1.27 0.00	57.13 2.09 0.00	58.05 3.04 0.00	53.50 2.67 0.00	65.03 3.80 0.00	82.13 4.89 0.00	76.28 4.21 0.00	82.88 4.95 0.00	92.00 5.32 0.00	83.65 4.52 0.00	88.35 5.06 0.00	68.83 3.54 0.00	90.74 4.80 0.00	93.16 5.80 0.00	97.31 6.62 0.00	91.50 4.87 0.00	63.76 3.28 0.00
NEPA___ENERGY 23901	53.39 2.80 0.00	49.07 1.66 0.00	40.35 0.58 0.00	31.94 0.60 0.00	37.47 0.06 0.00	37.76 0.53 0.00	45.47 0.58 0.00	51.81 -0.26 0.00	55.47 0.43 0.00	56.34 1.33 0.00	51.92 1.09 0.00	62.77 1.54 0.00	79.35 2.12 0.00	73.33 1.27 0.00	79.41 1.48 0.00	88.17 1.48 0.00	80.76 1.64 0.00	85.19 1.90 0.00	66.07 0.78 0.00	86.93 1.00 0.00	89.13 1.77 0.00	93.26 2.57 0.00	87.83 1.21 0.00	61.43 0.95 0.00

NEVERSINK___HYD 23608	33.44 0.79 17.94	48.36 0.72 -0.23	40.69 0.92 0.00	32.14 0.81 0.00	38.05 0.63 0.00	37.87 0.65 0.00	45.69 0.80 0.00	52.69 0.63 0.00	55.51 0.47 0.00	55.34 0.34 0.00	51.88 0.77 -0.29	64.10 1.35 -1.52	79.05 1.75 -0.06	73.94 1.87 0.00	80.16 2.23 0.00	89.91 3.23 0.00	83.15 4.02 0.00	87.91 4.61 0.00	68.77 3.47 0.00	89.54 3.61 0.00	90.24 2.88 0.00	92.65 1.96 0.00	87.85 1.23 0.00	61.30 0.82 0.00
NEWKRMKL_115KV_TB1 55635	50.07 -0.28 0.24	46.95 -0.18 0.28	40.00 0.23 0.00	31.65 0.32 0.00	37.60 0.18 0.00	37.42 0.20 0.00	44.92 0.04 0.00	51.89 -0.18 0.00	54.65 -0.39 0.00	54.32 -0.68 0.00	50.06 -0.41 0.36	58.77 -0.58 1.88	76.60 -0.55 0.08	71.76 -0.31 0.00	77.92 0.00 0.00	87.02 0.34 0.00	79.81 0.68 0.00	84.32 1.03 0.00	66.24 0.95 0.00	86.46 0.53 0.00	87.58 0.21 0.00	90.34 -0.35 0.00	86.03 -0.60 0.00	60.21 -0.28 0.00
NEWTON___FALLS_HYD 23847	52.45 1.52 -0.33	49.09 1.36 -0.32	40.58 0.81 0.00	31.83 0.50 0.00	38.35 0.93 0.00	38.29 1.07 0.00	46.41 1.46 -0.06	54.46 1.81 -0.58	57.21 1.96 -0.21	56.97 1.77 -0.20	51.97 1.14 0.00	62.34 0.79 -0.33	78.60 0.66 -0.70	72.61 0.23 -0.31	79.37 0.35 -1.10	87.23 0.18 -0.37	78.62 -0.52 -0.02	82.54 -0.76 0.00	65.31 -0.07 -0.09	89.43 1.81 -1.69	91.86 2.69 -1.80	97.13 3.70 -2.74	92.30 3.67 -1.99	63.20 2.33 -0.38
NGRID_A1_DSASP 323792	52.94 2.35 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.20 -0.13 0.00	36.66 -0.76 0.00	36.83 -0.40 0.00	44.39 -0.49 0.00	51.06 -1.01 0.00	55.23 0.19 0.00	56.61 1.60 0.00	51.83 1.00 0.00	63.14 1.91 0.00	79.63 2.40 0.00	73.55 1.48 0.00	80.15 2.22 0.00	88.69 2.01 0.00	80.31 1.18 0.00	84.65 1.35 0.00	65.41 0.11 0.00	85.99 0.06 0.00	89.01 1.64 0.00	93.97 3.28 0.00	88.53 1.91 0.00	62.00 1.52 0.00
NGRID_A2_DSASP 323793	52.94 2.35 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.20 -0.13 0.00	36.66 -0.76 0.00	36.83 -0.40 0.00	44.39 -0.49 0.00	51.06 -1.01 0.00	55.23 0.19 0.00	56.61 1.60 0.00	51.83 1.00 0.00	63.14 1.91 0.00	79.63 2.40 0.00	73.55 1.48 0.00	80.15 2.22 0.00	88.69 2.01 0.00	80.31 1.18 0.00	84.65 1.35 0.00	65.41 0.11 0.00	85.99 0.06 0.00	89.01 1.64 0.00	93.97 3.28 0.00	88.53 1.91 0.00	62.00 1.52 0.00
NGRID_A4_DSASP 323807	52.94 2.35 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.20 -0.13 0.00	36.66 -0.76 0.00	36.83 -0.40 0.00	44.39 -0.49 0.00	51.06 -1.01 0.00	55.23 0.19 0.00	56.61 1.60 0.00	51.83 1.00 0.00	63.14 1.91 0.00	79.63 2.40 0.00	73.55 1.48 0.00	80.15 2.22 0.00	88.69 2.01 0.00	80.31 1.18 0.00	84.65 1.35 0.00	65.41 0.11 0.00	85.99 0.06 0.00	89.01 1.64 0.00	93.97 3.28 0.00	88.53 1.91 0.00	62.00 1.52 0.00
NIAGARA_115E_LBMP 323715	53.54 2.95 0.00	49.06 1.65 0.00	40.17 0.40 0.00	31.52 0.18 0.00	37.01 -0.41 0.00	37.19 -0.03 0.00	44.98 0.09 0.00	51.41 -0.65 0.00	55.33 0.29 0.00	56.71 1.71 0.00	51.91 1.08 0.00	63.19 1.96 0.00	79.70 2.46 0.00	73.68 1.62 0.00	80.32 2.39 0.00	88.87 2.19 0.00	80.57 1.45 0.00	84.95 1.65 0.00	65.69 0.40 0.00	86.41 0.48 0.00	89.51 2.14 0.00	94.27 3.58 0.00	88.55 1.92 0.00	62.31 1.82 0.00
NIAGARA_115W_LBMP 323714	52.81 2.22 0.00	48.39 0.98 0.00	39.63 -0.14 0.00	31.14 -0.20 0.00	36.57 -0.85 0.00	36.73 -0.49 0.00	44.28 -0.61 0.00	50.92 -1.14 0.00	55.08 0.04 0.00	56.44 1.44 0.00	51.67 0.84 0.00	62.93 1.70 0.00	79.37 2.14 0.00	73.33 1.26 0.00	79.91 1.99 0.00	88.43 1.74 0.00	80.07 0.95 0.00	84.41 1.11 0.00	65.21 -0.08 0.00	85.74 -0.20 0.00	88.75 1.39 0.00	93.73 3.04 0.00	88.33 1.71 0.00	61.85 1.37 0.00
NIAGARA_230_LBMP 323716	53.22 2.63 0.00	48.82 1.41 0.00	40.02 0.25 0.00	31.41 0.08 0.00	36.91 -0.51 0.00	37.07 -0.15 0.00	44.82 -0.07 0.00	51.57 -0.49 0.00	55.66 0.62 0.00	56.98 1.97 0.00	52.25 1.42 0.00	63.58 2.35 0.00	80.22 2.98 0.00	74.15 2.09 0.00	80.79 2.86 0.00	89.44 2.76 0.00	81.06 1.94 0.00	85.46 2.16 0.00	66.09 0.79 0.00	86.93 1.00 0.00	89.84 2.48 0.00	94.51 3.82 0.00	88.81 2.18 0.00	62.18 1.70 0.00
NIAGARA___115KV_198_GIBSON 55903	52.81 2.22 0.00	48.39 0.98 0.00	39.63 -0.14 0.00	31.14 -0.20 0.00	36.57 -0.85 0.00	36.73 -0.49 0.00	44.28 -0.61 0.00	50.91 -1.16 0.00	55.07 0.03 0.00	56.44 1.43 0.00	51.70 0.87 0.00	62.97 1.74 0.00	79.37 2.14 0.00	73.32 1.25 0.00	79.93 2.01 0.00	88.44 1.75 0.00	80.06 0.94 0.00	84.41 1.11 0.00	65.21 -0.08 0.00	85.73 -0.21 0.00	88.75 1.38 0.00	93.70 3.01 0.00	88.32 1.69 0.00	61.84 1.35 0.00
NIAGARA____ 23760	53.22 2.63 0.00	48.82 1.41 0.00	40.02 0.25 0.00	31.41 0.08 0.00	36.91 -0.51 0.00	37.07 -0.15 0.00	44.82 -0.07 0.00	51.57 -0.49 0.00	55.66 0.62 0.00	56.98 1.97 0.00	52.25 1.42 0.00	63.58 2.35 0.00	80.22 2.98 0.00	74.15 2.09 0.00	80.79 2.86 0.00	89.44 2.76 0.00	81.06 1.94 0.00	85.46 2.16 0.00	66.09 0.79 0.00	86.93 1.00 0.00	89.84 2.48 0.00	94.51 3.82 0.00	88.81 2.18 0.00	62.18 1.70 0.00
NINE_MILE_1 23575	41.32 -0.96 8.32	38.25 -1.08 8.09	38.83 -0.93 0.01	30.63 -0.70 0.00	36.43 -0.99 0.00	36.31 -0.92 0.00	42.27 -1.15 1.47	35.90 -1.44 14.72	48.38 -1.40 5.26	48.71 -1.29 5.01	49.69 -1.14 0.00	51.79 -1.26 8.18	57.98 -1.52 17.74	62.76 -1.48 7.82	48.93 -1.45 27.55	75.99 -1.58 9.12	77.38 -1.30 0.44	81.98 -1.24 0.07	61.91 -1.01 2.37	41.95 -1.36 42.63	40.60 -1.33 45.43	20.17 -1.42 69.10	34.71 -1.77 50.15	49.68 -1.30 9.50
NINE_MILE_2 23744	41.26 -0.94 8.39	38.19 -1.06 8.16	38.83 -0.93 0.01	30.64 -0.70 0.00	36.43 -0.99 0.00	36.31 -0.91 0.00	42.26 -1.15 1.48	35.78 -1.43 14.86	48.34 -1.39 5.31	48.66 -1.29 5.06	49.69 -1.14 0.00	51.73 -1.24 8.26	57.82 -1.51 17.90	62.69 -1.48 7.89	48.67 -1.45 27.80	75.91 -1.58 9.20	77.38 -1.30 0.45	81.98 -1.24 0.07	61.89 -1.01 2.39	41.56 -1.36 43.02	40.18 -1.33 45.85	19.54 -1.42 69.73	34.25 -1.77 50.61	49.60 -1.29 9.59
NM_CAPITAL___DRP 24208	50.08 -0.24 0.27	46.96 -0.14 0.32	40.04 0.27 0.00	31.69 0.36 0.00	37.65 0.23 0.00	37.48 0.26 0.00	44.98 0.09 0.00	51.94 -0.12 0.00	54.69 -0.35 0.00	54.32 -0.69 0.00	50.02 -0.41 0.39	58.54 -0.60 2.09	76.55 -0.60 0.09	71.72 -0.34 0.00	77.85 -0.07 0.00	87.02 0.34 0.00	79.77 0.65 0.00	84.29 1.00 0.00	66.23 0.94 0.00	86.42 0.49 0.00	87.51 0.14 0.00	90.29 -0.40 0.00	86.00 -0.62 0.00	60.21 -0.28 0.00
NM_CENTRAL___DRP 24181	51.14 0.27 -0.27	47.67 -0.01 -0.27	39.68 -0.09 0.00	31.30 -0.03 0.00	37.17 -0.25 0.00	37.09 -0.13 0.00	44.72 -0.21 -0.05	52.17 -0.36 -0.46	55.01 -0.19 -0.17	55.13 -0.03 -0.16	50.93 0.10 0.00	61.80 0.31 -0.26	78.36 0.56 -0.56	72.73 0.42 -0.25	79.46 0.67 -0.87	87.81 0.83 -0.30	80.16 1.01 -0.02	84.51 1.21 0.00	66.26 0.89 -0.07	88.40 1.13 -1.34	89.95 1.16 -1.43	93.93 1.07 -2.17	88.60 0.39 -1.58	60.93 0.14 -0.30

NM_FRONTIER___DRP 24179	52.81 2.22 0.00	48.39 0.98 0.00	39.63 -0.14 0.00	31.14 -0.20 0.00	36.57 -0.85 0.00	36.73 -0.49 0.00	44.28 -0.61 0.00	50.91 -1.16 0.00	55.07 0.03 0.00	56.44 1.43 0.00	51.70 0.87 0.00	62.97 1.74 0.00	79.37 2.14 0.00	73.32 1.25 0.00	79.93 2.01 0.00	88.44 1.75 0.00	80.06 0.94 0.00	84.41 1.11 0.00	65.21 -0.08 0.00	85.73 -0.21 0.00	88.75 1.38 0.00	93.70 3.01 0.00	88.32 1.69 0.00	61.84 1.35 0.00
NM_ST_REGIS___HYD 24053	51.22 0.63 0.00	48.16 0.75 0.00	39.97 0.20 0.00	31.26 -0.07 0.00	37.80 0.39 0.00	37.69 0.46 0.00	45.81 0.92 0.00	53.45 1.38 0.00	56.54 1.51 0.00	56.29 1.29 0.00	51.31 0.48 0.00	61.18 -0.05 0.00	76.67 -0.57 0.00	71.30 -0.76 0.00	77.04 -0.88 0.00	85.35 -1.33 0.00	76.91 -2.22 0.00	80.22 -3.08 0.00	63.30 -1.99 0.00	85.18 -0.76 0.00	87.36 0.00 0.00	91.90 1.21 0.00	88.53 1.90 0.00	61.79 1.31 0.00
NORTHPORT___1 23551	28.40 0.10 22.29	30.96 0.23 16.68	40.59 0.82 0.01	32.17 0.84 0.00	37.96 0.55 0.01	38.03 0.81 0.00	25.29 0.52 20.12	28.94 0.09 23.21	36.12 -0.30 18.63	40.48 -0.44 14.09	42.48 0.54 8.89	42.16 0.55 19.62	42.60 0.89 35.53	42.91 0.84 30.00	42.71 1.07 36.28	68.66 2.03 20.05	74.13 3.30 8.30	86.78 3.49 0.01	67.47 2.21 0.03	39.82 1.06 47.18	53.67 0.19 33.89	53.05 -0.65 37.00	60.70 -1.27 24.67	41.17 -0.80 18.51
NORTHPORT___2 23552	28.40 0.10 22.29	30.96 0.23 16.68	40.59 0.82 0.01	32.17 0.84 0.00	37.96 0.55 0.01	38.03 0.81 0.00	25.29 0.52 20.12	28.94 0.09 23.21	36.12 -0.30 18.63	40.48 -0.44 14.09	42.48 0.54 8.89	42.16 0.55 19.62	42.60 0.89 35.53	42.91 0.84 30.00	42.71 1.07 36.28	68.66 2.03 20.05	74.13 3.30 8.30	86.78 3.49 0.01	67.47 2.21 0.03	39.82 1.06 47.18	53.67 0.19 33.89	53.05 -0.65 37.00	60.70 -1.27 24.67	41.17 -0.80 18.51
NORTHPORT___3 23553	28.25 -0.17 22.16	30.89 0.07 16.59	40.46 0.70 0.01	32.06 0.73 0.00	37.85 0.43 0.01	37.88 0.65 0.00	25.15 0.28 20.01	28.48 0.04 23.63	35.64 -0.35 19.05	40.39 -0.51 14.11	42.37 0.64 9.10	42.02 0.81 20.02	42.34 1.08 35.97	42.90 0.78 29.95	42.74 1.05 36.23	68.48 1.89 20.09	73.76 2.91 8.28	86.62 3.33 0.01	67.34 2.08 0.03	39.79 1.04 47.18	53.88 0.29 33.78	53.22 -0.69 36.79	60.66 -1.43 24.54	41.21 -0.86 18.42
NORTHPORT___4 23650	28.25 -0.17 22.16	30.89 0.07 16.59	40.46 0.70 0.01	32.06 0.73 0.00	37.85 0.43 0.01	37.88 0.65 0.00	25.15 0.28 20.01	28.48 0.04 23.63	35.64 -0.35 19.05	40.39 -0.51 14.11	42.37 0.64 9.10	42.02 0.81 20.02	42.34 1.08 35.97	42.90 0.78 29.95	42.74 1.05 36.23	68.48 1.89 20.09	73.76 2.91 8.28	86.62 3.33 0.01	67.34 2.08 0.03	39.79 1.04 47.18	53.88 0.29 33.78	53.22 -0.69 36.79	60.66 -1.43 24.54	41.21 -0.86 18.42
NORTHPORT___IC 23718	28.40 0.10 22.29	30.96 0.23 16.68	40.59 0.82 0.01	32.17 0.84 0.00	37.96 0.55 0.01	38.03 0.81 0.00	25.29 0.53 20.12	28.93 0.08 23.21	36.10 -0.32 18.62	40.48 -0.44 14.09	42.49 0.55 8.89	42.14 0.53 19.62	42.57 0.86 35.53	42.89 0.83 30.00	42.71 1.07 36.28	68.68 2.05 20.05	74.14 3.31 8.30	86.78 3.49 0.01	67.47 2.21 0.03	39.82 1.06 47.18	53.69 0.21 33.89	53.07 -0.63 37.00	60.70 -1.26 24.67	41.21 -0.76 18.51
NORTH___COUNTRY_ESR 323785	50.27 -0.32 0.00	47.32 -0.10 0.00	39.27 -0.50 0.00	30.69 -0.64 0.00	37.04 -0.38 0.00	36.94 -0.28 0.00	44.85 -0.03 0.00	52.38 0.31 0.00	55.51 0.47 0.00	55.54 0.54 0.00	50.76 -0.07 0.00	60.98 -0.25 0.00	76.67 -0.56 0.00	71.62 -0.44 0.00	77.40 -0.53 0.00	85.68 -1.00 0.00	77.37 -1.75 0.00	81.10 -2.19 0.00	63.65 -1.64 0.00	84.60 -1.34 0.00	86.54 -0.82 0.00	90.59 -0.10 0.00	87.03 0.40 0.00	60.61 0.13 0.00
NPX_GEN_1385_PROXY 323591	29.00 0.70 22.29	30.86 0.13 16.68	40.24 0.47 0.01	32.09 0.76 0.00	37.88 0.47 0.01	33.53 1.09 4.79	31.01 0.91 14.78	31.44 0.84 21.46	36.97 0.56 18.63	41.14 0.22 14.09	42.86 0.93 8.89	42.50 0.89 19.62	42.54 0.83 35.53	43.05 0.99 30.00	42.69 1.05 36.28	69.24 2.60 20.05	75.07 4.24 8.30	87.24 3.95 0.01	67.96 2.70 0.03	40.00 1.25 47.18	54.22 0.74 33.89	54.11 0.41 37.00	62.06 0.10 24.67	41.84 -0.13 18.51
NPX_GEN_CSC 323557	29.25 0.56 21.91	31.30 0.28 16.39	40.46 0.70 0.01	32.08 0.75 0.00	37.79 0.37 0.01	33.10 0.66 4.79	31.02 0.58 14.44	31.28 0.74 21.53	36.72 0.41 18.73	41.52 0.39 13.87	42.90 1.02 8.96	42.72 1.19 19.69	43.62 1.76 35.37	44.28 1.67 29.46	44.28 1.96 35.61	70.04 3.10 19.74	75.32 4.33 8.14	88.09 4.80 0.00	68.44 3.17 0.03	85.20 2.35 3.08	68.78 1.26 19.85	54.52 0.26 36.44	61.84 -0.52 24.28	41.93 -0.34 18.21
NSINS_S_GLNS_FALLS 23858	52.53 2.21 0.27	49.10 2.01 0.32	41.79 2.01 0.00	33.02 1.69 0.00	39.24 1.82 0.00	39.15 1.92 0.00	46.98 2.09 0.00	54.19 2.12 0.00	56.98 1.94 0.00	56.42 1.42 0.00	51.70 1.28 0.40	60.30 1.19 2.13	78.91 1.76 0.09	73.93 1.86 0.00	80.49 2.56 0.00	90.63 3.95 0.00	82.90 3.77 0.00	87.78 4.48 0.00	69.74 4.45 0.00	91.52 5.59 0.00	93.06 5.69 0.00	96.29 5.60 0.00	91.60 4.97 0.00	63.86 3.37 0.00
NUCOR_STEEL___DRP 24197	52.64 1.28 -0.77	49.01 0.85 -0.75	40.42 0.65 0.00	31.92 0.58 0.00	37.82 0.40 0.00	37.77 0.55 0.00	45.66 0.65 -0.13	53.95 0.58 -1.30	55.99 0.49 -0.46	56.30 0.85 -0.44	51.74 0.91 0.00	63.29 1.33 -0.72	80.28 1.48 -1.57	74.02 1.27 -0.69	81.97 1.61 -2.43	89.19 1.66 -0.85	81.00 1.84 -0.04	85.50 2.19 -0.01	67.28 1.78 -0.21	92.65 2.96 -3.76	94.47 3.10 -4.01	99.95 3.17 -6.09	93.36 2.31 -4.42	62.78 1.46 -0.84
NUMBER_THREE_WT_PWR 323818	53.50 2.53 -0.38	49.91 2.13 -0.37	41.32 1.55 0.00	32.47 1.13 0.00	38.98 1.56 0.00	38.96 1.74 0.00	47.03 2.08 -0.07	55.08 2.35 -0.66	57.87 2.59 -0.24	57.71 2.47 -0.23	52.89 2.07 0.00	63.76 2.16 -0.37	80.75 2.72 -0.80	74.52 2.10 -0.35	81.66 2.50 -1.24	89.76 2.66 -0.42	81.25 2.10 -0.02	85.91 2.61 0.00	67.93 2.54 -0.11	92.86 5.00 -1.92	95.36 5.95 -2.05	100.53 6.72 -3.12	94.82 5.93 -2.26	64.60 3.69 -0.43
NYISO_LBMP_REFERENCE 24008	50.59 0.00 0.00	47.41 0.00 0.00	39.77 0.00 0.00	31.33 0.00 0.00	37.42 0.00 0.00	37.22 0.00 0.00	44.89 0.00 0.00	52.07 0.00 0.00	55.04 0.00 0.00	55.01 0.00 0.00	50.83 0.00 0.00	61.23 0.00 0.00	77.23 0.00 0.00	72.07 0.00 0.00	77.93 0.00 0.00	86.68 0.00 0.00	79.12 0.00 0.00	83.30 0.00 0.00	65.29 0.00 0.00	85.93 0.00 0.00	87.37 0.00 0.00	90.69 0.00 0.00	86.63 0.00 0.00	60.48 0.00 0.00
NYPA_BRENTWD____GT 24164	30.24 1.08 21.44	32.40 1.02 16.04	41.19 1.42 0.01	32.63 1.29 0.00	38.48 1.08 0.01	38.56 1.34 0.00	26.81 1.28 19.36	30.53 1.17 22.71	37.69 0.91 18.26	42.29 0.80 13.51	43.79 1.69 8.73	44.03 1.97 19.17	45.50 2.75 34.47	45.86 2.51 28.72	46.12 2.88 34.69	71.60 4.15 19.23	76.43 5.24 7.93	88.87 5.58 0.00	68.97 3.70 0.02	85.04 3.04 3.93	69.76 2.16 19.76	56.21 1.27 35.75	63.51 0.68 23.79	43.20 0.56 17.85

OAKDALE___35_KV_LOAD 356122	51.67 1.08 0.00	48.16 0.75 0.00	40.34 0.57 0.00	31.90 0.57 0.00	37.79 0.38 0.00	37.75 0.52 0.00	45.37 0.49 0.00	52.36 0.29 0.00	55.56 0.52 0.00	55.67 0.66 0.00	51.62 0.79 0.00	62.36 1.13 0.00	78.90 1.67 0.00	73.39 1.32 0.00	79.66 1.73 0.00	88.73 2.05 0.00	81.56 2.43 0.00	86.04 2.74 0.00	67.29 2.00 0.00	88.51 2.58 0.00	89.73 2.36 0.00	93.09 2.40 0.00	88.07 1.44 0.00	61.47 0.99 0.00
OCC_CHEM___DRP 24175	52.94 2.34 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.21 -0.12 0.00	36.65 -0.76 0.00	36.83 -0.40 0.00	44.40 -0.49 0.00	51.05 -1.01 0.00	55.22 0.18 0.00	56.60 1.59 0.00	51.86 1.03 0.00	63.17 1.94 0.00	79.62 2.39 0.00	73.54 1.47 0.00	80.16 2.23 0.00	88.70 2.01 0.00	80.30 1.17 0.00	84.66 1.36 0.00	65.41 0.11 0.00	85.99 0.05 0.00	89.00 1.64 0.00	93.95 3.26 0.00	88.51 1.89 0.00	61.98 1.49 0.00
OH_GEN_PROXY 24063	53.14 2.55 0.00	48.77 1.36 0.00	40.00 0.23 0.00	31.40 0.07 0.00	36.89 -0.52 0.00	32.27 -0.17 4.78	50.15 -0.08 -5.34	53.36 -0.46 -1.75	55.68 0.65 0.00	56.98 1.97 0.00	52.28 1.45 0.00	63.59 2.36 0.00	80.27 3.04 0.00	74.22 2.15 0.00	80.83 2.90 0.00	89.51 2.82 0.00	81.15 2.02 0.00	85.55 2.26 0.00	66.17 0.87 0.00	87.02 1.09 0.00	89.88 2.51 0.00	94.50 3.81 0.00	88.78 2.15 0.00	62.08 1.60 0.00
OLIN_CORP_DRP 24177	53.58 2.99 0.00	49.10 1.69 0.00	40.21 0.44 0.00	31.55 0.21 0.00	37.05 -0.37 0.00	37.22 0.00 0.00	45.02 0.13 0.00	51.51 -0.55 0.00	55.47 0.43 0.00	56.83 1.83 0.00	52.06 1.23 0.00	63.40 2.16 0.00	79.92 2.69 0.00	73.88 1.81 0.00	80.56 2.63 0.00	89.15 2.46 0.00	80.80 1.67 0.00	85.20 1.90 0.00	65.88 0.59 0.00	86.64 0.71 0.00	89.71 2.35 0.00	94.47 3.77 0.00	88.71 2.08 0.00	62.37 1.89 0.00
OLIN_CORP_DSASP 323712	52.94 2.35 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.20 -0.13 0.00	36.66 -0.76 0.00	36.83 -0.40 0.00	44.39 -0.49 0.00	51.06 -1.01 0.00	55.23 0.19 0.00	56.61 1.60 0.00	51.83 1.00 0.00	63.14 1.91 0.00	79.63 2.40 0.00	73.55 1.48 0.00	80.15 2.22 0.00	88.69 2.01 0.00	80.31 1.18 0.00	84.65 1.35 0.00	65.41 0.11 0.00	85.99 0.06 0.00	89.01 1.64 0.00	93.97 3.28 0.00	88.53 1.91 0.00	62.00 1.52 0.00
ONEIDA_HERK_LFGE 323681	52.63 2.03 0.00	49.11 1.70 0.00	41.10 1.33 0.00	32.35 1.02 0.00	38.66 1.25 0.00	38.60 1.38 0.00	46.51 1.62 0.00	53.84 1.77 0.00	56.96 1.92 0.00	56.87 1.86 0.00	52.57 1.74 0.00	63.20 1.97 0.00	79.80 2.57 0.00	74.30 2.23 0.00	80.51 2.58 0.00	89.64 2.95 0.00	81.82 2.69 0.00	86.51 3.21 0.00	68.14 2.85 0.00	90.37 4.44 0.00	92.25 4.89 0.00	95.85 5.16 0.00	91.06 4.43 0.00	63.24 2.75 0.00
ONEIDA___115KV_TB4 55905	52.67 2.08 0.00	49.09 1.68 0.00	41.12 1.35 0.00	32.43 1.09 0.00	38.61 1.20 0.00	38.54 1.32 0.00	46.41 1.52 0.00	53.66 1.59 0.00	56.73 1.69 0.00	56.66 1.65 0.00	52.49 1.66 0.00	63.29 2.06 0.00	80.03 2.80 0.00	74.62 2.56 0.00	80.90 2.98 0.00	90.23 3.55 0.00	82.61 3.49 0.00	87.25 3.95 0.00	68.62 3.33 0.00	90.69 4.76 0.00	92.39 5.02 0.00	95.77 5.07 0.00	90.76 4.14 0.00	63.08 2.59 0.00
ONONDAGA_REF_OCCRA 23987	51.49 0.62 -0.28	47.99 0.30 -0.28	39.95 0.18 0.00	31.53 0.20 0.00	37.43 0.02 0.00	37.36 0.13 0.00	45.03 0.10 -0.05	52.52 -0.02 -0.48	55.35 0.13 -0.17	55.41 0.24 -0.16	51.19 0.36 0.00	62.10 0.61 -0.26	78.75 0.95 -0.57	73.09 0.77 -0.25	79.88 1.07 -0.89	88.29 1.29 -0.31	80.63 1.49 -0.02	85.05 1.75 0.00	66.73 1.36 -0.08	89.12 1.82 -1.37	90.63 1.81 -1.46	94.66 1.74 -2.23	89.23 0.99 -1.61	61.34 0.54 -0.31
ONONDAGA___COGEN 23986	52.06 0.56 -0.91	48.56 0.27 -0.89	39.93 0.16 0.00	31.52 0.18 0.00	37.41 -0.01 0.00	37.33 0.11 0.00	45.14 0.09 -0.15	53.61 -0.02 -1.55	55.69 0.09 -0.55	55.74 0.21 -0.53	51.09 0.26 0.00	62.56 0.46 -0.86	79.69 0.59 -1.87	73.23 0.34 -0.82	81.41 0.58 -2.90	88.36 0.68 -1.00	80.05 0.88 -0.05	84.42 1.11 -0.01	66.41 0.87 -0.25	91.64 1.22 -4.49	93.41 1.26 -4.79	99.13 1.16 -7.28	92.39 0.48 -5.29	61.68 0.19 -1.00
ONTARIO___LFGE 23819	53.24 2.65 0.00	49.33 1.92 0.00	40.97 1.20 0.00	32.19 0.86 0.00	38.04 0.63 0.00	38.13 0.90 0.00	46.02 1.07 -0.06	53.49 0.81 -0.61	56.56 1.30 -0.22	56.96 1.75 -0.21	52.49 1.66 0.00	63.92 2.36 -0.34	81.27 3.30 -0.73	75.24 2.86 -0.32	82.54 3.48 -1.13	90.93 4.23 -0.01	83.48 4.35 0.00	87.98 4.68 0.00	68.94 3.55 -0.09	92.53 4.90 -1.70	94.15 4.98 -1.81	98.56 5.12 -2.75	92.43 3.81 -1.99	63.46 2.59 -0.38
ORANGEVILLE_WT_PWR 323706	53.66 3.06 0.00	49.30 1.89 0.00	40.59 0.82 0.00	31.98 0.64 0.00	37.60 0.18 0.00	37.79 0.56 0.00	45.60 0.72 0.00	52.49 0.42 0.00	56.39 1.35 0.00	57.29 2.28 0.00	52.70 1.87 0.00	63.98 2.75 0.00	80.72 3.49 0.00	74.54 2.47 0.00	81.17 3.24 0.00	90.11 3.42 0.00	82.35 3.22 0.00	86.97 3.67 0.00	67.50 2.21 0.00	89.33 3.40 0.00	91.99 4.63 0.00	96.25 5.56 0.00	90.30 3.67 0.00	63.14 2.66 0.00
ORANGEVILLE___ESR 323794	53.66 3.06 0.00	49.30 1.89 0.00	40.59 0.82 0.00	31.98 0.64 0.00	37.60 0.18 0.00	37.79 0.56 0.00	45.60 0.72 0.00	52.49 0.42 0.00	56.39 1.35 0.00	57.29 2.28 0.00	52.70 1.87 0.00	63.98 2.75 0.00	80.72 3.49 0.00	74.54 2.47 0.00	81.17 3.24 0.00	90.11 3.42 0.00	82.35 3.22 0.00	86.97 3.67 0.00	67.50 2.21 0.00	89.33 3.40 0.00	91.99 4.63 0.00	96.25 5.56 0.00	90.30 3.67 0.00	63.14 2.66 0.00
OSWEGATCHIE___HYD 24044	52.45 1.52 -0.33	49.09 1.36 -0.32	40.58 0.81 0.00	31.83 0.50 0.00	38.35 0.93 0.00	38.29 1.07 0.00	46.40 1.46 -0.06	54.46 1.81 -0.58	57.21 1.96 -0.21	56.97 1.77 -0.20	51.97 1.14 0.00	62.34 0.79 -0.33	78.60 0.66 -0.70	72.61 0.23 -0.31	79.37 0.36 -1.10	87.22 0.17 -0.37	78.63 -0.52 -0.02	82.54 -0.76 0.00	65.31 -0.07 -0.09	89.43 1.80 -1.69	91.86 2.69 -1.80	97.13 3.70 -2.74	92.30 3.68 -1.99	63.20 2.33 -0.38
OSWEGO___5 23606	55.40 -0.51 -5.31	51.91 -0.67 -5.17	39.17 -0.62 -0.01	30.89 -0.44 0.00	36.73 -0.69 0.00	36.62 -0.61 0.00	45.05 -0.77 -0.94	60.46 -1.01 -9.40	57.45 -0.95 -3.36	57.37 -0.83 -3.20	50.10 -0.73 0.00	65.71 -0.75 -5.22	87.70 -0.86 -11.32	76.18 -0.88 -4.99	94.72 -0.79 -17.59	91.67 -0.84 -5.83	78.77 -0.64 -0.28	82.80 -0.54 -0.05	66.34 -0.46 -1.51	112.55 -0.59 -27.21	115.81 -0.56 -29.01	134.20 -0.60 -44.11	117.62 -1.02 -32.01	65.77 -0.78 -6.07
OSWEGO___6 23613	55.40 -0.51 -5.31	51.91 -0.67 -5.17	39.17 -0.62 -0.01	30.89 -0.44 0.00	36.73 -0.69 0.00	36.62 -0.61 0.00	45.05 -0.77 -0.94	60.46 -1.01 -9.40	57.45 -0.95 -3.36	57.37 -0.83 -3.20	50.10 -0.73 0.00	65.71 -0.75 -5.22	87.70 -0.86 -11.32	76.18 -0.88 -4.99	94.72 -0.79 -17.59	91.67 -0.84 -5.83	78.77 -0.64 -0.28	82.80 -0.54 -0.05	66.34 -0.46 -1.51	112.55 -0.59 -27.21	115.81 -0.56 -29.01	134.20 -0.60 -44.11	117.62 -1.02 -32.01	65.77 -0.78 -6.07

OUTOKUMPU-AB___DRP 24206	54.24 3.65 0.00	49.66 2.25 0.00	40.67 0.90 0.00	31.92 0.59 0.00	37.50 0.08 0.00	37.70 0.47 0.00	45.53 0.64 0.00	52.41 0.34 0.00	56.63 1.59 0.00	58.04 3.04 0.00	53.25 2.42 0.00	64.87 3.64 0.00	81.83 4.59 0.00	75.35 3.28 0.00	82.07 4.14 0.00	90.89 4.20 0.00	82.59 3.47 0.00	87.11 3.82 0.00	67.41 2.12 0.00	88.61 2.68 0.00	91.66 4.30 0.00	96.42 5.73 0.00	90.71 4.09 0.00	63.48 2.99 0.00
OXBOW___BTM 323836	53.62 3.03 0.00	49.10 1.69 0.00	40.20 0.43 0.00	31.57 0.23 0.00	37.07 -0.35 0.00	37.26 0.03 0.00	44.95 0.07 0.00	51.75 -0.32 0.00	55.95 0.91 0.00	57.37 2.36 0.00	52.57 1.74 0.00	64.06 2.83 0.00	80.82 3.59 0.00	74.30 2.23 0.00	80.95 3.02 0.00	89.62 2.93 0.00	81.32 2.19 0.00	85.75 2.46 0.00	66.30 1.01 0.00	87.19 1.26 0.00	90.21 2.85 0.00	95.05 4.36 0.00	89.66 3.03 0.00	62.81 2.32 0.00
OXBOW___ 24026	53.63 3.04 0.00	49.10 1.69 0.00	40.20 0.43 0.00	31.57 0.23 0.00	37.07 -0.35 0.00	37.26 0.03 0.00	44.96 0.07 0.00	51.75 -0.32 0.00	55.95 0.91 0.00	57.36 2.35 0.00	52.60 1.77 0.00	64.10 2.87 0.00	80.82 3.58 0.00	74.29 2.23 0.00	80.96 3.03 0.00	89.63 2.94 0.00	81.30 2.18 0.00	85.75 2.46 0.00	66.30 1.01 0.00	87.14 1.21 0.00	90.18 2.82 0.00	95.04 4.35 0.00	89.64 3.02 0.00	62.79 2.31 0.00
OXY_CHEM_DSASP 323612	52.94 2.34 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.21 -0.12 0.00	36.65 -0.76 0.00	36.83 -0.40 0.00	44.40 -0.49 0.00	51.05 -1.01 0.00	55.22 0.18 0.00	56.60 1.59 0.00	51.86 1.03 0.00	63.17 1.94 0.00	79.62 2.39 0.00	73.54 1.47 0.00	80.16 2.23 0.00	88.70 2.01 0.00	80.30 1.17 0.00	84.66 1.36 0.00	65.41 0.11 0.00	85.99 0.05 0.00	89.00 1.64 0.00	93.95 3.26 0.00	88.51 1.89 0.00	61.98 1.49 0.00
OZONE_PARK_ESR 323760	53.23 2.33 -0.31	50.08 2.30 -0.37	42.10 2.33 0.00	33.30 1.97 0.00	39.39 1.97 0.00	39.25 2.03 0.00	47.50 2.61 0.00	55.16 2.60 -0.50	58.03 2.39 -0.60	57.72 2.25 -0.47	54.32 2.79 -0.71	67.44 3.25 -2.95	82.91 4.43 -1.25	77.21 4.24 -0.90	83.88 4.76 -1.19	93.40 6.11 -0.61	85.84 6.62 -0.10	90.48 7.19 0.00	70.49 5.19 0.00	91.06 5.13 0.00	91.64 4.27 0.00	94.18 3.49 0.00	89.43 2.80 0.00	62.70 2.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	52.94 2.34 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.21 -0.12 0.00	36.65 -0.76 0.00	36.83 -0.40 0.00	44.40 -0.49 0.00	51.05 -1.01 0.00	55.22 0.18 0.00	56.60 1.59 0.00	51.86 1.03 0.00	63.17 1.94 0.00	79.62 2.39 0.00	73.54 1.47 0.00	80.16 2.23 0.00	88.70 2.01 0.00	80.30 1.17 0.00	84.66 1.36 0.00	65.41 0.11 0.00	85.99 0.05 0.00	89.00 1.64 0.00	93.95 3.26 0.00	88.51 1.89 0.00	61.98 1.49 0.00
PACKARD__115KV_DUPONT_184 80571	52.94 2.34 0.00	48.52 1.10 0.00	39.73 -0.04 0.00	31.21 -0.12 0.00	36.65 -0.76 0.00	36.83 -0.40 0.00	44.40 -0.49 0.00	51.05 -1.01 0.00	55.22 0.18 0.00	56.60 1.59 0.00	51.86 1.03 0.00	63.17 1.94 0.00	79.62 2.39 0.00	73.54 1.47 0.00	80.16 2.23 0.00	88.70 2.01 0.00	80.30 1.17 0.00	84.66 1.36 0.00	65.41 0.11 0.00	85.99 0.05 0.00	89.00 1.64 0.00	93.95 3.26 0.00	88.51 1.89 0.00	61.98 1.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.67 1.77 -0.31	49.62 1.84 -0.37	41.74 1.97 0.00	33.01 1.68 0.00	39.12 1.70 0.00	38.97 1.74 0.00	47.11 2.23 0.00	54.25 2.18 0.00	56.96 1.92 0.00	56.74 1.73 0.00	53.59 2.30 -0.46	66.20 2.54 -2.43	80.96 3.63 -0.10	75.54 3.48 0.00	81.86 3.93 0.00	91.89 5.21 0.00	84.81 5.68 0.00	89.47 6.17 0.00	69.66 4.37 0.00	90.09 4.15 0.00	90.62 3.26 0.00	93.12 2.43 0.00	88.47 1.84 0.00	61.96 1.48 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	54.48 3.58 -0.31	51.41 3.63 -0.37	43.15 3.37 0.00	34.13 2.80 0.00	40.48 3.07 0.00	40.36 3.14 0.00	48.85 3.96 0.00	56.21 4.14 0.00	59.02 3.98 0.00	58.71 3.71 0.00	55.36 4.07 -0.46	68.22 4.56 -2.43	83.47 6.14 -0.10	77.96 5.89 0.00	84.49 6.56 0.00	94.81 8.12 0.00	87.41 8.29 0.00	92.17 8.87 0.00	71.83 6.54 0.00	92.97 7.03 0.00	93.62 6.26 0.00	96.34 5.65 0.00	91.52 4.89 0.00	64.03 3.54 0.00
PATROON__115KV_TB1 80586	50.30 -0.05 0.25	47.15 0.03 0.29	40.16 0.39 0.00	31.77 0.44 0.00	37.74 0.32 0.00	37.57 0.34 0.00	45.12 0.23 0.00	52.11 0.05 0.00	54.88 -0.16 0.00	54.56 -0.44 0.00	50.27 -0.19 0.37	58.99 -0.30 1.94	76.98 -0.17 0.08	72.10 0.03 0.00	78.31 0.39 0.00	87.43 0.75 0.00	80.19 1.07 0.00	84.73 1.44 0.00	66.57 1.28 0.00	86.90 0.97 0.00	87.99 0.62 0.00	90.78 0.08 0.00	86.41 -0.22 0.00	60.47 -0.02 0.00
PATTRSNVILLE___SOLAR 323815	52.09 1.70 0.20	48.75 1.57 0.24	41.27 1.50 0.00	32.56 1.23 0.00	38.73 1.32 0.00	38.55 1.33 0.00	46.36 1.47 0.00	53.40 1.33 0.00	56.07 1.03 0.00	55.71 0.70 0.00	51.15 0.62 0.30	60.30 0.64 1.57	77.97 0.80 0.07	73.00 0.93 0.00	79.17 1.25 0.00	88.66 1.98 0.00	81.24 2.12 0.00	86.07 2.77 0.00	67.71 2.42 0.00	89.37 3.43 0.00	91.08 3.72 0.00	94.21 3.52 0.00	89.65 3.02 0.00	62.62 2.13 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	54.07 3.48 0.00	49.58 2.17 0.00	40.70 0.92 0.00	32.00 0.67 0.00	37.59 0.18 0.00	37.76 0.54 0.00	45.68 0.80 0.00	52.81 0.74 0.00	56.94 1.90 0.00	58.24 3.23 0.00	53.56 2.73 0.00	65.16 3.93 0.00	82.25 5.02 0.00	76.12 4.05 0.00	82.92 4.99 0.00	91.93 5.25 0.00	83.91 4.78 0.00	88.62 5.32 0.00	68.59 3.29 0.00	90.17 4.24 0.00	92.95 5.59 0.00	97.02 6.32 0.00	90.96 4.33 0.00	63.49 3.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.96 2.10 -0.27	49.74 2.00 -0.32	41.81 2.04 0.00	33.06 1.73 0.00	39.13 1.72 0.00	38.99 1.77 0.00	47.10 2.21 0.00	54.29 2.22 0.00	57.17 2.13 0.00	56.94 1.93 0.00	53.64 2.41 -0.41	66.28 2.91 -2.14	81.40 4.08 -0.09	76.07 4.00 0.00	82.58 4.65 0.00	92.71 6.03 0.00	85.54 6.42 0.00	90.28 6.98 0.00	70.41 5.12 0.00	91.26 5.32 0.00	91.87 4.50 0.00	94.45 3.76 0.00	89.59 2.96 0.00	62.58 2.10 0.00
PEEKSKILL___ 23653	52.39 1.50 -0.30	49.26 1.49 -0.36	41.41 1.64 0.00	32.76 1.42 0.00	38.76 1.34 0.00	38.60 1.37 0.00	46.63 1.75 0.00	54.12 1.61 -0.45	56.99 1.41 -0.53	56.64 1.21 -0.42	53.28 1.78 -0.67	66.22 2.14 -2.85	81.38 3.03 -1.12	75.75 2.88 -0.81	82.24 3.26 -1.07	91.64 4.41 -0.54	84.16 4.95 -0.09	88.78 5.48 0.00	69.22 3.93 0.00	89.60 3.66 0.00	90.22 2.86 0.00	92.79 2.10 0.00	88.19 1.56 0.00	61.72 1.23 0.00
PGE MADISON___WINDPWR 24146	55.32 4.73 0.00	51.48 4.07 0.00	42.94 3.17 0.00	33.90 2.56 0.00	40.39 2.97 0.00	40.51 3.29 0.00	48.72 3.83 0.00	56.41 4.35 0.00	59.77 4.72 0.00	59.52 4.51 0.00	55.04 4.21 0.00	66.59 5.36 0.00	84.38 7.15 0.00	78.63 6.57 0.00	85.67 7.74 0.00	95.26 8.58 0.00	87.40 8.27 0.00	92.98 9.69 0.00	73.26 7.96 0.00	97.15 11.21 0.00	98.81 11.45 0.00	102.16 11.47 0.00	95.71 9.08 0.00	66.11 5.62 0.00

PIERCEFIELD___HYD 23852	51.22 0.63 0.00	48.16 0.75 0.00	40.01 0.23 0.00	31.29 -0.04 0.00	37.87 0.45 0.00	37.74 0.51 0.00	45.88 0.99 0.00	53.51 1.45 0.00	56.61 1.57 0.00	56.26 1.25 0.00	51.26 0.43 0.00	60.98 -0.25 0.00	76.35 -0.89 0.00	70.95 -1.12 0.00	76.70 -1.23 0.00	84.93 -1.75 0.00	76.52 -2.61 0.00	79.73 -3.57 0.00	62.99 -2.30 0.00	84.91 -1.02 0.00	87.09 -0.28 0.00	91.64 0.95 0.00	88.35 1.72 0.00	61.76 1.27 0.00
PINELAWN_CC_1 323563	32.57 1.05 19.07	34.20 1.03 14.25	41.16 1.39 0.01	32.58 1.25 0.00	38.45 1.04 0.01	38.50 1.28 0.00	28.90 1.27 17.26	32.74 1.22 20.54	39.38 1.00 16.65	43.49 0.84 12.35	44.60 1.67 7.90	45.89 1.89 17.23	48.45 2.68 31.46	48.44 2.56 26.19	49.14 2.84 31.63	73.37 4.13 17.45	77.19 5.11 7.04	88.87 5.57 0.00	69.18 3.89 0.00	86.90 3.40 2.43	72.48 2.62 17.50	60.11 1.72 32.30	66.12 0.86 21.37	45.19 0.71 16.00
PJM_GEN_HTTP_PROXY 323702	52.61 1.71 -0.31	50.12 1.74 -0.97	41.20 1.88 0.46	32.96 1.63 0.00	38.98 1.56 0.00	33.57 1.62 5.27	46.89 2.09 0.09	56.15 1.99 -2.10	57.42 1.75 -0.63	58.65 1.59 -2.05	54.12 2.21 -1.09	66.90 2.53 -3.14	82.02 3.49 -1.31	76.36 3.35 -0.95	82.94 3.76 -1.26	92.31 4.99 -0.64	84.08 5.57 0.62	89.35 6.06 0.00	69.62 4.33 0.00	89.94 4.01 0.00	90.50 3.14 0.00	93.02 2.32 0.00	88.35 1.73 0.00	61.85 1.37 0.00
PJM_GEN_KEystone 24065	52.30 1.54 -0.16	49.34 1.13 -0.80	40.19 0.88 0.46	32.13 0.80 0.00	37.89 0.48 0.00	32.59 0.64 5.27	45.68 0.89 0.09	54.13 0.57 -1.49	55.68 0.78 0.13	57.36 1.10 -1.26	52.69 1.30 -0.56	64.37 1.69 -1.45	83.87 2.41 -4.23	72.44 1.92 1.55	80.08 2.16 0.00	89.43 2.74 0.00	81.56 3.16 0.72	86.83 3.53 0.00	67.50 2.21 0.00	88.01 2.08 0.00	89.39 2.03 0.00	92.73 2.03 0.00	87.79 1.17 0.00	65.11 0.97 -3.66
PJM_GEN_NEPTUNE_PROXY 323594	27.35 0.59 23.83	30.79 0.63 17.24	40.38 1.07 0.46	32.32 0.98 0.00	38.17 0.76 0.01	32.88 0.93 5.28	24.22 0.93 21.59	27.91 0.81 24.97	33.86 0.59 21.77	40.81 0.45 14.64	42.08 1.23 9.98	40.03 1.43 22.63	38.15 2.06 41.14	39.83 1.90 34.13	38.59 2.22 41.56	67.01 3.28 22.95	73.46 4.21 9.88	87.91 4.62 0.01	68.38 3.14 0.04	88.48 2.55 0.01	68.92 1.90 20.35	52.47 1.03 39.25	60.61 0.24 26.25	41.06 0.29 19.72
PJM_GEN_VFT_PROXY 323633	52.28 1.38 -0.31	49.88 1.50 -0.97	41.03 1.72 0.46	32.82 1.49 0.00	38.82 1.41 0.00	33.39 1.44 5.27	46.67 1.88 0.09	54.63 1.69 -0.87	55.00 1.36 1.40	53.88 1.20 2.32	53.13 1.89 -0.41	66.41 2.12 -3.06	81.34 2.98 -1.13	75.72 2.85 -0.81	82.19 3.20 -1.07	91.60 4.37 -0.54	83.54 5.04 0.63	88.81 5.51 0.00	69.16 3.87 0.00	89.32 3.39 0.00	89.84 2.48 0.00	92.34 1.65 0.00	87.75 1.12 0.00	61.48 1.00 0.00
PLATSBURG_115KV_PMLD1 355749	50.35 -0.24 0.00	47.37 -0.04 0.00	39.32 -0.45 0.00	30.73 -0.60 0.00	37.06 -0.36 0.00	36.96 -0.26 0.00	44.86 -0.03 0.00	52.21 0.14 0.00	55.31 0.27 0.00	55.34 0.34 0.00	50.60 -0.23 0.00	60.81 -0.42 0.00	76.47 -0.76 0.00	71.50 -0.57 0.00	77.32 -0.61 0.00	85.57 -1.11 0.00	77.29 -1.83 0.00	81.07 -2.23 0.00	63.63 -1.66 0.00	84.60 -1.34 0.00	86.49 -0.87 0.00	90.50 -0.19 0.00	86.88 0.25 0.00	60.48 0.00 0.00
PLEASANTVLY___LBMP 24000	51.96 1.02 -0.35	48.88 1.06 -0.41	41.08 1.31 0.00	32.51 1.18 0.00	38.49 1.08 0.00	38.33 1.11 0.00	46.24 1.35 0.00	53.23 1.17 0.00	56.00 0.96 0.00	55.72 0.72 0.00	52.55 1.21 -0.51	65.36 1.41 -2.72	79.42 2.08 -0.11	74.10 2.04 0.00	80.34 2.42 0.00	90.11 3.43 0.00	83.06 3.93 0.00	87.67 4.37 0.00	68.49 3.20 0.00	88.78 2.84 0.00	89.48 2.12 0.00	92.09 1.40 0.00	87.55 0.92 0.00	61.29 0.80 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.46 1.56 -0.31	49.37 1.59 -0.37	41.50 1.73 0.00	32.83 1.50 0.00	38.86 1.44 0.00	38.71 1.49 0.00	46.77 1.89 0.00	54.31 1.79 -0.45	57.18 1.60 -0.53	56.83 1.41 -0.42	53.47 1.95 -0.68	66.47 2.32 -2.92	81.56 3.20 -1.13	75.95 3.08 -0.81	82.54 3.55 -1.07	91.98 4.75 -0.54	84.46 5.25 -0.09	89.06 5.76 0.00	69.49 4.19 0.00	89.94 4.01 0.00	90.52 3.15 0.00	93.05 2.36 0.00	88.36 1.74 0.00	61.83 1.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.46 1.56 -0.31	49.37 1.59 -0.37	41.50 1.73 0.00	32.83 1.50 0.00	38.86 1.44 0.00	38.71 1.49 0.00	46.77 1.89 0.00	54.31 1.79 -0.45	57.18 1.60 -0.53	56.83 1.41 -0.42	53.47 1.95 -0.68	66.47 2.32 -2.92	81.56 3.20 -1.13	75.95 3.08 -0.81	82.54 3.55 -1.07	91.98 4.75 -0.54	84.46 5.25 -0.09	89.06 5.76 0.00	69.49 4.19 0.00	89.94 4.01 0.00	90.52 3.15 0.00	93.05 2.36 0.00	88.36 1.74 0.00	61.83 1.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.31 1.72 0.00	49.07 1.66 0.00	41.54 1.77 0.00	32.85 1.52 0.00	38.90 1.48 0.00	38.75 1.53 0.00	46.76 1.87 0.00	53.90 1.83 0.00	56.76 1.72 0.00	56.58 1.57 0.00	52.84 2.01 0.00	63.62 2.39 0.00	80.64 3.40 0.00	75.41 3.35 0.00	81.77 3.84 0.00	91.82 5.14 0.00	84.72 5.59 0.00	89.44 6.14 0.00	69.84 4.55 0.00	90.60 4.67 0.00	91.25 3.89 0.00	93.83 3.13 0.00	89.03 2.41 0.00	62.24 1.76 0.00
POLETTI____ 23519	52.52 1.62 -0.31	49.44 1.67 -0.37	41.61 1.84 0.00	32.92 1.59 0.00	38.95 1.53 0.00	38.80 1.58 0.00	46.93 2.04 0.00	54.45 1.91 -0.48	57.25 1.64 -0.57	56.94 1.49 -0.45	53.62 2.09 -0.70	66.55 2.39 -2.93	81.72 3.28 -1.20	76.11 3.18 -0.87	82.66 3.59 -1.15	92.09 4.82 -0.58	84.67 5.45 -0.09	89.24 5.94 0.00	69.53 4.23 0.00	89.81 3.87 0.00	90.35 2.99 0.00	92.84 2.15 0.00	88.18 1.56 0.00	61.76 1.27 0.00
POMONA___ESR 323819	52.51 1.63 -0.29	49.32 1.57 -0.34	41.48 1.71 0.00	32.81 1.47 0.00	38.80 1.38 0.00	38.63 1.41 0.00	46.72 1.83 0.00	54.14 1.70 -0.38	56.99 1.51 -0.45	56.68 1.33 -0.35	53.36 1.91 -0.61	66.25 2.36 -2.66	81.53 3.35 -0.95	75.91 3.17 -0.67	82.37 3.55 -0.89	91.90 4.77 -0.45	84.48 5.28 -0.07	89.10 5.80 0.00	69.47 4.18 0.00	89.92 3.99 0.00	90.53 3.17 0.00	93.11 2.41 0.00	88.50 1.87 0.00	61.95 1.46 0.00
PORT_JEFF_3 23555	29.39 0.70 21.90	31.61 0.59 16.39	40.78 1.01 0.01	32.32 0.99 0.00	38.09 0.68 0.01	38.18 0.96 0.00	25.97 0.87 19.78	29.58 0.79 23.28	36.72 0.41 18.74	41.41 0.27 13.87	43.17 1.29 8.96	43.08 1.54 19.69	44.05 2.19 35.37	44.65 2.05 29.46	44.70 2.38 35.61	70.22 3.28 19.74	75.25 4.26 8.14	87.78 4.49 0.00	68.18 2.91 0.03	84.78 2.03 3.19	68.43 0.94 19.88	54.33 0.08 36.44	61.78 -0.57 24.27	42.08 -0.19 18.21
PORT_JEFF_4 23616	29.39 0.70 21.90	31.61 0.59 16.39	40.78 1.01 0.01	32.32 0.99 0.00	38.09 0.68 0.01	38.18 0.96 0.00	25.97 0.87 19.78	29.58 0.79 23.28	36.72 0.41 18.74	41.41 0.27 13.87	43.17 1.29 8.96	43.08 1.54 19.69	44.05 2.19 35.37	44.65 2.05 29.46	44.70 2.38 35.61	70.22 3.28 19.74	75.25 4.26 8.14	87.78 4.49 0.00	68.18 2.91 0.03	84.78 2.03 3.19	68.43 0.94 19.88	54.33 0.08 36.44	61.78 -0.57 24.27	42.08 -0.19 18.21

PORT_JEFF_IC 23713	29.57 0.79 21.81	31.75 0.66 16.32	40.82 1.06 0.01	32.36 1.02 0.00	38.13 0.72 0.01	38.23 1.01 0.00	26.13 0.94 19.70	29.75 0.87 23.18	36.87 0.50 18.67	41.61 0.42 13.82	43.29 1.39 8.92	43.23 1.61 19.61	44.38 2.38 35.24	44.96 2.24 29.35	45.07 2.62 35.48	70.67 3.65 19.67	75.67 4.65 8.10	88.12 4.82 0.00	68.37 3.11 0.03	84.07 2.24 4.10	68.25 0.98 20.10	54.56 0.17 36.30	62.18 -0.27 24.18	42.33 -0.02 18.14
PPL PILGRIM_ST_GT1 24216	30.24 1.08 21.44	32.40 1.02 16.04	41.19 1.42 0.01	32.63 1.29 0.00	38.48 1.08 0.01	38.56 1.34 0.00	26.81 1.28 19.36	30.53 1.17 22.71	37.69 0.91 18.26	42.29 0.80 13.51	43.79 1.69 8.73	44.03 1.97 19.17	45.50 2.75 34.47	45.86 2.51 28.72	46.12 2.88 34.69	71.60 4.15 19.23	76.43 5.24 7.93	88.87 5.58 0.00	68.97 3.70 0.02	85.04 3.04 3.93	69.76 2.16 19.76	56.21 1.27 35.75	63.51 0.68 23.79	43.20 0.56 17.85
PPL PILGRIM_ST_GT2 24217	30.24 1.08 21.44	32.40 1.02 16.04	41.19 1.42 0.01	32.63 1.29 0.00	38.48 1.08 0.01	38.56 1.34 0.00	26.81 1.28 19.36	30.53 1.17 22.71	37.69 0.91 18.26	42.29 0.80 13.51	43.79 1.69 8.73	44.03 1.97 19.17	45.50 2.75 34.47	45.86 2.51 28.72	46.12 2.88 34.69	71.60 4.15 19.23	76.43 5.24 7.93	88.87 5.58 0.00	68.97 3.70 0.02	85.04 3.04 3.93	69.76 2.16 19.76	56.21 1.27 35.75	63.51 0.68 23.79	43.20 0.56 17.85
PPL_SHRM_GT3 24213	29.31 0.58 21.86	31.35 0.29 16.36	40.48 0.71 0.01	32.10 0.77 0.00	37.80 0.38 0.01	37.90 0.67 0.00	25.74 0.60 19.74	29.58 0.74 23.23	36.75 0.41 18.70	41.54 0.38 13.85	42.92 1.03 8.94	42.76 1.19 19.65	43.68 1.75 35.31	44.33 1.67 29.41	44.34 1.96 35.54	70.06 3.08 19.71	75.34 4.33 8.12	88.11 4.82 0.00	68.50 3.23 0.03	84.98 2.43 3.39	68.82 1.37 19.91	54.67 0.35 36.37	61.91 -0.48 24.23	42.00 -0.30 18.18
PPL_SHRM_GT4 24214	29.31 0.58 21.86	31.35 0.29 16.36	40.48 0.71 0.01	32.10 0.77 0.00	37.80 0.38 0.01	37.90 0.67 0.00	25.74 0.60 19.74	29.58 0.74 23.23	36.75 0.41 18.70	41.54 0.38 13.85	42.92 1.03 8.94	42.76 1.19 19.65	43.68 1.75 35.31	44.33 1.67 29.41	44.34 1.96 35.54	70.06 3.08 19.71	75.34 4.33 8.12	88.11 4.82 0.00	68.50 3.23 0.03	84.98 2.43 3.39	68.82 1.37 19.91	54.67 0.35 36.37	61.91 -0.48 24.23	42.00 -0.30 18.18
PROJECT___ORANGE 1 24174	51.10 0.29 -0.22	47.63 0.00 -0.22	39.69 -0.08 0.00	31.32 -0.01 0.00	37.18 -0.23 0.00	37.10 -0.12 0.00	44.75 -0.17 -0.04	52.10 -0.34 -0.37	55.00 -0.18 -0.13	55.12 -0.01 -0.13	50.95 0.12 0.00	61.78 0.34 -0.21	78.30 0.62 -0.45	72.74 0.48 -0.20	79.34 0.72 -0.70	87.80 0.87 -0.24	80.20 1.06 -0.01	84.57 1.27 0.00	66.29 0.94 -0.06	88.21 1.20 -1.08	89.68 1.17 -1.15	93.56 1.12 -1.74	88.31 0.42 -1.27	60.89 0.16 -0.24
PROJECT___ORANGE 2 24166	51.10 0.29 -0.22	47.63 0.00 -0.22	39.69 -0.08 0.00	31.32 -0.01 0.00	37.18 -0.23 0.00	37.10 -0.12 0.00	44.75 -0.17 -0.04	52.10 -0.34 -0.37	55.00 -0.18 -0.13	55.12 -0.01 -0.13	50.95 0.12 0.00	61.78 0.34 -0.21	78.30 0.62 -0.45	72.74 0.48 -0.20	79.34 0.72 -0.70	87.80 0.87 -0.24	80.20 1.06 -0.01	84.57 1.27 0.00	66.29 0.94 -0.06	88.21 1.20 -1.08	89.68 1.17 -1.15	93.56 1.12 -1.74	88.31 0.42 -1.27	60.89 0.16 -0.24
PUCKETT___SOLAR 323809	52.53 1.94 0.00	48.96 1.55 0.00	40.98 1.21 0.00	32.40 1.06 0.00	38.42 1.01 0.00	38.41 1.18 0.00	46.13 1.24 0.00	53.24 1.17 0.00	56.36 1.32 0.00	56.28 1.28 0.00	52.06 1.23 0.00	62.86 1.63 0.00	79.50 2.27 0.00	74.23 2.17 0.00	80.48 2.56 0.00	89.60 2.91 0.00	82.36 3.23 0.00	87.30 4.00 0.00	68.49 3.20 0.00	90.48 4.54 0.00	91.84 4.48 0.00	95.18 4.49 0.00	89.70 3.08 0.00	62.40 1.92 0.00
PYRITES___HYD 24023	52.20 1.61 0.00	49.07 1.65 0.00	40.70 0.93 0.00	31.83 0.49 0.00	38.54 1.13 0.00	38.45 1.23 0.00	46.73 1.84 0.00	54.40 2.34 0.00	57.39 2.35 0.00	56.78 1.77 0.00	51.59 0.76 0.00	61.58 0.35 0.00	77.02 -0.21 0.00	71.84 -0.23 0.00	77.57 -0.36 0.00	85.93 -0.76 0.00	77.25 -1.88 0.00	80.52 -2.78 0.00	63.85 -1.44 0.00	87.12 1.19 0.00	89.45 2.09 0.00	94.13 3.43 0.00	90.59 3.96 0.00	63.11 2.63 0.00
QUAKERRD_115KV_BK1 80622	51.78 1.19 0.00	47.87 0.46 0.00	39.68 -0.09 0.00	31.19 -0.14 0.00	36.88 -0.54 0.00	36.91 -0.31 0.00	44.64 -0.25 0.00	51.62 -0.45 0.00	55.23 0.19 0.00	55.94 0.94 0.00	51.68 0.85 0.00	62.75 1.52 0.00	79.30 2.07 0.00	73.74 1.67 0.00	80.08 2.16 0.00	88.96 2.28 0.00	80.95 1.83 0.00	85.44 2.14 0.00	66.61 1.32 0.00	87.62 1.69 0.00	89.67 2.31 0.00	93.49 2.80 0.00	88.17 1.54 0.00	61.39 0.91 0.00
QUENSBRY_115KV_TB8 356137	52.60 2.28 0.27	49.18 2.09 0.32	41.83 2.06 0.00	33.05 1.72 0.00	39.27 1.86 0.00	39.19 1.97 0.00	47.02 2.13 0.00	54.25 2.18 0.00	57.02 1.99 0.00	56.45 1.45 0.00	51.77 1.34 0.40	60.39 1.26 2.10	78.99 1.85 0.09	74.03 1.97 0.00	80.62 2.70 0.00	90.88 4.19 0.00	83.03 3.90 0.00	87.94 4.64 0.00	69.90 4.60 0.00	91.71 5.78 0.00	93.25 5.88 0.00	96.51 5.82 0.00	91.84 5.21 0.00	64.01 3.52 0.00
RAMAPO___LBMP 323565	52.25 1.38 -0.28	49.09 1.35 -0.34	41.30 1.53 0.00	32.66 1.33 0.00	38.64 1.22 0.00	38.46 1.24 0.00	46.50 1.61 0.00	53.88 1.45 -0.36	56.69 1.22 -0.43	56.38 1.03 -0.34	53.03 1.60 -0.60	65.78 1.94 -2.61	80.95 2.81 -0.91	75.35 2.64 -0.65	81.72 2.94 -0.85	91.17 4.05 -0.43	83.83 4.63 -0.07	88.44 5.14 0.00	68.96 3.67 0.00	89.29 3.35 0.00	89.95 2.59 0.00	92.56 1.87 0.00	88.01 1.38 0.00	61.64 1.15 0.00
RANKINE____ 23646	54.32 3.73 0.00	49.79 2.38 0.00	40.84 1.07 0.00	32.09 0.76 0.00	37.68 0.27 0.00	37.89 0.67 0.00	45.82 0.93 0.00	52.92 0.85 0.00	57.10 2.06 0.00	58.44 3.44 0.00	53.72 2.89 0.00	65.36 4.13 0.00	82.47 5.23 0.00	76.27 4.20 0.00	83.14 5.22 0.00	92.12 5.43 0.00	83.91 4.79 0.00	88.54 5.25 0.00	68.54 3.25 0.00	90.18 4.25 0.00	93.08 5.71 0.00	97.40 6.71 0.00	91.32 4.70 0.00	63.80 3.31 0.00
RAVENSWOOD_GT2_1 24244	52.65 1.75 -0.31	49.56 1.78 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.52	57.46 1.80 -0.62	57.13 1.63 -0.48	53.77 2.23 -0.72	66.75 2.55 -2.97	82.03 3.51 -1.29	76.39 3.38 -0.94	82.98 3.82 -1.24	92.37 5.05 -0.63	84.84 5.61 -0.10	89.41 6.11 0.00	69.67 4.37 0.00	90.01 4.08 0.00	90.56 3.20 0.00	93.07 2.38 0.00	88.39 1.76 0.00	61.91 1.43 0.00
RAVENSWOOD_GT2_2 24245	52.65 1.75 -0.31	49.56 1.78 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.52	57.46 1.80 -0.62	57.13 1.63 -0.48	53.77 2.23 -0.72	66.75 2.55 -2.97	82.03 3.51 -1.29	76.39 3.38 -0.94	82.98 3.82 -1.24	92.37 5.05 -0.63	84.84 5.61 -0.10	89.41 6.11 0.00	69.67 4.37 0.00	90.01 4.08 0.00	90.56 3.20 0.00	93.07 2.38 0.00	88.39 1.76 0.00	61.91 1.43 0.00

RAVENSWOOD_GT2_3 24246	52.69 1.79 -0.31	49.59 1.82 -0.37	41.72 1.95 0.00	33.01 1.67 0.00	39.05 1.64 0.00	38.91 1.68 0.00	47.04 2.15 0.00	54.67 2.08 -0.52	57.50 1.84 -0.62	57.17 1.68 -0.48	53.82 2.27 -0.72	66.81 2.61 -2.97	82.10 3.58 -1.29	76.45 3.45 -0.94	83.05 3.88 -1.24	92.43 5.11 -0.63	84.90 5.67 -0.10	89.49 6.19 0.00	69.71 4.41 0.00	90.07 4.14 0.00	90.62 3.26 0.00	93.14 2.45 0.00	88.45 1.82 0.00	61.95 1.47 0.00
RAVENSWOOD_GT2_4 24247	52.69 1.79 -0.31	49.59 1.82 -0.37	41.72 1.95 0.00	33.01 1.67 0.00	39.05 1.64 0.00	38.91 1.68 0.00	47.04 2.15 0.00	54.67 2.08 -0.52	57.50 1.84 -0.62	57.17 1.68 -0.48	53.82 2.27 -0.72	66.81 2.61 -2.97	82.10 3.58 -1.29	76.45 3.45 -0.94	83.05 3.88 -1.24	92.43 5.11 -0.63	84.90 5.67 -0.10	89.49 6.19 0.00	69.71 4.41 0.00	90.07 4.14 0.00	90.62 3.26 0.00	93.14 2.45 0.00	88.45 1.82 0.00	61.95 1.47 0.00
RAVENSWOOD_GT3_1 24248	52.65 1.75 -0.31	49.56 1.78 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.52	57.46 1.80 -0.62	57.13 1.64 -0.48	53.77 2.23 -0.72	66.75 2.55 -2.97	82.04 3.52 -1.29	76.39 3.39 -0.94	82.99 3.83 -1.24	92.38 5.06 -0.63	84.85 5.62 -0.10	89.41 6.11 0.00	69.67 4.37 0.00	90.02 4.08 0.00	90.56 3.20 0.00	93.07 2.38 0.00	88.39 1.76 0.00	61.91 1.43 0.00
RAVENSWOOD_GT3_2 24249	52.65 1.75 -0.31	49.56 1.78 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.52	57.46 1.80 -0.62	57.13 1.64 -0.48	53.77 2.23 -0.72	66.75 2.55 -2.97	82.04 3.52 -1.29	76.39 3.39 -0.94	82.99 3.83 -1.24	92.38 5.06 -0.63	84.85 5.62 -0.10	89.41 6.11 0.00	69.67 4.37 0.00	90.02 4.08 0.00	90.56 3.20 0.00	93.07 2.38 0.00	88.39 1.76 0.00	61.91 1.43 0.00
RAVENSWOOD_GT3_3 24250	52.77 1.86 -0.31	49.66 1.88 -0.37	41.77 2.00 0.00	33.05 1.71 0.00	39.10 1.68 0.00	38.95 1.73 0.00	47.12 2.23 0.00	54.75 2.16 -0.52	57.59 1.93 -0.62	57.28 1.79 -0.48	53.91 2.37 -0.72	66.92 2.71 -2.97	82.24 3.72 -1.29	76.59 3.59 -0.94	83.20 4.04 -1.24	92.60 5.29 -0.63	85.06 5.83 -0.10	89.66 6.36 0.00	69.83 4.54 0.00	90.23 4.30 0.00	90.79 3.43 0.00	93.30 2.61 0.00	88.61 1.99 0.00	62.04 1.55 0.00
RAVENSWOOD_GT3_4 24251	52.77 1.86 -0.31	49.66 1.88 -0.37	41.77 2.00 0.00	33.05 1.71 0.00	39.10 1.68 0.00	38.95 1.73 0.00	47.12 2.23 0.00	54.75 2.16 -0.52	57.59 1.93 -0.62	57.28 1.79 -0.48	53.91 2.37 -0.72	66.92 2.71 -2.97	82.24 3.72 -1.29	76.59 3.59 -0.94	83.20 4.04 -1.24	92.60 5.29 -0.63	85.06 5.83 -0.10	89.66 6.36 0.00	69.83 4.54 0.00	90.23 4.30 0.00	90.79 3.43 0.00	93.30 2.61 0.00	88.61 1.99 0.00	62.04 1.55 0.00
RAVENSWOOD_GT_1 23729	52.66 1.77 -0.31	49.63 1.86 -0.37	41.78 2.01 0.00	33.04 1.71 0.00	39.11 1.70 0.00	38.97 1.75 0.00	47.13 2.24 0.00	54.72 2.18 -0.47	57.51 1.91 -0.56	57.19 1.74 -0.44	53.86 2.33 -0.69	66.72 2.57 -2.92	81.90 3.49 -1.18	76.28 3.37 -0.85	82.84 3.80 -1.12	92.29 5.03 -0.57	84.82 5.60 -0.09	89.37 6.08 0.00	69.62 4.32 0.00	89.88 3.95 0.00	90.39 3.02 0.00	92.84 2.14 0.00	88.18 1.55 0.00	61.78 1.29 0.00
RAVENSWOOD_GT_10 24258	52.66 1.76 -0.31	49.57 1.79 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.51	57.45 1.80 -0.61	57.13 1.64 -0.48	53.77 2.23 -0.71	66.75 2.55 -2.97	82.04 3.53 -1.28	76.40 3.40 -0.93	82.98 3.83 -1.22	92.38 5.07 -0.62	84.85 5.63 -0.10	89.43 6.13 0.00	69.69 4.39 0.00	90.03 4.09 0.00	90.59 3.23 0.00	93.11 2.42 0.00	88.44 1.81 0.00	61.92 1.43 0.00
RAVENSWOOD_GT_11 24259	52.66 1.76 -0.31	49.57 1.79 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.51	57.45 1.80 -0.61	57.13 1.64 -0.48	53.77 2.23 -0.71	66.75 2.55 -2.97	82.04 3.53 -1.28	76.40 3.40 -0.93	82.98 3.83 -1.22	92.38 5.07 -0.62	84.85 5.63 -0.10	89.43 6.13 0.00	69.69 4.39 0.00	90.03 4.09 0.00	90.59 3.23 0.00	93.11 2.42 0.00	88.44 1.81 0.00	61.92 1.43 0.00
RAVENSWOOD_GT_4 24252	52.68 1.78 -0.31	49.57 1.80 -0.37	41.70 1.93 0.00	33.00 1.66 0.00	39.02 1.61 0.00	38.88 1.66 0.00	47.03 2.14 0.00	54.66 2.04 -0.55	57.51 1.81 -0.66	57.17 1.64 -0.52	53.80 2.24 -0.73	66.83 2.60 -3.01	82.17 3.57 -1.36	76.51 3.45 -1.00	83.13 3.88 -1.32	92.47 5.12 -0.67	84.91 5.67 -0.11	89.49 6.19 0.00	69.73 4.44 0.00	90.11 4.18 0.00	90.66 3.30 0.00	93.20 2.51 0.00	88.52 1.89 0.00	61.98 1.49 0.00
RAVENSWOOD_GT_5 24254	52.68 1.78 -0.31	49.57 1.80 -0.37	41.70 1.93 0.00	33.00 1.66 0.00	39.02 1.61 0.00	38.88 1.66 0.00	47.03 2.14 0.00	54.66 2.04 -0.55	57.51 1.81 -0.66	57.17 1.64 -0.52	53.80 2.24 -0.73	66.83 2.60 -3.01	82.17 3.57 -1.36	76.51 3.45 -1.00	83.13 3.88 -1.32	92.47 5.12 -0.67	84.91 5.67 -0.11	89.49 6.19 0.00	69.73 4.44 0.00	90.11 4.18 0.00	90.66 3.30 0.00	93.20 2.51 0.00	88.52 1.89 0.00	61.98 1.49 0.00
RAVENSWOOD_GT_6 24253	52.68 1.78 -0.31	49.57 1.80 -0.37	41.70 1.93 0.00	33.00 1.66 0.00	39.02 1.61 0.00	38.88 1.66 0.00	47.03 2.14 0.00	54.66 2.04 -0.55	57.51 1.81 -0.66	57.17 1.64 -0.52	53.80 2.24 -0.73	66.83 2.60 -3.01	82.17 3.57 -1.36	76.51 3.45 -1.00	83.13 3.88 -1.32	92.47 5.12 -0.67	84.91 5.67 -0.11	89.49 6.19 0.00	69.73 4.44 0.00	90.11 4.18 0.00	90.66 3.30 0.00	93.20 2.51 0.00	88.52 1.89 0.00	61.98 1.49 0.00
RAVENSWOOD_GT_7 24255	52.68 1.78 -0.31	49.57 1.80 -0.37	41.70 1.93 0.00	33.00 1.66 0.00	39.02 1.61 0.00	38.88 1.66 0.00	47.03 2.14 0.00	54.66 2.04 -0.55	57.51 1.81 -0.66	57.17 1.64 -0.52	53.80 2.24 -0.73	66.83 2.60 -3.01	82.17 3.57 -1.36	76.51 3.45 -1.00	83.13 3.88 -1.32	92.47 5.12 -0.67	84.91 5.67 -0.11	89.49 6.19 0.00	69.73 4.44 0.00	90.11 4.18 0.00	90.66 3.30 0.00	93.20 2.51 0.00	88.52 1.89 0.00	61.98 1.49 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.66 1.76 -0.31	49.57 1.79 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.51	57.45 1.80 -0.61	57.13 1.64 -0.48	53.77 2.23 -0.71	66.75 2.55 -2.97	82.04 3.53 -1.28	76.40 3.40 -0.93	82.98 3.83 -1.22	92.38 5.07 -0.62	84.85 5.63 -0.10	89.43 6.13 0.00	69.69 4.39 0.00	90.03 4.09 0.00	90.59 3.23 0.00	93.11 2.42 0.00	88.44 1.81 0.00	61.92 1.43 0.00
RAVENSWOOD_GT_9 24257	52.66 1.76 -0.31	49.57 1.79 -0.37	41.69 1.92 0.00	32.99 1.65 0.00	39.03 1.61 0.00	38.88 1.65 0.00	47.02 2.13 0.00	54.62 2.04 -0.51	57.45 1.80 -0.61	57.13 1.64 -0.48	53.77 2.23 -0.71	66.75 2.55 -2.97	82.04 3.53 -1.28	76.40 3.40 -0.93	82.98 3.83 -1.22	92.38 5.07 -0.62	84.85 5.63 -0.10	89.43 6.13 0.00	69.69 4.39 0.00	90.03 4.09 0.00	90.59 3.23 0.00	93.11 2.42 0.00	88.44 1.81 0.00	61.92 1.43 0.00

RAVENSWOOD___1 23533	52.62 1.72 -0.31	49.59 1.82 -0.37	41.74 1.97 0.00	33.02 1.68 0.00	39.09 1.67 0.00	38.94 1.71 0.00	47.09 2.20 0.00	54.67 2.13 -0.48	57.46 1.85 -0.56	57.14 1.69 -0.44	53.82 2.30 -0.69	66.69 2.53 -2.92	81.86 3.44 -1.18	76.24 3.33 -0.85	82.79 3.74 -1.13	92.23 4.97 -0.57	84.76 5.54 -0.09	89.31 6.01 0.00	69.56 4.27 0.00	89.83 3.89 0.00	90.33 2.96 0.00	92.78 2.09 0.00	88.12 1.49 0.00	61.73 1.25 0.00
RAVENSWOOD___2 23534	52.37 1.47 -0.31	49.43 1.65 -0.37	41.63 1.86 0.00	32.94 1.61 0.00	38.99 1.58 0.00	38.85 1.63 0.00	46.94 2.05 0.00	54.47 1.93 -0.48	57.25 1.65 -0.56	56.91 1.47 -0.44	53.60 2.08 -0.69	66.22 2.06 -2.92	81.14 2.73 -1.18	75.59 2.67 -0.85	82.09 3.03 -1.13	91.43 4.17 -0.57	84.03 4.82 -0.09	88.55 5.25 0.00	68.99 3.70 0.00	89.05 3.12 0.00	89.53 2.17 0.00	91.96 1.27 0.00	87.34 0.71 0.00	61.22 0.73 0.00
RAVENSWOOD___3 23535	52.66 1.76 -0.31	49.56 1.79 -0.37	41.70 1.93 0.00	32.98 1.65 0.00	39.03 1.61 0.00	38.88 1.66 0.00	47.02 2.14 0.00	54.63 2.04 -0.52	57.46 1.80 -0.62	57.13 1.64 -0.48	53.79 2.24 -0.72	66.77 2.57 -2.97	82.05 3.53 -1.29	76.40 3.39 -0.94	82.99 3.82 -1.24	92.37 5.06 -0.63	84.85 5.62 -0.10	89.42 6.12 0.00	69.67 4.38 0.00	90.02 4.08 0.00	90.57 3.20 0.00	93.07 2.38 0.00	88.41 1.78 0.00	61.91 1.42 0.00
RAVENSWOOD___4 23820	52.57 1.67 -0.31	49.55 1.77 -0.37	41.70 1.93 0.00	32.99 1.65 0.00	39.05 1.64 0.00	38.90 1.68 0.00	47.05 2.17 0.00	54.63 2.08 -0.48	57.41 1.81 -0.57	57.10 1.65 -0.45	53.77 2.25 -0.69	66.63 2.47 -2.93	81.81 3.39 -1.19	76.19 3.27 -0.86	82.75 3.69 -1.14	92.16 4.90 -0.58	84.71 5.49 -0.09	89.24 5.94 0.00	69.52 4.23 0.00	89.77 3.84 0.00	90.28 2.91 0.00	92.72 2.03 0.00	88.05 1.43 0.00	61.70 1.21 0.00
RCPL_TRUST___DRP 24196	52.68 1.78 -0.31	49.59 1.82 -0.37	41.73 1.95 0.00	33.00 1.67 0.00	39.04 1.62 0.00	38.88 1.66 0.00	47.04 2.15 0.00	54.68 2.08 -0.53	57.52 1.85 -0.63	57.20 1.70 -0.49	53.84 2.30 -0.72	66.85 2.64 -2.98	82.16 3.62 -1.31	76.49 3.47 -0.95	83.08 3.90 -1.26	92.47 5.15 -0.64	84.94 5.71 -0.10	89.50 6.20 0.00	69.73 4.44 0.00	90.06 4.13 0.00	90.61 3.25 0.00	93.13 2.44 0.00	88.44 1.82 0.00	61.92 1.44 0.00
RED___ROCHESTER 323720	53.85 3.26 0.00	49.63 2.22 0.00	41.02 1.24 0.00	32.21 0.88 0.00	38.03 0.61 0.00	38.10 0.88 0.00	46.10 1.21 0.00	53.32 1.26 0.00	57.23 2.19 0.00	58.08 3.08 0.00	53.66 2.83 0.00	65.28 4.05 0.00	82.55 5.32 0.00	76.74 4.67 0.00	83.36 5.43 0.00	92.53 5.85 0.00	84.19 5.07 0.00	88.96 5.66 0.00	69.29 3.99 0.00	91.10 5.17 0.00	93.25 5.89 0.00	97.17 6.48 0.00	91.39 4.76 0.00	63.68 3.19 0.00
REGAN___SOLAR 323812	54.21 3.80 0.18	50.61 3.41 0.22	42.61 2.84 0.00	33.52 2.18 0.00	39.91 2.49 0.00	39.77 2.54 0.00	47.85 2.96 0.00	54.99 2.93 0.00	57.18 2.14 0.00	56.54 1.53 0.00	51.32 0.75 0.27	60.81 1.01 1.43	78.31 1.14 0.06	73.56 1.50 0.00	79.80 1.87 0.00	89.59 2.91 0.00	81.83 2.71 0.00	87.40 4.10 0.00	69.29 3.99 0.00	92.64 6.70 0.00	95.51 8.14 0.00	98.92 8.22 0.00	93.91 7.28 0.00	65.39 4.90 0.00
RENSSELAER___COGEN 23796	49.73 -0.62 0.24	46.65 -0.48 0.28	39.76 -0.01 0.00	31.47 0.13 0.00	37.39 -0.03 0.00	37.20 -0.02 0.00	44.64 -0.25 0.00	51.56 -0.51 0.00	54.29 -0.75 0.00	53.93 -1.08 0.00	49.68 -0.79 0.36	58.31 -1.04 1.89	75.99 -1.16 0.08	71.17 -0.90 0.00	77.24 -0.69 0.00	86.33 -0.36 0.00	79.15 0.02 0.00	83.64 0.34 0.00	65.71 0.42 0.00	85.73 -0.21 0.00	86.81 -0.55 0.00	89.58 -1.11 0.00	85.36 -1.27 0.00	59.75 -0.73 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.13 4.81 0.27	51.59 4.50 0.32	43.85 4.08 0.00	34.63 3.29 0.00	41.15 3.74 0.00	41.16 3.93 0.00	49.16 4.27 0.00	56.08 4.50 0.49	58.48 4.02 0.58	57.63 3.08 0.46	53.66 3.48 0.64	61.99 3.40 2.64	80.95 4.92 1.20	75.96 4.77 0.88	82.63 5.86 1.16	94.73 8.64 0.59	85.75 6.72 0.10	91.19 7.89 0.00	72.51 7.22 0.00	95.59 9.66 0.00	96.97 9.60 0.00	102.20 11.51 0.00	97.56 10.93 0.00	67.93 7.45 0.00
REVERE_CPPR_DRP 24186	53.39 2.80 0.00	49.69 2.28 0.00	41.58 1.81 0.00	32.78 1.45 0.00	39.08 1.66 0.00	39.06 1.83 0.00	47.04 2.15 0.00	54.36 2.29 0.00	57.50 2.46 0.00	57.40 2.40 0.00	53.21 2.37 0.00	64.02 2.78 0.00	80.89 3.66 0.00	75.42 3.36 0.00	81.74 3.81 0.00	91.17 4.49 0.00	83.41 4.28 0.00	88.23 4.93 0.00	69.49 4.20 0.00	92.08 6.14 0.00	93.90 6.54 0.00	97.37 6.68 0.00	92.25 5.63 0.00	63.99 3.50 0.00
REYNLDPA_13_KV_LD 356490	50.67 0.08 0.00	47.71 0.30 0.00	39.71 -0.07 0.00	31.09 -0.24 0.00	37.56 0.14 0.00	37.37 0.15 0.00	45.33 0.45 0.00	52.93 0.87 0.00	56.07 1.03 0.00	56.12 1.12 0.00	51.28 0.45 0.00	61.57 0.34 0.00	77.43 0.20 0.00	72.29 0.22 0.00	78.11 0.18 0.00	86.47 -0.21 0.00	78.16 -0.96 0.00	81.90 -1.40 0.00	64.26 -1.03 0.00	85.34 -0.60 0.00	87.23 -0.14 0.00	91.27 0.58 0.00	87.75 1.12 0.00	61.16 0.67 0.00
REYNOLDS_115KV_TB3 80639	50.14 -0.16 0.29	47.01 -0.06 0.34	40.12 0.35 0.00	31.77 0.43 0.00	37.72 0.31 0.00	37.57 0.35 0.00	45.07 0.19 0.00	52.03 -0.04 0.00	54.76 -0.28 0.00	54.36 -0.64 0.00	50.01 -0.39 0.43	58.38 -0.57 2.28	76.55 -0.59 0.10	71.72 -0.34 0.00	77.86 -0.07 0.00	87.07 0.38 0.00	79.80 0.67 0.00	84.31 1.02 0.00	66.27 0.98 0.00	86.43 0.50 0.00	87.57 0.20 0.00	90.33 -0.36 0.00	86.09 -0.54 0.00	60.24 -0.24 0.00
RIVERBAY____ 323610	54.48 3.58 -0.31	51.41 3.63 -0.37	43.15 3.37 0.00	34.13 2.80 0.00	40.48 3.07 0.00	40.36 3.14 0.00	48.85 3.96 0.00	56.21 4.14 0.00	59.02 3.98 0.00	58.71 3.71 0.00	55.36 4.07 -0.46	68.22 4.56 -2.43	83.47 6.14 -0.10	77.96 5.89 0.00	84.49 6.56 0.00	94.81 8.12 0.00	87.41 8.29 0.00	92.17 8.87 0.00	71.83 6.54 0.00	92.97 7.03 0.00	93.62 6.26 0.00	96.34 5.65 0.00	91.52 4.89 0.00	64.03 3.54 0.00
RIVERSDE_115KV_TB3 55908	50.08 -0.24 0.27	46.96 -0.14 0.32	40.04 0.27 0.00	31.69 0.36 0.00	37.65 0.23 0.00	37.48 0.26 0.00	44.98 0.09 0.00	51.94 -0.12 0.00	54.69 -0.35 0.00	54.32 -0.69 0.00	50.02 -0.41 0.39	58.54 -0.60 2.09	76.55 -0.60 0.09	71.72 -0.34 0.00	77.85 -0.07 0.00	87.02 0.34 0.00	79.77 0.65 0.00	84.29 1.00 0.00	66.23 0.94 0.00	86.42 0.49 0.00	87.51 0.14 0.00	90.29 -0.40 0.00	86.00 -0.62 0.00	60.21 -0.28 0.00
ROARING___BROOK_WT_PWR 323790	50.42 -0.17 0.00	47.34 -0.07 0.00	39.63 -0.14 0.00	31.16 -0.17 0.00	37.36 -0.06 0.00	37.18 -0.05 0.00	44.87 -0.01 0.00	52.13 0.06 0.00	55.14 0.10 0.00	55.09 0.09 0.00	50.79 -0.04 0.00	61.10 -0.13 0.00	77.03 -0.20 0.00	71.86 -0.21 0.00	77.70 -0.23 0.00	86.40 -0.29 0.00	78.68 -0.45 0.00	82.83 -0.47 0.00	64.97 -0.32 0.00	85.66 -0.27 0.00	87.18 -0.18 0.00	90.67 -0.02 0.00	86.67 0.04 0.00	60.50 0.01 0.00

ROCHESRG_115KV_T4 355643	53.04 2.45 0.00	48.95 1.54 0.00	40.48 0.71 0.00	31.81 0.47 0.00	37.55 0.14 0.00	37.63 0.40 0.00	45.50 0.62 0.00	52.58 0.51 0.00	56.37 1.33 0.00	57.19 2.19 0.00	52.78 1.95 0.00	64.10 2.87 0.00	80.99 3.76 0.00	75.22 3.15 0.00	81.73 3.81 0.00	90.70 4.02 0.00	82.43 3.31 0.00	87.01 3.71 0.00	67.72 2.42 0.00	89.10 3.17 0.00	91.38 4.02 0.00	95.44 4.75 0.00	89.90 3.28 0.00	62.67 2.19 0.00
ROCHESTER_9_IC 23652	53.46 2.87 0.00	49.31 1.90 0.00	40.76 0.99 0.00	32.02 0.69 0.00	37.80 0.39 0.00	37.88 0.66 0.00	45.83 0.94 0.00	52.98 0.91 0.00	56.82 1.78 0.00	57.67 2.67 0.00	53.24 2.41 0.00	64.72 3.49 0.00	81.80 4.57 0.00	75.99 3.92 0.00	82.58 4.65 0.00	91.66 4.97 0.00	83.33 4.21 0.00	88.00 4.70 0.00	68.50 3.21 0.00	90.12 4.19 0.00	92.33 4.97 0.00	96.35 5.66 0.00	90.69 4.06 0.00	63.19 2.70 0.00
ROCKVIEW_13_KV_LD 356306	52.81 1.92 -0.31	49.69 1.91 -0.37	41.76 1.98 0.00	33.03 1.70 0.00	39.05 1.64 0.00	38.92 1.70 0.00	47.03 2.14 0.00	54.67 2.09 -0.52	57.57 1.91 -0.61	57.21 1.72 -0.48	53.82 2.28 -0.72	66.89 2.69 -2.97	82.24 3.72 -1.28	76.59 3.59 -0.93	83.21 4.06 -1.23	92.64 5.33 -0.63	85.05 5.82 -0.10	89.67 6.37 0.00	69.94 4.65 0.00	90.51 4.58 0.00	91.08 3.72 0.00	93.64 2.95 0.00	88.90 2.27 0.00	62.22 1.74 0.00
ROME____115KV_TB2 80656	53.39 2.80 0.00	49.69 2.28 0.00	41.58 1.81 0.00	32.78 1.45 0.00	39.08 1.66 0.00	39.06 1.83 0.00	47.04 2.15 0.00	54.36 2.29 0.00	57.50 2.46 0.00	57.40 2.40 0.00	53.21 2.37 0.00	64.02 2.78 0.00	80.89 3.66 0.00	75.42 3.36 0.00	81.74 3.81 0.00	91.17 4.49 0.00	83.41 4.28 0.00	88.23 4.93 0.00	69.49 4.20 0.00	92.08 6.14 0.00	93.90 6.54 0.00	97.37 6.68 0.00	92.25 5.63 0.00	63.99 3.50 0.00
ROSETON___1 23587	51.87 1.00 -0.28	48.80 1.05 -0.34	41.07 1.29 0.00	32.48 1.15 0.00	38.46 1.04 0.00	38.30 1.07 0.00	46.19 1.30 0.00	53.16 1.09 0.00	55.92 0.88 0.00	55.68 0.67 0.00	52.42 1.16 -0.42	64.84 1.38 -2.24	79.36 2.03 -0.09	74.05 1.98 0.00	80.24 2.31 0.00	89.98 3.29 0.00	82.96 3.83 0.00	87.57 4.28 0.00	68.38 3.08 0.00	88.68 2.74 0.00	89.39 2.03 0.00	91.99 1.30 0.00	87.48 0.85 0.00	61.23 0.75 0.00
ROSETON___2 23588	51.87 1.00 -0.28	48.80 1.05 -0.34	41.07 1.29 0.00	32.48 1.15 0.00	38.46 1.04 0.00	38.30 1.07 0.00	46.19 1.30 0.00	53.16 1.09 0.00	55.92 0.88 0.00	55.68 0.67 0.00	52.42 1.16 -0.42	64.84 1.38 -2.24	79.36 2.03 -0.09	74.05 1.98 0.00	80.24 2.31 0.00	89.98 3.29 0.00	82.96 3.83 0.00	87.57 4.28 0.00	68.38 3.08 0.00	88.68 2.74 0.00	89.39 2.03 0.00	91.99 1.30 0.00	87.48 0.85 0.00	61.23 0.75 0.00
ROTTRDAM_115KV_TB3 80664	51.35 0.96 0.21	48.10 0.93 0.25	40.82 1.05 0.00	32.24 0.90 0.00	38.34 0.92 0.00	38.14 0.92 0.00	45.85 0.96 0.00	52.93 0.86 0.00	55.76 0.72 0.00	55.47 0.46 0.00	51.06 0.54 0.31	60.19 0.58 1.62	77.99 0.83 0.07	72.97 0.90 0.00	79.11 1.18 0.00	88.49 1.81 0.00	81.06 1.93 0.00	85.67 2.37 0.00	67.33 2.04 0.00	88.26 2.32 0.00	89.62 2.26 0.00	92.62 1.93 0.00	88.21 1.58 0.00	61.67 1.18 0.00
RUSSELL___1 23602	53.85 3.26 0.00	49.63 2.22 0.00	41.02 1.24 0.00	32.21 0.88 0.00	38.03 0.61 0.00	38.10 0.88 0.00	46.10 1.21 0.00	53.32 1.26 0.00	57.23 2.19 0.00	58.08 3.07 0.00	53.67 2.84 0.00	65.30 4.07 0.00	82.56 5.32 0.00	76.74 4.67 0.00	83.36 5.43 0.00	92.56 5.87 0.00	84.20 5.08 0.00	88.96 5.66 0.00	69.28 3.99 0.00	91.08 5.15 0.00	93.24 5.88 0.00	97.16 6.47 0.00	91.39 4.76 0.00	63.66 3.17 0.00
RUSSELL___2 23532	53.85 3.26 0.00	49.63 2.22 0.00	41.02 1.24 0.00	32.21 0.88 0.00	38.03 0.61 0.00	38.10 0.88 0.00	46.10 1.21 0.00	53.32 1.26 0.00	57.23 2.19 0.00	58.08 3.07 0.00	53.67 2.84 0.00	65.30 4.07 0.00	82.56 5.32 0.00	76.74 4.67 0.00	83.36 5.43 0.00	92.56 5.87 0.00	84.20 5.08 0.00	88.96 5.66 0.00	69.28 3.99 0.00	91.08 5.15 0.00	93.24 5.88 0.00	97.16 6.47 0.00	91.39 4.76 0.00	63.66 3.17 0.00
RUSSELL___3 23549	53.85 3.26 0.00	49.63 2.22 0.00	41.02 1.24 0.00	32.21 0.88 0.00	38.03 0.61 0.00	38.10 0.88 0.00	46.10 1.21 0.00	53.32 1.26 0.00	57.23 2.19 0.00	58.08 3.07 0.00	53.67 2.84 0.00	65.30 4.07 0.00	82.56 5.32 0.00	76.74 4.67 0.00	83.36 5.43 0.00	92.56 5.87 0.00	84.20 5.08 0.00	88.96 5.66 0.00	69.28 3.99 0.00	91.08 5.15 0.00	93.24 5.88 0.00	97.16 6.47 0.00	91.39 4.76 0.00	63.66 3.17 0.00
RUSSELL___4 23556	53.85 3.26 0.00	49.63 2.22 0.00	41.02 1.24 0.00	32.21 0.88 0.00	38.03 0.61 0.00	38.10 0.88 0.00	46.10 1.21 0.00	53.32 1.26 0.00	57.23 2.19 0.00	58.08 3.07 0.00	53.67 2.84 0.00	65.30 4.07 0.00	82.56 5.32 0.00	76.74 4.67 0.00	83.36 5.43 0.00	92.56 5.87 0.00	84.20 5.08 0.00	88.96 5.66 0.00	69.28 3.99 0.00	91.08 5.15 0.00	93.24 5.88 0.00	97.16 6.47 0.00	91.39 4.76 0.00	63.66 3.17 0.00
RUSSELL___STATION 23914	53.85 3.26 0.00	49.63 2.22 0.00	41.02 1.24 0.00	32.21 0.88 0.00	38.03 0.61 0.00	38.10 0.88 0.00	46.10 1.21 0.00	53.32 1.26 0.00	57.23 2.19 0.00	58.08 3.07 0.00	53.67 2.84 0.00	65.30 4.07 0.00	82.56 5.32 0.00	76.74 4.67 0.00	83.36 5.43 0.00	92.56 5.87 0.00	84.20 5.08 0.00	88.96 5.66 0.00	69.28 3.99 0.00	91.08 5.15 0.00	93.24 5.88 0.00	97.16 6.47 0.00	91.39 4.76 0.00	63.66 3.17 0.00
S SALMON___HYD 24043	53.02 1.00 -1.43	49.42 0.61 -1.39	40.14 0.36 0.00	31.65 0.31 0.00	37.72 0.30 0.00	37.67 0.45 0.00	45.65 0.51 -0.25	55.07 0.49 -2.52	56.61 0.68 -0.90	56.56 0.70 -0.86	51.43 0.60 0.00	63.28 0.65 -1.40	81.08 0.82 -3.03	74.00 0.60 -1.34	83.48 0.85 -4.71	89.17 0.92 -1.57	80.04 0.84 -0.08	84.19 0.88 -0.01	66.63 0.94 -0.40	95.26 2.05 -7.29	97.68 2.55 -7.77	105.35 2.85 -11.81	97.55 2.35 -8.57	63.40 1.29 -1.62
S.PERRY__115KV_TB1 80734	55.28 4.69 0.00	51.21 3.80 0.00	42.25 2.48 0.00	33.27 1.94 0.00	39.23 1.81 0.00	39.39 2.17 0.00	47.74 2.85 0.00	54.92 2.86 0.00	58.62 3.58 0.00	58.83 3.82 0.00	53.84 3.01 0.00	64.51 3.28 0.00	80.90 3.67 0.00	74.77 2.70 0.00	81.44 3.51 0.00	90.37 3.69 0.00	82.77 3.64 0.00	87.75 4.45 0.00	68.32 3.03 0.00	90.97 5.04 0.00	93.88 6.52 0.00	98.28 7.59 0.00	92.06 5.43 0.00	65.65 5.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.99 3.40 0.00	49.49 2.08 0.00	40.57 0.80 0.00	31.86 0.52 0.00	37.41 -0.01 0.00	37.60 0.37 0.00	45.46 0.57 0.00	52.41 0.34 0.00	56.59 1.55 0.00	57.94 2.93 0.00	53.22 2.39 0.00	64.77 3.54 0.00	81.73 4.49 0.00	75.56 3.49 0.00	82.37 4.45 0.00	91.24 4.55 0.00	82.90 3.78 0.00	87.45 4.15 0.00	67.65 2.36 0.00	88.99 3.06 0.00	91.93 4.56 0.00	96.42 5.73 0.00	90.46 3.84 0.00	63.25 2.76 0.00

SAWYER___23_KV_LOAD 55526	53.99 3.40 0.00	49.49 2.08 0.00	40.57 0.80 0.00	31.86 0.52 0.00	37.41 -0.01 0.00	37.60 0.37 0.00	45.46 0.57 0.00	52.41 0.34 0.00	56.59 1.55 0.00	57.94 2.93 0.00	53.22 2.39 0.00	64.77 3.54 0.00	81.73 4.49 0.00	75.56 3.49 0.00	82.37 4.45 0.00	91.24 4.55 0.00	82.90 3.78 0.00	87.45 4.15 0.00	67.65 2.36 0.00	88.99 3.06 0.00	91.93 4.56 0.00	96.42 5.73 0.00	90.46 3.84 0.00	63.25 2.76 0.00
SELKIRK___I 23801	-135.57 -1.03 185.13	46.40 -0.83 0.17	39.46 -0.31 0.00	31.22 -0.12 0.00	37.09 -0.32 0.00	36.91 -0.32 0.00	44.26 -0.63 0.00	51.13 -0.94 0.00	53.84 -1.20 0.00	53.46 -1.54 0.00	49.29 -1.32 0.22	58.36 -1.72 1.16	75.08 -2.11 0.05	70.19 -1.87 0.00	76.24 -1.68 0.00	85.16 -1.52 0.00	77.93 -1.19 0.00	82.41 -0.89 0.00	64.70 -0.59 0.00	84.66 -1.27 0.00	85.84 -1.52 0.00	88.72 -1.97 0.00	84.60 -2.03 0.00	59.24 -1.25 0.00
SELKIRK___II 23799	-619.88 -0.74 669.73	46.65 -0.55 0.21	39.71 -0.06 0.00	31.42 0.08 0.00	37.32 -0.10 0.00	37.13 -0.09 0.00	44.56 -0.33 0.00	51.46 -0.61 0.00	54.20 -0.84 0.00	53.88 -1.12 0.00	49.75 -0.82 0.26	58.78 -1.08 1.37	75.94 -1.23 0.06	71.05 -1.02 0.00	77.08 -0.84 0.00	86.12 -0.57 0.00	78.96 -0.16 0.00	83.40 0.10 0.00	65.44 0.15 0.00	85.38 -0.55 0.00	86.47 -0.90 0.00	89.26 -1.43 0.00	85.09 -1.54 0.00	59.57 -0.92 0.00
SENECA OSWGO___HYD 24041	52.66 -0.13 -2.20	49.19 -0.37 -2.14	39.41 -0.37 0.00	31.09 -0.25 0.00	36.92 -0.49 0.00	36.84 -0.38 0.00	44.74 -0.53 -0.39	55.24 -0.71 -3.88	55.82 -0.60 -1.39	55.79 -0.53 -1.32	50.41 -0.42 0.00	63.01 -0.38 -2.16	81.56 -0.34 -4.67	73.81 -0.32 -2.06	84.95 -0.23 -7.26	88.93 -0.17 -2.41	79.37 0.12 -0.12	83.55 0.23 -0.02	66.09 0.18 -0.62	97.42 0.26 -11.23	99.61 0.28 -11.97	109.10 0.21 -18.20	99.46 -0.38 -13.21	62.61 -0.38 -2.50
SENECA___115KV_TB3 355854	54.44 3.85 0.00	49.90 2.48 0.00	40.92 1.15 0.00	32.15 0.82 0.00	37.75 0.34 0.00	37.97 0.75 0.00	45.91 1.02 0.00	53.02 0.95 0.00	57.22 2.18 0.00	58.56 3.55 0.00	53.84 3.01 0.00	65.50 4.27 0.00	82.65 5.42 0.00	76.44 4.37 0.00	83.33 5.41 0.00	92.37 5.68 0.00	84.11 4.98 0.00	88.76 5.46 0.00	68.71 3.41 0.00	90.40 4.47 0.00	93.31 5.95 0.00	97.63 6.93 0.00	91.51 4.89 0.00	63.93 3.44 0.00
SENECA___ENERGY 23797	51.51 0.08 -0.85	47.91 -0.27 -0.76	39.72 -0.06 0.00	31.62 0.28 0.00	37.42 0.00 0.00	37.41 0.19 0.00	45.25 0.25 -0.11	53.17 0.01 -1.09	55.74 0.31 -0.39	56.17 0.80 -0.37	51.73 0.90 0.00	63.24 1.41 -0.61	80.89 2.34 -1.31	74.77 2.12 -0.58	82.60 2.64 -2.04	89.82 2.22 -0.92	81.51 2.34 -0.05	86.76 3.46 -0.01	68.22 2.75 -0.17	92.82 3.76 -3.13	94.50 3.80 -3.34	99.64 3.88 -5.07	93.06 2.75 -3.68	62.93 1.74 -0.70
SHOEMAKER___GT 23640	52.08 1.24 -0.26	48.90 1.19 -0.30	41.11 1.34 0.00	32.51 1.18 0.00	38.50 1.08 0.00	38.32 1.10 0.00	46.23 1.35 0.00	53.26 1.20 0.00	56.08 1.04 0.00	55.85 0.85 0.00	52.40 1.19 -0.38	64.69 1.45 -2.01	79.50 2.19 -0.08	74.17 2.11 0.00	80.36 2.44 0.00	90.09 3.40 0.00	83.12 4.00 0.00	87.69 4.39 0.00	68.51 3.22 0.00	89.21 3.28 0.00	90.07 2.71 0.00	92.77 2.07 0.00	88.15 1.53 0.00	61.65 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	52.05 1.21 -0.25	48.89 1.18 -0.30	41.10 1.33 0.00	32.50 1.16 0.00	38.48 1.07 0.00	38.31 1.09 0.00	46.21 1.32 0.00	53.24 1.18 0.00	56.06 1.02 0.00	55.84 0.84 0.00	52.43 1.22 -0.37	64.70 1.48 -1.99	79.54 2.22 -0.08	74.20 2.13 0.00	80.37 2.45 0.00	90.09 3.41 0.00	83.12 4.00 0.00	87.69 4.40 0.00	68.50 3.21 0.00	89.13 3.19 0.00	89.93 2.56 0.00	92.62 1.93 0.00	88.06 1.43 0.00	61.58 1.09 0.00
SHOREHAM_IC_1 23715	29.31 0.58 21.86	31.35 0.29 16.36	40.48 0.71 0.01	32.10 0.77 0.00	37.80 0.38 0.01	37.90 0.67 0.00	25.74 0.60 19.74	29.58 0.74 23.23	36.75 0.41 18.70	41.54 0.38 13.85	42.92 1.03 8.94	42.76 1.19 19.65	43.68 1.75 35.31	44.33 1.67 29.41	44.34 1.96 35.54	70.06 3.08 19.71	75.34 4.33 8.12	88.11 4.82 0.00	68.50 3.23 0.03	84.98 2.43 3.39	68.82 1.37 19.91	54.67 0.35 36.37	61.91 -0.48 24.23	42.00 -0.30 18.18
SHOREHAM_IC_2 23716	29.31 0.58 21.86	31.35 0.29 16.36	40.48 0.72 0.01	32.10 0.77 0.00	37.80 0.39 0.01	37.90 0.68 0.00	25.76 0.62 19.74	29.57 0.73 23.23	36.72 0.38 18.70	41.54 0.38 13.85	42.91 1.02 8.94	42.70 1.12 19.65	43.65 1.72 35.31	44.31 1.64 29.41	44.36 1.98 35.54	70.08 3.11 19.71	75.35 4.34 8.12	88.11 4.82 0.00	68.50 3.24 0.03	84.97 2.43 3.39	68.83 1.38 19.91	54.67 0.35 36.37	61.92 -0.48 24.23	42.02 -0.28 18.18
SISSONVILLE___ 23735	51.22 0.63 0.00	48.16 0.75 0.00	40.01 0.23 0.00	31.29 -0.04 0.00	37.87 0.45 0.00	37.74 0.51 0.00	45.88 0.99 0.00	53.51 1.45 0.00	56.61 1.57 0.00	56.26 1.25 0.00	51.26 0.43 0.00	60.98 -0.25 0.00	76.35 -0.89 0.00	70.95 -1.12 0.00	76.70 -1.23 0.00	84.93 -1.75 0.00	76.52 -2.61 0.00	79.73 -3.57 0.00	62.99 -2.30 0.00	84.91 -1.02 0.00	87.09 -0.28 0.00	91.64 0.95 0.00	88.35 1.72 0.00	61.76 1.27 0.00
SITHE_IND_GS1 24169	41.99 -0.94 7.66	38.90 -1.06 7.45	38.83 -0.93 0.01	30.63 -0.70 0.00	36.42 -1.00 0.00	36.31 -0.91 0.00	42.39 -1.15 1.35	37.06 -1.44 13.56	48.80 -1.39 4.85	49.11 -1.28 4.61	49.69 -1.14 0.00	52.45 -1.24 7.54	59.40 -1.50 16.34	63.39 -1.47 7.21	51.13 -1.43 25.37	76.74 -1.55 8.40	77.43 -1.29 0.41	81.99 -1.24 0.07	62.10 -1.01 2.18	45.31 -1.35 39.26	44.19 -1.33 41.85	25.63 -1.41 63.65	38.67 -1.76 46.19	50.45 -1.28 8.75
SITHE_IND_GS2 24170	41.99 -0.94 7.66	38.90 -1.06 7.45	38.83 -0.93 0.01	30.63 -0.70 0.00	36.42 -1.00 0.00	36.31 -0.91 0.00	42.39 -1.15 1.35	37.06 -1.44 13.56	48.80 -1.39 4.85	49.11 -1.28 4.61	49.69 -1.14 0.00	52.45 -1.24 7.54	59.40 -1.50 16.34	63.39 -1.47 7.21	51.13 -1.43 25.37	76.74 -1.55 8.40	77.43 -1.29 0.41	81.99 -1.24 0.07	62.10 -1.01 2.18	45.31 -1.35 39.26	44.19 -1.33 41.85	25.63 -1.41 63.65	38.67 -1.76 46.19	50.45 -1.28 8.75
SITHE_IND_GS3 24171	41.99 -0.94 7.66	38.90 -1.06 7.45	38.83 -0.93 0.01	30.63 -0.70 0.00	36.42 -1.00 0.00	36.31 -0.91 0.00	42.39 -1.15 1.35	37.06 -1.44 13.56	48.80 -1.39 4.85	49.11 -1.28 4.61	49.69 -1.14 0.00	52.45 -1.24 7.54	59.40 -1.50 16.34	63.39 -1.47 7.21	51.13 -1.43 25.37	76.74 -1.55 8.40	77.43 -1.29 0.41	81.99 -1.24 0.07	62.10 -1.01 2.18	45.31 -1.35 39.26	44.19 -1.33 41.85	25.63 -1.41 63.65	38.67 -1.76 46.19	50.45 -1.28 8.75
SITHE_IND_GS4 24172	41.99 -0.94 7.66	38.90 -1.06 7.45	38.83 -0.93 0.01	30.63 -0.70 0.00	36.42 -1.00 0.00	36.31 -0.91 0.00	42.39 -1.15 1.35	37.06 -1.44 13.56	48.80 -1.39 4.85	49.11 -1.28 4.61	49.69 -1.14 0.00	52.45 -1.24 7.54	59.40 -1.50 16.34	63.39 -1.47 7.21	51.13 -1.43 25.37	76.74 -1.55 8.40	77.43 -1.29 0.41	81.99 -1.24 0.07	62.10 -1.01 2.18	45.31 -1.35 39.26	44.19 -1.33 41.85	25.63 -1.41 63.65	38.67 -1.76 46.19	50.45 -1.28 8.75

SITHE___BATAVIA 24024	55.26 4.67 0.00	50.67 3.26 0.00	41.60 1.83 0.00	32.65 1.31 0.00	38.40 0.99 0.00	38.58 1.35 0.00	46.73 1.85 0.00	53.76 1.69 0.00	57.73 2.70 0.00	58.94 3.93 0.00	54.07 3.24 0.00	65.82 4.59 0.00	83.02 5.79 0.00	76.88 4.81 0.00	83.67 5.75 0.00	92.71 6.03 0.00	84.32 5.19 0.00	89.04 5.75 0.00	69.33 4.03 0.00	91.74 5.80 0.00	94.76 7.39 0.00	99.28 8.59 0.00	93.06 6.43 0.00	64.98 4.49 0.00
SITHE___INDEPEND 23800	41.99 -0.94 7.66	38.90 -1.06 7.45	38.83 -0.94 0.01	30.63 -0.70 0.00	36.42 -1.00 0.00	36.31 -0.91 0.00	42.39 -1.15 1.35	37.06 -1.44 13.56	48.80 -1.39 4.85	49.11 -1.28 4.61	49.69 -1.14 0.00	52.45 -1.24 7.54	59.41 -1.49 16.34	63.39 -1.47 7.21	51.13 -1.43 25.37	76.74 -1.54 8.40	77.42 -1.29 0.41	81.99 -1.24 0.07	62.10 -1.01 2.18	45.31 -1.35 39.26	44.19 -1.33 41.85	25.62 -1.42 63.65	38.67 -1.76 46.19	50.44 -1.29 8.75
SITHE___MASSENA 23902	50.73 0.14 0.00	47.76 0.35 0.00	39.73 -0.04 0.00	31.11 -0.23 0.00	37.59 0.18 0.00	37.42 0.20 0.00	45.46 0.57 0.00	53.06 1.00 0.00	56.21 1.17 0.00	56.16 1.15 0.00	51.28 0.45 0.00	61.42 0.19 0.00	77.16 -0.07 0.00	72.02 -0.05 0.00	77.79 -0.13 0.00	86.15 -0.53 0.00	77.79 -1.33 0.00	81.10 -2.20 0.00	63.84 -1.45 0.00	85.26 -0.67 0.00	87.19 -0.17 0.00	91.32 0.63 0.00	87.84 1.22 0.00	61.27 0.78 0.00
SITHE___OGDNSBRG 24021	51.97 1.38 0.00	48.89 1.48 0.00	40.57 0.79 0.00	31.72 0.39 0.00	38.40 0.98 0.00	38.30 1.08 0.00	46.53 1.65 0.00	54.15 2.08 0.00	57.20 2.16 0.00	56.70 1.70 0.00	51.55 0.72 0.00	61.60 0.37 0.00	77.17 -0.07 0.00	72.03 -0.04 0.00	77.81 -0.11 0.00	86.16 -0.53 0.00	77.53 -1.60 0.00	80.81 -2.48 0.00	63.98 -1.31 0.00	87.10 1.17 0.00	89.36 1.99 0.00	93.89 3.20 0.00	90.33 3.70 0.00	62.90 2.42 0.00
SITHE___STERLING 23777	52.67 2.08 0.00	49.09 1.67 0.00	41.12 1.35 0.00	32.43 1.09 0.00	38.61 1.20 0.00	38.54 1.32 0.00	46.41 1.52 0.00	53.66 1.59 0.00	56.73 1.69 0.00	56.66 1.65 0.00	52.49 1.66 0.00	63.29 2.06 0.00	80.03 2.79 0.00	74.62 2.55 0.00	80.90 2.98 0.00	90.23 3.55 0.00	82.61 3.49 0.00	87.25 3.95 0.00	68.62 3.32 0.00	90.69 4.75 0.00	92.39 5.02 0.00	95.76 5.07 0.00	90.76 4.14 0.00	63.08 2.59 0.00
SLEIGHT__34_KV_TB1 80719	52.79 1.90 -0.29	48.86 1.17 -0.28	40.35 0.58 0.00	31.73 0.40 0.00	37.54 0.12 0.00	37.57 0.35 0.00	45.48 0.54 -0.05	53.09 0.47 -0.55	56.18 0.94 -0.20	56.81 1.62 -0.19	52.37 1.54 0.00	63.82 2.28 -0.31	80.92 3.02 -0.67	74.94 2.58 -0.29	82.04 3.08 -1.04	90.39 3.39 -0.32	82.10 2.96 -0.02	86.74 3.43 0.00	67.86 2.48 -0.09	90.97 3.44 -1.59	93.11 4.05 -1.70	97.70 4.42 -2.58	91.61 3.11 -1.87	62.76 1.92 -0.36
SMITHTWN_69_KV_BK 1 55830	29.80 0.95 21.74	31.98 0.83 16.27	40.98 1.22 0.01	32.47 1.14 0.00	38.28 0.87 0.01	38.37 1.15 0.00	26.34 1.09 19.63	29.99 1.05 23.12	37.17 0.74 18.62	41.94 0.72 13.79	43.60 1.66 8.90	43.66 1.99 19.55	44.99 2.91 35.15	45.53 2.74 29.28	45.71 3.17 35.39	71.46 4.39 19.61	76.43 5.38 8.08	89.01 5.72 0.00	69.15 3.88 0.03	82.91 3.20 6.23	68.75 2.09 20.70	55.65 1.14 36.19	62.91 0.38 24.10	42.76 0.36 18.09
SOUTH CAIRO___GT 23612	-183.53 1.44 235.55	48.56 1.27 0.12	41.10 1.33 0.00	32.47 1.14 0.00	38.59 1.17 0.00	38.45 1.22 0.00	46.19 1.31 0.00	53.48 1.41 0.00	56.49 1.46 0.00	56.01 1.00 0.15	51.28 0.60 0.80	61.09 0.67 0.03	78.15 0.95 0.00	73.15 1.09 0.00	80.00 2.08 0.00	89.41 2.73 0.00	82.50 3.38 0.00	87.11 3.81 0.00	68.72 3.43 0.00	90.50 4.57 0.00	91.95 4.59 0.00	94.93 4.24 0.00	90.08 3.45 0.00	62.77 2.28 0.00
SOUTH HAMPTN___IC 23720	30.40 1.71 21.90	32.35 1.33 16.39	41.30 1.53 0.01	32.73 1.39 0.00	38.54 1.13 0.01	38.66 1.44 0.00	26.66 1.54 19.78	30.60 1.80 23.27	37.92 1.61 18.73	42.86 1.72 13.86	44.29 2.42 8.95	44.42 2.88 19.68	45.88 4.00 35.36	46.34 3.72 29.45	46.45 4.12 35.59	72.60 5.65 19.73	77.72 6.73 8.13	90.71 7.42 0.00	70.39 5.13 0.03	87.62 4.80 3.11	71.24 3.72 19.85	57.04 2.77 36.42	64.23 1.86 24.27	43.51 1.24 18.21
SOUTHDOW_115KV_TB1 355954	55.23 4.64 0.00	50.71 3.30 0.00	41.74 1.97 0.00	32.92 1.59 0.00	38.68 1.27 0.00	38.98 1.76 0.00	47.22 2.33 0.00	54.89 2.82 0.00	59.17 4.13 0.00	60.61 5.61 0.00	55.75 4.91 0.00	67.65 6.42 0.00	85.28 8.05 0.00	79.16 7.09 0.00	85.94 8.02 0.00	95.35 8.67 0.00	87.43 8.30 0.00	92.34 9.04 0.00	71.49 6.19 0.00	94.17 8.24 0.00	96.97 9.61 0.00	100.94 10.25 0.00	94.40 7.77 0.00	65.88 5.39 0.00
SOUTHOLD_69_KV_BK 2 55809	31.72 3.03 21.89	33.53 2.51 16.39	42.23 2.47 0.01	33.46 2.13 0.00	39.41 2.00 0.01	39.55 2.33 0.00	27.79 2.68 19.77	31.92 3.11 23.26	39.36 3.05 18.73	44.42 3.28 13.86	45.84 3.96 8.95	46.30 4.75 19.68	48.43 6.55 35.36	48.65 6.03 29.44	48.75 6.42 35.59	75.39 8.44 19.73	80.40 9.41 8.13	93.68 10.39 0.00	72.61 7.35 0.03	90.40 7.59 3.11	73.90 6.39 19.85	59.89 5.62 36.42	67.01 4.65 24.27	45.35 3.07 18.21
SOUTHOLD___IC 23719	31.72 3.03 21.89	33.53 2.50 16.39	42.23 2.47 0.01	33.46 2.13 0.00	39.41 2.00 0.01	39.54 2.32 0.00	27.77 2.65 19.77	31.92 3.12 23.26	39.39 3.08 18.73	44.42 3.28 13.86	45.85 3.97 8.95	46.36 4.81 19.68	48.47 6.59 35.36	48.67 6.05 29.44	48.75 6.42 35.59	75.38 8.43 19.73	80.37 9.38 8.13	93.68 10.39 0.00	72.61 7.35 0.03	90.40 7.58 3.11	73.91 6.40 19.85	59.88 5.61 36.42	67.01 4.65 24.27	45.30 3.02 18.21
SOUTH_FORK_WT_PWR 323839	31.96 3.27 21.90	33.77 2.74 16.39	42.41 2.64 0.01	33.60 2.27 0.00	39.58 2.17 0.01	39.71 2.49 0.00	28.00 2.88 19.78	32.16 3.36 23.26	39.64 3.33 18.73	44.69 3.55 13.86	46.12 4.24 8.95	46.70 5.15 19.68	48.90 7.03 35.36	48.99 6.37 29.45	48.89 6.56 35.59	75.52 8.57 19.73	80.53 9.54 8.13	93.87 10.58 0.00	72.72 7.45 0.03	90.53 7.72 3.11	74.08 6.57 19.85	60.14 5.87 36.42	67.45 5.08 24.27	45.60 3.32 18.21
SPIERFLS_115KV_TB 1 80737	52.29 1.96 0.26	48.87 1.77 0.31	41.57 1.80 0.00	32.85 1.52 0.00	39.04 1.62 0.00	38.93 1.71 0.00	46.72 1.83 0.00	53.90 1.83 0.00	56.70 1.66 0.00	56.18 1.17 0.00	51.43 0.99 0.39	60.04 0.89 2.08	78.46 1.31 0.09	73.51 1.44 0.00	80.03 2.10 0.00	90.08 3.40 0.00	82.38 3.26 0.00	87.28 3.99 0.00	69.40 4.10 0.00	91.06 5.13 0.00	92.63 5.26 0.00	95.79 5.09 0.00	91.12 4.49 0.00	63.49 3.01 0.00
ST LAWRENCE____ 23600	50.10 -0.49 0.00	47.18 -0.23 0.00	39.28 -0.49 0.00	30.77 -0.56 0.00	37.15 -0.26 0.00	36.97 -0.26 0.00	44.82 -0.07 0.00	52.32 0.25 0.00	55.41 0.36 0.00	55.44 0.43 0.00	50.72 -0.11 0.00	60.94 -0.30 0.00	76.64 -0.59 0.00	71.53 -0.54 0.00	77.30 -0.63 0.00	85.61 -1.08 0.00	77.43 -1.70 0.00	81.14 -2.15 0.00	63.67 -1.62 0.00	84.46 -1.48 0.00	86.29 -1.07 0.00	90.22 -0.47 0.00	86.71 0.08 0.00	60.44 -0.04 0.00

STATE_CA_115KV_115_LB 55624	50.30 -0.05 0.25	47.15 0.03 0.29	40.16 0.39 0.00	31.78 0.44 0.00	37.74 0.33 0.00	37.57 0.34 0.00	45.12 0.23 0.00	52.12 0.05 0.00	54.89 -0.15 0.00	54.57 -0.43 0.00	50.28 -0.18 0.37	59.00 -0.29 1.94	76.98 -0.17 0.08	72.12 0.06 0.00	78.31 0.39 0.00	87.44 0.76 0.00	80.20 1.08 0.00	84.75 1.45 0.00	66.58 1.29 0.00	86.90 0.97 0.00	88.01 0.64 0.00	90.79 0.10 0.00	86.42 -0.21 0.00	60.47 -0.01 0.00
STATE_ST_34_KV_LOAD 55959	52.61 1.25 -0.77	48.90 0.75 -0.73	40.39 0.62 0.00	31.95 0.62 0.00	37.87 0.45 0.00	37.83 0.61 0.00	45.71 0.70 -0.12	53.91 0.64 -1.21	56.05 0.58 -0.43	56.33 0.92 -0.41	51.84 1.01 0.00	63.32 1.42 -0.67	80.37 1.69 -1.45	74.19 1.48 -0.64	82.05 1.86 -2.26	89.33 1.80 -0.84	81.15 1.98 -0.04	85.76 2.46 -0.01	67.52 2.04 -0.19	92.72 3.30 -3.48	94.56 3.49 -3.71	99.82 3.48 -5.65	93.30 2.57 -4.10	62.86 1.60 -0.78
STATION_5_MISC_HYD 23604	53.47 2.88 0.00	49.31 1.90 0.00	40.76 0.99 0.00	32.02 0.69 0.00	37.80 0.39 0.00	37.88 0.66 0.00	45.83 0.94 0.00	52.98 0.91 0.00	56.82 1.78 0.00	57.69 2.68 0.00	53.23 2.40 0.00	64.69 3.46 0.00	81.79 4.56 0.00	76.01 3.94 0.00	82.57 4.65 0.00	91.65 4.97 0.00	83.33 4.20 0.00	88.00 4.70 0.00	68.50 3.21 0.00	90.12 4.19 0.00	92.35 4.98 0.00	96.35 5.66 0.00	90.71 4.08 0.00	63.21 2.72 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	53.05 2.24 -0.23	49.08 1.46 -0.22	40.54 0.77 0.00	31.87 0.53 0.00	37.68 0.26 0.00	37.74 0.51 0.00	45.64 0.70 -0.05	53.20 0.60 -0.52	56.45 1.22 -0.19	57.06 1.88 -0.18	52.59 1.76 0.00	64.10 2.57 -0.29	81.35 3.49 -0.63	75.32 2.98 -0.28	82.47 3.56 -0.98	90.91 3.97 -0.25	82.75 3.62 -0.01	87.35 4.05 0.00	68.31 2.94 -0.08	91.30 3.87 -1.50	93.29 4.34 -1.59	97.84 4.72 -2.42	91.76 3.38 -1.76	63.00 2.18 -0.33
STA_56_34_KV_BUS2_REV_LBMP_B 345033	53.07 2.48 0.00	48.98 1.56 0.00	40.52 0.75 0.00	31.83 0.50 0.00	37.60 0.18 0.00	37.66 0.44 0.00	45.55 0.67 0.00	52.69 0.62 0.00	56.48 1.44 0.00	57.32 2.31 0.00	52.92 2.10 0.00	64.29 3.06 0.00	81.27 4.03 0.00	75.53 3.47 0.00	82.06 4.13 0.00	91.18 4.50 0.00	82.91 3.78 0.00	87.51 4.22 0.00	68.16 2.87 0.00	89.64 3.71 0.00	91.80 4.44 0.00	95.77 5.08 0.00	90.17 3.54 0.00	62.78 2.29 0.00
STA_56___34_KV_BUS2 355983	53.07 2.48 0.00	48.98 1.56 0.00	40.52 0.75 0.00	31.83 0.50 0.00	37.60 0.18 0.00	37.66 0.44 0.00	45.55 0.67 0.00	52.69 0.62 0.00	56.48 1.44 0.00	57.32 2.31 0.00	52.92 2.10 0.00	64.29 3.06 0.00	81.27 4.03 0.00	75.53 3.47 0.00	82.06 4.13 0.00	91.18 4.50 0.00	82.91 3.78 0.00	87.51 4.22 0.00	68.16 2.87 0.00	89.64 3.71 0.00	91.80 4.44 0.00	95.77 5.08 0.00	90.17 3.54 0.00	62.78 2.29 0.00
STA_67___115KV_BK2 355882	53.30 2.71 0.00	49.17 1.75 0.00	40.66 0.89 0.00	31.94 0.60 0.00	37.71 0.29 0.00	37.78 0.56 0.00	45.70 0.81 0.00	52.82 0.75 0.00	56.65 1.61 0.00	57.48 2.48 0.00	53.04 2.21 0.00	64.47 3.24 0.00	81.47 4.24 0.00	75.68 3.61 0.00	82.21 4.29 0.00	91.28 4.59 0.00	82.97 3.84 0.00	87.59 4.29 0.00	68.18 2.89 0.00	89.70 3.77 0.00	91.97 4.61 0.00	96.01 5.31 0.00	90.39 3.76 0.00	63.00 2.52 0.00
STA_7___115KV_9TRANS 80674	53.85 3.26 0.00	49.63 2.22 0.00	41.02 1.24 0.00	32.21 0.88 0.00	38.03 0.61 0.00	38.10 0.88 0.00	46.10 1.21 0.00	53.32 1.26 0.00	57.23 2.19 0.00	58.08 3.07 0.00	53.67 2.84 0.00	65.30 4.07 0.00	82.56 5.32 0.00	76.74 4.67 0.00	83.36 5.43 0.00	92.56 5.87 0.00	84.20 5.08 0.00	88.96 5.66 0.00	69.28 3.99 0.00	91.08 5.15 0.00	93.24 5.88 0.00	97.16 6.47 0.00	91.39 4.76 0.00	63.66 3.17 0.00
STA_82___115KV_TB1 80780	53.31 2.72 0.00	49.18 1.77 0.00	40.67 0.90 0.00	31.95 0.62 0.00	37.72 0.31 0.00	37.79 0.57 0.00	45.71 0.82 0.00	52.83 0.77 0.00	56.65 1.61 0.00	57.51 2.51 0.00	53.07 2.24 0.00	64.48 3.25 0.00	81.49 4.26 0.00	75.69 3.63 0.00	82.22 4.30 0.00	91.30 4.61 0.00	82.98 3.86 0.00	87.62 4.32 0.00	68.20 2.91 0.00	89.72 3.79 0.00	92.02 4.66 0.00	96.05 5.35 0.00	90.43 3.80 0.00	63.01 2.53 0.00
STEEL___WIND 323596	54.37 3.78 0.00	49.83 2.42 0.00	40.88 1.11 0.00	32.11 0.78 0.00	37.68 0.27 0.00	37.92 0.70 0.00	45.85 0.96 0.00	52.96 0.89 0.00	57.18 2.14 0.00	58.51 3.51 0.00	53.75 2.92 0.00	65.33 4.10 0.00	82.50 5.26 0.00	76.32 4.25 0.00	83.17 5.24 0.00	92.17 5.49 0.00	83.99 4.87 0.00	88.59 5.30 0.00	68.60 3.31 0.00	90.29 4.36 0.00	93.22 5.85 0.00	97.49 6.80 0.00	91.41 4.78 0.00	63.86 3.37 0.00
STEPHTWN_115KV_BK_2 55603	50.26 -0.09 0.24	47.20 0.07 0.28	40.13 0.35 0.00	31.77 0.43 0.00	37.77 0.35 0.00	37.63 0.40 0.00	45.18 0.30 0.00	52.23 0.17 0.00	54.99 -0.05 0.00	54.73 -0.27 0.00	50.36 -0.11 0.36	59.12 -0.22 1.89	77.04 -0.11 0.08	72.27 0.20 0.00	78.49 0.56 0.00	87.87 1.19 0.00	80.61 1.49 0.00	85.28 1.98 0.00	66.99 1.70 0.00	87.36 1.43 0.00	88.34 0.98 0.00	91.05 0.35 0.00	86.63 0.01 0.00	60.31 -0.17 0.00
STEUBEN_REC_LFGE 323667	54.51 3.92 0.00	50.17 2.76 0.00	41.55 1.78 0.00	32.80 1.47 0.00	38.52 1.10 0.00	38.72 1.50 0.00	46.78 1.90 0.00	53.82 1.76 0.00	57.67 2.63 0.00	58.26 3.26 0.00	53.61 2.78 0.00	64.96 3.73 0.00	82.13 4.90 0.00	75.84 3.77 0.00	82.42 4.49 0.00	91.70 5.01 0.00	84.28 5.16 0.00	89.10 5.80 0.00	69.38 4.09 0.00	91.95 6.02 0.00	94.24 6.88 0.00	98.34 7.65 0.00	91.90 5.27 0.00	64.11 3.62 0.00
STILLWATER___SOLAR 323814	52.04 1.74 0.29	48.70 1.64 0.35	41.44 1.67 0.00	32.76 1.43 0.00	38.94 1.53 0.00	38.81 1.58 0.00	46.61 1.73 0.00	53.78 1.71 0.00	56.60 1.56 0.00	56.16 1.15 0.00	51.51 1.11 0.43	60.01 1.08 2.30	78.59 1.46 0.10	73.68 1.62 0.00	80.05 2.12 0.00	89.92 3.24 0.00	82.34 3.21 0.00	87.17 3.88 0.00	68.88 3.58 0.00	90.26 4.33 0.00	91.68 4.31 0.00	94.69 4.00 0.00	90.10 3.47 0.00	62.84 2.35 0.00
STONY___BROOK 24151	29.69 0.88 21.79	31.85 0.74 16.30	40.90 1.14 0.01	32.41 1.08 0.00	38.20 0.79 0.01	38.29 1.07 0.00	26.22 1.00 19.68	29.90 0.99 23.16	37.08 0.69 18.65	41.81 0.61 13.80	43.50 1.58 8.91	43.56 1.92 19.59	44.75 2.73 35.21	45.29 2.55 29.32	45.42 2.93 35.44	71.09 4.05 19.65	76.08 5.05 8.09	88.60 5.31 0.00	68.79 3.53 0.03	84.05 2.75 4.63	68.68 1.55 20.24	55.10 0.67 36.26	62.54 0.06 24.15	42.52 0.16 18.12
STURGEON_POOL_HYD 23609	0.30 1.63 51.92	49.19 1.60 -0.18	41.51 1.74 0.00	32.82 1.49 0.00	38.86 1.44 0.00	38.68 1.45 0.00	46.65 1.76 0.00	53.73 1.67 0.00	56.61 1.57 0.00	56.38 1.37 0.00	52.90 1.84 -0.23	64.74 2.30 -1.22	80.49 3.20 -0.05	75.14 3.07 0.00	81.57 3.64 0.00	91.54 4.86 0.00	84.51 5.39 0.00	89.07 5.77 0.00	69.54 4.24 0.00	90.12 4.19 0.00	90.76 3.40 0.00	93.33 2.63 0.00	88.63 2.00 0.00	62.01 1.52 0.00

ST_LAW_115_BK7_LBMP 345037	50.08 -0.51 0.00	47.17 -0.24 0.00	39.26 -0.51 0.00	30.74 -0.59 0.00	37.15 -0.27 0.00	36.96 -0.27 0.00	44.84 -0.05 0.00	52.36 0.29 0.00	55.44 0.39 0.00	55.46 0.46 0.00	50.70 -0.13 0.00	60.88 -0.35 0.00	76.56 -0.67 0.00	71.46 -0.61 0.00	77.21 -0.71 0.00	85.48 -1.21 0.00	77.27 -1.86 0.00	80.91 -2.39 0.00	63.50 -1.79 0.00	84.34 -1.59 0.00	86.22 -1.15 0.00	90.19 -0.50 0.00	86.75 0.12 0.00	60.48 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	50.08 -0.51 0.00	47.17 -0.24 0.00	39.26 -0.51 0.00	30.74 -0.59 0.00	37.15 -0.27 0.00	36.96 -0.27 0.00	44.84 -0.05 0.00	52.36 0.29 0.00	55.44 0.39 0.00	55.46 0.46 0.00	50.70 -0.13 0.00	60.88 -0.35 0.00	76.56 -0.67 0.00	71.46 -0.61 0.00	77.21 -0.71 0.00	85.48 -1.21 0.00	77.27 -1.86 0.00	80.91 -2.39 0.00	63.50 -1.79 0.00	84.34 -1.59 0.00	86.22 -1.15 0.00	90.19 -0.50 0.00	86.75 0.12 0.00	60.48 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	50.10 -0.49 0.00	47.18 -0.23 0.00	39.28 -0.49 0.00	30.77 -0.56 0.00	37.15 -0.26 0.00	36.97 -0.26 0.00	44.82 -0.07 0.00	52.32 0.25 0.00	55.41 0.36 0.00	55.44 0.43 0.00	50.72 -0.11 0.00	60.94 -0.30 0.00	76.64 -0.59 0.00	71.53 -0.54 0.00	77.30 -0.63 0.00	85.61 -1.08 0.00	77.43 -1.70 0.00	81.14 -2.15 0.00	63.67 -1.62 0.00	84.46 -1.48 0.00	86.29 -1.07 0.00	90.22 -0.47 0.00	86.71 0.08 0.00	60.44 -0.04 0.00
ST_LAW_230_BK6_LBMP 345036	50.10 -0.49 0.00	47.18 -0.23 0.00	39.28 -0.49 0.00	30.77 -0.56 0.00	37.15 -0.26 0.00	36.97 -0.26 0.00	44.82 -0.07 0.00	52.32 0.25 0.00	55.41 0.36 0.00	55.44 0.43 0.00	50.72 -0.11 0.00	60.94 -0.30 0.00	76.64 -0.59 0.00	71.53 -0.54 0.00	77.30 -0.63 0.00	85.61 -1.08 0.00	77.43 -1.70 0.00	81.14 -2.15 0.00	63.67 -1.62 0.00	84.46 -1.48 0.00	86.29 -1.07 0.00	90.22 -0.47 0.00	86.71 0.08 0.00	60.44 -0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.22 1.36 -0.27	49.06 1.33 -0.32	41.26 1.49 0.00	32.63 1.30 0.00	38.62 1.20 0.00	38.45 1.22 0.00	46.42 1.53 0.00	53.45 1.38 0.00	56.26 1.22 0.00	56.06 1.05 0.00	52.78 1.56 -0.39	65.25 1.92 -2.09	80.11 2.79 -0.09	74.73 2.67 0.00	80.95 3.02 0.00	90.76 4.08 0.00	83.76 4.64 0.00	88.40 5.11 0.00	68.97 3.67 0.00	89.46 3.53 0.00	90.18 2.81 0.00	92.82 2.13 0.00	88.21 1.59 0.00	61.72 1.24 0.00
SWANROAD_115KV_TB1 355699	53.66 3.08 0.00	49.17 1.76 0.00	40.26 0.49 0.00	31.58 0.24 0.00	37.08 -0.33 0.00	37.26 0.04 0.00	45.08 0.19 0.00	51.54 -0.53 0.00	55.49 0.45 0.00	56.87 1.87 0.00	52.08 1.25 0.00	63.41 2.18 0.00	79.94 2.71 0.00	73.87 1.81 0.00	80.52 2.60 0.00	89.15 2.46 0.00	80.83 1.71 0.00	85.21 1.92 0.00	65.91 0.62 0.00	86.72 0.79 0.00	89.82 2.46 0.00	94.57 3.88 0.00	88.81 2.18 0.00	62.45 1.97 0.00
SYNERGY___BIOGAS 323694	55.26 4.67 0.00	50.67 3.26 0.00	41.60 1.83 0.00	32.65 1.31 0.00	38.40 0.99 0.00	38.58 1.35 0.00	46.73 1.85 0.00	53.74 1.67 0.00	57.74 2.70 0.00	58.93 3.92 0.00	54.10 3.27 0.00	65.85 4.62 0.00	83.01 5.78 0.00	76.88 4.81 0.00	83.67 5.75 0.00	92.73 6.04 0.00	84.30 5.18 0.00	89.05 5.75 0.00	69.32 4.03 0.00	91.71 5.78 0.00	94.74 7.37 0.00	99.27 8.58 0.00	93.05 6.43 0.00	64.96 4.47 0.00
SYRACUSE___ENERGY_ST1 323597	52.06 0.56 -0.91	48.56 0.27 -0.89	39.93 0.16 0.00	31.52 0.18 0.00	37.41 -0.01 0.00	37.33 0.11 0.00	45.14 0.09 -0.15	53.61 -0.02 -1.55	55.69 0.09 -0.55	55.74 0.21 -0.53	51.09 0.26 0.00	62.56 0.46 -0.86	79.69 0.59 -1.87	73.23 0.34 -0.82	81.41 0.58 -2.90	88.36 0.68 -1.00	80.05 0.88 -0.05	84.42 1.11 -0.01	66.41 0.87 -0.25	91.64 1.22 -4.49	93.41 1.26 -4.79	99.13 1.16 -7.28	92.39 0.48 -5.29	61.68 0.19 -1.00
SYRACUSE___ENERGY_ST2 323598	52.06 0.56 -0.91	48.56 0.27 -0.89	39.93 0.16 0.00	31.52 0.18 0.00	37.41 -0.01 0.00	37.33 0.11 0.00	45.14 0.09 -0.15	53.61 -0.02 -1.55	55.69 0.09 -0.55	55.74 0.21 -0.53	51.09 0.26 0.00	62.56 0.46 -0.86	79.69 0.59 -1.87	73.23 0.34 -0.82	81.41 0.58 -2.90	88.36 0.68 -1.00	80.05 0.88 -0.05	84.42 1.11 -0.01	66.41 0.87 -0.25	91.64 1.22 -4.49	93.41 1.26 -4.79	99.13 1.16 -7.28	92.39 0.48 -5.29	61.68 0.19 -1.00
SYRACUSE___POWER 24017	51.43 0.54 -0.29	47.93 0.24 -0.28	39.90 0.13 0.00	31.49 0.16 0.00	37.38 -0.03 0.00	37.30 0.07 0.00	44.99 0.05 -0.05	52.48 -0.08 -0.49	55.29 0.07 -0.17	55.35 0.18 -0.17	51.13 0.30 0.00	62.04 0.53 -0.27	78.67 0.85 -0.59	73.02 0.69 -0.26	79.82 0.97 -0.91	88.19 1.19 -0.32	80.52 1.38 -0.02	84.91 1.61 0.00	66.63 1.26 -0.08	89.02 1.67 -1.42	90.54 1.67 -1.51	94.58 1.59 -2.30	89.13 0.84 -1.67	61.24 0.44 -0.32
TALLMAN_138KV_BK151 55660	52.43 1.56 -0.28	49.26 1.51 -0.33	41.44 1.67 0.00	32.77 1.44 0.00	38.76 1.35 0.00	38.59 1.36 0.00	46.67 1.78 0.00	54.07 1.64 -0.36	56.91 1.45 -0.42	56.61 1.27 -0.33	53.28 1.85 -0.60	66.11 2.28 -2.60	81.39 3.25 -0.91	75.77 3.06 -0.64	82.18 3.40 -0.85	91.71 4.59 -0.43	84.32 5.13 -0.07	88.95 5.65 0.00	69.35 4.06 0.00	89.75 3.82 0.00	90.36 2.99 0.00	92.95 2.26 0.00	88.36 1.73 0.00	61.87 1.39 0.00
TEALLAVE_115KV_TB7 355573	51.14 0.27 -0.27	47.67 -0.01 -0.27	39.68 -0.09 0.00	31.30 -0.03 0.00	37.17 -0.25 0.00	37.09 -0.13 0.00	44.72 -0.21 -0.05	52.17 -0.36 -0.46	55.01 -0.19 -0.17	55.13 -0.03 -0.16	50.93 0.10 0.00	61.80 0.31 -0.26	78.36 0.56 -0.56	72.73 0.42 -0.25	79.46 0.67 -0.87	87.81 0.83 -0.30	80.16 1.01 -0.02	84.51 1.21 0.00	66.26 0.89 -0.07	88.40 1.13 -1.34	89.95 1.16 -1.43	93.93 1.07 -2.17	88.60 0.39 -1.58	60.93 0.14 -0.30
TELGRAPH_34_KV_EAST 80808	54.35 3.76 0.00	49.81 2.40 0.00	40.84 1.07 0.00	32.04 0.70 0.00	37.66 0.24 0.00	37.84 0.62 0.00	45.79 0.90 0.00	52.57 0.51 0.00	56.58 1.55 0.00	57.90 2.90 0.00	53.08 2.24 0.00	64.61 3.38 0.00	81.51 4.28 0.00	75.36 3.29 0.00	82.06 4.14 0.00	90.92 4.24 0.00	82.59 3.46 0.00	87.10 3.80 0.00	67.56 2.26 0.00	89.04 3.11 0.00	92.11 4.74 0.00	96.71 6.02 0.00	90.75 4.12 0.00	63.55 3.06 0.00
TEMPLE___115KV_TB 2 55572	51.10 0.29 -0.22	47.63 0.00 -0.22	39.69 -0.08 0.00	31.32 -0.01 0.00	37.18 -0.23 0.00	37.10 -0.12 0.00	44.75 -0.17 -0.04	52.10 -0.34 -0.37	55.00 -0.18 -0.13	55.12 -0.01 -0.13	50.95 0.12 0.00	61.78 0.34 -0.21	78.30 0.62 -0.45	72.74 0.48 -0.20	79.34 0.72 -0.70	87.80 0.87 -0.24	80.20 1.06 -0.01	84.57 1.27 0.00	66.29 0.94 -0.06	88.21 1.20 -1.08	89.68 1.17 -1.15	93.56 1.12 -1.74	88.31 0.42 -1.27	60.89 0.16 -0.24
TIANA___69_KV_BK 1 55817	30.12 1.42 21.90	32.09 1.07 16.39	41.10 1.33 0.01	32.57 1.24 0.00	38.36 0.95 0.01	38.48 1.26 0.00	26.43 1.32 19.77	30.33 1.52 23.26	37.59 1.28 18.73	42.53 1.38 13.86	43.95 2.08 8.95	43.96 2.41 19.68	45.30 3.42 35.36	45.82 3.20 29.45	45.95 3.62 35.59	72.01 5.06 19.73	77.17 6.18 8.13	90.08 6.78 0.00	69.94 4.68 0.03	87.07 4.25 3.11	70.68 3.17 19.85	56.46 2.19 36.42	63.64 1.28 24.27	43.17 0.89 18.21

TILDEN___115KV_TB1 80814	51.43 0.54 -0.29	47.93 0.24 -0.28	39.90 0.13 0.00	31.49 0.16 0.00	37.38 -0.03 0.00	37.30 0.07 0.00	44.99 0.05 -0.05	52.48 -0.08 -0.49	55.29 0.07 -0.17	55.35 0.18 -0.17	51.13 0.30 0.00	62.04 0.53 -0.27	78.67 0.85 -0.59	73.02 0.69 -0.26	79.82 0.97 -0.91	88.19 1.19 -0.32	80.52 1.38 -0.02	84.91 1.61 0.00	66.63 1.26 -0.08	89.02 1.67 -1.42	90.54 1.67 -1.51	94.58 1.59 -2.30	89.13 0.84 -1.67	61.24 0.44 -0.32
TRIGEN___CC 323695	49.78 1.09 1.91	47.20 1.10 1.30	41.20 1.43 0.00	32.60 1.27 0.00	38.51 1.10 0.00	38.49 1.26 0.00	44.29 1.38 1.97	53.51 1.31 -0.13	57.04 1.10 -0.90	56.72 0.97 -0.74	53.01 1.70 -0.48	64.92 1.93 -1.76	81.69 2.83 -1.63	75.51 2.64 -0.80	83.19 3.05 -2.21	92.28 4.20 -1.39	84.33 4.98 -0.23	88.68 5.37 -0.02	69.17 3.76 -0.12	89.31 3.38 0.01	85.71 2.77 4.42	84.11 1.94 8.52	83.42 1.06 4.27	58.53 0.90 2.86
TRINITY___115KV___4 BK 55933	49.95 -0.40 0.24	46.84 -0.28 0.29	39.92 0.15 0.00	31.59 0.26 0.00	37.54 0.12 0.00	37.36 0.13 0.00	44.83 -0.06 0.00	51.78 -0.30 0.00	54.53 -0.51 0.00	54.16 -0.85 0.00	49.91 -0.57 0.36	58.54 -0.79 1.90	76.32 -0.83 0.08	71.50 -0.57 0.00	77.62 -0.31 0.00	86.72 0.04 0.00	79.50 0.38 0.00	84.02 0.72 0.00	66.02 0.73 0.00	86.13 0.20 0.00	87.24 -0.12 0.00	90.01 -0.69 0.00	85.74 -0.89 0.00	60.04 -0.45 0.00
UNION___PROCESSING_DRP 323587	53.33 2.74 0.00	49.20 1.79 0.00	40.68 0.91 0.00	31.96 0.62 0.00	37.73 0.31 0.00	37.80 0.58 0.00	45.72 0.84 0.00	52.85 0.78 0.00	56.68 1.64 0.00	57.52 2.52 0.00	53.08 2.25 0.00	64.49 3.26 0.00	81.51 4.27 0.00	75.71 3.64 0.00	82.27 4.35 0.00	91.32 4.64 0.00	83.00 3.88 0.00	87.64 4.34 0.00	68.23 2.94 0.00	89.78 3.85 0.00	92.06 4.69 0.00	96.09 5.40 0.00	90.46 3.83 0.00	63.04 2.56 0.00
UPPER HUDSON___HYD 24058	52.29 1.96 0.26	48.87 1.77 0.31	41.57 1.80 0.00	32.85 1.52 0.00	39.04 1.62 0.00	38.93 1.71 0.00	46.72 1.84 0.00	53.90 1.83 0.00	56.70 1.66 0.00	56.18 1.18 0.00	51.43 0.99 0.39	60.05 0.90 2.08	78.46 1.31 0.09	73.51 1.44 0.00	80.03 2.10 0.00	90.09 3.41 0.00	82.38 3.26 0.00	87.28 3.99 0.00	69.40 4.11 0.00	91.06 5.12 0.00	92.63 5.26 0.00	95.78 5.09 0.00	91.12 4.49 0.00	63.49 3.01 0.00
UPPER RAQUET___HYD 24056	51.23 0.64 0.00	48.16 0.75 0.00	40.01 0.23 0.00	31.29 -0.04 0.00	37.87 0.45 0.00	37.74 0.51 0.00	45.88 0.99 0.00	53.51 1.44 0.00	56.60 1.57 0.00	56.26 1.25 0.00	51.26 0.43 0.00	60.98 -0.25 0.00	76.35 -0.89 0.00	70.95 -1.12 0.00	76.70 -1.23 0.00	84.92 -1.76 0.00	76.52 -2.61 0.00	79.74 -3.57 0.00	62.99 -2.30 0.00	84.90 -1.03 0.00	87.09 -0.28 0.00	91.64 0.95 0.00	88.35 1.72 0.00	61.76 1.27 0.00
VALLEY44_115KV_TB2 355964	53.48 2.89 0.00	49.29 1.88 0.00	40.70 0.93 0.00	32.13 0.79 0.00	37.74 0.33 0.00	37.89 0.66 0.00	45.89 1.01 0.00	52.99 0.92 0.00	56.79 1.75 0.00	57.83 2.83 0.00	53.16 2.33 0.00	64.05 2.82 0.00	80.75 3.52 0.00	74.74 2.67 0.00	80.67 2.74 0.00	89.47 2.79 0.00	82.22 3.09 0.00	86.77 3.47 0.00	67.26 1.97 0.00	88.50 2.57 0.00	91.12 3.75 0.00	95.17 4.48 0.00	89.52 2.89 0.00	62.64 2.15 0.00
VALLEY___115KV_TB 1-4 80826	51.09 0.50 0.00	47.81 0.40 0.00	40.40 0.63 0.00	31.98 0.65 0.00	37.97 0.55 0.00	37.82 0.59 0.00	45.32 0.43 0.00	52.16 0.09 0.00	54.71 -0.33 0.00	54.32 -0.69 0.00	50.31 -0.52 0.00	60.62 -0.61 0.00	76.64 -0.59 0.00	71.96 -0.11 0.00	77.92 -0.01 0.00	87.24 0.56 0.00	80.23 1.11 0.00	85.27 1.98 0.00	67.21 1.92 0.00	88.16 2.23 0.00	89.66 2.29 0.00	92.55 1.86 0.00	87.87 1.24 0.00	61.17 0.68 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.75 2.16 0.00	49.42 2.01 0.00	41.67 1.90 0.00	32.92 1.58 0.00	39.07 1.66 0.00	38.81 1.59 0.00	46.68 1.79 0.00	53.96 1.90 0.00	57.14 2.10 0.00	57.17 2.17 0.00	53.15 2.32 0.00	64.17 2.94 0.00	81.11 3.88 0.00	75.69 3.62 0.00	81.95 4.03 0.00	91.46 4.78 0.00	83.99 4.86 0.00	88.79 5.49 0.00	69.51 4.22 0.00	91.13 5.20 0.00	92.26 4.90 0.00	95.24 4.54 0.00	90.38 3.76 0.00	63.09 2.61 0.00
VISCHER___FERRY HYD 24020	50.97 0.74 0.36	47.74 0.75 0.43	40.76 0.99 0.00	32.26 0.92 0.00	38.32 0.91 0.00	38.19 0.97 0.00	45.84 0.95 0.00	52.89 0.83 0.00	55.66 0.62 0.00	55.19 0.19 0.00	50.61 0.32 0.54	58.61 0.22 2.84	77.50 0.39 0.12	72.64 0.57 0.00	78.90 0.97 0.00	88.41 1.73 0.00	80.93 1.81 0.00	85.56 2.26 0.00	67.39 2.10 0.00	88.03 2.10 0.00	89.35 1.98 0.00	92.23 1.54 0.00	87.86 1.23 0.00	61.39 0.90 0.00
V_A_10_SYNC_DSASP 323832	53.26 2.67 0.00	48.99 1.58 0.00	40.32 0.55 0.00	31.67 0.34 0.00	37.27 -0.14 0.00	37.40 0.17 0.00	45.23 0.34 0.00	52.12 0.05 0.00	56.09 1.04 0.00	57.21 2.20 0.00	52.60 1.78 0.00	63.93 2.70 0.00	80.67 3.44 0.00	74.70 2.63 0.00	81.24 3.31 0.00	89.95 3.26 0.00	81.34 2.22 0.00	85.77 2.47 0.00	66.47 1.18 0.00	87.45 1.52 0.00	90.28 2.91 0.00	94.89 4.20 0.00	89.37 2.74 0.00	62.45 1.97 0.00
V_CMM_10_SYNC_DSASP 323787	50.37 -0.22 0.00	47.44 0.03 0.00	39.48 -0.29 0.00	30.92 -0.42 0.00	37.34 -0.07 0.00	37.17 -0.06 0.00	45.08 0.19 0.00	52.64 0.57 0.00	55.74 0.70 0.00	55.78 0.78 0.00	50.98 0.15 0.00	61.22 -0.01 0.00	76.98 -0.25 0.00	71.87 -0.19 0.00	77.66 -0.27 0.00	85.98 -0.71 0.00	77.69 -1.43 0.00	81.40 -1.90 0.00	63.89 -1.40 0.00	84.84 -1.09 0.00	86.72 -0.65 0.00	90.73 0.04 0.00	87.24 0.62 0.00	60.84 0.35 0.00
V_CMP_10_SYNC_DSASP 323788	50.35 -0.24 0.00	47.37 -0.04 0.00	39.33 -0.45 0.00	30.73 -0.60 0.00	37.06 -0.36 0.00	36.96 -0.26 0.00	44.86 -0.03 0.00	52.21 0.15 0.00	55.31 0.27 0.00	55.34 0.34 0.00	50.60 -0.23 0.00	60.81 -0.42 0.00	76.47 -0.76 0.00	71.50 -0.57 0.00	77.32 -0.60 0.00	85.57 -1.11 0.00	77.30 -1.83 0.00	81.07 -2.23 0.00	63.63 -1.66 0.00	84.60 -1.34 0.00	86.49 -0.87 0.00	90.50 -0.19 0.00	86.88 0.25 0.00	60.48 0.00 0.00
V_D_10_SYNC_DSASP 323841	50.73 0.14 0.00	47.75 0.34 0.00	39.72 -0.05 0.00	31.11 -0.23 0.00	37.59 0.17 0.00	37.42 0.20 0.00	45.46 0.57 0.00	53.06 0.99 0.00	56.18 1.15 0.00	56.16 1.15 0.00	51.28 0.45 0.00	61.43 0.20 0.00	77.18 -0.05 0.00	72.02 -0.04 0.00	77.82 -0.11 0.00	86.17 -0.51 0.00	77.80 -1.32 0.00	81.14 -2.16 0.00	63.86 -1.43 0.00	85.26 -0.67 0.00	87.19 -0.17 0.00	91.31 0.62 0.00	87.83 1.20 0.00	61.25 0.77 0.00
V_E_10_SYNC_DSASP 323830	55.32 4.73 0.00	51.48 4.07 0.00	42.94 3.17 0.00	33.90 2.56 0.00	40.39 2.97 0.00	40.51 3.29 0.00	48.72 3.83 0.00	56.41 4.35 0.00	59.77 4.72 0.00	59.52 4.51 0.00	55.04 4.21 0.00	66.59 5.36 0.00	84.38 7.15 0.00	78.63 6.57 0.00	85.67 7.74 0.00	95.26 8.58 0.00	87.40 8.27 0.00	92.98 9.69 0.00	73.26 7.96 0.00	97.15 11.21 0.00	98.81 11.45 0.00	102.16 11.47 0.00	95.71 9.08 0.00	66.11 5.62 0.00

V_F_30_NSYNC___DSASP 323816	52.15 1.84 0.28	48.81 1.73 0.33	41.50 1.73 0.00	32.80 1.47 0.00	38.99 1.58 0.00	38.86 1.64 0.00	46.69 1.81 0.00	53.88 1.81 0.00	56.73 1.70 0.00	56.30 1.30 0.00	51.67 1.26 0.42	60.34 1.30 2.20	78.91 1.77 0.09	73.98 1.91 0.00	80.35 2.43 0.00	90.23 3.54 0.00	82.63 3.51 0.00	87.45 4.16 0.00	69.07 3.77 0.00	90.51 4.57 0.00	91.91 4.55 0.00	94.90 4.21 0.00	90.28 3.66 0.00	62.97 2.48 0.00
V_F_30_SYNC_DSASP 323786	50.30 -0.05 0.25	47.15 0.03 0.29	40.16 0.39 0.00	31.77 0.44 0.00	37.74 0.32 0.00	37.57 0.34 0.00	45.12 0.23 0.00	52.11 0.05 0.00	54.88 -0.16 0.00	54.56 -0.44 0.00	50.27 -0.19 0.37	58.99 -0.30 1.94	76.98 -0.17 0.08	72.10 0.03 0.00	78.31 0.39 0.00	87.43 0.75 0.00	80.19 1.07 0.00	84.73 1.44 0.00	66.57 1.28 0.00	86.90 0.97 0.00	87.99 0.62 0.00	90.78 0.08 0.00	86.41 -0.22 0.00	60.47 -0.02 0.00
V_XM_10_SYNC_DSASP 323789	50.35 -0.24 0.00	47.37 -0.04 0.00	39.33 -0.45 0.00	30.73 -0.60 0.00	37.06 -0.36 0.00	36.96 -0.26 0.00	44.86 -0.03 0.00	52.21 0.15 0.00	55.31 0.27 0.00	55.34 0.34 0.00	50.60 -0.23 0.00	60.81 -0.42 0.00	76.47 -0.76 0.00	71.50 -0.57 0.00	77.32 -0.60 0.00	85.57 -1.11 0.00	77.30 -1.83 0.00	81.07 -2.23 0.00	63.63 -1.66 0.00	84.60 -1.34 0.00	86.49 -0.87 0.00	90.50 -0.19 0.00	86.88 0.25 0.00	60.48 0.00 0.00
W.BABYLN_69_KV_BK1 56697	33.19 1.57 18.97	34.70 1.46 14.17	41.50 1.74 0.01	32.86 1.52 0.00	38.76 1.35 0.01	38.83 1.61 0.00	29.40 1.68 17.17	33.36 1.69 20.39	39.99 1.46 16.52	44.14 1.39 12.25	45.18 2.19 7.84	46.65 2.51 17.09	49.60 3.56 31.20	49.44 3.36 25.98	50.35 3.78 31.36	74.57 5.18 17.30	78.27 6.13 6.98	89.97 6.68 0.00	69.96 4.67 0.00	87.93 4.41 2.41	73.50 3.56 17.43	61.20 2.67 32.16	67.14 1.78 21.27	45.90 1.33 15.92
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.65 1.77 -0.29	49.45 1.70 -0.34	41.59 1.81 0.00	32.88 1.55 0.00	38.90 1.48 0.00	38.74 1.51 0.00	46.84 1.96 0.00	54.31 1.87 -0.38	57.18 1.70 -0.45	56.89 1.53 -0.35	53.52 2.08 -0.61	66.46 2.57 -2.67	81.80 3.61 -0.95	76.16 3.42 -0.67	82.64 3.83 -0.89	92.23 5.09 -0.45	84.78 5.58 -0.07	89.41 6.11 0.00	69.70 4.40 0.00	90.21 4.28 0.00	90.83 3.47 0.00	93.43 2.74 0.00	88.77 2.14 0.00	62.13 1.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.70 1.80 -0.31	49.60 1.83 -0.37	41.73 1.96 0.00	33.02 1.68 0.00	39.05 1.63 0.00	38.91 1.68 0.00	47.07 2.18 0.00	54.69 2.10 -0.53	57.54 1.87 -0.63	57.23 1.73 -0.49	53.87 2.32 -0.72	66.87 2.66 -2.98	82.18 3.64 -1.31	76.51 3.49 -0.95	83.12 3.94 -1.25	92.49 5.17 -0.64	84.98 5.74 -0.10	89.54 6.24 0.00	69.75 4.46 0.00	90.09 4.16 0.00	90.64 3.27 0.00	93.16 2.47 0.00	88.47 1.84 0.00	61.94 1.46 0.00
W50THST__13_KV_LOAD 356117	53.06 2.16 -0.31	49.96 2.18 -0.37	42.04 2.27 0.00	33.25 1.92 0.00	39.29 1.88 0.00	39.17 1.95 0.00	47.43 2.54 0.00	55.14 2.55 -0.52	58.03 2.36 -0.62	57.73 2.23 -0.49	54.35 2.81 -0.72	67.44 3.24 -2.97	82.84 4.31 -1.29	77.11 4.11 -0.94	83.77 4.60 -1.24	93.21 5.89 -0.63	85.64 6.41 -0.10	90.24 6.94 0.00	70.24 4.95 0.00	90.65 4.72 0.00	91.19 3.83 0.00	93.71 3.02 0.00	88.93 2.30 0.00	62.26 1.78 0.00
WADING RIVER_IC_1 23522	29.25 0.56 21.91	31.28 0.26 16.39	40.46 0.69 0.01	32.07 0.74 0.00	37.78 0.37 0.01	37.87 0.65 0.00	25.68 0.57 19.78	29.53 0.74 23.28	36.72 0.42 18.74	41.52 0.39 13.87	42.90 1.02 8.96	42.72 1.19 19.69	43.62 1.76 35.37	44.28 1.67 29.46	44.28 1.96 35.61	70.04 3.10 19.74	75.33 4.35 8.14	88.09 4.80 0.00	68.46 3.20 0.03	85.22 2.37 3.08	68.80 1.28 19.85	54.52 0.27 36.44	61.83 -0.52 24.28	41.93 -0.34 18.22
WADING RIVER_IC_2 23547	29.25 0.56 21.91	31.28 0.26 16.39	40.46 0.69 0.01	32.07 0.74 0.00	37.78 0.37 0.01	37.87 0.65 0.00	25.68 0.57 19.78	29.53 0.74 23.28	36.72 0.42 18.74	41.52 0.39 13.87	42.90 1.02 8.96	42.72 1.19 19.69	43.62 1.76 35.37	44.28 1.67 29.46	44.28 1.96 35.61	70.04 3.10 19.74	75.33 4.35 8.14	88.09 4.80 0.00	68.46 3.20 0.03	85.22 2.37 3.08	68.80 1.28 19.85	54.52 0.27 36.44	61.83 -0.52 24.28	41.93 -0.34 18.22
WADING RIVER_IC_3 23601	29.25 0.56 21.91	31.28 0.26 16.39	40.46 0.69 0.01	32.07 0.74 0.00	37.78 0.37 0.01	37.87 0.65 0.00	25.68 0.57 19.78	29.53 0.74 23.28	36.72 0.42 18.74	41.52 0.39 13.87	42.90 1.02 8.96	42.72 1.19 19.69	43.62 1.76 35.37	44.28 1.67 29.46	44.28 1.96 35.61	70.04 3.10 19.74	75.33 4.35 8.14	88.09 4.80 0.00	68.46 3.20 0.03	85.22 2.37 3.08	68.80 1.28 19.85	54.52 0.27 36.44	61.83 -0.52 24.28	41.93 -0.34 18.22
WALDENNY_12_KV_BK2 80841	54.53 3.94 0.00	49.97 2.56 0.00	40.96 1.19 0.00	32.18 0.85 0.00	37.79 0.37 0.00	38.00 0.78 0.00	45.95 1.06 0.00	53.02 0.96 0.00	57.22 2.18 0.00	58.60 3.59 0.00	53.87 3.04 0.00	65.56 4.33 0.00	82.72 5.49 0.00	76.53 4.46 0.00	83.45 5.52 0.00	92.46 5.77 0.00	84.21 5.09 0.00	88.84 5.55 0.00	68.76 3.47 0.00	90.43 4.50 0.00	93.24 5.88 0.00	97.66 6.97 0.00	91.52 4.89 0.00	63.97 3.48 0.00
WALDEN__HYDRO 24148	52.58 1.75 -0.24	49.38 1.69 -0.28	41.56 1.79 0.00	32.85 1.52 0.00	38.88 1.47 0.00	38.72 1.50 0.00	46.75 1.87 0.00	53.86 1.80 0.00	56.72 1.68 0.00	56.44 1.43 0.00	53.00 1.81 -0.36	65.35 2.21 -1.91	80.48 3.17 -0.08	75.13 3.06 0.00	81.45 3.52 0.00	91.37 4.68 0.00	84.37 5.24 0.00	89.08 5.78 0.00	69.54 4.24 0.00	90.20 4.27 0.00	90.91 3.54 0.00	93.53 2.84 0.00	88.84 2.21 0.00	62.10 1.61 0.00
WARRENSBURG____ 23737	52.29 1.96 0.26	48.87 1.77 0.31	41.57 1.80 0.00	32.85 1.52 0.00	39.04 1.62 0.00	38.93 1.71 0.00	46.72 1.83 0.00	53.90 1.83 0.00	56.70 1.66 0.00	56.18 1.17 0.00	51.43 0.99 0.39	60.04 0.89 2.08	78.46 1.31 0.09	73.51 1.44 0.00	80.03 2.10 0.00	90.08 3.40 0.00	82.38 3.26 0.00	87.28 3.99 0.00	69.40 4.10 0.00	91.06 5.13 0.00	92.63 5.26 0.00	95.79 5.09 0.00	91.12 4.49 0.00	63.49 3.01 0.00
WATERSIDE____6 8 9 23538	52.57 1.67 -0.31	49.55 1.77 -0.37	41.70 1.93 0.00	32.99 1.65 0.00	39.05 1.64 0.00	38.91 1.68 0.00	47.05 2.16 0.00	54.63 2.08 -0.48	57.42 1.81 -0.57	57.10 1.65 -0.45	53.77 2.24 -0.69	66.62 2.46 -2.93	81.79 3.37 -1.19	76.19 3.26 -0.86	82.73 3.67 -1.14	92.16 4.90 -0.58	84.71 5.49 -0.09	89.24 5.95 0.00	69.52 4.23 0.00	89.77 3.84 0.00	90.28 2.91 0.00	92.73 2.04 0.00	88.05 1.43 0.00	61.70 1.21 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.88 0.29 0.00	47.64 0.23 0.00	40.20 0.43 0.00	31.79 0.46 0.00	37.77 0.36 0.00	37.62 0.40 0.00	45.15 0.26 0.00	52.06 0.00 0.00	54.71 -0.33 0.00	54.41 -0.59 0.00	50.37 -0.46 0.00	60.70 -0.53 0.00	76.71 -0.52 0.00	71.88 -0.19 0.00	77.83 -0.09 0.00	86.99 0.30 0.00	79.88 0.75 0.00	84.69 1.39 0.00	66.66 1.37 0.00	87.48 1.55 0.00	88.92 1.55 0.00	91.88 1.19 0.00	87.37 0.74 0.00	60.88 0.39 0.00

WDELAWARE___HYD 323627	32.58 0.32 18.34	47.93 0.29 -0.23	40.33 0.56 0.00	31.86 0.52 0.00	37.71 0.30 0.00	37.55 0.32 0.00	45.30 0.41 0.00	52.23 0.17 0.00	55.01 -0.03 0.00	54.83 -0.18 0.00	51.42 0.31 -0.29	63.50 0.74 -1.53	78.32 1.02 -0.06	73.27 1.20 0.00	79.43 1.51 0.00	89.13 2.44 0.00	82.43 3.31 0.00	87.15 3.85 0.00	68.17 2.88 0.00	88.73 2.80 0.00	89.40 2.03 0.00	91.79 1.10 0.00	87.04 0.42 0.00	60.74 0.25 0.00
WEST BABYLON___IC 23714	33.19 1.57 18.97	34.70 1.46 14.17	41.50 1.74 0.01	32.86 1.52 0.00	38.76 1.35 0.01	38.83 1.61 0.00	29.40 1.68 17.17	33.36 1.69 20.39	39.99 1.46 16.52	44.14 1.39 12.25	45.18 2.19 7.84	46.65 2.51 17.09	49.60 3.56 31.20	49.44 3.36 25.98	50.35 3.78 31.36	74.57 5.18 17.30	78.27 6.13 6.98	89.97 6.68 0.00	69.96 4.67 0.00	87.93 4.41 2.41	73.50 3.56 17.43	61.20 2.67 32.16	67.14 1.78 21.27	45.90 1.33 15.92
WEST CANADA___HYD 24049	50.70 0.11 0.00	47.49 0.08 0.00	39.95 0.18 0.00	31.52 0.18 0.00	37.56 0.14 0.00	37.37 0.15 0.00	44.97 0.09 0.00	52.07 0.01 0.00	54.99 -0.04 0.00	54.90 -0.10 0.00	50.83 0.00 0.00	61.24 0.01 0.00	77.31 0.08 0.00	72.15 0.09 0.00	78.09 0.17 0.00	87.04 0.35 0.00	79.60 0.47 0.00	83.91 0.61 0.00	65.81 0.51 0.00	86.41 0.48 0.00	87.75 0.38 0.00	90.89 0.20 0.00	86.70 0.07 0.00	60.57 0.09 0.00
WESTERN_NY_WIND 24143	55.21 4.62 0.00	50.62 3.21 0.00	41.56 1.78 0.00	32.60 1.27 0.00	38.35 0.94 0.00	38.53 1.31 0.00	46.66 1.78 0.00	53.66 1.60 0.00	57.65 2.61 0.00	58.87 3.86 0.00	54.00 3.17 0.00	65.74 4.51 0.00	82.89 5.66 0.00	76.74 4.68 0.00	83.57 5.64 0.00	92.57 5.89 0.00	84.15 5.02 0.00	88.88 5.58 0.00	69.18 3.89 0.00	91.52 5.59 0.00	94.57 7.20 0.00	99.13 8.44 0.00	92.91 6.28 0.00	64.86 4.38 0.00
WESTOVER___LESR 323668	51.81 1.22 0.00	48.27 0.86 0.00	40.41 0.63 0.00	31.96 0.63 0.00	37.84 0.43 0.00	37.83 0.60 0.00	45.46 0.57 0.00	52.45 0.38 0.00	55.67 0.63 0.00	55.77 0.77 0.00	51.71 0.88 0.00	62.48 1.25 0.00	79.06 1.82 0.00	73.50 1.44 0.00	79.84 1.91 0.00	88.94 2.25 0.00	81.76 2.64 0.00	86.26 2.96 0.00	67.47 2.18 0.00	88.79 2.86 0.00	89.99 2.63 0.00	93.39 2.70 0.00	88.30 1.68 0.00	61.63 1.14 0.00
WETHRSFD_WT_PWR 323626	53.64 3.05 0.00	49.29 1.87 0.00	40.60 0.82 0.00	31.99 0.65 0.00	37.61 0.19 0.00	37.80 0.58 0.00	45.61 0.73 0.00	52.49 0.42 0.00	56.39 1.35 0.00	57.24 2.24 0.00	52.67 1.84 0.00	63.92 2.69 0.00	80.66 3.42 0.00	74.47 2.40 0.00	81.09 3.17 0.00	90.02 3.34 0.00	82.30 3.17 0.00	86.92 3.62 0.00	67.50 2.21 0.00	89.35 3.42 0.00	92.00 4.63 0.00	96.23 5.54 0.00	90.29 3.66 0.00	63.14 2.65 0.00
WHAVSTOR_138KV_BK127 55557	52.34 1.46 -0.29	49.19 1.44 -0.34	41.38 1.61 0.00	32.72 1.39 0.00	38.71 1.30 0.00	38.54 1.32 0.00	46.59 1.70 0.00	54.01 1.56 -0.38	56.83 1.34 -0.45	56.51 1.15 -0.35	53.17 1.72 -0.62	66.00 2.09 -2.68	81.20 3.00 -0.96	75.57 2.82 -0.68	82.00 3.17 -0.90	91.46 4.31 -0.46	84.08 4.88 -0.07	88.69 5.40 0.00	69.16 3.86 0.00	89.50 3.57 0.00	90.13 2.77 0.00	92.75 2.05 0.00	88.15 1.52 0.00	61.72 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.34 1.46 -0.29	49.19 1.44 -0.34	41.38 1.61 0.00	32.72 1.39 0.00	38.71 1.30 0.00	38.54 1.32 0.00	46.59 1.70 0.00	54.01 1.56 -0.38	56.83 1.34 -0.45	56.51 1.15 -0.35	53.17 1.72 -0.62	66.00 2.09 -2.68	81.20 3.00 -0.96	75.57 2.82 -0.68	82.00 3.17 -0.90	91.46 4.31 -0.46	84.08 4.88 -0.07	88.69 5.40 0.00	69.16 3.86 0.00	89.50 3.57 0.00	90.13 2.77 0.00	92.75 2.05 0.00	88.15 1.52 0.00	61.72 1.24 0.00
WHITEHAL_115KV_TB1 80871	53.14 2.82 0.27	49.81 2.72 0.32	42.41 2.64 0.00	33.53 2.20 0.00	39.79 2.38 0.00	39.79 2.56 0.00	47.57 2.68 0.00	54.30 2.72 0.49	56.65 2.19 0.58	55.68 1.13 0.46	51.64 1.45 0.64	59.71 1.12 2.64	78.06 2.02 1.20	73.20 2.02 0.88	79.80 3.03 1.16	91.47 5.37 0.59	83.26 4.24 0.10	88.17 4.88 0.00	70.19 4.90 0.00	92.01 6.08 0.00	93.35 5.99 0.00	97.62 6.93 0.00	93.45 6.82 0.00	65.17 4.69 0.00
WHITEPLN_13_KV_LOAD 356215	53.15 2.25 -0.31	49.93 2.15 -0.37	41.96 2.19 0.00	33.19 1.86 0.00	39.24 1.83 0.00	39.12 1.89 0.00	47.30 2.41 0.00	55.03 2.43 -0.54	58.02 2.35 -0.64	57.69 2.19 -0.50	54.25 2.70 -0.72	67.46 3.25 -2.98	83.09 4.54 -1.32	77.39 4.36 -0.96	84.14 4.94 -1.27	93.65 6.32 -0.65	85.99 6.76 -0.11	90.67 7.37 0.00	70.62 5.33 0.00	91.36 5.42 0.00	91.91 4.55 0.00	94.46 3.77 0.00	89.63 3.00 0.00	62.66 2.18 0.00
WM_FLOYD_69_KV_BK2 356380	29.71 0.97 21.85	31.78 0.72 16.35	40.82 1.06 0.01	32.38 1.04 0.00	38.12 0.71 0.01	38.23 1.01 0.00	26.16 1.00 19.73	29.90 1.05 23.22	37.05 0.70 18.69	41.87 0.71 13.84	43.36 1.46 8.93	43.24 1.65 19.64	44.30 2.35 35.29	44.88 2.20 29.39	44.99 2.59 35.52	70.78 3.79 19.69	75.93 4.92 8.11	88.68 5.39 0.00	68.94 3.68 0.03	85.65 3.02 3.30	69.49 2.01 19.87	55.40 1.06 36.35	62.62 0.21 24.22	42.52 0.20 18.17
WOODARD__115KV_TB2 355635	51.40 0.18 -0.64	47.94 -0.10 -0.62	39.63 -0.14 0.00	31.26 -0.07 0.00	37.13 -0.28 0.00	37.04 -0.18 0.00	44.73 -0.26 -0.11	52.74 -0.42 -1.09	55.15 -0.28 -0.39	55.25 -0.13 -0.37	50.82 -0.01 0.00	62.01 0.17 -0.61	78.91 0.35 -1.32	72.89 0.24 -0.58	80.43 0.46 -2.05	87.96 0.58 -0.70	79.92 0.76 -0.03	84.25 0.95 -0.01	66.17 0.70 -0.18	89.98 0.88 -3.17	91.64 0.90 -3.38	96.66 0.83 -5.14	90.56 0.20 -3.73	61.22 0.02 -0.71
WOODMERE_69_KV_BK1 55827	53.94 1.64 -1.71	50.32 1.49 -1.42	41.53 1.76 0.00	32.85 1.51 0.00	38.79 1.38 0.00	38.78 1.56 0.00	47.83 1.70 -1.24	52.35 1.71 1.43	53.82 1.64 2.86	54.01 1.42 2.41	52.28 2.30 0.85	63.41 2.97 0.79	75.88 4.24 5.59	71.72 3.99 4.34	77.71 4.52 4.74	90.86 5.42 1.25	87.34 6.21 -2.00	90.13 6.78 -0.05	70.41 4.77 -0.34	90.65 4.72 0.01	89.47 4.07 1.96	90.06 3.14 3.77	88.27 2.25 0.61	62.40 1.92 0.00
YORK___WARBASSE 23770	52.78 1.89 -0.31	49.83 2.05 -0.37	41.93 2.16 0.00	33.15 1.82 0.00	39.21 1.80 0.00	39.05 1.83 0.00	47.21 2.32 0.00	54.70 2.18 -0.46	57.44 1.85 -0.55	57.12 1.69 -0.43	53.82 2.30 -0.69	66.75 2.61 -2.91	81.97 3.59 -1.15	76.39 3.50 -0.83	82.94 3.92 -1.10	92.46 5.21 -0.56	85.01 5.80 -0.09	89.57 6.27 0.00	69.81 4.51 0.00	90.19 4.26 0.00	90.75 3.39 0.00	93.19 2.50 0.00	88.53 1.90 0.00	62.04 1.55 0.00