

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/12/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	83.59	88.09	97.24	117.07	106.06	79.57	85.49	79.69	115.51	91.28	79.81	89.90	106.11	95.61	124.81	91.47	100.60	112.93	87.83	88.98	82.13	77.79	72.13	79.93
24138	5.68	5.32	4.95	5.55	5.06	4.30	4.85	4.70	6.60	4.90	4.42	5.07	5.77	5.41	6.85	5.94	7.65	9.44	7.47	7.43	6.82	6.12	4.85	4.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	83.86	88.37	97.62	117.53	106.49	79.86	85.79	79.89	115.79	91.49	80.00	90.11	106.34	95.83	125.11	91.68	100.79	113.14	87.99	89.13	82.26	77.94	72.26	80.09
24260	5.96	5.60	5.33	6.00	5.49	4.60	5.14	4.90	6.88	5.11	4.60	5.28	6.00	5.63	7.15	6.16	7.85	9.64	7.63	7.58	6.95	6.27	4.98	4.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	83.86	88.37	97.62	117.53	106.49	79.86	85.79	79.89	115.79	91.49	80.00	90.11	106.34	95.83	125.11	91.68	100.79	113.14	87.99	89.13	82.26	77.94	72.26	80.09
24261	5.96	5.60	5.33	6.00	5.49	4.60	5.14	4.90	6.88	5.11	4.60	5.28	6.00	5.63	7.15	6.16	7.85	9.64	7.63	7.58	6.95	6.27	4.98	4.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	83.29	88.36	97.82	118.41	107.19	80.28	86.10	80.29	116.58	92.24	80.44	90.25	106.49	95.55	125.03	91.17	100.23	112.51	87.40	88.43	81.50	77.23	72.03	79.99
24011	5.39	5.59	5.53	6.89	6.19	5.02	5.46	5.31	7.67	5.87	5.04	5.42	6.14	5.35	7.07	5.64	7.29	9.01	7.05	6.88	6.19	5.56	4.75	4.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	83.68	88.82	98.27	119.06	107.74	80.77	86.71	80.89	117.44	92.83	80.95	90.88	107.06	96.06	125.66	91.63	100.81	113.48	88.17	89.11	82.11	77.76	72.52	80.43
23798	5.78	6.05	5.99	7.54	6.74	5.50	6.06	5.90	8.53	6.45	5.56	6.05	6.72	5.86	7.70	6.10	7.86	9.98	7.81	7.55	6.80	6.08	5.24	5.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	83.29	88.36	97.82	118.41	107.19	80.28	86.10	80.29	116															

ALBANY___2 23572	80.75 2.85 0.00	85.52 2.76 0.00	94.81 2.53 0.00	114.59 3.07 0.00	103.78 2.78 0.00	77.62 2.35 0.00	82.99 2.35 0.00	77.19 2.20 0.00	112.01 3.10 0.00	88.67 2.29 0.00	77.42 2.02 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.42 2.22 0.00	121.94 3.98 0.00	88.28 2.75 0.00	95.98 3.04 0.00	106.36 2.87 0.00	82.30 1.95 0.00	83.72 2.17 0.00	77.44 2.13 0.00	73.64 1.96 0.00	68.86 1.58 0.00	77.09 1.85 0.00
ALBANY___3 23573	80.75 2.85 0.00	85.52 2.76 0.00	94.81 2.53 0.00	114.59 3.07 0.00	103.78 2.78 0.00	77.62 2.35 0.00	82.99 2.35 0.00	77.19 2.20 0.00	112.01 3.10 0.00	88.67 2.29 0.00	77.42 2.02 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.42 2.22 0.00	121.94 3.98 0.00	88.28 2.75 0.00	95.98 3.04 0.00	106.36 2.87 0.00	82.30 1.95 0.00	83.72 2.17 0.00	77.44 2.13 0.00	73.64 1.96 0.00	68.86 1.58 0.00	77.09 1.85 0.00
ALBANY___4 23574	80.75 2.85 0.00	85.52 2.76 0.00	94.81 2.53 0.00	114.59 3.07 0.00	103.78 2.78 0.00	77.62 2.35 0.00	82.99 2.35 0.00	77.19 2.20 0.00	112.01 3.10 0.00	88.67 2.29 0.00	77.42 2.02 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.42 2.22 0.00	121.94 3.98 0.00	88.28 2.75 0.00	95.98 3.04 0.00	106.36 2.87 0.00	82.30 1.95 0.00	83.72 2.17 0.00	77.44 2.13 0.00	73.64 1.96 0.00	68.86 1.58 0.00	77.09 1.85 0.00
ALBANY___LFGE 323615	81.29 3.39 0.00	86.12 3.35 0.00	95.44 3.16 0.00	115.35 3.83 0.00	104.47 3.46 0.00	78.15 2.88 0.00	83.60 2.96 0.00	77.75 2.76 0.00	112.80 3.90 0.00	89.29 2.91 0.00	78.00 2.61 0.00	87.72 2.89 0.00	103.59 3.25 0.00	93.09 2.89 0.00	122.68 4.72 0.00	88.89 3.36 0.00	96.79 3.85 0.00	107.48 3.99 0.00	83.24 2.89 0.00	84.62 3.07 0.00	78.22 2.92 0.00	74.35 2.68 0.00	69.51 2.22 0.00	77.71 2.46 0.00
ALCOA_PA_115KV_PL-6C 55860	77.98 0.07 0.00	83.23 0.46 0.00	93.64 1.35 0.00	113.11 1.59 0.00	102.33 1.33 0.00	75.70 0.44 0.00	81.35 0.71 0.00	75.63 0.64 0.00	110.17 1.26 0.00	87.56 1.18 0.00	76.26 0.87 0.00	85.62 0.79 0.00	101.42 1.08 0.00	91.30 1.10 0.00	119.52 1.56 0.00	86.25 0.72 0.00	92.72 -0.22 0.00	102.95 -0.54 0.00	79.89 -0.46 0.00	81.11 -0.44 0.00	74.94 -0.37 0.00	71.62 -0.05 0.00	67.95 0.66 0.00	76.49 1.25 0.00
ALCOA_RYNLDS___DRP 24188	77.98 0.07 0.00	83.23 0.46 0.00	93.64 1.35 0.00	113.11 1.59 0.00	102.33 1.33 0.00	75.70 0.44 0.00	81.35 0.71 0.00	75.63 0.64 0.00	110.17 1.26 0.00	87.56 1.18 0.00	76.26 0.87 0.00	85.62 0.79 0.00	101.42 1.08 0.00	91.30 1.10 0.00	119.52 1.56 0.00	86.25 0.72 0.00	92.72 -0.22 0.00	102.95 -0.54 0.00	79.89 -0.46 0.00	81.11 -0.44 0.00	74.94 -0.37 0.00	71.62 -0.05 0.00	67.95 0.66 0.00	76.49 1.25 0.00
ALCOA___DSASP 323711	77.98 0.07 0.00	83.23 0.46 0.00	93.63 1.35 0.00	113.11 1.59 0.00	102.33 1.32 0.00	75.70 0.44 0.00	81.35 0.71 0.00	75.63 0.64 0.00	110.16 1.26 0.00	87.55 1.18 0.00	76.26 0.87 0.00	85.62 0.79 0.00	101.42 1.08 0.00	91.30 1.10 0.00	119.52 1.56 0.00	86.25 0.73 0.00	92.72 -0.22 0.00	102.95 -0.54 0.00	79.89 -0.46 0.00	81.12 -0.44 0.00	74.94 -0.37 0.00	71.62 -0.05 0.00	67.95 0.66 0.00	76.48 1.24 0.00
ALLEGHENY___COGEN 23514	78.43 0.53 0.00	83.39 0.62 0.00	92.39 0.10 0.00	111.62 0.10 0.00	101.32 0.31 0.00	75.83 0.57 0.00	80.17 -0.48 0.00	73.96 -1.03 0.00	107.28 -1.63 0.00	85.62 -0.76 0.00	74.14 -1.26 0.00	82.84 -1.99 0.00	97.94 -2.40 0.00	88.13 -2.07 0.00	114.59 -3.37 0.00	83.16 -2.37 0.00	91.81 -1.13 0.00	103.90 0.41 0.00	80.20 -0.15 0.00	82.56 -0.76 -1.77	91.16 -0.91 -16.76	97.30 -1.52 -27.14	65.73 -1.56 0.00	73.64 -1.60 0.00
ALTAMONT_115KV_TB 2 55880	80.61 2.71 0.00	85.47 2.71 0.00	94.82 2.54 0.00	114.57 3.05 0.00	103.74 2.74 0.00	77.58 2.31 0.00	82.98 2.33 0.00	77.17 2.18 0.00	111.93 3.02 0.00	88.56 2.19 0.00	77.35 1.95 0.00	87.10 2.27 0.00	102.90 2.56 0.00	92.51 2.31 0.00	121.20 3.24 0.00	88.04 2.51 0.00	96.09 3.15 0.00	107.07 3.58 0.00	83.13 2.77 0.00	84.39 2.84 0.00	77.94 2.63 0.00	74.09 2.42 0.00	69.24 1.96 0.00	77.27 2.03 0.00
ALTONA_WT_PWR 323606	77.18 -0.72 0.00	82.69 -0.08 0.00	93.15 0.87 0.00	112.59 1.07 0.00	101.83 0.83 0.00	75.66 0.40 0.00	81.36 0.72 0.00	75.65 0.66 0.00	110.36 1.46 0.00	87.88 1.50 0.00	76.68 1.28 0.00	86.17 1.34 0.00	101.85 1.51 0.00	91.80 1.60 0.00	120.38 2.42 0.00	87.26 1.74 0.00	94.12 1.18 0.00	104.61 1.12 0.00	81.16 0.80 0.00	82.26 0.71 0.00	75.88 0.57 0.00	72.28 0.60 0.00	68.34 1.05 0.00	76.85 1.61 0.00
AMERICAN_REF_FUEL 24010	70.86 -6.90 0.14	75.80 -6.97 0.00	84.08 -8.20 0.00	101.27 -10.25 0.00	91.98 -9.02 0.00	68.70 -6.57 0.00	71.46 -9.18 0.00	65.00 -9.99 0.00	93.82 -15.09 0.00	75.15 -11.23 0.00	65.54 -9.86 0.00	72.96 -11.87 0.00	85.81 -14.53 0.00	77.16 -13.05 0.00	100.13 -17.83 0.00	73.50 -12.03 0.00	80.88 -12.07 0.00	89.89 -13.60 0.00	69.42 -10.94 0.00	69.86 -11.30 0.39	61.59 -9.95 3.77	56.39 -9.19 6.10	58.79 -8.50 0.00	66.62 -8.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	74.21 -3.52 0.17	79.31 -3.46 0.00	88.19 -4.10 0.00	106.33 -5.19 0.00	96.67 -4.33 0.00	72.43 -2.84 0.00	75.66 -4.99 0.00	69.20 -5.79 0.00	100.07 -8.84 0.00	80.04 -6.34 0.00	69.90 -5.49 0.00	77.80 -7.03 0.00	91.54 -8.80 0.00	82.18 -8.03 0.00	106.29 -11.67 0.00	77.39 -8.13 0.00	85.19 -7.75 0.00	93.67 -9.82 0.00	71.25 -9.11 0.00	71.60 -9.55 0.41	62.85 -8.58 3.87	56.64 -8.72 6.31	59.48 -7.80 0.00	67.42 -7.82 0.00
ARTHUR KILL_GT_1 23520	85.07 5.57 -1.60	87.93 5.16 0.00	97.03 4.75 0.00	116.75 5.24 0.00	105.79 4.78 0.00	79.40 4.14 0.00	85.45 4.81 0.00	82.52 4.69 -2.84	115.77 6.44 -0.42	94.82 4.91 -3.53	79.40 4.00 0.00	89.37 4.55 0.00	105.41 5.07 0.00	95.06 4.86 0.00	124.13 6.17 0.00	91.15 5.62 0.00	100.69 7.32 -0.43	136.92 9.62 -23.81	124.27 7.83 -36.09	125.52 7.93 -36.04	120.23 7.26 -37.66	94.21 6.56 -15.98	79.76 5.19 -7.29	80.12 4.87 0.00
ARTHUR_KILL_2 23512	84.83 5.33 -1.60	87.65 4.88 0.00	96.73 4.44 0.00	116.39 4.87 0.00	105.48 4.48 0.00	79.17 3.91 0.00	85.20 4.56 0.00	82.27 4.44 -2.84	115.44 6.10 -0.42	94.56 4.65 -3.53	79.20 3.80 0.00	89.18 4.35 0.00	105.19 4.84 0.00	94.82 4.62 0.00	123.79 5.83 0.00	90.88 5.36 0.00	100.41 7.03 -0.43	136.59 9.29 -23.81	123.98 7.54 -36.09	125.23 7.64 -36.04	119.97 7.00 -37.66	93.96 6.31 -15.98	79.54 4.97 -7.29	79.88 4.64 0.00
ARTHUR_KILL_3 23513	84.63 5.05 -1.68	87.39 4.62 0.00	96.49 4.20 0.00	116.14 4.62 0.00	105.26 4.26 0.00	79.02 3.75 0.00	84.87 4.23 0.00	81.99 4.01 -2.99	114.92 5.56 -0.45	94.10 4.00 -3.72	78.99 3.59 0.00	88.97 4.14 0.00	105.00 4.66 0.00	94.62 4.42 0.00	123.53 5.57 0.00	90.58 5.06 0.00	100.07 6.67 -0.45	136.88 8.33 -25.06	124.10 6.60 -37.15	125.46 6.49 -37.42	119.90 5.96 -38.63	93.61 5.33 -16.60	78.96 4.15 -7.52	79.18 3.94 0.00

ARTHUR_KILL_COGEN 323718	85.07 5.57 -1.60	87.93 5.16 0.00	97.03 4.75 0.00	116.75 5.24 0.00	105.79 4.78 0.00	79.40 4.14 0.00	85.45 4.81 0.00	82.52 4.69 -2.84	115.77 6.44 -0.42	94.82 4.91 -3.53	79.40 4.00 0.00	89.37 4.55 0.00	105.41 5.07 0.00	95.06 4.86 0.00	124.13 6.17 0.00	91.15 5.62 0.00	100.69 7.32 -0.43	136.92 9.62 -23.81	124.27 7.83 -36.09	125.52 7.93 -36.04	120.23 7.26 -37.66	94.21 6.56 -15.98	79.76 5.19 -7.29	80.12 4.87 0.00
ASHOKAN____ 23654	85.88 7.98 0.00	90.79 8.02 0.00	100.35 8.07 0.00	121.02 9.50 0.00	109.71 8.70 0.00	82.09 6.82 0.00	87.91 7.26 0.00	81.98 6.99 0.00	119.10 10.20 0.00	93.91 7.53 0.00	81.49 6.09 0.00	91.36 6.53 0.00	107.46 7.11 0.00	96.63 6.43 0.00	127.33 9.37 0.00	93.54 8.01 0.00	103.05 10.11 0.00	115.55 12.06 0.00	89.57 9.22 0.00	90.77 9.22 0.00	83.59 8.28 0.00	79.12 7.44 0.00	73.54 6.25 0.00	81.75 6.50 0.00
ASTORIA_EAST_ENERGY_CC1 323581	83.17 5.27 0.00	87.79 5.02 0.00	96.88 4.60 0.00	116.50 4.98 0.00	105.63 4.62 0.00	79.22 3.95 0.00	85.11 4.46 0.00	79.31 4.32 0.00	114.89 5.98 0.00	90.82 4.43 0.00	79.32 3.92 0.00	89.31 4.48 0.00	105.39 5.04 0.00	94.99 4.79 0.00	124.03 6.07 0.00	90.99 5.46 0.00	99.95 7.00 0.00	112.14 8.65 0.00	87.27 6.91 0.00	88.51 6.95 0.00	81.64 6.32 -0.01	77.38 5.70 0.00	71.74 4.45 0.00	79.61 4.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	83.17 5.27 0.00	87.79 5.02 0.00	96.88 4.60 0.00	116.50 4.98 0.00	105.63 4.62 0.00	79.22 3.95 0.00	85.11 4.46 0.00	79.30 4.31 0.00	114.89 5.98 0.00	90.82 4.43 0.00	79.32 3.92 0.00	89.31 4.48 0.00	105.39 5.04 0.00	94.99 4.79 0.00	124.03 6.07 0.00	90.99 5.46 0.00	99.95 7.00 0.00	112.14 8.65 0.00	87.27 6.91 0.00	88.51 6.95 0.00	81.64 6.32 -0.01	77.38 5.70 0.00	71.74 4.45 0.00	79.61 4.37 0.00
ASTORIA_GT2_1 24094	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT2_2 24095	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT2_3 24096	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT2_4 24097	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT3_1 24098	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT3_2 24099	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT3_3 24100	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT3_4 24101	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT4_1 24102	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT4_2 24103	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT4_3 24104	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00

ASTORIA_GT4_4 24105	83.21 5.30 0.00	87.83 5.06 0.00	96.92 4.64 0.00	116.56 5.04 0.00	105.66 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.35 4.35 0.00	114.94 6.03 0.00	90.87 4.49 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.14 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.51 0.00	100.00 7.06 0.00	112.19 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA_GT_1 23523	83.34 5.44 0.00	87.99 5.22 0.00	97.09 4.81 0.00	116.77 5.25 0.00	105.85 4.84 0.00	79.39 4.13 0.00	85.28 4.64 0.00	79.49 4.49 0.00	115.15 6.24 0.00	91.03 4.65 0.00	79.52 4.12 0.00	89.53 4.70 0.00	105.68 5.33 0.00	95.22 5.02 0.00	124.31 6.35 0.00	91.20 5.67 0.00	100.19 7.24 0.00	112.41 8.92 0.00	87.48 7.13 0.00	88.74 7.18 0.00	81.83 6.51 -0.01	77.55 5.88 0.00	71.92 4.63 0.00	79.78 4.54 0.00
ASTORIA_GT_10 24110	83.56 5.66 0.00	88.10 5.33 0.00	97.25 4.97 0.00	117.00 5.48 0.00	106.04 5.04 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.62 4.63 0.00	115.37 6.47 0.00	91.20 4.82 0.00	79.71 4.31 0.00	89.74 4.91 0.00	105.89 5.55 0.00	95.42 5.21 0.00	124.57 6.61 0.00	91.32 5.80 0.00	100.41 7.47 0.00	112.78 9.29 0.00	87.72 7.36 0.00	88.92 7.37 0.00	82.10 6.78 -0.01	77.75 6.07 0.00	72.07 4.78 0.00	79.86 4.62 0.00
ASTORIA_GT_11 24225	83.56 5.66 0.00	88.10 5.33 0.00	97.25 4.97 0.00	117.00 5.48 0.00	106.04 5.04 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.62 4.63 0.00	115.37 6.47 0.00	91.20 4.82 0.00	79.71 4.31 0.00	89.74 4.91 0.00	105.89 5.55 0.00	95.42 5.21 0.00	124.57 6.61 0.00	91.32 5.80 0.00	100.41 7.47 0.00	112.78 9.29 0.00	87.72 7.36 0.00	88.92 7.37 0.00	82.10 6.78 -0.01	77.75 6.07 0.00	72.07 4.78 0.00	79.86 4.62 0.00
ASTORIA_GT_12 24226	83.56 5.66 0.00	88.10 5.33 0.00	97.25 4.97 0.00	117.00 5.48 0.00	106.04 5.04 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.62 4.63 0.00	115.37 6.47 0.00	91.20 4.82 0.00	79.71 4.31 0.00	89.74 4.91 0.00	105.89 5.55 0.00	95.42 5.21 0.00	124.57 6.61 0.00	91.32 5.80 0.00	100.41 7.47 0.00	112.78 9.29 0.00	87.72 7.36 0.00	88.92 7.37 0.00	82.10 6.78 -0.01	77.75 6.07 0.00	72.07 4.78 0.00	79.86 4.62 0.00
ASTORIA_GT_13 24227	83.56 5.66 0.00	88.10 5.33 0.00	97.25 4.97 0.00	117.00 5.48 0.00	106.04 5.04 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.62 4.63 0.00	115.37 6.47 0.00	91.20 4.82 0.00	79.71 4.31 0.00	89.74 4.91 0.00	105.89 5.55 0.00	95.42 5.21 0.00	124.57 6.61 0.00	91.32 5.80 0.00	100.41 7.47 0.00	112.78 9.29 0.00	87.72 7.36 0.00	88.92 7.37 0.00	82.10 6.78 -0.01	77.75 6.07 0.00	72.07 4.78 0.00	79.86 4.62 0.00
ASTORIA_GT_5 24106	83.35 5.45 0.00	87.98 5.21 0.00	97.09 4.81 0.00	116.77 5.25 0.00	105.85 4.85 0.00	79.40 4.13 0.00	85.29 4.64 0.00	79.49 4.49 0.00	115.15 6.24 0.00	91.03 4.65 0.00	79.52 4.13 0.00	89.53 4.70 0.00	105.68 5.34 0.00	95.22 5.02 0.00	124.32 6.36 0.00	91.20 5.68 0.00	100.19 7.24 0.00	112.40 8.91 0.00	87.49 7.14 0.00	88.74 7.18 0.00	81.83 6.51 -0.01	77.55 5.88 0.00	71.92 4.63 0.00	79.79 4.55 0.00
ASTORIA_GT_7 24107	83.35 5.45 0.00	87.98 5.21 0.00	97.09 4.81 0.00	116.77 5.25 0.00	105.85 4.85 0.00	79.40 4.13 0.00	85.29 4.64 0.00	79.49 4.49 0.00	115.15 6.24 0.00	91.03 4.65 0.00	79.52 4.13 0.00	89.53 4.70 0.00	105.68 5.34 0.00	95.22 5.02 0.00	124.32 6.36 0.00	91.20 5.68 0.00	100.19 7.24 0.00	112.40 8.91 0.00	87.49 7.14 0.00	88.74 7.18 0.00	81.83 6.51 -0.01	77.55 5.88 0.00	71.92 4.63 0.00	79.79 4.55 0.00
ASTORIA_GT_8 24108	83.35 5.45 0.00	87.98 5.21 0.00	97.09 4.81 0.00	116.77 5.25 0.00	105.85 4.85 0.00	79.40 4.13 0.00	85.29 4.64 0.00	79.49 4.49 0.00	115.15 6.24 0.00	91.03 4.65 0.00	79.52 4.13 0.00	89.53 4.70 0.00	105.68 5.34 0.00	95.22 5.02 0.00	124.32 6.36 0.00	91.20 5.68 0.00	100.19 7.24 0.00	112.40 8.91 0.00	87.49 7.14 0.00	88.74 7.18 0.00	81.83 6.51 -0.01	77.55 5.88 0.00	71.92 4.63 0.00	79.79 4.55 0.00
ASTORIA___2 24149	83.21 5.31 0.00	87.83 5.06 0.00	96.93 4.65 0.00	116.56 5.04 0.00	105.67 4.66 0.00	79.25 3.98 0.00	85.17 4.52 0.00	79.34 4.35 0.00	114.93 6.03 0.00	90.87 4.48 0.00	79.37 3.97 0.00	89.36 4.53 0.00	105.48 5.13 0.00	95.04 4.84 0.00	124.08 6.12 0.00	91.03 5.50 0.00	100.00 7.06 0.00	112.18 8.69 0.00	87.32 6.97 0.00	88.57 7.01 0.00	81.68 6.36 -0.01	77.41 5.73 0.00	71.78 4.50 0.00	79.66 4.42 0.00
ASTORIA___3 23516	83.55 5.65 0.00	88.10 5.33 0.00	97.25 4.96 0.00	117.00 5.48 0.00	106.04 5.03 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.61 4.62 0.00	115.37 6.47 0.00	91.19 4.81 0.00	79.70 4.31 0.00	89.74 4.91 0.00	105.89 5.54 0.00	95.41 5.21 0.00	124.56 6.60 0.00	91.32 5.79 0.00	100.41 7.47 0.00	112.78 9.29 0.00	87.72 7.36 0.00	88.92 7.37 0.00	82.10 6.78 -0.01	77.75 6.08 0.00	72.07 4.79 0.00	79.86 4.61 0.00
ASTORIA___4 23517	83.56 5.66 0.00	88.10 5.33 0.00	97.25 4.97 0.00	117.00 5.48 0.00	106.04 5.04 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.62 4.63 0.00	115.37 6.47 0.00	91.20 4.82 0.00	79.71 4.31 0.00	89.74 4.91 0.00	105.89 5.55 0.00	95.42 5.21 0.00	124.57 6.61 0.00	91.32 5.80 0.00	100.41 7.47 0.00	112.78 9.29 0.00	87.72 7.36 0.00	88.92 7.37 0.00	82.10 6.78 -0.01	77.75 6.07 0.00	72.07 4.78 0.00	79.86 4.62 0.00
ASTORIA___5 23518	83.55 5.65 0.00	88.10 5.33 0.00	97.25 4.96 0.00	117.00 5.48 0.00	106.04 5.03 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.61 4.62 0.00	115.37 6.47 0.00	91.19 4.81 0.00	79.70 4.31 0.00	89.74 4.91 0.00	105.89 5.54 0.00	95.41 5.21 0.00	124.56 6.60 0.00	91.32 5.79 0.00	100.41 7.47 0.00	112.78 9.29 0.00	87.72 7.36 0.00	88.92 7.37 0.00	82.10 6.78 -0.01	77.75 6.08 0.00	72.07 4.79 0.00	79.86 4.61 0.00
AST_ENERGY_2_CC3 323677	83.01 5.10 0.00	87.49 4.72 0.00	96.62 4.34 0.00	116.29 4.78 0.00	105.38 4.38 0.00	79.03 3.76 0.00	84.90 4.25 0.00	79.12 4.13 0.00	114.61 5.70 0.00	90.51 4.13 0.00	79.20 3.80 0.00	89.19 4.36 0.00	105.29 4.94 0.00	94.88 4.68 0.00	123.82 5.86 0.00	90.79 5.26 0.00	99.82 6.88 0.00	112.00 8.50 0.00	87.10 6.74 0.00	88.24 6.69 0.00	81.43 6.13 0.00	77.15 5.48 0.00	71.55 4.26 0.00	79.28 4.04 0.00
AST_ENERGY_2_CC4 323678	83.01 5.10 0.00	87.49 4.72 0.00	96.62 4.34 0.00	116.29 4.78 0.00	105.38 4.38 0.00	79.03 3.76 0.00	84.90 4.25 0.00	79.12 4.13 0.00	114.61 5.70 0.00	90.51 4.13 0.00	79.20 3.80 0.00	89.19 4.36 0.00	105.29 4.94 0.00	94.88 4.68 0.00	123.82 5.86 0.00	90.79 5.26 0.00	99.82 6.88 0.00	112.00 8.50 0.00	87.10 6.74 0.00	88.24 6.69 0.00	81.43 6.13 0.00	77.15 5.48 0.00	71.55 4.26 0.00	79.28 4.04 0.00

ATHENS_STG_1 23668	80.87 2.97 0.00	85.72 2.95 0.00	94.95 2.67 0.00	114.63 3.11 0.00	103.82 2.82 0.00	77.71 2.44 0.00	83.15 2.51 0.00	77.34 2.35 0.00	112.12 3.21 0.00	88.68 2.30 0.00	77.56 2.16 0.00	87.52 2.69 0.00	103.45 3.10 0.00	93.10 2.89 0.00	121.60 3.64 0.00	88.37 2.84 0.00	96.60 3.66 0.00	107.88 4.39 0.00	83.91 3.56 0.00	85.13 3.58 0.00	78.60 3.29 0.00	74.65 2.98 0.00	69.62 2.34 0.00	77.52 2.28 0.00
ATHENS_STG_2 23670	80.87 2.97 0.00	85.72 2.95 0.00	94.95 2.67 0.00	114.63 3.11 0.00	103.82 2.82 0.00	77.71 2.44 0.00	83.15 2.51 0.00	77.34 2.35 0.00	112.12 3.21 0.00	88.68 2.30 0.00	77.56 2.16 0.00	87.52 2.69 0.00	103.45 3.10 0.00	93.10 2.89 0.00	121.60 3.64 0.00	88.37 2.84 0.00	96.60 3.66 0.00	107.88 4.39 0.00	83.91 3.56 0.00	85.13 3.58 0.00	78.60 3.29 0.00	74.65 2.98 0.00	69.62 2.34 0.00	77.52 2.28 0.00
ATHENS_STG_3 23677	80.87 2.97 0.00	85.72 2.95 0.00	94.95 2.67 0.00	114.63 3.11 0.00	103.82 2.82 0.00	77.71 2.44 0.00	83.15 2.51 0.00	77.34 2.35 0.00	112.12 3.21 0.00	88.68 2.30 0.00	77.56 2.16 0.00	87.52 2.69 0.00	103.45 3.10 0.00	93.10 2.89 0.00	121.60 3.64 0.00	88.37 2.84 0.00	96.60 3.66 0.00	107.88 4.39 0.00	83.91 3.56 0.00	85.13 3.58 0.00	78.60 3.29 0.00	74.65 2.98 0.00	69.62 2.34 0.00	77.52 2.28 0.00
AUBURN___LFGE 323710	78.24 0.34 0.00	83.04 0.27 0.00	92.14 -0.14 0.00	111.39 -0.13 0.00	101.00 0.00 0.00	75.48 0.22 0.00	80.45 -0.19 0.00	74.64 -0.35 0.00	108.44 -0.47 0.00	85.90 -0.48 0.00	75.14 -0.25 0.00	84.31 -0.52 0.00	99.60 -0.75 0.00	89.54 -0.66 0.00	116.72 -1.24 0.00	85.28 -0.25 0.00	93.01 0.07 0.00	103.77 0.28 0.00	80.49 0.13 0.00	81.69 0.04 -0.10	76.34 -0.02 -1.05	73.40 -0.14 -1.87	67.16 -0.12 0.00	74.70 -0.54 0.00
BABYLON_RES_REC 323704	84.92 7.01 0.00	89.67 6.90 0.00	98.78 6.50 0.00	118.82 7.30 0.00	107.33 6.33 0.00	80.98 5.71 0.00	86.88 6.23 0.00	81.00 6.01 0.00	116.98 8.07 0.00	92.18 5.80 0.00	80.03 4.64 0.00	90.81 5.98 0.00	107.12 6.78 0.00	96.94 6.74 0.00	126.16 8.20 0.00	142.08 7.49 -49.06	109.24 9.68 -6.62	123.12 11.67 -7.95	113.87 9.41 -24.10	112.12 9.35 -21.22	113.86 8.44 -30.11	91.06 7.71 -11.68	73.59 6.30 0.00	81.44 6.20 0.00
BABYLON___69_KV_BK2 356345	85.84 7.93 0.00	90.63 7.86 0.00	99.81 7.52 0.00	120.04 8.52 0.00	108.35 7.35 0.00	81.85 6.58 0.00	87.79 7.15 0.00	81.88 6.89 0.00	118.24 9.33 0.00	93.11 6.73 0.00	80.85 5.45 0.00	91.76 6.93 0.00	108.26 7.92 0.00	97.98 7.78 0.00	127.58 9.62 0.00	143.11 8.52 -49.06	110.55 10.99 -6.62	124.49 13.05 -7.95	114.98 10.52 -24.10	113.31 10.54 -21.22	114.93 9.50 -30.11	92.03 8.68 -11.68	74.45 7.16 0.00	82.36 7.11 0.00
BALL_HILL_WT_PWR 323825	73.76 -4.00 0.15	78.82 -3.95 0.00	87.50 -4.78 0.00	105.56 -5.96 0.00	95.92 -5.08 0.00	71.76 -3.50 0.00	74.93 -5.72 0.00	68.39 -6.60 0.00	98.82 -10.08 0.00	79.06 -7.32 0.00	69.00 -6.40 0.00	76.95 -7.88 0.00	90.67 -9.67 0.00	81.51 -8.69 0.00	105.75 -12.21 0.00	77.30 -8.23 0.00	85.02 -7.93 0.00	94.07 -9.42 0.00	72.26 -8.10 0.00	72.44 -8.56 0.55	62.45 -7.64 5.22	55.70 -7.47 8.51	60.65 -6.63 0.00	68.57 -6.67 0.00
BARON_WINDS___WT_PWR 323822	75.37 -2.67 -0.13	80.08 -2.69 0.00	88.57 -3.71 0.00	107.22 -4.30 0.00	97.36 -3.64 0.00	72.93 -2.33 0.00	77.05 -3.60 0.00	71.22 -3.77 0.00	103.20 -5.71 0.00	82.19 -4.19 0.00	71.53 -3.87 0.00	80.17 -4.66 0.00	94.86 -5.48 0.00	85.53 -4.67 0.00	111.93 -6.03 0.00	81.58 -3.94 0.00	89.51 -3.43 0.00	99.43 -4.07 0.00	76.38 -3.98 0.00	74.10 -4.62 2.83	44.08 -4.41 26.82	23.29 -4.86 43.53	62.69 -4.59 0.00	70.17 -5.07 0.00
BARRETT_IC_1 23704	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_10 23701	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_11 23702	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_12 23703	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_2 23705	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_3 23706	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_4 23707	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00

BARRETT_IC_5 23708	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_6 23709	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_7 23710	83.91 6.01 0.00	88.76 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.48 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.33 3.94 0.00	90.25 5.42 0.00	106.46 6.12 0.00	96.27 6.07 0.00	124.85 6.90 0.00	141.04 6.46 -49.06	107.70 8.14 -6.62	121.17 9.73 -7.95	112.36 7.91 -24.10	110.57 7.80 -21.22	112.54 7.13 -30.11	89.90 6.55 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_8 23711	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT_IC_9 23700	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT___1 23545	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BARRETT___2 23546	83.91 6.01 0.00	88.75 5.99 0.00	97.86 5.58 0.00	117.71 6.19 0.00	106.48 5.47 0.00	80.16 4.90 0.00	85.88 5.24 0.00	79.98 4.99 0.00	115.61 6.70 0.00	91.28 4.90 0.00	79.34 3.94 0.00	90.25 5.42 0.00	106.45 6.11 0.00	96.27 6.07 0.00	124.85 6.89 0.00	141.03 6.45 -49.06	107.68 8.12 -6.62	121.17 9.73 -7.95	112.37 7.91 -24.10	110.57 7.80 -21.22	112.55 7.13 -30.11	89.91 6.56 -11.68	72.68 5.40 0.00	80.59 5.35 0.00
BATAVIA__115KV_TB1 55881	74.93 -2.97 0.00	79.82 -2.95 0.00	88.49 -3.79 0.00	106.63 -4.89 0.00	96.82 -4.18 0.00	72.40 -2.87 0.00	75.84 -4.81 0.00	69.42 -5.57 0.00	100.45 -8.46 0.00	80.32 -6.06 0.00	69.78 -5.62 0.00	77.71 -7.11 0.00	91.28 -9.07 0.00	82.42 -7.78 0.00	107.41 -10.55 0.00	78.54 -6.99 0.00	86.69 -6.25 0.00	96.81 -6.68 0.00	74.83 -5.53 0.00	75.40 -5.87 0.28	67.34 -5.26 2.72	62.14 -5.10 4.44	62.79 -4.50 0.00	70.67 -4.57 0.00
BAYONEEC___CTG1 323682	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG10 323750	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG2 323683	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG3 323684	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG4 323685	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG5 323686	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG6 323687	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00

BAYONEEC___CTG7 323688	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG8 323689	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BAYONEEC___CTG9 323749	83.24 5.33 0.00	87.71 4.94 0.00	96.86 4.58 0.00	116.60 5.08 0.00	105.66 4.66 0.00	79.25 3.99 0.00	85.14 4.49 0.00	79.29 4.30 0.00	114.89 5.98 0.00	90.74 4.36 0.00	79.36 3.96 0.00	89.35 4.52 0.00	105.44 5.10 0.00	95.04 4.84 0.00	124.06 6.10 0.00	90.95 5.42 0.00	100.01 7.07 0.00	112.24 8.75 0.00	87.30 6.94 0.00	88.44 6.88 0.00	81.64 6.33 0.00	77.33 5.66 0.00	71.72 4.43 0.00	79.49 4.25 0.00
BEACON___LESR 323632	82.04 4.14 0.00	86.48 3.71 0.00	96.25 3.97 0.00	116.38 4.86 0.00	105.30 4.30 0.00	78.83 3.56 0.00	84.35 3.71 0.00	78.51 3.52 0.00	113.86 4.96 0.00	90.03 3.65 0.00	78.51 3.11 0.00	88.26 3.43 0.00	104.23 3.89 0.00	93.51 3.31 0.00	123.46 5.51 0.00	89.57 4.05 0.00	97.65 4.70 0.00	108.69 5.20 0.00	84.23 3.88 0.00	85.61 4.06 0.00	79.08 3.77 0.00	74.99 3.31 0.00	70.05 2.76 0.00	78.51 3.27 0.00
BEAVER RIVER___HYD 24048	78.36 0.45 0.00	83.52 0.75 0.00	93.65 1.37 0.00	113.25 1.73 0.00	102.67 1.66 0.00	76.47 1.20 0.00	81.88 1.23 0.00	76.03 1.04 0.00	110.84 1.93 0.00	87.98 1.60 0.00	76.55 1.15 0.00	85.38 0.55 0.00	100.45 0.10 0.00	90.25 0.05 0.00	118.87 0.92 0.00	86.39 0.87 0.00	94.58 1.64 0.00	105.95 2.46 0.00	82.28 1.92 0.00	83.30 1.75 0.00	76.54 1.24 0.00	72.71 1.03 0.00	67.96 0.68 0.00	76.26 1.02 0.00
BEEBEE_GT_13 23619	74.94 -2.97 0.00	79.76 -3.01 0.00	88.56 -3.72 0.00	106.81 -4.72 0.00	96.88 -4.12 0.00	72.40 -2.87 0.00	76.42 -4.22 0.00	70.29 -4.70 0.00	101.84 -7.07 0.00	81.22 -5.16 0.00	70.88 -4.52 0.00	79.36 -5.47 0.00	93.57 -6.77 0.00	84.14 -6.06 0.00	109.69 -8.27 0.00	80.06 -5.46 0.00	87.88 -5.06 0.00	97.96 -5.53 0.00	75.80 -4.56 0.00	76.69 -4.78 0.08	70.21 -4.35 0.75	66.12 -4.28 1.28	63.53 -3.76 0.00	71.28 -3.97 0.00
BENSHRST_27_KV_BENSHRST_1 355998	85.95 6.45 -1.60	88.85 6.08 0.00	98.02 5.73 0.00	117.96 6.44 0.00	106.85 5.85 0.00	80.19 4.92 0.00	86.21 5.57 0.00	83.18 5.34 -2.84	116.83 7.50 -0.42	95.63 5.71 -3.53	80.35 4.96 0.00	90.52 5.69 0.00	106.79 6.45 0.00	96.24 6.04 0.00	125.65 7.69 0.00	92.18 6.65 0.00	101.84 8.46 -0.43	137.94 10.64 -23.81	124.91 8.47 -36.09	126.09 8.50 -36.04	120.73 7.76 -37.66	94.66 7.01 -15.98	80.21 5.64 -7.29	80.70 5.46 0.00
BETHLEHEM___GRP 23843	80.75 2.85 0.00	85.52 2.76 0.00	94.81 2.53 0.00	114.59 3.07 0.00	103.78 2.78 0.00	77.62 2.35 0.00	82.99 2.35 0.00	77.19 2.20 0.00	112.01 3.10 0.00	88.67 2.29 0.00	77.42 2.02 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.42 2.22 0.00	121.94 3.98 0.00	88.28 2.75 0.00	95.98 3.04 0.00	106.36 2.87 0.00	82.30 1.95 0.00	83.72 2.17 0.00	77.44 2.13 0.00	73.64 1.96 0.00	68.86 1.58 0.00	77.09 1.85 0.00
BETHLEHEM___GS1 323560	80.75 2.85 0.00	85.53 2.76 0.00	94.81 2.53 0.00	114.59 3.07 0.00	103.78 2.78 0.00	77.62 2.35 0.00	82.99 2.35 0.00	77.19 2.20 0.00	112.01 3.10 0.00	88.66 2.28 0.00	77.43 2.03 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.43 2.23 0.00	121.93 3.97 0.00	88.28 2.76 0.00	95.98 3.04 0.00	106.36 2.87 0.00	82.30 1.95 0.00	83.72 2.17 0.00	77.44 2.12 0.00	73.63 1.96 0.00	68.87 1.59 0.00	77.09 1.85 0.00
BETHLEHEM___GS2 323561	80.75 2.85 0.00	85.53 2.76 0.00	94.81 2.53 0.00	114.59 3.07 0.00	103.78 2.78 0.00	77.62 2.35 0.00	82.99 2.35 0.00	77.19 2.20 0.00	112.01 3.10 0.00	88.66 2.28 0.00	77.43 2.03 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.43 2.23 0.00	121.93 3.97 0.00	88.28 2.76 0.00	95.98 3.04 0.00	106.36 2.87 0.00	82.30 1.95 0.00	83.72 2.17 0.00	77.44 2.12 0.00	73.63 1.96 0.00	68.87 1.59 0.00	77.09 1.85 0.00
BETHLEHEM___GS3 323562	80.75 2.85 0.00	85.53 2.76 0.00	94.81 2.53 0.00	114.59 3.07 0.00	103.78 2.78 0.00	77.62 2.35 0.00	82.99 2.35 0.00	77.19 2.20 0.00	112.01 3.10 0.00	88.66 2.28 0.00	77.43 2.03 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.43 2.23 0.00	121.93 3.97 0.00	88.28 2.76 0.00	95.98 3.04 0.00	106.36 2.87 0.00	82.30 1.95 0.00	83.72 2.17 0.00	77.44 2.12 0.00	73.63 1.96 0.00	68.87 1.59 0.00	77.09 1.85 0.00
BETHLEHEM___STEEL 23779	73.84 -4.06 0.00	78.75 -4.03 0.00	87.35 -4.93 0.00	105.38 -6.14 0.00	95.77 -5.24 0.00	71.54 -3.72 0.00	74.67 -5.97 0.00	68.09 -6.90 0.00	98.37 -10.53 0.00	78.70 -7.68 0.00	68.67 -6.72 0.00	76.65 -8.18 0.00	90.33 -10.01 0.00	81.24 -8.96 0.00	105.59 -12.37 0.00	77.25 -8.27 0.00	84.97 -7.97 0.00	94.31 -9.18 0.00	72.74 -7.62 0.00	72.94 -8.11 0.51	63.09 -7.36 4.86	56.63 -7.13 7.91	61.26 -6.03 0.00	69.10 -6.14 0.00
BETHLHEM_115KV_TB1 79974	80.69 2.79 0.00	85.48 2.71 0.00	94.79 2.51 0.00	114.57 3.05 0.00	103.73 2.73 0.00	77.58 2.31 0.00	82.98 2.34 0.00	77.16 2.17 0.00	111.94 3.04 0.00	88.60 2.22 0.00	77.40 2.00 0.00	87.09 2.26 0.00	102.86 2.52 0.00	92.43 2.23 0.00	121.81 3.85 0.00	88.19 2.67 0.00	95.95 3.01 0.00	106.48 2.99 0.00	82.46 2.10 0.00	83.84 2.29 0.00	77.53 2.22 0.00	73.71 2.03 0.00	68.92 1.64 0.00	77.11 1.87 0.00
BETHPAGE_CC_5 323564	84.28 6.38 0.00	89.08 6.31 0.00	98.16 5.88 0.00	118.06 6.54 0.00	106.70 5.70 0.00	80.43 5.17 0.00	86.28 5.64 0.00	80.44 5.45 0.00	116.20 7.29 0.00	91.65 5.27 0.00	79.67 4.27 0.00	90.43 5.60 0.00	106.67 6.33 0.00	96.51 6.31 0.00	125.44 7.48 0.00	141.49 6.90 -49.06	108.25 8.69 -6.62	121.91 10.46 -7.95	112.92 8.46 -24.10	111.18 8.41 -21.22	113.04 7.62 -30.11	90.30 6.95 -11.68	72.88 5.60 0.00	80.69 5.44 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	74.24 -3.66 0.00	79.18 -3.59 0.00	87.80 -4.48 0.00	105.97 -5.55 0.00	96.28 -4.72 0.00	71.94 -3.33 0.00	75.10 -5.55 0.00	68.51 -6.48 0.00	99.01 -9.90 0.00	79.21 -7.17 0.00	69.14 -6.25 0.00	77.24 -7.59 0.00	91.03 -9.32 0.00	81.85 -8.35 0.00	106.39 -11.57 0.00	77.83 -7.70 0.00	85.60 -7.34 0.00	95.00 -8.49 0.00	73.26 -7.09 0.00	73.48 -7.60 0.48	63.85 -6.91 4.55	57.56 -6.70 7.41	61.66 -5.63 0.00	69.51 -5.73 0.00

BINGHAMTON___COGEN 23790	77.93 0.03 0.00	82.65 -0.12 0.00	91.71 -0.57 0.00	110.91 -0.61 0.00	100.56 -0.45 0.00	75.26 -0.01 0.00	80.12 -0.53 0.00	74.36 -0.63 0.00	107.94 -0.97 0.00	85.71 -0.67 0.00	74.93 -0.46 0.00	84.23 -0.60 0.00	99.69 -0.65 0.00	89.70 -0.50 0.00	117.27 -0.69 0.00	85.33 -0.20 0.00	93.23 0.29 0.00	103.85 0.35 0.00	80.43 0.07 0.00	81.60 -0.03 -0.08	75.91 -0.16 -0.75	72.53 -0.37 -1.23	66.73 -0.55 0.00	74.45 -0.79 0.00
BIXINCNT_115KV_LOAD 355685	75.91 -2.00 0.00	80.74 -2.03 0.00	89.39 -2.89 0.00	108.28 -3.24 0.00	98.38 -2.62 0.00	73.51 -1.75 0.00	76.87 -3.78 0.00	70.33 -4.66 0.00	101.86 -7.05 0.00	81.49 -4.89 0.00	71.42 -3.98 0.00	80.02 -4.81 0.00	94.46 -5.88 0.00	84.85 -5.35 0.00	110.23 -7.73 0.00	80.54 -4.98 0.00	88.28 -4.66 0.00	97.72 -5.77 0.00	75.31 -5.05 0.00	75.36 -5.88 0.31	66.54 -5.84 2.93	61.52 -5.38 4.77	63.07 -4.21 0.00	70.77 -4.47 0.00
BLACK RIVER___HYD 24047	78.48 0.58 0.00	83.62 0.85 0.00	93.60 1.31 0.00	113.17 1.65 0.00	102.69 1.69 0.00	76.67 1.41 0.00	82.08 1.43 0.00	76.33 1.34 0.00	111.34 2.44 0.00	88.38 2.00 0.00	76.84 1.44 0.00	85.46 0.63 0.00	100.18 -0.17 0.00	89.93 -0.27 0.00	118.60 0.64 0.00	86.41 0.88 0.00	95.35 2.40 0.00	107.17 3.67 0.00	83.18 2.82 0.00	84.12 2.57 0.00	77.26 1.95 0.00	73.21 1.54 0.00	68.01 0.73 0.00	76.18 0.94 0.00
BLACKRVR_115KV_TB2 79977	78.48 0.58 0.00	83.63 0.85 0.00	93.60 1.32 0.00	113.17 1.65 0.00	102.69 1.69 0.00	76.67 1.41 0.00	82.08 1.43 0.00	76.33 1.34 0.00	111.35 2.44 0.00	88.38 2.00 0.00	76.84 1.45 0.00	85.46 0.63 0.00	100.18 -0.17 0.00	89.93 -0.27 0.00	118.59 0.63 0.00	86.41 0.88 0.00	95.35 2.40 0.00	107.17 3.67 0.00	83.18 2.82 0.00	84.12 2.57 0.00	77.26 1.95 0.00	73.21 1.54 0.00	68.03 0.74 0.00	76.18 0.94 0.00
BLISS_WT_PWR 323608	75.76 -1.94 0.20	80.76 -2.01 0.00	89.40 -2.88 0.00	108.34 -3.18 0.00	98.45 -2.55 0.00	73.55 -1.72 0.00	76.94 -3.71 0.00	70.41 -4.58 0.00	102.03 -6.88 0.00	81.64 -4.74 0.00	71.56 -3.84 0.00	80.13 -4.70 0.00	94.62 -5.72 0.00	84.99 -5.21 0.00	110.40 -7.56 0.00	80.65 -4.87 0.00	88.39 -4.55 0.00	97.78 -5.71 0.00	75.36 -5.00 0.31	75.35 -5.90 2.93	66.51 -5.87 4.77	61.62 -5.28 0.00	62.92 -4.36 0.00	70.67 -4.58 0.00
BLUESTONE___WT_PWR 323821	79.21 1.31 0.00	83.83 1.06 0.00	95.12 2.84 0.00	115.34 3.82 0.00	104.67 3.67 0.00	79.40 4.13 0.00	85.16 4.51 0.00	79.17 4.18 0.00	115.00 6.09 0.00	91.46 5.08 0.00	79.82 4.43 0.00	89.43 4.60 0.00	105.87 5.53 0.00	95.37 5.17 0.00	125.18 7.22 0.00	91.31 5.78 0.00	100.17 7.22 0.00	111.98 8.48 0.00	86.79 6.43 0.00	87.72 6.17 0.00	80.30 4.99 0.00	75.52 3.85 0.00	69.65 2.37 0.00	77.85 2.61 0.00
BLUE_CIRC_CHEM_DRP 24182	80.90 3.00 0.00	85.82 3.05 0.00	95.23 2.94 0.00	115.05 3.53 0.00	104.22 3.22 0.00	77.89 2.62 0.00	83.23 2.58 0.00	77.40 2.41 0.00	112.22 3.31 0.00	88.61 2.23 0.00	77.35 1.96 0.00	87.21 2.38 0.00	102.83 2.49 0.00	92.43 2.23 0.00	121.37 3.41 0.00	88.24 2.72 0.00	96.20 3.25 0.00	106.91 3.42 0.00	82.88 2.53 0.00	84.22 2.67 0.00	77.83 2.51 0.00	74.03 2.36 0.00	69.24 1.96 0.00	77.43 2.19 0.00
BOC_GAS_DRP 24189	80.30 2.40 0.00	85.17 2.40 0.00	94.48 2.20 0.00	114.13 2.61 0.00	103.38 2.38 0.00	77.29 2.02 0.00	82.67 2.02 0.00	76.86 1.87 0.00	111.47 2.57 0.00	88.21 1.83 0.00	77.10 1.70 0.00	86.89 2.06 0.00	102.68 2.33 0.00	92.32 2.12 0.00	120.99 3.03 0.00	87.76 2.24 0.00	95.65 2.70 0.00	106.49 2.99 0.00	82.67 2.32 0.00	83.95 2.40 0.00	77.58 2.27 0.00	73.76 2.09 0.00	68.93 1.65 0.00	76.96 1.72 0.00
BOONVILLE_115KV_TB1 79983	79.75 1.84 0.00	84.77 2.00 0.00	94.62 2.33 0.00	114.38 2.86 0.00	103.68 2.68 0.00	77.38 2.11 0.00	82.92 2.27 0.00	77.09 2.09 0.00	112.17 3.26 0.00	89.01 2.63 0.00	77.62 2.22 0.00	87.01 2.19 0.00	102.72 2.38 0.00	92.31 2.10 0.00	121.06 3.10 0.00	87.94 2.42 0.00	96.11 3.16 0.00	107.31 3.82 0.00	83.36 3.01 0.00	84.49 2.94 0.00	77.70 2.39 0.00	73.71 2.03 0.00	68.83 1.55 0.00	76.97 1.73 0.00
BORALEX_4TH_BRANCH 23824	82.92 5.02 0.00	87.86 5.09 0.00	97.10 4.82 0.00	117.60 6.08 0.00	106.34 5.34 0.00	79.63 4.37 0.00	85.31 4.66 0.00	79.36 4.37 0.00	115.06 6.15 0.00	91.38 5.00 0.00	79.95 4.55 0.00	89.67 4.83 0.00	105.96 5.61 0.00	95.30 5.10 0.00	124.47 6.51 0.00	90.26 4.74 0.00	98.91 5.97 0.00	110.64 7.14 0.00	86.21 5.85 0.00	87.42 5.87 0.00	80.84 5.53 0.00	76.81 5.14 0.00	71.73 4.45 0.00	79.72 4.48 0.00
BOWLINE___1 23526	82.03 4.12 0.00	86.51 3.74 0.00	95.61 3.33 0.00	115.22 3.70 0.00	104.38 3.38 0.00	78.28 3.01 0.00	84.08 3.43 0.00	78.20 3.20 0.00	113.25 4.34 0.00	89.43 3.05 0.00	78.12 2.72 0.00	88.08 3.26 0.00	103.93 3.59 0.00	93.65 3.45 0.00	122.28 4.32 0.00	89.53 4.01 0.00	98.38 5.43 0.00	110.50 7.01 0.00	85.92 5.56 0.00	87.06 5.50 0.00	80.37 5.06 0.00	76.18 4.51 0.00	70.67 3.39 0.00	78.39 3.15 0.00
BOWLINE___2 23595	82.03 4.13 0.00	86.51 3.74 0.00	95.63 3.35 0.00	115.23 3.71 0.00	104.40 3.39 0.00	78.28 3.01 0.00	84.10 3.46 0.00	78.21 3.22 0.00	113.25 4.34 0.00	89.43 3.05 0.00	78.13 2.73 0.00	88.09 3.26 0.00	103.95 3.61 0.00	93.67 3.47 0.00	122.30 4.34 0.00	89.55 4.03 0.00	98.42 5.47 0.00	110.52 7.02 0.00	85.93 5.57 0.00	87.07 5.51 0.00	80.39 5.08 0.00	76.21 4.54 0.00	70.67 3.39 0.00	78.40 3.16 0.00
BRADY___115KV_TB2 356060	78.77 0.86 0.00	84.11 1.34 0.00	94.65 2.37 0.00	114.31 2.79 0.00	103.42 2.41 0.00	76.42 1.16 0.00	82.06 1.42 0.00	76.20 1.21 0.00	111.03 2.12 0.00	88.20 1.82 0.00	76.70 1.30 0.00	85.99 1.16 0.00	101.64 1.29 0.00	91.54 1.34 0.00	119.88 1.92 0.00	86.64 1.12 0.00	93.31 0.37 0.00	103.86 0.37 0.00	80.61 0.25 0.00	81.78 0.23 0.00	75.54 0.23 0.00	72.27 0.60 0.00	68.64 1.36 0.00	77.36 2.12 0.00
BRANSCOMB___SOLAR 323811	82.51 4.60 0.00	87.50 4.73 0.00	96.93 4.65 0.00	117.26 5.74 0.00	106.14 5.14 0.00	79.44 4.17 0.00	85.10 4.46 0.00	79.27 4.28 0.00	115.03 6.12 0.00	91.05 4.66 0.00	79.38 3.98 0.00	89.08 4.25 0.00	105.22 4.88 0.00	94.43 4.24 0.00	123.60 5.64 0.00	90.11 4.59 0.00	98.89 5.95 0.00	110.74 7.25 0.00	86.06 5.70 0.00	87.19 5.64 0.00	80.44 5.13 0.00	76.32 4.65 0.00	71.23 3.94 0.00	79.21 3.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	85.55 7.65 0.00	90.32 7.55 0.00	99.46 7.18 0.00	119.67 8.15 0.00	108.00 6.99 0.00	81.62 6.35 0.00	87.53 6.89 0.00	81.65 6.66 0.00	117.98 9.07 0.00	92.85 6.47 0.00	80.64 5.24 0.00	91.52 6.69 0.00	107.98 7.63 0.00	97.78 7.58 0.00	127.29 9.33 0.00	142.75 8.16 -49.06	110.12 10.56 -6.62	123.83 12.39 -7.95	114.52 10.06 -24.10	112.99 10.22 -21.22	114.68 9.26 -30.11	91.76 8.41 -11.68	74.25 6.97 0.00	82.17 6.93 0.00

BRISTLHL_115KV_TB1 79998	75.63 -2.28 0.00	80.28 -2.49 0.00	89.23 -3.05 0.00	107.82 -3.70 0.00	97.69 -3.31 0.00	72.98 -2.29 0.00	77.92 -2.72 0.00	72.37 -2.62 0.00	105.06 -3.85 0.00	83.43 -2.95 0.00	72.86 -2.54 0.00	81.89 -2.94 0.00	96.83 -3.51 0.00	87.09 -3.11 0.00	113.85 -4.11 0.00	82.64 -2.89 0.00	90.32 -2.62 0.00	100.78 -2.72 0.00	78.18 -2.17 0.00	79.23 -2.32 0.00	73.06 -2.25 0.00	69.36 -2.31 0.00	64.93 -2.35 0.00	72.51 -2.73 0.00
BROOKHAVEN___DRP 24191	85.38 7.48 0.00	90.11 7.34 0.00	99.09 6.81 0.00	119.34 7.82 0.00	107.31 6.31 0.00	81.45 6.18 0.00	87.36 6.72 0.00	81.43 6.45 0.00	117.57 8.67 0.00	92.37 5.99 0.00	80.13 4.73 0.00	91.06 6.23 0.00	107.49 7.15 0.00	97.46 7.26 0.00	127.08 9.12 0.00	142.95 8.36 -49.06	110.48 10.92 -6.62	124.69 13.25 -7.95	115.17 10.71 -24.10	113.42 10.66 -21.22	114.99 9.57 -30.11	92.07 8.72 -11.68	74.39 7.10 0.00	82.35 7.11 0.00
BROOKLYN_NAVY_YARD 23515	83.23 5.32 0.00	87.69 4.92 0.00	96.87 4.59 0.00	116.61 5.09 0.00	105.63 4.63 0.00	79.19 3.93 0.00	85.08 4.44 0.00	79.28 4.28 0.00	114.85 5.94 0.00	90.74 4.36 0.00	79.45 4.06 0.00	89.28 4.45 0.00	105.38 5.04 0.00	94.94 4.74 0.00	123.95 6.00 0.00	90.87 5.34 0.00	99.94 7.00 0.00	112.19 8.70 0.00	87.24 6.88 0.00	88.37 6.82 0.00	81.59 6.28 0.00	77.30 5.63 0.00	71.73 4.44 0.00	79.49 4.24 0.00
BROOKLYN___ARMY_DRP 323595	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
BROOKVLE_69_KV_TB1 55790	84.40 6.49 0.00	89.11 6.34 0.00	98.29 6.01 0.00	118.28 6.76 0.00	107.08 6.08 0.00	80.51 5.24 0.00	86.40 5.76 0.00	80.47 5.48 0.00	116.38 7.47 0.00	91.88 5.49 0.00	80.11 4.71 0.00	90.67 5.84 0.00	107.02 6.67 0.00	96.63 6.43 0.00	125.80 7.85 0.00	141.55 6.97 -49.06	108.38 8.82 -6.62	121.69 10.25 -7.95	112.68 8.22 -24.10	111.06 8.29 -21.22	113.14 7.72 -30.11	90.36 7.01 -11.68	72.92 5.63 0.00	80.79 5.55 0.00
BROOME_2_LFGE 323671	77.97 0.03 -0.03	82.65 -0.12 0.00	91.71 -0.57 0.00	110.91 -0.60 0.00	100.56 -0.45 0.00	75.26 -0.01 0.00	80.12 -0.53 0.00	74.36 -0.63 0.00	107.92 -0.98 0.00	85.71 -0.67 0.00	74.94 -0.46 0.00	84.23 -0.60 0.00	99.69 -0.65 0.00	89.71 -0.50 0.00	117.28 -0.67 0.00	85.32 -0.20 0.00	93.23 0.29 0.00	103.85 0.36 0.00	80.43 0.07 0.00	81.60 -0.03 -0.08	75.91 -0.16 -0.75	72.54 -0.36 -1.23	66.72 -0.57 0.00	74.45 -0.79 0.00
BROOME___LFGE 323600	77.97 0.03 -0.03	82.65 -0.12 0.00	91.71 -0.57 0.00	110.91 -0.60 0.00	100.56 -0.45 0.00	75.26 -0.01 0.00	80.12 -0.53 0.00	74.36 -0.63 0.00	107.92 -0.98 0.00	85.71 -0.67 0.00	74.94 -0.46 0.00	84.23 -0.60 0.00	99.69 -0.65 0.00	89.71 -0.50 0.00	117.28 -0.67 0.00	85.32 -0.20 0.00	93.23 0.29 0.00	103.85 0.36 0.00	80.43 0.07 0.00	81.60 -0.03 -0.08	75.91 -0.16 -0.75	72.54 -0.36 -1.23	66.72 -0.57 0.00	74.45 -0.79 0.00
BROWNFLS_115KV_TB 3_5 80003	77.86 -0.05 0.00	83.06 0.30 0.00	93.33 1.05 0.00	112.79 1.27 0.00	102.16 1.15 0.00	75.68 0.42 0.00	80.94 0.29 0.00	74.91 -0.08 0.00	109.19 0.28 0.00	86.72 0.34 0.00	75.45 0.06 0.00	84.38 -0.45 0.00	99.67 -0.67 0.00	89.68 -0.52 0.00	117.81 -0.15 0.00	85.39 -0.13 0.00	92.55 -0.40 0.00	103.39 -0.10 0.00	80.32 -0.04 0.00	81.43 -0.12 0.00	74.92 -0.39 0.00	71.59 -0.09 0.00	67.61 0.32 0.00	76.12 0.88 0.00
BROWNSV1_27_KV_LOAD 356125	84.18 6.28 0.00	88.69 5.92 0.00	97.93 5.64 0.00	117.86 6.34 0.00	106.79 5.79 0.00	80.08 4.82 0.00	86.03 5.38 0.00	80.12 5.13 0.00	116.14 7.23 0.00	91.75 5.37 0.00	80.26 4.87 0.00	90.38 5.55 0.00	106.66 6.31 0.00	96.13 5.93 0.00	125.48 7.52 0.00	91.99 6.46 0.00	101.19 8.24 0.00	113.59 10.09 0.00	88.31 7.95 0.00	89.49 7.94 0.00	82.57 7.27 0.00	78.23 6.55 0.00	72.53 5.24 0.00	80.37 5.13 0.00
BURROWS___LYONSDAL 23803	79.42 1.52 0.00	84.48 1.71 0.00	94.43 2.15 0.00	114.16 2.64 0.00	103.48 2.48 0.00	77.23 1.96 0.00	82.74 2.10 0.00	76.91 1.92 0.00	111.96 3.05 0.00	88.84 2.46 0.00	77.43 2.04 0.00	86.71 1.88 0.00	102.29 1.95 0.00	91.90 1.70 0.00	120.67 2.71 0.00	87.65 2.12 0.00	95.84 2.90 0.00	107.11 3.62 0.00	83.20 2.85 0.00	84.30 2.75 0.00	77.49 2.19 0.00	73.52 1.84 0.00	68.64 1.35 0.00	76.81 1.57 0.00
CAITHNESS_CC_1 323624	85.16 7.26 0.00	89.89 7.12 0.00	98.89 6.61 0.00	119.07 7.55 0.00	107.15 6.15 0.00	81.24 5.97 0.00	87.15 6.50 0.00	81.23 6.24 0.00	117.28 8.38 0.00	92.21 5.83 0.00	79.99 4.59 0.00	90.90 6.07 0.00	107.27 6.93 0.00	97.22 7.02 0.00	126.74 8.78 0.00	142.62 8.03 -49.06	110.02 10.45 -6.62	124.16 12.72 -7.95	114.75 10.29 -24.10	113.01 10.24 -21.22	114.61 9.19 -30.11	91.73 8.38 -11.68	74.12 6.84 0.00	82.06 6.81 0.00
CALPINE BETH_PAGE_GT4 24209	84.31 6.41 0.00	89.12 6.35 0.00	98.22 5.94 0.00	118.08 6.57 0.00	106.76 5.75 0.00	80.48 5.21 0.00	86.33 5.69 0.00	80.47 5.48 0.00	116.27 7.36 0.00	91.69 5.31 0.00	79.73 4.33 0.00	90.49 5.66 0.00	106.75 6.40 0.00	96.53 6.33 0.00	125.47 7.52 0.00	141.51 6.92 -49.06	108.15 8.59 -6.62	121.77 10.32 -7.95	112.81 8.35 -24.10	111.04 8.27 -21.22	112.95 7.53 -30.11	90.20 6.85 -11.68	72.82 5.53 0.00	80.60 5.36 0.00
CALPINE_BETH_PAGE_GT_4 323586	84.32 6.41 0.00	89.12 6.35 0.00	98.22 5.93 0.00	118.08 6.57 0.00	106.75 5.75 0.00	80.48 5.21 0.00	86.33 5.69 0.00	80.47 5.48 0.00	116.27 7.36 0.00	91.69 5.31 0.00	79.72 4.33 0.00	90.49 5.66 0.00	106.74 6.40 0.00	96.53 6.33 0.00	125.49 7.53 0.00	141.50 6.92 -49.06	108.14 8.58 -6.62	121.77 10.33 -7.95	112.81 8.35 -24.10	111.04 8.27 -21.22	112.95 7.53 -30.11	90.21 6.86 -11.68	72.82 5.53 0.00	80.60 5.36 0.00
CALPINE_BP_GT1 23823	84.32 6.41 0.00	89.12 6.35 0.00	98.22 5.93 0.00	118.08 6.57 0.00	106.75 5.75 0.00	80.48 5.21 0.00	86.33 5.69 0.00	80.47 5.48 0.00	116.27 7.36 0.00	91.69 5.31 0.00	79.72 4.33 0.00	90.49 5.66 0.00	106.74 6.40 0.00	96.53 6.33 0.00	125.49 7.53 0.00	141.50 6.92 -49.06	108.14 8.58 -6.62	121.77 10.33 -7.95	112.81 8.35 -24.10	111.04 8.27 -21.22	112.95 7.53 -30.11	90.21 6.86 -11.68	72.82 5.53 0.00	80.60 5.36 0.00
CALSPAN___DRP 24200	73.84 -4.06 0.00	78.75 -4.03 0.00	87.35 -4.93 0.00	105.38 -6.14 0.00	95.77 -5.24 0.00	71.54 -3.72 0.00	74.67 -5.97 0.00	68.09 -6.90 0.00	98.37 -10.53 0.00	78.70 -7.68 0.00	68.67 -6.72 0.00	76.65 -8.18 0.00	90.33 -10.01 0.00	81.24 -8.96 0.00	105.59 -12.37 0.00	77.25 -8.27 0.00	84.97 -7.97 0.00	94.31 -9.18 0.00	72.74 -7.62 0.00	72.94 -8.11 0.51	63.09 -7.36 4.86	56.63 -7.13 7.91	61.26 -6.03 0.00	69.10 -6.14 0.00

CALVERTON___SOLAR 323806	85.56 7.66 0.00	90.30 7.53 0.00	99.28 7.00 0.00	119.59 8.07 0.00	107.45 6.44 0.00	81.62 6.35 0.00	87.56 6.91 0.00	81.64 6.65 0.00	117.82 8.91 0.00	92.52 6.14 0.00	80.21 4.82 0.00	91.22 6.39 0.00	107.70 7.35 0.00	97.71 7.51 0.00	127.47 9.51 0.00	143.30 8.71 -49.06	110.92 11.36 -6.62	125.24 13.80 -7.95	115.62 11.16 -24.10	113.88 11.11 -21.22	115.44 10.02 -30.11	92.45 9.10 -11.68	74.65 7.37 0.00	82.66 7.42 0.00
CANDIGU_WT_PWR 323617	75.37 -2.67 -0.13	80.08 -2.69 0.00	88.57 -3.71 0.00	107.22 -4.30 0.00	97.36 -3.64 0.00	72.93 -2.33 0.00	77.05 -3.60 0.00	71.22 -3.77 0.00	103.20 -5.71 0.00	82.19 -4.19 0.00	71.53 -3.87 0.00	80.17 -4.66 0.00	94.86 -5.48 0.00	85.53 -4.67 0.00	111.93 -6.03 0.00	81.58 -3.94 0.00	89.51 -3.43 0.00	99.43 -4.07 0.00	76.38 -3.98 0.00	74.10 -4.62 2.83	44.08 -4.41 26.82	23.29 -4.86 43.53	62.69 -4.59 0.00	70.17 -5.07 0.00
CARR STREET_E_SYR 24060	76.49 -1.41 0.00	81.20 -1.57 0.00	90.17 -2.11 0.00	108.98 -2.54 0.00	98.76 -2.24 0.00	73.82 -1.45 0.00	78.75 -1.90 0.00	73.10 -1.89 0.00	106.13 -2.78 0.00	84.27 -2.11 0.00	73.61 -1.79 0.00	82.73 -2.10 0.00	97.83 -2.52 0.00	87.99 -2.22 0.00	115.00 -2.96 0.00	83.57 -1.95 0.00	91.30 -1.64 0.00	101.81 -1.69 0.00	78.97 -1.39 0.00	80.01 -1.54 0.00	73.79 -1.52 0.00	70.02 -1.65 0.00	65.54 -1.75 0.00	73.20 -2.04 0.00
CARTHAGE___PAPER 23857	79.01 1.11 0.00	84.22 1.45 0.00	94.40 2.12 0.00	114.15 2.63 0.00	103.53 2.53 0.00	77.19 1.93 0.00	82.67 2.02 0.00	76.82 1.83 0.00	112.05 3.14 0.00	88.95 2.57 0.00	77.35 1.95 0.00	86.07 1.24 0.00	100.89 0.54 0.00	90.73 0.53 0.00	119.71 1.76 0.00	87.12 1.60 0.00	95.74 2.79 0.00	107.41 3.91 0.00	83.39 3.04 0.00	84.37 2.81 0.00	77.49 2.18 0.00	73.54 1.87 0.00	68.55 1.27 0.00	76.88 1.64 0.00
CASSADAGA_WT_PWR 323784	74.93 -2.79 0.18	80.12 -2.65 0.00	89.06 -3.23 0.00	107.35 -4.17 0.00	97.56 -3.44 0.00	73.14 -2.12 0.00	76.50 -4.15 0.00	69.97 -5.02 0.00	101.24 -7.67 0.00	80.97 -5.42 0.00	70.81 -4.59 0.00	78.95 -5.89 0.00	92.87 -7.47 0.00	83.32 -6.87 0.00	107.70 -10.26 0.00	78.38 -7.15 0.00	86.06 -6.88 0.00	94.51 -8.98 0.00	71.73 -8.62 0.00	72.18 -9.00 0.38	63.64 -8.09 3.58	57.51 -8.32 5.84	59.86 -7.42 0.00	67.89 -7.35 0.00
CE_DUNWOOD___DRP 24194	83.00 5.10 0.00	87.53 4.76 0.00	96.72 4.44 0.00	116.54 5.02 0.00	105.56 4.56 0.00	79.17 3.91 0.00	84.99 4.34 0.00	79.13 4.14 0.00	114.61 5.70 0.00	90.52 4.14 0.00	79.09 3.70 0.00	89.15 4.32 0.00	105.24 4.89 0.00	94.83 4.63 0.00	123.80 5.84 0.00	90.65 5.13 0.00	99.62 6.68 0.00	111.80 8.31 0.00	86.95 6.59 0.00	88.11 6.56 0.00	81.34 6.03 0.00	77.08 5.40 0.00	71.50 4.22 0.00	79.32 4.08 0.00
CE_MILLWOOD___DRP 24193	82.78 4.88 0.00	87.35 4.58 0.00	96.52 4.24 0.00	116.31 4.79 0.00	105.36 4.35 0.00	79.00 3.73 0.00	84.82 4.18 0.00	78.93 3.94 0.00	114.35 5.44 0.00	90.32 3.94 0.00	78.91 3.51 0.00	88.93 4.11 0.00	105.00 4.65 0.00	94.58 4.38 0.00	123.50 5.54 0.00	90.42 4.89 0.00	99.38 6.44 0.00	111.51 8.02 0.00	86.71 6.35 0.00	87.87 6.32 0.00	81.12 5.81 0.00	76.87 5.20 0.00	71.34 4.06 0.00	79.13 3.89 0.00
CE_NYC2_DRP 24202	83.57 5.67 0.00	88.11 5.34 0.00	97.27 4.99 0.00	117.10 5.58 0.00	106.08 5.07 0.00	79.59 4.32 0.00	85.52 4.87 0.00	79.65 4.66 0.00	115.41 6.50 0.00	91.22 4.84 0.00	79.73 4.33 0.00	89.78 4.95 0.00	105.91 5.57 0.00	95.45 5.25 0.00	124.61 6.65 0.00	91.36 5.84 0.00	100.43 7.49 0.00	112.83 9.34 0.00	87.76 7.40 0.00	88.94 7.39 0.00	82.10 6.78 -0.01	77.76 6.08 0.00	72.11 4.82 0.00	79.88 4.64 0.00
CE_NYC_DRP 24195	83.33 5.42 0.00	87.82 5.05 0.00	96.97 4.69 0.00	116.74 5.22 0.00	105.78 4.77 0.00	79.33 4.07 0.00	85.22 4.58 0.00	79.38 4.39 0.00	115.04 6.13 0.00	90.88 4.50 0.00	79.48 4.08 0.00	89.52 4.69 0.00	105.64 5.30 0.00	95.20 5.00 0.00	124.26 6.30 0.00	91.11 5.59 0.00	100.17 7.23 0.00	112.41 8.92 0.00	87.43 7.07 0.00	88.59 7.03 0.00	81.75 6.44 0.00	77.44 5.77 0.00	71.81 4.53 0.00	79.58 4.34 0.00
CHAFFEE___LFGE 323603	74.34 -3.39 0.18	79.38 -3.39 0.00	88.04 -4.24 0.00	106.21 -5.31 0.00	96.51 -4.49 0.00	72.12 -3.15 0.00	75.36 -5.28 0.00	68.81 -6.18 0.00	99.36 -9.54 0.00	79.47 -6.91 0.00	69.38 -6.02 0.00	77.50 -7.33 0.00	91.33 -9.01 0.00	82.09 -8.11 0.00	106.67 -11.29 0.00	78.11 -7.42 0.00	85.88 -7.07 0.00	95.37 -8.12 0.00	73.57 -6.78 0.00	73.92 -7.23 0.41	64.91 -6.52 3.88	59.08 -6.27 6.33	61.73 -5.55 0.00	69.79 -5.45 0.00
CHATEAUG_35_KV_LOAD 355732	77.14 -0.76 0.00	82.75 -0.02 0.00	93.20 0.92 0.00	112.58 1.06 0.00	101.72 0.72 0.00	75.42 0.15 0.00	81.20 0.55 0.00	75.58 0.59 0.00	110.33 1.43 0.00	87.86 1.48 0.00	76.55 1.16 0.00	86.05 1.23 0.00	101.83 1.49 0.00	91.75 1.55 0.00	120.26 2.30 0.00	86.99 1.46 0.00	93.71 0.76 0.00	104.16 0.67 0.00	80.80 0.44 0.00	81.96 0.41 0.00	75.64 0.33 0.00	72.10 0.42 0.00	68.23 0.94 0.00	76.73 1.49 0.00
CHATEAUG_WT_PWR 323614	76.91 -0.99 0.00	82.52 -0.25 0.00	92.91 0.64 0.00	112.27 0.75 0.00	101.49 0.48 0.00	75.32 0.05 0.00	81.06 0.42 0.00	75.40 0.41 0.00	109.99 1.08 0.00	87.59 1.21 0.00	76.40 1.01 0.00	85.88 1.05 0.00	101.62 1.28 0.00	91.56 1.36 0.00	120.03 2.07 0.00	86.86 1.34 0.00	93.65 0.71 0.00	104.07 0.58 0.00	80.74 0.38 0.00	81.87 0.32 0.00	75.56 0.25 0.00	72.00 0.33 0.00	68.10 0.81 0.00	76.56 1.32 0.00
CHAT_HIGH_FALL_HYD 323578	77.14 -0.76 0.00	82.75 -0.02 0.00	93.20 0.92 0.00	112.58 1.06 0.00	101.72 0.72 0.00	75.42 0.15 0.00	81.20 0.55 0.00	75.58 0.59 0.00	110.33 1.43 0.00	87.86 1.48 0.00	76.55 1.16 0.00	86.05 1.23 0.00	101.83 1.49 0.00	91.75 1.55 0.00	120.26 2.30 0.00	86.99 1.46 0.00	93.71 0.76 0.00	104.16 0.67 0.00	80.80 0.44 0.00	81.96 0.41 0.00	75.64 0.33 0.00	72.10 0.42 0.00	68.23 0.94 0.00	76.73 1.49 0.00
CHAUTAUQUA___LFGE 323629	74.27 -3.47 0.16	79.34 -3.43 0.00	88.13 -4.15 0.00	106.29 -5.23 0.00	96.61 -4.39 0.00	72.33 -2.93 0.00	75.58 -5.07 0.00	69.05 -5.94 0.00	99.83 -9.08 0.00	79.87 -6.51 0.00	69.73 -5.67 0.00	77.64 -7.18 0.00	91.44 -8.90 0.00	82.15 -8.05 0.00	106.39 -11.57 0.00	77.67 -7.86 0.00	85.46 -7.48 0.00	94.40 -9.09 0.00	72.21 -8.15 0.00	72.49 -8.59 0.47	63.11 -7.69 4.52	56.62 -7.69 7.36	60.42 -6.86 0.00	68.37 -6.87 0.00
CHERRYST_13_KV_LD 356241	83.55 5.64 0.00	88.04 5.27 0.00	97.21 4.93 0.00	117.04 5.52 0.00	106.06 5.05 0.00	79.56 4.29 0.00	85.45 4.80 0.00	79.59 4.60 0.00	115.36 6.45 0.00	91.14 4.76 0.00	79.71 4.31 0.00	89.78 4.95 0.00	105.94 5.60 0.00	95.48 5.28 0.00	124.62 6.67 0.00	91.38 5.86 0.00	100.47 7.53 0.00	112.73 9.24 0.00	87.67 7.31 0.00	88.82 7.27 0.00	81.97 6.66 0.00	77.65 5.98 0.00	72.00 4.72 0.00	79.79 4.55 0.00

CHESTROR_138KV_BK263 355645	81.98 4.08 0.00	86.55 3.78 0.00	95.73 3.45 0.00	115.44 3.91 0.00	104.58 3.57 0.00	78.36 3.09 0.00	84.08 3.44 0.00	78.23 3.24 0.00	113.33 4.43 0.00	89.50 3.12 0.00	78.16 2.76 0.00	88.06 3.23 0.00	103.99 3.65 0.00	93.71 3.51 0.00	122.48 4.52 0.00	89.56 4.03 0.00	98.34 5.40 0.00	110.30 6.81 0.00	85.75 5.39 0.00	86.89 5.34 0.00	80.20 4.89 0.00	76.03 4.36 0.00	70.62 3.33 0.00	78.41 3.17 0.00
CH_MIDHUDSON___DRP 24192	83.38 5.48 0.00	88.03 5.27 0.00	97.30 5.02 0.00	117.30 5.78 0.00	106.26 5.26 0.00	79.66 4.40 0.00	85.48 4.83 0.00	79.58 4.59 0.00	115.29 6.39 0.00	91.05 4.67 0.00	79.48 4.08 0.00	89.53 4.71 0.00	105.71 5.37 0.00	95.24 5.04 0.00	124.48 6.52 0.00	91.03 5.51 0.00	100.03 7.09 0.00	112.23 8.73 0.00	87.28 6.92 0.00	88.44 6.89 0.00	81.62 6.31 0.00	77.33 5.66 0.00	71.80 4.52 0.00	79.69 4.45 0.00
CH_MISC_IPPS 23765	83.84 5.94 0.00	88.46 5.69 0.00	97.79 5.51 0.00	117.87 6.34 0.00	106.79 5.78 0.00	80.05 4.78 0.00	85.93 5.29 0.00	80.00 5.01 0.00	115.91 7.00 0.00	91.49 5.11 0.00	79.81 4.42 0.00	89.90 5.07 0.00	106.12 5.78 0.00	95.65 5.44 0.00	125.11 7.16 0.00	91.57 6.04 0.00	100.66 7.72 0.00	113.01 9.51 0.00	87.85 7.49 0.00	89.00 7.45 0.00	82.10 6.79 0.00	77.79 6.12 0.00	72.19 4.90 0.00	80.07 4.82 0.00
CH_RES_BVR_FALLS 23983	77.36 -0.54 0.00	82.39 -0.37 0.00	92.48 0.20 0.00	111.76 0.24 0.00	101.15 0.15 0.00	75.10 -0.17 0.00	80.65 0.00 0.00	75.05 0.06 0.00	109.16 0.26 0.00	86.72 0.33 0.00	75.61 0.21 0.00	84.97 0.14 0.00	100.55 0.21 0.00	90.42 0.22 0.00	118.31 0.35 0.00	85.56 0.04 0.00	92.43 -0.51 0.00	102.74 -0.75 0.00	79.74 -0.61 0.00	80.96 -0.59 0.00	74.77 -0.54 0.00	71.22 -0.45 0.00	67.18 -0.10 0.00	75.42 0.18 0.00
CH_RES_NIAGARA 23895	70.97 -6.94 0.00	75.78 -6.99 0.00	84.07 -8.21 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.60 0.00	71.36 -9.29 0.00	64.87 -10.12 0.00	93.60 -15.31 0.00	75.00 -11.38 0.00	65.46 -9.93 0.00	72.85 -11.97 0.00	85.67 -14.67 0.00	76.98 -13.22 0.00	99.91 -18.05 0.00	73.35 -12.17 0.00	80.73 -12.21 0.00	89.67 -13.83 0.00	69.23 -11.12 0.00	69.65 -11.50 0.40	61.27 -10.24 3.80	55.82 -9.65 6.20	58.84 -8.44 0.00	66.58 -8.67 0.00
CH_RES_SYRACUSE 23985	77.40 -0.50 0.00	82.15 -0.62 0.00	91.22 -1.06 0.00	110.24 -1.28 0.00	99.92 -1.08 0.00	74.70 -0.57 0.00	79.64 -1.01 0.00	73.93 -1.06 0.00	107.37 -1.54 0.00	85.23 -1.15 0.00	74.46 -0.93 0.00	83.73 -1.10 0.00	99.01 -1.33 0.00	89.03 -1.17 0.00	116.33 -1.63 0.00	84.61 -0.91 0.00	92.40 -0.55 0.00	103.02 -0.48 0.00	79.90 -0.46 0.00	80.93 -0.62 0.00	74.63 -0.68 0.00	70.84 -0.84 0.00	66.32 -0.97 0.00	74.01 -1.23 0.00
CLINTON_WT_PWR 323605	76.91 -0.99 0.00	82.52 -0.25 0.00	92.91 0.64 0.00	112.27 0.75 0.00	101.49 0.48 0.00	75.32 0.05 0.00	81.06 0.42 0.00	75.40 0.41 0.00	109.99 1.08 0.00	87.59 1.21 0.00	76.40 1.01 0.00	85.88 1.05 0.00	101.62 1.28 0.00	91.56 1.36 0.00	120.03 2.07 0.00	86.86 1.34 0.00	93.65 0.71 0.00	104.07 0.58 0.00	80.74 0.38 0.00	81.87 0.32 0.00	75.56 0.25 0.00	72.00 0.33 0.00	68.10 0.81 0.00	76.56 1.32 0.00
CLINTON___LFGE 323618	78.08 0.17 0.00	83.65 0.88 0.00	94.12 1.84 0.00	113.77 2.25 0.00	102.86 1.86 0.00	76.48 1.22 0.00	82.29 1.65 0.00	76.57 1.58 0.00	111.71 2.80 0.00	88.92 2.54 0.00	77.59 2.19 0.00	87.09 2.26 0.00	102.79 2.45 0.00	92.68 2.48 0.00	121.50 3.54 0.00	88.24 2.72 0.00	95.38 2.43 0.00	106.12 2.63 0.00	82.31 1.96 0.00	83.39 1.84 0.00	76.89 1.58 0.00	73.17 1.49 0.00	69.11 1.82 0.00	77.65 2.41 0.00
COBBLENY_34_KV_TB1 80064	74.51 -3.39 0.00	79.38 -3.38 0.00	88.04 -4.24 0.00	106.22 -5.30 0.00	96.51 -4.50 0.00	72.12 -3.15 0.00	75.36 -5.29 0.00	68.81 -6.18 0.00	99.37 -9.54 0.00	79.47 -6.91 0.00	69.37 -6.03 0.00	77.50 -7.33 0.00	91.32 -9.02 0.00	82.09 -8.12 0.00	106.67 -11.29 0.00	78.10 -7.42 0.00	85.87 -7.08 0.00	95.37 -8.13 0.00	73.57 -6.79 0.00	73.89 -7.26 0.41	64.81 -6.62 3.88	58.92 -6.42 6.33	61.82 -5.46 0.00	69.78 -5.46 0.00
COFFEEN___115KV_TB3 355620	78.91 1.01 0.00	84.05 1.28 0.00	94.00 1.72 0.00	113.68 2.15 0.00	103.14 2.13 0.00	77.05 1.78 0.00	82.47 1.83 0.00	76.74 1.75 0.00	111.99 3.08 0.00	88.89 2.51 0.00	77.26 1.86 0.00	85.85 1.02 0.00	100.50 0.16 0.00	90.27 0.07 0.00	119.17 1.21 0.00	86.84 1.32 0.00	95.93 2.98 0.00	107.93 4.44 0.00	83.78 3.42 0.00	84.71 3.16 0.00	77.78 2.47 0.00	73.72 2.04 0.00	68.42 1.13 0.00	76.57 1.33 0.00
COLDSPRG_115KV_BK1 355956	76.54 -1.36 0.00	81.54 -1.23 0.00	90.52 -1.76 0.00	109.33 -2.19 0.00	99.31 -1.69 0.00	74.37 -0.90 0.00	77.79 -2.85 0.00	71.12 -3.87 0.00	102.93 -5.97 0.00	82.23 -4.15 0.00	72.21 -3.19 0.00	80.92 -3.91 0.00	95.48 -4.86 0.00	85.69 -4.50 0.00	111.13 -6.83 0.00	81.09 -4.43 0.00	89.07 -3.88 0.00	98.21 -5.28 0.00	75.17 -5.19 0.00	75.77 -5.56 0.22	68.07 -5.13 2.11	62.99 -5.24 3.45	63.00 -4.29 0.00	70.94 -4.31 0.00
COLONIE_LFGE___ 323577	81.60 3.70 0.00	86.52 3.75 0.00	95.80 3.52 0.00	115.92 4.40 0.00	104.91 3.91 0.00	78.47 3.20 0.00	84.02 3.37 0.00	78.16 3.16 0.00	113.37 4.46 0.00	89.82 3.44 0.00	78.52 3.12 0.00	88.23 3.40 0.00	104.22 3.88 0.00	93.68 3.48 0.00	122.63 4.68 0.00	89.13 3.61 0.00	97.45 4.51 0.00	108.86 5.37 0.00	84.61 4.26 0.00	85.82 4.27 0.00	79.30 3.99 0.00	75.33 3.66 0.00	70.36 3.07 0.00	78.35 3.11 0.00
COOPERNY_115KV_TB1 80082	80.80 2.89 0.00	85.44 2.67 0.00	94.70 2.42 0.00	114.22 2.71 0.00	103.49 2.49 0.00	77.46 2.19 0.00	83.03 2.39 0.00	77.26 2.27 0.00	111.96 3.05 0.00	88.53 2.15 0.00	77.35 1.95 0.00	87.16 2.33 0.00	103.02 2.68 0.00	92.76 2.56 0.00	121.15 3.19 0.00	88.38 2.86 0.00	96.81 3.87 0.00	108.38 4.89 0.00	84.24 3.88 0.00	85.39 3.84 0.00	78.79 3.48 0.00	74.78 3.11 0.00	69.61 2.33 0.00	77.41 2.17 0.00
COPENHAGEN_WT_PWR 323753	77.97 0.07 0.00	83.16 0.39 0.00	93.12 0.83 0.00	112.62 1.10 0.00	102.20 1.20 0.00	76.30 1.03 0.00	81.67 1.03 0.00	75.93 0.94 0.00	110.72 1.81 0.00	87.90 1.52 0.00	76.47 1.07 0.00	85.12 0.29 0.00	99.85 -0.49 0.00	89.59 -0.61 0.00	118.08 0.13 0.00	85.99 0.47 0.00	94.82 1.88 0.00	106.55 3.05 0.00	82.71 2.35 0.00	83.60 2.05 0.00	76.76 1.45 0.00	72.75 1.07 0.00	67.53 0.25 0.00	75.69 0.45 0.00
CORNELL_____ 23752	79.28 1.38 0.00	84.07 1.30 0.00	93.28 1.00 0.00	112.81 1.29 0.00	102.32 1.31 0.00	76.57 1.30 0.00	81.68 1.04 0.00	75.88 0.89 0.00	110.26 1.35 0.00	87.56 1.18 0.00	76.45 1.05 0.00	85.76 0.93 0.00	101.05 0.71 0.00	90.97 0.76 0.00	119.11 1.16 0.00	86.82 1.29 0.00	95.03 2.09 0.00	106.11 2.62 0.00	82.28 1.92 0.00	83.34 1.78 0.00	76.74 1.43 0.00	72.77 1.10 0.00	68.01 0.72 0.00	75.81 0.57 0.00

CORONA V_69_KV_TB1 355595	84.50 6.60 0.00	89.23 6.46 0.00	98.38 6.10 0.00	118.38 6.86 0.00	107.10 6.10 0.00	80.58 5.32 0.00	86.40 5.76 0.00	80.48 5.49 0.00	116.37 7.46 0.00	91.86 5.47 0.00	79.82 4.42 0.00	90.74 5.91 0.00	107.05 6.71 0.00	96.73 6.53 0.00	125.79 7.83 0.00	141.60 7.02 -49.06	108.42 8.86 -6.62	122.02 10.58 -7.95	113.06 8.60 -24.10	111.26 8.49 -21.22	113.17 7.75 -30.11	90.44 7.09 -11.68	73.06 5.78 0.00	80.97 5.73 0.00
CORTLAND_115KV_TB3 80093	78.56 0.66 0.00	83.34 0.57 0.00	92.50 0.21 0.00	111.84 0.32 0.00	101.40 0.40 0.00	75.86 0.59 0.00	80.90 0.26 0.00	75.17 0.18 0.00	109.19 0.28 0.00	86.69 0.31 0.00	75.75 0.35 0.00	85.10 0.27 0.00	100.56 0.21 0.00	90.47 0.27 0.00	118.37 0.41 0.00	86.09 0.57 0.00	94.13 1.19 0.00	104.95 1.45 0.00	81.38 1.02 0.00	82.43 0.88 0.00	75.95 0.65 0.00	72.02 0.35 0.00	67.34 0.06 0.00	75.12 -0.12 0.00
COXSACKIE__GT 23611	84.89 6.99 0.00	89.93 7.15 0.00	99.66 7.38 0.00	120.41 8.89 0.00	109.05 8.05 0.00	81.51 6.24 0.00	87.08 6.43 0.00	81.21 6.22 0.00	118.10 9.19 0.00	93.09 6.71 0.00	80.64 5.24 0.00	90.47 5.64 0.00	105.85 5.50 0.00	95.12 4.91 0.00	126.31 8.36 0.00	92.64 7.11 0.00	101.47 8.53 0.00	113.09 9.60 0.00	87.50 7.14 0.00	88.59 7.03 0.00	81.69 6.38 0.00	77.51 5.84 0.00	72.34 5.05 0.00	80.91 5.67 0.00
CPV_VALLEY__CC1 323721	81.23 3.32 0.00	85.79 3.02 0.00	94.94 2.66 0.00	114.49 2.97 0.00	103.71 2.70 0.00	77.69 2.43 0.00	83.35 2.71 0.00	77.56 2.57 0.00	112.38 3.47 0.00	88.79 2.41 0.00	77.56 2.16 0.00	87.40 2.57 0.00	103.23 2.88 0.00	92.97 2.77 0.00	121.49 3.54 0.00	88.75 3.23 0.00	97.38 4.43 0.00	109.17 5.67 0.00	84.86 4.50 0.00	86.02 4.47 0.00	79.39 4.08 0.00	75.30 3.63 0.00	69.97 2.69 0.00	77.72 2.48 0.00
CPV_VALLEY__CC2 323722	81.23 3.32 0.00	85.79 3.02 0.00	94.94 2.66 0.00	114.49 2.97 0.00	103.71 2.70 0.00	77.69 2.43 0.00	83.35 2.71 0.00	77.56 2.57 0.00	112.38 3.47 0.00	88.79 2.41 0.00	77.56 2.16 0.00	87.40 2.57 0.00	103.23 2.88 0.00	92.97 2.77 0.00	121.49 3.54 0.00	88.75 3.23 0.00	97.38 4.43 0.00	109.17 5.67 0.00	84.86 4.50 0.00	86.02 4.47 0.00	79.39 4.08 0.00	75.30 3.63 0.00	69.97 2.69 0.00	77.72 2.48 0.00
CRESCENT__HYD 24018	81.60 3.70 0.00	86.52 3.75 0.00	95.80 3.52 0.00	115.92 4.40 0.00	104.91 3.91 0.00	78.47 3.20 0.00	84.02 3.37 0.00	78.16 3.16 0.00	113.37 4.46 0.00	89.82 3.44 0.00	78.52 3.12 0.00	88.23 3.40 0.00	104.22 3.88 0.00	93.68 3.48 0.00	122.63 4.68 0.00	89.13 3.61 0.00	97.45 4.51 0.00	108.86 5.37 0.00	84.61 4.26 0.00	85.82 4.27 0.00	79.30 3.99 0.00	75.33 3.66 0.00	70.36 3.07 0.00	78.35 3.11 0.00
CRICKET__VALLEY_CC1 323756	82.83 4.93 0.00	87.49 4.73 0.00	96.65 4.36 0.00	116.61 5.09 0.00	105.63 4.63 0.00	79.16 3.90 0.00	84.89 4.24 0.00	78.98 3.99 0.00	114.49 5.58 0.00	90.47 4.09 0.00	79.01 3.61 0.00	89.02 4.19 0.00	105.05 4.70 0.00	94.60 4.40 0.00	123.53 5.57 0.00	90.12 4.60 0.00	98.95 6.01 0.00	110.95 7.46 0.00	86.39 6.03 0.00	87.59 6.04 0.00	80.85 5.54 0.00	76.63 4.96 0.00	71.23 3.94 0.00	79.14 3.89 0.00
CRICKET__VALLEY_CC2 323757	82.83 4.93 0.00	87.49 4.73 0.00	96.65 4.36 0.00	116.61 5.09 0.00	105.63 4.63 0.00	79.16 3.90 0.00	84.89 4.24 0.00	78.98 3.99 0.00	114.49 5.58 0.00	90.47 4.09 0.00	79.01 3.61 0.00	89.02 4.19 0.00	105.05 4.70 0.00	94.60 4.40 0.00	123.53 5.57 0.00	90.12 4.60 0.00	98.95 6.01 0.00	110.95 7.46 0.00	86.39 6.03 0.00	87.59 6.04 0.00	80.85 5.54 0.00	76.63 4.96 0.00	71.23 3.94 0.00	79.14 3.89 0.00
CRICKET__VALLEY_CC3 323758	82.83 4.93 0.00	87.49 4.73 0.00	96.65 4.36 0.00	116.61 5.09 0.00	105.63 4.63 0.00	79.16 3.90 0.00	84.89 4.24 0.00	78.98 3.99 0.00	114.49 5.58 0.00	90.47 4.09 0.00	79.01 3.61 0.00	89.02 4.19 0.00	105.05 4.70 0.00	94.60 4.40 0.00	123.53 5.57 0.00	90.12 4.60 0.00	98.95 6.01 0.00	110.95 7.46 0.00	86.39 6.03 0.00	87.59 6.04 0.00	80.85 5.54 0.00	76.63 4.96 0.00	71.23 3.94 0.00	79.14 3.89 0.00
CRUCIBLE_METL_DRP 24180	77.40 -0.50 0.00	82.14 -0.62 0.00	91.22 -1.06 0.00	110.24 -1.29 0.00	99.92 -1.08 0.00	74.70 -0.57 0.00	79.64 -1.01 0.00	73.93 -1.06 0.00	107.37 -1.54 0.00	85.23 -1.15 0.00	74.47 -0.93 0.00	83.74 -1.10 0.00	99.01 -1.33 0.00	89.03 -1.17 0.00	116.33 -1.63 0.00	84.61 -0.91 0.00	92.39 -0.55 0.00	103.01 -0.48 0.00	79.90 -0.46 0.00	80.94 -0.62 0.00	74.63 -0.68 0.00	70.83 -0.85 0.00	66.32 -0.97 0.00	74.01 -1.23 0.00
DAHOWA__HYDRO 323763	82.84 4.93 0.00	87.85 5.08 0.00	97.30 5.02 0.00	117.70 6.18 0.00	106.55 5.55 0.00	79.77 4.50 0.00	85.50 4.85 0.00	79.68 4.69 0.00	115.65 6.75 0.00	91.54 5.16 0.00	79.79 4.39 0.00	89.54 4.71 0.00	105.72 5.38 0.00	94.87 4.67 0.00	124.19 6.23 0.00	90.52 5.00 0.00	99.41 6.46 0.00	111.42 7.92 0.00	86.57 6.22 0.00	87.67 6.12 0.00	80.86 5.55 0.00	76.67 5.00 0.00	71.54 4.25 0.00	79.51 4.27 0.00
DANC__LFGE 323619	77.17 -0.73 0.00	82.16 -0.61 0.00	91.69 -0.59 0.00	110.80 -0.72 0.00	100.51 -0.50 0.00	75.06 -0.20 0.00	80.21 -0.44 0.00	74.56 -0.43 0.00	108.56 -0.35 0.00	86.20 -0.19 0.00	75.14 -0.26 0.00	83.95 -0.88 0.00	98.73 -1.61 0.00	88.67 -1.53 0.00	116.57 -1.38 0.00	84.76 -0.77 0.00	93.08 0.14 0.00	104.36 0.87 0.00	80.98 0.62 0.00	81.95 0.39 0.00	75.42 0.11 0.00	71.54 -0.13 0.00	66.60 -0.69 0.00	74.54 -0.70 0.00
DANSKAMMER__1 23586	83.84 5.94 0.00	88.46 5.69 0.00	97.79 5.51 0.00	117.87 6.34 0.00	106.79 5.78 0.00	80.05 4.78 0.00	85.93 5.29 0.00	80.00 5.01 0.00	115.91 7.00 0.00	91.49 5.11 0.00	79.81 4.42 0.00	89.90 5.07 0.00	106.12 5.78 0.00	95.65 5.44 0.00	125.11 7.16 0.00	91.57 6.04 0.00	100.66 7.72 0.00	113.01 9.51 0.00	87.85 7.49 0.00	89.00 7.45 0.00	82.10 6.79 0.00	77.79 6.12 0.00	72.19 4.90 0.00	80.07 4.82 0.00
DANSKAMMER__2 23589	83.84 5.94 0.00	88.46 5.69 0.00	97.79 5.51 0.00	117.87 6.34 0.00	106.79 5.78 0.00	80.05 4.78 0.00	85.93 5.29 0.00	80.00 5.01 0.00	115.91 7.00 0.00	91.49 5.11 0.00	79.81 4.42 0.00	89.90 5.07 0.00	106.12 5.78 0.00	95.65 5.44 0.00	125.11 7.16 0.00	91.57 6.04 0.00	100.66 7.72 0.00	113.01 9.51 0.00	87.85 7.49 0.00	89.00 7.45 0.00	82.10 6.79 0.00	77.79 6.12 0.00	72.19 4.90 0.00	80.07 4.82 0.00
DANSKAMMER__3 23590	83.84 5.94 0.00	88.46 5.69 0.00	97.79 5.51 0.00	117.87 6.34 0.00	106.79 5.78 0.00	80.05 4.78 0.00	85.93 5.29 0.00	80.00 5.01 0.00	115.91 7.00 0.00	91.49 5.11 0.00	79.81 4.42 0.00	89.90 5.07 0.00	106.12 5.78 0.00	95.65 5.44 0.00	125.11 7.16 0.00	91.57 6.04 0.00	100.66 7.72 0.00	113.01 9.51 0.00	87.85 7.49 0.00	89.00 7.45 0.00	82.10 6.79 0.00	77.79 6.12 0.00	72.19 4.90 0.00	80.07 4.82 0.00

DANSKAMMER___4 23591	83.84 5.94 0.00	88.46 5.69 0.00	97.79 5.51 0.00	117.87 6.34 0.00	106.79 5.78 0.00	80.05 4.78 0.00	85.93 5.29 0.00	80.00 5.01 0.00	115.91 7.00 0.00	91.49 5.11 0.00	79.81 4.42 0.00	89.90 5.07 0.00	106.12 5.78 0.00	95.65 5.44 0.00	125.11 7.16 0.00	91.57 6.04 0.00	100.66 7.72 0.00	113.01 9.51 0.00	87.85 7.49 0.00	89.00 7.45 0.00	82.10 6.79 0.00	77.79 6.12 0.00	72.19 4.90 0.00	80.07 4.82 0.00
DANSKAMMER___DIESEL 23592	83.84 5.94 0.00	88.47 5.70 0.00	97.79 5.51 0.00	117.87 6.35 0.00	106.79 5.79 0.00	80.05 4.78 0.00	85.93 5.29 0.00	80.00 5.01 0.00	115.91 7.00 0.00	91.49 5.11 0.00	79.81 4.41 0.00	89.90 5.07 0.00	106.12 5.78 0.00	95.64 5.44 0.00	125.11 7.16 0.00	91.57 6.04 0.00	100.66 7.72 0.00	113.01 9.52 0.00	87.85 7.49 0.00	89.00 7.45 0.00	82.09 6.78 0.00	77.79 6.11 0.00	72.18 4.89 0.00	80.07 4.82 0.00
DARBY___SOLAR 323810	82.52 4.62 0.00	87.52 4.75 0.00	96.97 4.69 0.00	117.29 5.77 0.00	106.17 5.17 0.00	79.47 4.20 0.00	85.14 4.50 0.00	79.32 4.33 0.00	115.09 6.18 0.00	91.11 4.73 0.00	79.44 4.04 0.00	89.13 4.30 0.00	105.27 4.93 0.00	94.49 4.29 0.00	123.68 5.72 0.00	90.14 4.62 0.00	98.95 6.01 0.00	110.80 7.31 0.00	86.12 5.77 0.00	87.23 5.68 0.00	80.49 5.18 0.00	76.34 4.67 0.00	71.24 3.96 0.00	79.23 3.99 0.00
DASHVILLE___HYD 23610	85.55 7.64 0.00	90.23 7.46 0.00	99.66 7.38 0.00	120.10 8.58 0.00	108.83 7.83 0.00	81.65 6.38 0.00	87.65 7.01 0.00	81.70 6.72 0.00	118.47 9.56 0.00	93.38 7.00 0.00	81.24 5.85 0.00	91.29 6.46 0.00	107.50 7.15 0.00	96.94 6.74 0.00	127.28 9.32 0.00	93.41 7.89 0.00	103.00 10.05 0.00	115.84 12.35 0.00	90.00 9.64 0.00	91.13 9.58 0.00	83.98 8.67 0.00	79.45 7.78 0.00	73.63 6.35 0.00	81.59 6.35 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	85.48 7.58 0.00	90.18 7.41 0.00	99.12 6.84 0.00	119.42 7.90 0.00	107.26 6.25 0.00	81.61 6.34 0.00	87.60 6.95 0.00	81.74 6.75 0.00	117.99 9.08 0.00	92.52 6.14 0.00	80.30 4.90 0.00	91.84 7.02 0.00	108.71 8.36 0.00	98.96 8.76 0.00	129.34 11.38 0.00	144.74 10.15 -49.06	112.69 13.12 -6.62	127.23 15.79 -7.95	117.29 12.83 -24.10	115.57 12.79 -21.22	116.97 11.55 -30.11	93.82 10.47 -11.68	75.38 8.09 0.00	83.81 8.57 0.00
DELAWARE___LFGE 323621	80.42 2.52 0.00	85.30 2.53 0.00	94.79 2.51 0.00	114.51 2.99 0.00	103.77 2.76 0.00	77.67 2.40 0.00	82.99 2.35 0.00	77.18 2.19 0.00	112.03 3.12 0.00	88.75 2.37 0.00	77.62 2.22 0.00	87.56 2.73 0.00	103.59 3.25 0.00	93.19 2.99 0.00	121.61 3.65 0.00	88.34 2.82 0.00	96.54 3.60 0.00	107.78 4.29 0.00	83.75 3.39 0.00	84.87 3.32 0.00	78.20 2.89 0.00	74.22 2.54 0.00	69.25 1.96 0.00	77.18 1.94 0.00
DERFIELD_115KV_TB7 355931	78.38 0.48 0.00	83.20 0.43 0.00	92.56 0.28 0.00	111.86 0.33 0.00	101.31 0.31 0.00	75.64 0.37 0.00	80.98 0.33 0.00	75.25 0.27 0.00	109.23 0.32 0.00	86.55 0.17 0.00	75.61 0.21 0.00	85.15 0.32 0.00	100.64 0.30 0.00	90.48 0.28 0.00	118.33 0.37 0.00	85.89 0.36 0.00	93.56 0.62 0.00	104.24 0.75 0.00	80.97 0.61 0.00	82.12 0.57 0.00	75.83 0.52 0.00	72.09 0.42 0.00	67.55 0.26 0.00	75.46 0.22 0.00
DOGLEVILLE___HYD 23807	80.31 2.40 0.00	85.00 2.23 0.00	93.96 1.68 0.00	113.49 1.97 0.00	102.71 1.71 0.00	77.27 2.01 0.00	82.89 2.24 0.00	77.33 2.34 0.00	112.09 3.18 0.00	88.64 2.26 0.00	76.93 1.53 0.00	86.17 1.35 0.00	101.58 1.24 0.00	90.85 0.66 0.00	119.46 1.51 0.00	87.64 2.12 0.00	97.05 4.11 0.00	108.46 4.97 0.00	84.22 3.87 0.00	85.41 3.86 0.00	78.78 3.47 0.00	74.64 2.97 0.00	69.32 2.04 0.00	76.97 1.73 0.00
DUNKIRK___115KV_TB_200 55889	74.35 -3.55 0.00	79.25 -3.52 0.00	88.00 -4.28 0.00	106.15 -5.37 0.00	96.48 -4.52 0.00	72.20 -3.07 0.00	75.43 -5.22 0.00	68.90 -6.09 0.00	99.63 -9.28 0.00	79.70 -6.67 0.00	69.59 -5.81 0.00	77.52 -7.31 0.00	91.29 -9.06 0.00	82.01 -8.19 0.00	106.26 -11.70 0.00	77.59 -7.94 0.00	85.36 -7.59 0.00	94.36 -9.14 0.00	72.29 -8.07 0.00	72.53 -8.54 0.48	62.98 -7.73 4.61	56.45 -7.72 7.51	60.63 -6.65 0.00	68.46 -6.78 0.00
DUNKIRK___1 23563	74.35 -3.55 0.00	79.25 -3.52 0.00	88.00 -4.28 0.00	106.15 -5.37 0.00	96.48 -4.52 0.00	72.20 -3.07 0.00	75.43 -5.22 0.00	68.90 -6.09 0.00	99.63 -9.28 0.00	79.70 -6.67 0.00	69.59 -5.81 0.00	77.52 -7.31 0.00	91.29 -9.06 0.00	82.01 -8.19 0.00	106.26 -11.70 0.00	77.59 -7.94 0.00	85.36 -7.59 0.00	94.36 -9.14 0.00	72.29 -8.07 0.00	72.53 -8.54 0.48	62.98 -7.73 4.61	56.45 -7.72 7.51	60.63 -6.65 0.00	68.46 -6.78 0.00
DUNKIRK___2 23564	74.35 -3.55 0.00	79.25 -3.52 0.00	88.00 -4.28 0.00	106.15 -5.37 0.00	96.48 -4.52 0.00	72.20 -3.07 0.00	75.43 -5.22 0.00	68.90 -6.09 0.00	99.63 -9.28 0.00	79.70 -6.67 0.00	69.59 -5.81 0.00	77.52 -7.31 0.00	91.29 -9.06 0.00	82.01 -8.19 0.00	106.26 -11.70 0.00	77.59 -7.94 0.00	85.36 -7.59 0.00	94.36 -9.14 0.00	72.29 -8.07 0.00	72.53 -8.54 0.48	62.98 -7.73 4.61	56.45 -7.72 7.51	60.63 -6.65 0.00	68.46 -6.78 0.00
DUNKIRK___3 23565	74.11 -3.79 0.00	79.01 -3.77 0.00	87.71 -4.57 0.00	105.83 -5.69 0.00	96.18 -4.82 0.00	71.94 -3.33 0.00	75.14 -5.50 0.00	68.59 -6.39 0.00	99.15 -9.76 0.00	79.32 -7.06 0.00	69.25 -6.15 0.00	77.22 -7.61 0.00	90.97 -9.37 0.00	81.77 -8.43 0.00	106.02 -11.93 0.00	77.49 -8.04 0.00	85.24 -7.71 0.00	94.32 -9.18 0.00	72.39 -7.97 0.00	72.57 -8.45 0.53	62.61 -7.61 5.09	55.86 -7.53 8.29	60.81 -6.48 0.00	68.65 -6.59 0.00
DUNKIRK___4 23566	74.11 -3.79 0.00	79.01 -3.77 0.00	87.71 -4.57 0.00	105.83 -5.69 0.00	96.18 -4.82 0.00	71.94 -3.33 0.00	75.14 -5.50 0.00	68.59 -6.39 0.00	99.15 -9.76 0.00	79.32 -7.06 0.00	69.25 -6.15 0.00	77.22 -7.61 0.00	90.97 -9.37 0.00	81.77 -8.43 0.00	106.02 -11.93 0.00	77.49 -8.04 0.00	85.24 -7.71 0.00	94.32 -9.18 0.00	72.39 -7.97 0.00	72.57 -8.45 0.53	62.61 -7.61 5.09	55.86 -7.53 8.29	60.81 -6.48 0.00	68.65 -6.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	83.21 5.31 0.00	87.78 5.01 0.00	96.97 4.69 0.00	116.78 5.26 0.00	105.79 4.78 0.00	79.33 4.07 0.00	85.19 4.55 0.00	79.31 4.31 0.00	114.90 5.99 0.00	90.75 4.37 0.00	79.32 3.92 0.00	89.39 4.56 0.00	105.52 5.18 0.00	95.08 4.88 0.00	124.14 6.18 0.00	90.92 5.39 0.00	99.93 6.98 0.00	112.14 8.64 0.00	87.20 6.84 0.00	88.36 6.81 0.00	81.57 6.26 0.00	77.30 5.62 0.00	71.71 4.42 0.00	79.53 4.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	83.02 5.12 0.00	87.61 4.84 0.00	96.87 4.59 0.00	116.77 5.25 0.00	105.79 4.78 0.00	79.30 4.03 0.00	85.13 4.49 0.00	79.23 4.24 0.00	114.77 5.87 0.00	90.59 4.21 0.00	79.04 3.64 0.00	89.01 4.18 0.00	105.11 4.76 0.00	94.73 4.53 0.00	123.91 5.95 0.00	90.69 5.16 0.00	99.69 6.75 0.00	111.93 8.44 0.00	87.01 6.65 0.00	88.16 6.61 0.00	81.33 6.02 0.00	77.06 5.39 0.00	71.52 4.23 0.00	79.34 4.09 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	83.20 5.30 0.00	87.81 5.03 0.00	96.91 4.63 0.00	116.59 5.07 0.00	105.68 4.68 0.00	79.29 4.03 0.00	85.20 4.55 0.00	79.35 4.36 0.00	114.98 6.08 0.00	90.90 4.52 0.00	79.40 4.01 0.00	89.42 4.59 0.00	105.50 5.16 0.00	95.11 4.91 0.00	124.19 6.23 0.00	91.07 5.54 0.00	100.08 7.13 0.00	112.35 8.86 0.00	87.43 7.07 0.00	88.67 7.12 0.00	81.79 6.48 -0.01	77.47 5.79 0.00	71.81 4.52 0.00	79.62 4.38 0.00
E179THST_13_KV_LOAD 356214	83.58 5.68 0.00	88.19 5.42 0.00	97.33 5.05 0.00	117.09 5.57 0.00	106.10 5.10 0.00	79.62 4.35 0.00	85.53 4.88 0.00	79.68 4.68 0.00	115.48 6.58 0.00	91.29 4.91 0.00	79.77 4.38 0.00	89.83 5.00 0.00	106.01 5.66 0.00	95.55 5.35 0.00	124.78 6.82 0.00	91.53 6.00 0.00	100.57 7.62 0.00	112.93 9.44 0.00	87.85 7.50 0.00	89.09 7.54 0.00	82.17 6.86 -0.01	77.84 6.17 0.00	72.14 4.86 0.00	79.97 4.73 0.00
EAST HAMPTON___GT 23717	84.32 6.42 0.00	88.92 6.15 0.00	97.73 5.45 0.00	117.79 6.26 0.00	105.83 4.82 0.00	80.55 5.29 0.00	86.52 5.87 0.00	80.89 5.90 0.00	116.76 7.85 0.00	91.45 5.07 0.00	79.53 4.13 0.00	91.74 6.91 0.00	109.03 8.69 0.00	99.72 9.52 0.00	130.57 12.61 0.00	145.69 11.10 -49.06	113.84 14.28 -6.62	128.47 17.02 -7.95	118.44 13.98 -24.10	116.75 13.97 -21.22	117.98 12.57 -30.11	94.73 11.38 -11.68	75.52 8.24 0.00	84.41 9.16 0.00
EAST RIVER___6 23660	83.33 5.43 0.00	87.83 5.05 0.00	96.94 4.66 0.00	116.66 5.14 0.00	105.73 4.72 0.00	79.33 4.06 0.00	85.20 4.55 0.00	79.38 4.39 0.00	115.02 6.12 0.00	90.91 4.53 0.00	79.51 4.12 0.00	89.55 4.72 0.00	105.68 5.33 0.00	95.26 5.06 0.00	124.30 6.34 0.00	91.20 5.68 0.00	100.28 7.33 0.00	112.49 9.00 0.00	87.50 7.14 0.00	88.63 7.08 0.00	81.79 6.48 0.00	77.48 5.80 0.00	71.83 4.55 0.00	79.59 4.35 0.00
EAST RIVER___7 23524	83.33 5.43 0.00	87.83 5.05 0.00	96.94 4.66 0.00	116.66 5.14 0.00	105.73 4.72 0.00	79.33 4.06 0.00	85.20 4.55 0.00	79.38 4.39 0.00	115.02 6.12 0.00	90.91 4.53 0.00	79.51 4.12 0.00	89.55 4.72 0.00	105.68 5.33 0.00	95.26 5.06 0.00	124.30 6.34 0.00	91.20 5.68 0.00	100.28 7.33 0.00	112.49 9.00 0.00	87.50 7.14 0.00	88.63 7.08 0.00	81.79 6.48 0.00	77.48 5.80 0.00	71.83 4.55 0.00	79.59 4.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	83.00 5.10 0.00	87.53 4.76 0.00	96.72 4.44 0.00	116.54 5.02 0.00	105.56 4.56 0.00	79.17 3.91 0.00	84.99 4.34 0.00	79.13 4.14 0.00	114.61 5.70 0.00	90.52 4.14 0.00	79.09 3.70 0.00	89.15 4.32 0.00	105.24 4.89 0.00	94.83 4.63 0.00	123.80 5.84 0.00	90.65 5.13 0.00	99.62 6.68 0.00	111.80 8.31 0.00	86.95 6.59 0.00	88.11 6.56 0.00	81.34 6.03 0.00	77.08 5.40 0.00	71.50 4.22 0.00	79.32 4.08 0.00
EAST_HAMPTON___DIESEL 23722	84.07 6.17 0.00	88.66 5.89 0.00	97.44 5.16 0.00	117.43 5.91 0.00	105.50 4.50 0.00	80.31 5.04 0.00	86.28 5.63 0.00	80.67 5.68 0.00	116.48 7.57 0.00	91.20 4.82 0.00	79.33 3.94 0.00	91.62 6.79 0.00	108.95 8.61 0.00	99.70 9.50 0.00	130.61 12.65 0.00	145.69 11.10 -49.06	113.85 14.29 -6.62	128.46 17.02 -7.95	118.45 13.99 -24.10	116.77 14.00 -21.22	117.99 12.57 -30.11	94.76 11.41 -11.68	75.46 8.18 0.00	84.39 9.15 0.00
EAST_POINT___SOLAR 323840	83.31 5.41 0.00	88.33 5.56 0.00	98.53 6.24 0.00	119.04 7.52 0.00	107.92 6.92 0.00	80.64 5.37 0.00	86.33 5.69 0.00	80.43 5.44 0.00	116.62 7.70 0.00	91.95 5.57 0.00	79.69 4.30 0.00	89.30 4.47 0.00	104.70 4.36 0.00	94.29 4.08 0.00	123.74 5.78 0.00	90.89 5.36 0.00	100.31 7.36 0.00	112.54 9.05 0.00	87.36 7.01 0.00	88.37 6.82 0.00	81.31 6.00 0.00	77.10 5.42 0.00	71.99 4.71 0.00	80.25 5.00 0.00
EAST_PULASKI___ESR 323781	76.38 -1.52 0.00	81.15 -1.62 0.00	90.31 -1.97 0.00	109.10 -2.42 0.00	98.88 -2.12 0.00	73.88 -1.39 0.00	78.84 -1.81 0.00	73.28 -1.71 0.00	106.50 -2.41 0.00	84.58 -1.80 0.00	73.85 -1.55 0.00	82.81 -2.02 0.00	97.72 -2.63 0.00	87.83 -2.37 0.00	115.11 -2.85 0.00	83.60 -1.92 0.00	91.49 -1.46 0.00	102.30 -1.19 0.00	79.41 -0.95 0.00	80.43 -1.12 0.00	74.11 -1.20 0.00	70.36 -1.31 0.00	65.72 -1.57 0.00	73.44 -1.80 0.00
EAST_RIVER___1 323558	83.32 5.42 0.00	87.83 5.05 0.00	96.97 4.69 0.00	116.75 5.23 0.00	105.78 4.78 0.00	79.33 4.06 0.00	85.22 4.58 0.00	79.38 4.39 0.00	115.05 6.14 0.00	90.88 4.50 0.00	79.48 4.08 0.00	89.52 4.69 0.00	105.63 5.29 0.00	95.20 5.00 0.00	124.27 6.31 0.00	91.11 5.58 0.00	100.17 7.23 0.00	112.41 8.92 0.00	87.42 7.07 0.00	88.58 7.03 0.00	81.76 6.45 0.00	77.44 5.77 0.00	71.81 4.53 0.00	79.58 4.34 0.00
EAST_RIVER___2 323559	83.33 5.43 0.00	87.83 5.05 0.00	96.94 4.66 0.00	116.66 5.14 0.00	105.73 4.72 0.00	79.33 4.06 0.00	85.20 4.55 0.00	79.38 4.39 0.00	115.02 6.12 0.00	90.91 4.53 0.00	79.51 4.12 0.00	89.55 4.72 0.00	105.68 5.33 0.00	95.26 5.06 0.00	124.30 6.34 0.00	91.20 5.68 0.00	100.28 7.33 0.00	112.49 9.00 0.00	87.50 7.14 0.00	88.63 7.08 0.00	81.79 6.48 0.00	77.48 5.80 0.00	71.83 4.55 0.00	79.59 4.35 0.00
EAST___DELAWARE_HYD 23607	82.15 4.25 0.00	86.70 3.93 0.00	95.88 3.60 0.00	115.54 4.02 0.00	104.69 3.69 0.00	78.53 3.27 0.00	84.33 3.69 0.00	78.61 3.62 0.00	113.92 5.01 0.00	89.78 3.40 0.00	78.12 2.72 0.00	87.92 3.09 0.00	103.73 3.39 0.00	93.54 3.34 0.00	122.77 4.81 0.00	89.91 4.38 0.00	98.92 5.98 0.00	111.19 7.70 0.00	86.39 6.03 0.00	87.51 5.96 0.00	80.68 5.37 0.00	76.40 4.73 0.00	70.87 3.59 0.00	78.53 3.29 0.00
EIGHT_POINT___WT_PWR 323820	75.69 -2.24 -0.03	80.36 -2.41 0.00	89.06 -3.23 0.00	107.67 -3.85 0.00	98.10 -2.90 0.00	73.60 -1.67 0.00	77.81 -2.84 0.00	72.07 -2.92 0.00	104.54 -4.37 0.00	83.26 -3.12 0.00	72.35 -3.04 0.00	80.87 -3.96 0.00	95.77 -4.57 0.00	86.38 -3.82 0.00	113.34 -4.62 0.00	82.50 -3.03 0.00	90.63 -2.31 0.00	100.68 -2.82 0.00	76.91 -3.45 0.00	78.90 -4.44 -1.79	87.87 -4.37 -16.93	93.79 -5.32 -27.44	61.77 -5.51 0.00	69.22 -6.03 0.00
ELBRIDGE_115KV_TB2 80188	77.29 -0.61 0.00	82.03 -0.74 0.00	91.07 -1.21 0.00	110.06 -1.46 0.00	99.77 -1.23 0.00	74.58 -0.69 0.00	79.52 -1.13 0.00	73.79 -1.20 0.00	107.16 -1.75 0.00	85.02 -1.36 0.00	74.29 -1.11 0.00	83.46 -1.37 0.00	98.69 -1.66 0.00	88.74 -1.46 0.00	115.86 -2.10 0.00	84.37 -1.15 0.00	92.08 -0.87 0.00	102.69 -0.80 0.00	79.64 -0.71 0.00	80.73 -0.82 0.00	74.47 -0.84 0.00	70.71 -0.96 0.00	66.28 -1.01 0.00	73.91 -1.33 0.00
ELEC_TRO_TEK 24086	84.09 6.19 0.00	88.81 6.04 0.00	97.92 5.64 0.00	117.82 6.29 0.00	106.60 5.60 0.00	80.25 4.98 0.00	86.06 5.42 0.00	80.17 5.18 0.00	115.90 6.99 0.00	91.47 5.09 0.00	79.59 4.19 0.00	90.33 5.50 0.00	106.56 6.22 0.00	96.30 6.10 0.00	125.24 7.29 0.00	141.20 6.62 -49.06	107.98 8.43 -6.62	121.57 10.13 -7.95	112.59 8.14 -24.10	110.87 8.10 -21.22	112.77 7.36 -30.11	90.05 6.70 -11.68	72.71 5.42 0.00	80.57 5.33 0.00

ELLENBURG_WT_PWR 323604	76.91 -0.99 0.00	82.52 -0.25 0.00	92.91 0.64 0.00	112.27 0.75 0.00	101.49 0.48 0.00	75.32 0.05 0.00	81.06 0.42 0.00	75.40 0.41 0.00	109.99 1.08 0.00	87.59 1.21 0.00	76.40 1.01 0.00	85.88 1.05 0.00	101.62 1.28 0.00	91.56 1.36 0.00	120.03 2.07 0.00	86.86 1.34 0.00	93.65 0.71 0.00	104.07 0.58 0.00	80.74 0.38 0.00	81.87 0.32 0.00	75.56 0.25 0.00	72.00 0.33 0.00	68.10 0.81 0.00	76.56 1.32 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	73.25 -4.66 0.00	78.14 -4.62 0.00	86.68 -5.60 0.00	104.55 -6.98 0.00	94.96 -6.04 0.00	70.96 -4.31 0.00	74.02 -6.63 0.00	67.47 -7.52 0.00	97.45 -11.46 0.00	77.99 -8.39 0.00	68.04 -7.35 0.00	75.94 -8.88 0.00	89.43 -10.91 0.00	80.41 -9.79 0.00	104.44 -13.51 0.00	76.48 -9.04 0.00	84.12 -8.83 0.00	93.35 -10.14 0.00	71.99 -8.36 0.54	72.19 -8.83 0.54	62.18 -7.98 5.15	55.60 -7.69 8.38	60.72 -6.57 0.00	68.53 -6.71 0.00
EMPIRE_CC_1 323656	80.98 3.08 0.00	85.82 3.05 0.00	95.08 2.80 0.00	114.99 3.47 0.00	104.10 3.09 0.00	77.88 2.61 0.00	83.34 2.70 0.00	77.38 2.39 0.00	112.20 3.29 0.00	88.84 2.46 0.00	77.70 2.31 0.00	87.18 2.35 0.00	102.91 2.56 0.00	92.63 2.43 0.00	121.12 3.16 0.00	88.20 2.68 0.00	96.13 3.18 0.00	107.24 3.75 0.00	83.41 3.05 0.00	84.60 3.05 0.00	78.36 3.05 0.00	74.52 2.85 0.00	69.64 2.36 0.00	77.63 2.39 0.00
EMPIRE_CC_2 323658	80.98 3.08 0.00	85.82 3.05 0.00	95.08 2.80 0.00	114.99 3.47 0.00	104.10 3.09 0.00	77.88 2.61 0.00	83.34 2.70 0.00	77.38 2.39 0.00	112.20 3.29 0.00	88.84 2.46 0.00	77.70 2.31 0.00	87.18 2.35 0.00	102.91 2.56 0.00	92.63 2.43 0.00	121.12 3.16 0.00	88.20 2.68 0.00	96.13 3.18 0.00	107.24 3.75 0.00	83.41 3.05 0.00	84.60 3.05 0.00	78.36 3.05 0.00	74.52 2.85 0.00	69.64 2.36 0.00	77.63 2.39 0.00
ENORWICH_115KV_TB1 80156	83.22 5.31 0.00	88.19 5.43 0.00	98.39 6.11 0.00	119.10 7.58 0.00	108.41 7.41 0.00	81.77 6.50 0.00	87.60 6.95 0.00	81.62 6.63 0.00	118.89 9.98 0.00	94.56 8.18 0.00	82.56 7.16 0.00	92.44 7.61 0.00	108.79 8.44 0.00	98.05 7.85 0.00	128.47 10.51 0.00	93.68 8.15 0.00	103.00 10.06 0.00	115.25 11.76 0.00	89.36 9.00 0.00	90.27 8.72 0.00	82.52 7.21 0.00	77.88 6.20 0.00	72.14 4.86 0.00	80.33 5.09 0.00
ERIE_ST__34_KV_TB1-2 80199	74.89 -3.02 0.00	79.90 -2.87 0.00	88.59 -3.69 0.00	106.93 -4.60 0.00	97.11 -3.89 0.00	72.58 -2.69 0.00	75.78 -4.87 0.00	69.16 -5.83 0.00	99.94 -8.96 0.00	79.93 -6.45 0.00	69.82 -5.58 0.00	78.12 -6.71 0.00	92.10 -8.24 0.00	82.78 -7.41 0.00	107.66 -10.29 0.00	78.72 -6.81 0.00	86.62 -6.33 0.00	96.12 -7.37 0.00	74.13 -6.23 0.00	74.47 -6.64 0.44	65.04 -6.03 4.24	58.90 -5.88 6.90	62.48 -4.81 0.00	70.39 -4.85 0.00
ERIE_WT_PWR 323693	73.67 -4.07 0.16	78.73 -4.04 0.00	87.34 -4.94 0.00	105.43 -6.09 0.00	95.88 -5.13 0.00	71.59 -3.68 0.00	74.75 -5.90 0.00	68.10 -6.89 0.00	98.39 -10.52 0.00	78.72 -7.66 0.00	68.68 -6.72 0.00	76.67 -8.16 0.00	90.33 -10.01 0.00	81.25 -8.95 0.00	105.67 -12.29 0.00	77.29 -8.23 0.00	85.09 -7.85 0.00	94.36 -9.14 0.00	72.84 -7.52 0.00	72.98 -8.06 0.51	63.21 -7.25 4.86	56.77 -6.99 7.91	61.18 -6.11 0.00	69.10 -6.14 0.00
ESPRGFLD_115KV_TB1 80157	81.04 3.14 0.00	85.94 3.17 0.00	95.97 3.69 0.00	115.97 4.45 0.00	105.15 4.15 0.00	78.59 3.32 0.00	84.08 3.43 0.00	78.09 3.10 0.00	113.48 4.58 0.00	90.03 3.65 0.00	78.62 3.23 0.00	88.53 3.70 0.00	104.58 4.24 0.00	94.00 3.80 0.00	122.48 4.52 0.00	89.24 3.72 0.00	97.59 4.65 0.00	109.21 5.72 0.00	84.84 4.48 0.00	85.84 4.29 0.00	78.97 3.66 0.00	74.89 3.22 0.00	70.03 2.74 0.00	78.18 2.94 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	79.14 1.24 0.00	83.94 1.16 0.00	93.13 0.85 0.00	112.61 1.09 0.00	102.13 1.13 0.00	76.43 1.17 0.00	81.53 0.88 0.00	75.76 0.76 0.00	110.05 1.14 0.00	87.39 1.01 0.00	76.32 0.92 0.00	85.60 0.77 0.00	100.92 0.57 0.00	90.84 0.64 0.00	118.93 0.97 0.00	86.65 1.13 0.00	94.85 1.90 0.00	105.88 2.39 0.00	82.11 1.75 0.00	83.16 1.61 0.00	76.59 1.28 0.00	72.63 0.95 0.00	67.88 0.59 0.00	75.66 0.42 0.00
ETNA____115KV_TB2 80207	79.14 1.24 0.00	83.94 1.16 0.00	93.13 0.85 0.00	112.61 1.09 0.00	102.13 1.13 0.00	76.43 1.17 0.00	81.53 0.88 0.00	75.76 0.76 0.00	110.05 1.14 0.00	87.39 1.01 0.00	76.32 0.92 0.00	85.60 0.77 0.00	100.92 0.57 0.00	90.84 0.64 0.00	118.93 0.97 0.00	86.65 1.13 0.00	94.85 1.90 0.00	105.88 2.39 0.00	82.11 1.75 0.00	83.16 1.61 0.00	76.59 1.28 0.00	72.63 0.95 0.00	67.88 0.59 0.00	75.66 0.42 0.00
EUCLID____115KV_TB2 356179	76.17 -1.73 0.00	80.88 -1.89 0.00	89.87 -2.42 0.00	108.57 -2.95 0.00	98.39 -2.61 0.00	73.52 -1.75 0.00	78.45 -2.20 0.00	72.82 -2.17 0.00	105.70 -3.21 0.00	83.94 -2.44 0.00	73.31 -2.09 0.00	82.38 -2.45 0.00	97.41 -2.93 0.00	87.59 -2.61 0.00	114.49 -3.46 0.00	83.19 -2.33 0.00	90.86 -2.09 0.00	101.32 -2.18 0.00	78.60 -1.76 0.00	79.63 -1.92 0.00	73.44 -1.87 0.00	69.71 -1.96 0.00	65.29 -2.00 0.00	72.93 -2.31 0.00
E_CANADA_CAP_HY 24051	81.66 3.76 0.00	86.62 3.85 0.00	96.85 4.57 0.00	117.05 5.53 0.00	106.14 5.13 0.00	79.19 3.93 0.00	84.76 4.12 0.00	78.73 3.75 0.00	114.31 5.40 0.00	90.53 4.15 0.00	78.73 3.34 0.00	88.46 3.63 0.00	104.34 4.00 0.00	93.50 3.30 0.00	122.05 4.09 0.00	89.30 3.77 0.00	97.89 4.94 0.00	109.62 6.13 0.00	85.11 4.75 0.00	86.13 4.58 0.00	79.34 4.03 0.00	75.29 3.62 0.00	70.56 3.27 0.00	78.85 3.61 0.00
E_CANADA_MHWK_HY 24050	80.31 2.40 0.00	85.00 2.23 0.00	93.96 1.68 0.00	113.49 1.97 0.00	102.71 1.71 0.00	77.27 2.01 0.00	82.89 2.24 0.00	77.33 2.34 0.00	112.09 3.18 0.00	88.64 2.26 0.00	76.93 1.53 0.00	86.17 1.35 0.00	101.58 1.24 0.00	90.85 0.66 0.00	119.46 1.51 0.00	87.64 2.12 0.00	97.05 4.11 0.00	108.46 4.97 0.00	84.22 3.87 0.00	85.41 3.86 0.00	78.78 3.47 0.00	74.64 2.97 0.00	69.32 2.04 0.00	76.97 1.73 0.00
E_FISHKILL____LBMP 23776	82.66 4.76 0.00	87.27 4.50 0.00	96.45 4.17 0.00	116.28 4.76 0.00	105.31 4.30 0.00	78.96 3.69 0.00	84.71 4.07 0.00	78.83 3.84 0.00	114.23 5.32 0.00	90.24 3.86 0.00	78.86 3.46 0.00	88.86 4.03 0.00	104.92 4.57 0.00	94.50 4.30 0.00	123.42 5.46 0.00	90.22 4.69 0.00	99.07 6.13 0.00	111.11 7.62 0.00	86.41 6.06 0.00	87.60 6.05 0.00	80.86 5.55 0.00	76.65 4.97 0.00	71.19 3.90 0.00	79.02 3.77 0.00
FALCON____SEABRD_CC1 323796	77.48 -0.42 0.00	83.01 0.24 0.00	93.43 1.15 0.00	112.93 1.41 0.00	102.16 1.15 0.00	75.98 0.71 0.00	81.74 1.10 0.00	76.02 1.03 0.00	110.83 1.92 0.00	88.19 1.81 0.00	77.01 1.62 0.00	86.50 1.67 0.00	102.16 1.82 0.00	92.09 1.89 0.00	120.72 2.76 0.00	87.60 2.07 0.00	94.57 1.62 0.00	105.17 1.68 0.00	81.58 1.23 0.00	82.64 1.09 0.00	76.19 0.88 0.00	72.54 0.87 0.00	68.54 1.26 0.00	77.07 1.83 0.00

FALCON___SEABRD_CC2 323797	77.48 -0.42 0.00	83.01 0.24 0.00	93.43 1.15 0.00	112.93 1.41 0.00	102.16 1.15 0.00	75.98 0.71 0.00	81.74 1.10 0.00	76.02 1.03 0.00	110.83 1.92 0.00	88.19 1.81 0.00	77.01 1.62 0.00	86.50 1.67 0.00	102.16 1.82 0.00	92.09 1.89 0.00	120.72 2.76 0.00	87.60 2.07 0.00	94.57 1.62 0.00	105.17 1.68 0.00	81.58 1.23 0.00	82.64 1.09 0.00	76.19 0.88 0.00	72.54 0.87 0.00	68.54 1.26 0.00	77.07 1.83 0.00
FAR ROCKAWAY___4 23548	85.21 7.30 0.00	89.97 7.20 0.00	99.15 6.87 0.00	119.29 7.77 0.00	107.94 6.93 0.00	81.23 5.96 0.00	87.11 6.46 0.00	81.12 6.13 0.00	117.28 8.37 0.00	92.57 6.19 0.00	80.42 5.02 0.00	91.43 6.60 0.00	107.87 7.52 0.00	97.50 7.30 0.00	126.74 8.78 0.00	142.35 7.77 -49.06	109.18 9.62 -6.62	122.76 11.32 -7.95	113.83 9.37 -24.10	112.00 9.22 -21.22	113.84 8.42 -30.11	91.05 7.70 -11.68	73.65 6.36 0.00	81.60 6.35 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	83.40 5.50 0.00	87.89 5.12 0.00	97.07 4.79 0.00	116.86 5.34 0.00	105.88 4.88 0.00	79.41 4.14 0.00	85.30 4.66 0.00	79.45 4.46 0.00	115.13 6.23 0.00	90.94 4.56 0.00	79.53 4.13 0.00	89.55 4.73 0.00	105.72 5.38 0.00	95.27 5.07 0.00	124.35 6.39 0.00	91.14 5.61 0.00	100.22 7.28 0.00	112.52 9.02 0.00	87.49 7.13 0.00	88.61 7.06 0.00	81.80 6.49 0.00	77.51 5.84 0.00	71.87 4.59 0.00	79.65 4.41 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	83.45 5.55 0.00	87.94 5.17 0.00	97.11 4.83 0.00	116.91 5.39 0.00	105.92 4.92 0.00	79.48 4.21 0.00	85.35 4.71 0.00	79.51 4.52 0.00	115.18 6.27 0.00	90.98 4.60 0.00	79.59 4.19 0.00	89.61 4.78 0.00	105.74 5.40 0.00	95.31 5.10 0.00	124.41 6.45 0.00	91.21 5.69 0.00	100.29 7.35 0.00	112.58 9.08 0.00	87.56 7.20 0.00	88.68 7.13 0.00	81.86 6.56 0.00	77.54 5.87 0.00	71.92 4.64 0.00	79.71 4.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	83.36 5.45 0.00	87.86 5.09 0.00	97.01 4.73 0.00	116.80 5.28 0.00	105.81 4.81 0.00	79.40 4.13 0.00	85.27 4.63 0.00	79.43 4.44 0.00	115.07 6.17 0.00	90.89 4.52 0.00	79.50 4.10 0.00	89.53 4.70 0.00	105.64 5.30 0.00	95.20 5.00 0.00	124.29 6.33 0.00	91.11 5.59 0.00	100.17 7.23 0.00	112.43 8.94 0.00	87.43 7.07 0.00	88.59 7.04 0.00	81.77 6.46 0.00	77.45 5.78 0.00	71.84 4.55 0.00	79.62 4.38 0.00
FARRAGUT___LBMP 323566	83.30 5.39 0.00	87.78 5.01 0.00	96.93 4.65 0.00	116.71 5.19 0.00	105.75 4.75 0.00	79.33 4.07 0.00	85.21 4.56 0.00	79.36 4.37 0.00	115.00 6.09 0.00	90.82 4.44 0.00	79.43 4.04 0.00	89.45 4.62 0.00	105.57 5.23 0.00	95.13 4.93 0.00	124.18 6.23 0.00	91.04 5.52 0.00	100.10 7.16 0.00	112.34 8.84 0.00	87.35 7.00 0.00	88.52 6.97 0.00	81.71 6.40 0.00	77.39 5.72 0.00	71.79 4.50 0.00	79.57 4.33 0.00
FENNER___WINDPWR 24204	79.35 1.45 0.00	84.29 1.53 0.00	93.71 1.43 0.00	113.30 1.78 0.00	102.71 1.71 0.00	76.80 1.53 0.00	82.11 1.46 0.00	76.32 1.33 0.00	110.93 2.02 0.00	88.08 1.70 0.00	76.91 1.52 0.00	86.44 1.61 0.00	102.13 1.79 0.00	91.84 1.65 0.00	120.29 2.33 0.00	87.42 1.90 0.00	95.45 2.51 0.00	106.25 2.75 0.00	82.48 2.12 0.00	83.51 1.96 0.00	76.88 1.57 0.00	72.85 1.17 0.00	68.10 0.82 0.00	75.97 0.73 0.00
FIBERTEK___ENERGY 23856	77.40 -0.50 0.00	82.14 -0.62 0.00	91.22 -1.06 0.00	110.24 -1.29 0.00	99.92 -1.08 0.00	74.70 -0.57 0.00	79.64 -1.01 0.00	73.93 -1.06 0.00	107.37 -1.54 0.00	85.23 -1.15 0.00	74.47 -0.93 0.00	83.74 -1.10 0.00	99.01 -1.33 0.00	89.03 -1.17 0.00	116.33 -1.63 0.00	84.61 -0.91 0.00	92.39 -0.55 0.00	103.01 -0.48 0.00	79.90 -0.46 0.00	80.94 -0.62 0.00	74.63 -0.68 0.00	70.83 -0.85 0.00	66.32 -0.97 0.00	74.01 -1.23 0.00
FITZPATRICK____ 23598	74.90 -3.00 0.00	79.56 -3.21 0.00	88.52 -3.76 0.00	106.92 -4.60 0.00	96.86 -4.14 0.00	72.32 -2.94 0.00	77.25 -3.39 0.00	71.73 -3.26 0.00	104.11 -4.80 0.00	82.65 -3.73 0.00	72.17 -3.23 0.00	81.12 -3.71 0.00	95.90 -4.44 0.00	86.24 -3.96 0.00	112.72 -5.24 0.00	81.87 -3.65 0.00	89.26 -3.68 0.00	99.52 -3.98 0.00	77.21 -3.14 0.00	78.29 -3.26 0.00	72.27 -3.04 0.00	68.69 -2.99 0.00	64.39 -2.90 0.00	71.96 -3.28 0.00
FLOWRFLD_69_KV_BK1 356044	85.56 7.66 0.00	90.34 7.57 0.00	99.40 7.12 0.00	119.63 8.11 0.00	107.84 6.83 0.00	81.61 6.34 0.00	87.54 6.89 0.00	81.64 6.65 0.00	117.91 9.00 0.00	92.77 6.39 0.00	80.51 5.11 0.00	91.41 6.58 0.00	107.87 7.52 0.00	97.73 7.53 0.00	127.31 9.35 0.00	143.03 8.45 -49.06	110.45 10.89 -6.62	124.71 13.26 -7.95	115.22 10.76 -24.10	113.45 10.69 -21.22	115.00 9.58 -30.11	92.10 8.74 -11.68	74.45 7.17 0.00	82.36 7.11 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	83.96 6.06 0.00	88.60 5.83 0.00	97.93 5.65 0.00	118.06 6.54 0.00	106.97 5.96 0.00	80.19 4.92 0.00	86.05 5.41 0.00	80.12 5.13 0.00	116.12 7.21 0.00	91.65 5.27 0.00	79.95 4.55 0.00	90.05 5.22 0.00	106.33 5.98 0.00	95.82 5.62 0.00	125.32 7.36 0.00	91.73 6.21 0.00	100.84 7.90 0.00	113.19 9.70 0.00	88.00 7.64 0.00	89.15 7.60 0.00	82.24 6.93 0.00	77.91 6.23 0.00	72.31 5.02 0.00	80.20 4.95 0.00
FORT ORANGE____ 23900	81.54 3.64 0.00	86.36 3.59 0.00	95.72 3.44 0.00	115.69 4.17 0.00	104.70 3.70 0.00	78.12 2.85 0.00	83.28 2.64 0.00	77.47 2.47 0.00	112.44 3.53 0.00	88.90 2.52 0.00	77.58 2.18 0.00	87.24 2.41 0.00	102.79 2.44 0.00	92.36 2.16 0.00	121.77 3.81 0.00	88.44 2.91 0.00	96.27 3.32 0.00	106.97 3.48 0.00	82.84 2.49 0.00	84.17 2.62 0.00	77.83 2.52 0.00	74.06 2.39 0.00	69.23 1.95 0.00	77.81 2.57 0.00
FORT_DRUM_COGEN 23780	78.45 0.55 0.00	83.63 0.85 0.00	93.60 1.32 0.00	113.18 1.66 0.00	102.69 1.69 0.00	76.67 1.40 0.00	82.06 1.42 0.00	76.31 1.32 0.00	111.28 2.38 0.00	88.35 1.97 0.00	76.82 1.42 0.00	85.46 0.63 0.00	100.18 -0.17 0.00	89.96 -0.24 0.00	118.62 0.66 0.00	86.41 0.88 0.00	95.28 2.34 0.00	107.09 3.60 0.00	83.11 2.75 0.00	84.05 2.50 0.00	77.21 1.90 0.00	73.17 1.50 0.00	68.02 0.73 0.00	76.19 0.95 0.00
FOX_HILLS___ESR 323835	85.23 5.73 -1.60	88.10 5.33 0.00	97.21 4.93 0.00	116.97 5.45 0.00	105.99 4.99 0.00	79.56 4.29 0.00	85.57 4.92 0.00	82.59 4.76 -2.84	115.94 6.61 -0.42	94.92 5.01 -3.53	79.62 4.22 0.00	89.67 4.84 0.00	105.77 5.42 0.00	95.34 5.14 0.00	124.47 6.51 0.00	91.35 5.82 0.00	100.91 7.53 -0.43	137.01 9.71 -23.81	124.27 7.83 -36.09	125.47 7.88 -36.04	120.20 7.23 -37.66	94.16 6.50 -15.98	79.73 5.16 -7.29	80.15 4.90 0.00
FPL FAR_ROCK_GT1 24212	85.20 7.30 0.00	89.97 7.20 0.00	99.15 6.87 0.00	119.29 7.77 0.00	107.94 6.94 0.00	81.23 5.96 0.00	87.11 6.47 0.00	81.11 6.12 0.00	117.28 8.37 0.00	92.57 6.20 0.00	80.41 5.02 0.00	91.43 6.60 0.00	107.86 7.51 0.00	97.50 7.29 0.00	126.74 8.78 0.00	142.34 7.76 -49.06	109.17 9.61 -6.62	122.76 11.32 -7.95	113.82 9.36 -24.10	112.00 9.23 -21.22	113.85 8.43 -30.11	91.07 7.72 -11.68	73.65 6.36 0.00	81.59 6.35 0.00

GOODYEAR_LAKE_HYD 323669	80.91 3.01 0.00	85.81 3.04 0.00	95.48 3.20 0.00	115.36 3.84 0.00	104.57 3.56 0.00	78.27 3.00 0.00	83.70 3.05 0.00	77.82 2.83 0.00	113.03 4.12 0.00	89.61 3.23 0.00	78.40 3.00 0.00	88.36 3.53 0.00	104.49 4.15 0.00	94.00 3.80 0.00	122.60 4.64 0.00	89.12 3.60 0.00	97.47 4.53 0.00	108.92 5.43 0.00	84.61 4.25 0.00	85.69 4.14 0.00	78.88 3.57 0.00	74.81 3.14 0.00	69.76 2.48 0.00	77.77 2.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	77.93 0.03 0.00	82.65 -0.12 0.00	91.72 -0.57 0.00	110.89 -0.63 0.00	100.57 -0.44 0.00	75.27 0.01 0.00	80.13 -0.52 0.00	74.35 -0.64 0.00	107.91 -1.00 0.00	85.72 -0.66 0.00	74.93 -0.47 0.00	84.21 -0.62 0.00	99.69 -0.65 0.00	89.71 -0.49 0.00	117.26 -0.70 0.00	85.30 -0.22 0.00	93.23 0.28 0.00	103.82 0.33 0.00	80.40 0.04 0.00	81.57 -0.06 -0.08	75.90 -0.18 -0.78	72.55 -0.39 -1.26	66.71 -0.57 0.00	74.45 -0.79 0.00
GOUDEY___7 23579	77.93 0.03 0.00	82.65 -0.12 0.00	91.72 -0.57 0.00	110.89 -0.63 0.00	100.57 -0.44 0.00	75.27 0.01 0.00	80.13 -0.52 0.00	74.35 -0.64 0.00	107.91 -1.00 0.00	85.72 -0.66 0.00	74.93 -0.47 0.00	84.21 -0.62 0.00	99.69 -0.65 0.00	89.71 -0.49 0.00	117.26 -0.70 0.00	85.30 -0.22 0.00	93.23 0.28 0.00	103.82 0.33 0.00	80.40 0.04 0.00	81.57 -0.06 -0.08	75.90 -0.18 -0.78	72.55 -0.39 -1.26	66.71 -0.57 0.00	74.45 -0.79 0.00
GOUDEY___8 23580	77.93 0.03 0.00	82.65 -0.12 0.00	91.72 -0.57 0.00	110.89 -0.63 0.00	100.57 -0.44 0.00	75.27 0.01 0.00	80.13 -0.52 0.00	74.35 -0.64 0.00	107.91 -1.00 0.00	85.72 -0.66 0.00	74.93 -0.47 0.00	84.21 -0.62 0.00	99.69 -0.65 0.00	89.71 -0.49 0.00	117.26 -0.70 0.00	85.30 -0.22 0.00	93.23 0.28 0.00	103.82 0.33 0.00	80.40 0.04 0.00	81.57 -0.06 -0.08	75.90 -0.18 -0.78	72.55 -0.39 -1.26	66.71 -0.57 0.00	74.45 -0.79 0.00
GOWANUS_GT1_1 24077	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT1_2 24078	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT1_3 24079	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT1_4 24080	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT1_5 24084	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT1_6 24111	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT1_7 24112	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT1_8 24113	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00
GOWANUS_GT2_1 24114	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
GOWANUS_GT2_2 24115	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
GOWANUS_GT2_3 24116	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00

HILLBURN___GT 23639	82.35 4.44 0.00	86.83 4.06 0.00	95.96 3.68 0.00	115.65 4.13 0.00	104.78 3.77 0.00	78.57 3.30 0.00	84.38 3.74 0.00	78.49 3.50 0.00	113.66 4.76 0.00	89.76 3.38 0.00	78.42 3.02 0.00	88.43 3.60 0.00	104.39 4.05 0.00	94.03 3.83 0.00	122.75 4.79 0.00	89.88 4.36 0.00	98.81 5.87 0.00	110.99 7.50 0.00	86.28 5.93 0.00	87.44 5.89 0.00	80.68 5.37 0.00	76.49 4.81 0.00	70.94 3.66 0.00	78.70 3.46 0.00
HILLSIDE_115KV_TB1 80332	76.04 -1.86 0.00	80.62 -2.15 0.00	89.21 -3.07 0.00	107.98 -3.54 0.00	98.01 -2.99 0.00	73.43 -1.83 0.00	77.85 -2.80 0.00	72.28 -2.71 0.00	104.85 -4.06 0.00	83.45 -2.93 0.00	72.93 -2.47 0.00	81.71 -3.12 0.00	96.83 -3.52 0.00	87.14 -3.06 0.00	114.09 -3.87 0.00	83.07 -2.46 0.00	90.78 -2.17 0.00	100.89 -2.60 0.00	77.85 -2.51 0.00	79.22 -2.63 -0.30	75.64 -2.52 -2.85	73.49 -2.80 -4.62	64.59 -2.69 0.00	72.09 -3.15 0.00
HISHELDN_WT_PWR 323625	73.63 -4.21 0.06	78.46 -4.31 0.00	86.96 -5.33 0.00	105.12 -6.40 0.00	95.49 -5.51 0.00	71.41 -3.86 0.00	74.74 -5.90 0.00	68.40 -6.59 0.00	98.87 -10.04 0.00	78.95 -7.43 0.00	68.76 -6.64 0.00	76.88 -7.95 0.00	90.69 -9.65 0.00	81.73 -8.48 0.00	106.44 -11.51 0.00	77.80 -7.73 0.00	85.56 -7.39 0.00	94.92 -8.58 0.00	73.06 -7.30 0.00	72.32 -7.88 1.35	55.24 -7.27 12.80	43.70 -7.18 20.80	60.73 -6.56 0.00	68.43 -6.82 0.00
HOLTSVILLE_IC_1 23690	85.12 7.22 0.00	89.87 7.10 0.00	98.93 6.65 0.00	119.08 7.56 0.00	107.35 6.35 0.00	81.23 5.96 0.00	87.11 6.46 0.00	81.22 6.23 0.00	117.30 8.39 0.00	92.30 5.92 0.00	80.11 4.72 0.00	90.99 6.16 0.00	107.36 7.02 0.00	97.26 7.06 0.00	126.66 8.70 0.00	142.49 7.91 -49.06	109.76 10.20 -6.62	123.79 12.35 -7.95	114.46 10.00 -24.10	112.71 9.94 -21.22	114.38 8.96 -30.11	91.53 8.18 -11.68	73.98 6.70 0.00	81.88 6.64 0.00
HOLTSVILLE_IC_10 23699	85.60 7.70 0.00	90.36 7.58 0.00	99.42 7.14 0.00	119.69 8.16 0.00	107.84 6.83 0.00	81.63 6.36 0.00	87.57 6.92 0.00	81.66 6.67 0.00	117.92 9.02 0.00	92.77 6.39 0.00	80.50 5.10 0.00	91.40 6.57 0.00	107.86 7.51 0.00	97.70 7.50 0.00	127.34 9.38 0.00	143.03 8.45 -49.06	110.45 10.89 -6.62	124.64 13.20 -7.95	115.11 10.65 -24.10	113.34 10.57 -21.22	114.94 9.52 -30.11	92.03 8.68 -11.68	74.42 7.14 0.00	82.31 7.07 0.00
HOLTSVILLE_IC_2 23691	85.12 7.22 0.00	89.87 7.10 0.00	98.93 6.65 0.00	119.08 7.56 0.00	107.35 6.35 0.00	81.23 5.96 0.00	87.11 6.46 0.00	81.22 6.23 0.00	117.30 8.39 0.00	92.30 5.92 0.00	80.11 4.72 0.00	90.99 6.16 0.00	107.36 7.02 0.00	97.26 7.06 0.00	126.66 8.70 0.00	142.49 7.91 -49.06	109.76 10.20 -6.62	123.79 12.35 -7.95	114.46 10.00 -24.10	112.71 9.94 -21.22	114.38 8.96 -30.11	91.53 8.18 -11.68	73.98 6.70 0.00	81.88 6.64 0.00
HOLTSVILLE_IC_3 23692	85.12 7.22 0.00	89.87 7.10 0.00	98.93 6.65 0.00	119.08 7.56 0.00	107.35 6.35 0.00	81.23 5.96 0.00	87.11 6.46 0.00	81.22 6.23 0.00	117.30 8.39 0.00	92.30 5.92 0.00	80.11 4.72 0.00	90.99 6.16 0.00	107.36 7.02 0.00	97.26 7.06 0.00	126.66 8.70 0.00	142.49 7.91 -49.06	109.76 10.20 -6.62	123.79 12.35 -7.95	114.46 10.00 -24.10	112.71 9.94 -21.22	114.38 8.96 -30.11	91.53 8.18 -11.68	73.98 6.70 0.00	81.88 6.64 0.00
HOLTSVILLE_IC_4 23693	85.12 7.22 0.00	89.87 7.10 0.00	98.93 6.65 0.00	119.08 7.56 0.00	107.35 6.35 0.00	81.23 5.96 0.00	87.11 6.46 0.00	81.22 6.23 0.00	117.30 8.39 0.00	92.30 5.92 0.00	80.11 4.72 0.00	90.99 6.16 0.00	107.36 7.02 0.00	97.26 7.06 0.00	126.66 8.70 0.00	142.49 7.91 -49.06	109.76 10.20 -6.62	123.79 12.35 -7.95	114.46 10.00 -24.10	112.71 9.94 -21.22	114.38 8.96 -30.11	91.53 8.18 -11.68	73.98 6.70 0.00	81.88 6.64 0.00
HOLTSVILLE_IC_5 23694	85.12 7.22 0.00	89.87 7.10 0.00	98.93 6.65 0.00	119.08 7.56 0.00	107.35 6.35 0.00	81.23 5.96 0.00	87.11 6.46 0.00	81.22 6.23 0.00	117.30 8.39 0.00	92.30 5.92 0.00	80.11 4.72 0.00	90.99 6.16 0.00	107.36 7.02 0.00	97.26 7.06 0.00	126.66 8.70 0.00	142.49 7.91 -49.06	109.76 10.20 -6.62	123.79 12.35 -7.95	114.46 10.00 -24.10	112.71 9.94 -21.22	114.38 8.96 -30.11	91.53 8.18 -11.68	73.98 6.70 0.00	81.88 6.64 0.00
HOLTSVILLE_IC_6 23695	85.60 7.70 0.00	90.36 7.58 0.00	99.42 7.14 0.00	119.69 8.16 0.00	107.84 6.83 0.00	81.63 6.36 0.00	87.57 6.92 0.00	81.66 6.67 0.00	117.92 9.02 0.00	92.77 6.39 0.00	80.50 5.10 0.00	91.40 6.57 0.00	107.86 7.51 0.00	97.70 7.50 0.00	127.34 9.38 0.00	143.03 8.45 -49.06	110.45 10.89 -6.62	124.64 13.20 -7.95	115.11 10.65 -24.10	113.34 10.57 -21.22	114.94 9.52 -30.11	92.03 8.68 -11.68	74.42 7.14 0.00	82.31 7.07 0.00
HOLTSVILLE_IC_7 23696	85.60 7.70 0.00	90.36 7.58 0.00	99.42 7.14 0.00	119.69 8.16 0.00	107.84 6.83 0.00	81.63 6.36 0.00	87.57 6.92 0.00	81.66 6.67 0.00	117.92 9.02 0.00	92.77 6.39 0.00	80.50 5.10 0.00	91.40 6.57 0.00	107.86 7.51 0.00	97.70 7.50 0.00	127.34 9.38 0.00	143.03 8.45 -49.06	110.45 10.89 -6.62	124.64 13.20 -7.95	115.11 10.65 -24.10	113.34 10.57 -21.22	114.94 9.52 -30.11	92.03 8.68 -11.68	74.42 7.14 0.00	82.31 7.07 0.00
HOLTSVILLE_IC_8 23697	85.60 7.70 0.00	90.36 7.58 0.00	99.42 7.14 0.00	119.69 8.16 0.00	107.84 6.83 0.00	81.63 6.36 0.00	87.57 6.92 0.00	81.66 6.67 0.00	117.92 9.02 0.00	92.77 6.39 0.00	80.50 5.10 0.00	91.40 6.57 0.00	107.86 7.51 0.00	97.70 7.50 0.00	127.34 9.38 0.00	143.03 8.45 -49.06	110.45 10.89 -6.62	124.64 13.20 -7.95	115.11 10.65 -24.10	113.34 10.57 -21.22	114.94 9.52 -30.11	92.03 8.68 -11.68	74.42 7.14 0.00	82.31 7.07 0.00
HOLTSVILLE_IC_9 23698	85.60 7.70 0.00	90.36 7.58 0.00	99.42 7.14 0.00	119.69 8.16 0.00	107.84 6.83 0.00	81.63 6.36 0.00	87.57 6.92 0.00	81.66 6.67 0.00	117.92 9.02 0.00	92.77 6.39 0.00	80.50 5.10 0.00	91.40 6.57 0.00	107.86 7.51 0.00	97.70 7.50 0.00	127.34 9.38 0.00	143.03 8.45 -49.06	110.45 10.89 -6.62	124.64 13.20 -7.95	115.11 10.65 -24.10	113.34 10.57 -21.22	114.94 9.52 -30.11	92.03 8.68 -11.68	74.42 7.14 0.00	82.31 7.07 0.00
HOMER_HL_115KV_TB2 355744	76.01 -1.89 0.00	81.01 -1.76 0.00	89.97 -2.31 0.00	108.84 -2.68 0.00	98.82 -2.19 0.00	73.93 -1.34 0.00	77.31 -3.33 0.00	70.54 -4.45 0.00	101.91 -7.00 0.00	81.33 -5.05 0.00	71.74 -3.66 0.00	80.85 -3.98 0.00	95.69 -4.65 0.00	85.91 -4.29 0.00	111.79 -6.17 0.00	81.67 -3.86 0.00	89.55 -3.40 0.00	98.61 -4.88 0.00	75.69 -4.67 0.00	76.46 -5.01 0.08	69.76 -4.73 0.82	65.80 -4.51 1.36	63.79 -3.50 0.00	71.66 -3.58 0.00
HOWARD_WT_PWR 323690	75.77 -2.18 -0.04	80.49 -2.28 0.00	89.14 -3.14 0.00	107.69 -3.83 0.00	98.17 -2.83 0.00	73.65 -1.62 0.00	77.85 -2.79 0.00	72.10 -2.89 0.00	104.58 -4.33 0.00	83.29 -3.09 0.00	72.41 -2.99 0.00	80.92 -3.91 0.00	95.83 -4.51 0.00	86.45 -3.76 0.00	113.42 -4.54 0.00	82.59 -2.94 0.00	90.72 -2.22 0.00	100.76 -2.73 0.00	76.96 -3.40 0.00	78.82 -4.39 -1.66	86.71 -4.30 -15.71	91.83 -5.31 -25.47	61.74 -5.54 0.00	69.23 -6.01 0.00

HQ_GEN_CEDARS 23644	77.93 0.03 0.00	83.19 0.43 0.00	93.64 1.35 0.00	113.13 1.61 0.00	102.34 1.33 0.00	75.67 0.40 0.00	81.27 0.63 0.00	75.53 0.54 0.00	109.97 1.06 0.00	87.44 1.06 0.00	76.14 0.75 0.00	85.48 0.64 0.00	101.27 0.93 0.00	91.15 0.95 0.00	119.37 1.42 0.00	86.12 0.59 0.00	92.54 -0.41 0.00	102.78 -0.71 0.00	79.75 -0.60 0.00	80.96 -0.59 0.00	74.81 -0.50 0.00	71.54 -0.13 0.00	67.93 0.65 0.00	76.49 1.25 0.00
HQ_GEN_CEDARS_PROXY 323590	77.93 0.03 0.00	83.20 0.43 0.00	93.63 1.35 0.00	113.13 1.61 0.00	102.34 1.33 0.00	75.67 0.40 0.00	81.27 0.63 0.00	75.53 0.53 0.00	109.97 1.07 0.00	87.44 1.07 0.00	76.14 0.75 0.00	85.48 0.65 0.00	101.27 0.93 0.00	91.15 0.95 0.00	119.38 1.42 0.00	86.12 0.59 0.00	92.54 -0.41 0.00	102.78 -0.71 0.00	79.75 -0.60 0.00	80.96 -0.59 0.00	74.80 -0.51 0.00	71.22 -0.13 0.33	69.49 0.65 -1.55	76.49 1.25 0.00
HQ_GEN_IMPORT 323601	77.34 -0.56 0.00	82.44 -0.33 0.00	92.64 0.35 0.00	112.01 0.50 0.00	101.39 0.39 0.00	75.12 -0.15 0.00	80.81 0.17 0.00	75.24 0.25 0.00	109.50 0.59 0.00	87.01 0.63 0.00	75.82 0.42 0.00	85.22 0.39 0.00	100.92 0.57 0.00	90.67 0.47 0.00	117.73 0.69 0.92	82.82 0.14 2.84	92.23 -0.72 0.00	102.33 -1.16 0.00	80.43 -0.93 -1.01	80.69 -0.87 0.00	74.57 -0.74 0.00	69.14 -0.46 2.08	70.02 0.09 -2.65	75.68 0.43 0.00
HQ_GEN_WHEEL 23651	77.34 -0.56 0.00	82.44 -0.33 0.00	92.64 0.35 0.00	112.01 0.50 0.00	101.39 0.39 0.00	75.12 -0.15 0.00	80.81 0.17 0.00	75.24 0.25 0.00	109.50 0.59 0.00	87.01 0.63 0.00	75.82 0.42 0.00	85.22 0.39 0.00	100.92 0.57 0.00	90.67 0.47 0.00	117.73 0.69 0.92	82.82 0.14 2.84	92.23 -0.72 0.00	102.33 -1.16 0.00	80.43 -0.93 -1.01	80.69 -0.87 0.00	74.57 -0.74 0.00	69.14 -0.46 2.08	70.02 0.09 -2.65	75.68 0.43 0.00
HUDSON AVE_GT_3 23810	83.45 5.55 0.00	87.94 5.17 0.00	97.10 4.82 0.00	116.89 5.37 0.00	105.90 4.89 0.00	79.45 4.18 0.00	85.35 4.71 0.00	79.50 4.51 0.00	115.17 6.26 0.00	90.98 4.60 0.00	79.60 4.20 0.00	89.61 4.78 0.00	105.76 5.41 0.00	95.31 5.10 0.00	124.41 6.45 0.00	91.21 5.69 0.00	100.29 7.35 0.00	112.56 9.07 0.00	87.55 7.19 0.00	88.68 7.13 0.00	81.86 6.56 0.00	77.54 5.87 0.00	71.92 4.64 0.00	79.71 4.47 0.00
HUDSON AVE_GT_4 23540	83.45 5.55 0.00	87.94 5.17 0.00	97.10 4.82 0.00	116.89 5.37 0.00	105.90 4.89 0.00	79.45 4.18 0.00	85.35 4.71 0.00	79.50 4.51 0.00	115.17 6.26 0.00	90.98 4.60 0.00	79.60 4.20 0.00	89.61 4.78 0.00	105.76 5.41 0.00	95.31 5.10 0.00	124.41 6.45 0.00	91.21 5.69 0.00	100.29 7.35 0.00	112.56 9.07 0.00	87.55 7.19 0.00	88.68 7.13 0.00	81.86 6.56 0.00	77.54 5.87 0.00	71.92 4.64 0.00	79.71 4.47 0.00
HUDSON AVE_GT_5 23657	83.45 5.55 0.00	87.94 5.17 0.00	97.10 4.82 0.00	116.89 5.37 0.00	105.90 4.89 0.00	79.45 4.18 0.00	85.35 4.71 0.00	79.50 4.51 0.00	115.17 6.26 0.00	90.98 4.60 0.00	79.60 4.20 0.00	89.61 4.78 0.00	105.76 5.41 0.00	95.31 5.10 0.00	124.41 6.45 0.00	91.21 5.69 0.00	100.29 7.35 0.00	112.56 9.07 0.00	87.55 7.19 0.00	88.68 7.13 0.00	81.86 6.56 0.00	77.54 5.87 0.00	71.92 4.64 0.00	79.71 4.47 0.00
HUDSON_AVE_10 24168	83.23 5.32 0.00	87.69 4.92 0.00	96.87 4.59 0.00	116.61 5.09 0.00	105.63 4.63 0.00	79.19 3.93 0.00	85.08 4.43 0.00	79.28 4.29 0.00	114.85 5.95 0.00	90.74 4.36 0.00	79.46 4.07 0.00	89.29 4.46 0.00	105.38 5.04 0.00	94.95 4.75 0.00	123.96 6.00 0.00	90.88 5.35 0.00	99.94 7.00 0.00	112.20 8.71 0.00	87.24 6.89 0.00	88.38 6.83 0.00	81.58 6.27 0.00	77.30 5.63 0.00	71.72 4.43 0.00	79.49 4.25 0.00
HUDSON___115KV_TB 4 355613	83.01 5.11 0.00	87.92 5.15 0.00	97.45 5.17 0.00	117.72 6.20 0.00	106.62 5.61 0.00	79.62 4.35 0.00	85.01 4.36 0.00	79.12 4.13 0.00	114.92 6.01 0.00	90.72 4.34 0.00	78.94 3.55 0.00	88.71 3.88 0.00	104.05 3.70 0.00	93.44 3.24 0.00	123.46 5.51 0.00	90.20 4.68 0.00	98.56 5.62 0.00	109.68 6.18 0.00	84.90 4.55 0.00	86.20 4.65 0.00	79.60 4.29 0.00	75.63 3.96 0.00	70.63 3.35 0.00	79.16 3.92 0.00
HUNTER MOUNT___DRP 323613	83.54 5.64 0.00	88.55 5.78 0.00	98.16 5.88 0.00	118.61 7.09 0.00	107.43 6.43 0.00	80.27 5.01 0.00	85.73 5.08 0.00	79.86 4.87 0.00	115.99 7.08 0.00	91.57 5.19 0.00	79.58 4.19 0.00	89.35 4.52 0.00	104.82 4.48 0.00	94.14 3.94 0.00	124.57 6.61 0.00	91.00 5.47 0.00	99.47 6.52 0.00	110.69 7.20 0.00	85.67 5.31 0.00	86.94 5.38 0.00	80.24 4.93 0.00	76.20 4.53 0.00	71.18 3.89 0.00	79.69 4.44 0.00
HUNTINGTON_RES_REC 323705	85.02 7.12 0.00	89.82 7.05 0.00	98.87 6.58 0.00	118.94 7.42 0.00	107.33 6.32 0.00	81.07 5.81 0.00	86.93 6.29 0.00	81.11 6.12 0.00	117.16 8.26 0.00	92.27 5.89 0.00	80.17 4.77 0.00	90.99 6.16 0.00	107.36 7.02 0.00	97.22 7.02 0.00	126.43 8.47 0.00	142.38 7.79 -49.06	109.58 10.02 -6.62	123.57 12.13 -7.95	114.38 9.92 -24.10	112.60 9.83 -21.22	114.24 8.82 -30.11	91.44 8.09 -11.68	73.91 6.62 0.00	81.78 6.53 0.00
HUNTLEY___63 23557	72.91 -4.99 0.00	77.78 -4.99 0.00	86.23 -6.05 0.00	103.89 -7.63 0.00	94.40 -6.61 0.00	70.52 -4.75 0.00	73.45 -7.19 0.00	66.92 -8.07 0.00	96.63 -12.28 0.00	77.37 -9.01 0.00	67.49 -7.90 0.00	75.22 -9.61 0.00	88.50 -11.84 0.00	79.60 -10.60 0.00	103.37 -14.59 0.00	75.78 -9.74 0.00	83.41 -9.53 0.00	92.71 -10.78 0.00	71.57 -8.78 0.00	71.93 -9.21 0.42	63.03 -8.25 4.03	57.29 -7.81 6.57	60.48 -6.81 0.00	68.35 -6.89 0.00
HUNTLEY___64 23558	72.91 -4.99 0.00	77.78 -4.99 0.00	86.23 -6.05 0.00	103.89 -7.63 0.00	94.40 -6.61 0.00	70.52 -4.75 0.00	73.45 -7.19 0.00	66.92 -8.07 0.00	96.63 -12.28 0.00	77.37 -9.01 0.00	67.49 -7.90 0.00	75.22 -9.61 0.00	88.50 -11.84 0.00	79.60 -10.60 0.00	103.37 -14.59 0.00	75.78 -9.74 0.00	83.41 -9.53 0.00	92.71 -10.78 0.00	71.57 -8.78 0.00	71.93 -9.21 0.42	63.03 -8.25 4.03	57.29 -7.81 6.57	60.48 -6.81 0.00	68.35 -6.89 0.00
HUNTLEY___65 23559	72.91 -4.99 0.00	77.78 -4.99 0.00	86.23 -6.05 0.00	103.89 -7.63 0.00	94.40 -6.61 0.00	70.52 -4.75 0.00	73.45 -7.19 0.00	66.92 -8.07 0.00	96.63 -12.28 0.00	77.37 -9.01 0.00	67.49 -7.90 0.00	75.22 -9.61 0.00	88.50 -11.84 0.00	79.60 -10.60 0.00	103.37 -14.59 0.00	75.78 -9.74 0.00	83.41 -9.53 0.00	92.71 -10.78 0.00	71.57 -8.78 0.00	71.93 -9.21 0.42	63.03 -8.25 4.03	57.29 -7.81 6.57	60.48 -6.81 0.00	68.35 -6.89 0.00
HUNTLEY___66 23560	72.91 -4.99 0.00	77.78 -4.99 0.00	86.23 -6.05 0.00	103.89 -7.63 0.00	94.40 -6.61 0.00	70.52 -4.75 0.00	73.45 -7.19 0.00	66.92 -8.07 0.00	96.63 -12.28 0.00	77.37 -9.01 0.00	67.49 -7.90 0.00	75.22 -9.61 0.00	88.50 -11.84 0.00	79.60 -10.60 0.00	103.37 -14.59 0.00	75.78 -9.74 0.00	83.41 -9.53 0.00	92.71 -10.78 0.00	71.57 -8.78 0.00	71.93 -9.21 0.42	63.03 -8.25 4.03	57.29 -7.81 6.57	60.48 -6.81 0.00	68.35 -6.89 0.00

HUNTLEY___67 23561	72.59 -5.31 0.00	77.48 -5.29 0.00	85.96 -6.32 0.00	103.62 -7.89 0.00	94.11 -6.89 0.00	70.30 -4.97 0.00	73.30 -7.34 0.00	66.74 -8.25 0.00	96.38 -12.53 0.00	77.15 -9.23 0.00	67.31 -8.09 0.00	75.08 -9.75 0.00	88.40 -11.94 0.00	79.47 -10.73 0.00	103.22 -14.74 0.00	75.61 -9.92 0.00	83.15 -9.79 0.00	92.32 -11.17 0.00	71.25 -9.11 0.00	71.49 -9.57 0.50	61.96 -8.63 4.71	55.69 -8.29 7.69	60.21 -7.07 0.00	68.01 -7.23 0.00
HUNTLEY___68 23562	72.59 -5.31 0.00	77.48 -5.29 0.00	85.96 -6.32 0.00	103.62 -7.89 0.00	94.11 -6.89 0.00	70.30 -4.97 0.00	73.30 -7.34 0.00	66.74 -8.25 0.00	96.38 -12.53 0.00	77.15 -9.23 0.00	67.31 -8.09 0.00	75.08 -9.75 0.00	88.40 -11.94 0.00	79.47 -10.73 0.00	103.22 -14.74 0.00	75.61 -9.92 0.00	83.15 -9.79 0.00	92.32 -11.17 0.00	71.25 -9.11 0.00	71.49 -9.57 0.50	61.96 -8.63 4.71	55.69 -8.29 7.69	60.21 -7.07 0.00	68.01 -7.23 0.00
HYLAND___LFGE 323620	78.82 0.92 0.00	83.79 1.03 0.00	92.83 0.55 0.00	112.15 0.63 0.00	101.79 0.78 0.00	76.21 0.94 0.00	80.58 -0.06 0.00	74.36 -0.63 0.00	107.85 -1.06 0.00	86.08 -0.30 0.00	74.50 -0.89 0.00	83.24 -1.59 0.00	98.34 -2.00 0.00	88.50 -1.71 0.00	114.93 -3.03 0.00	83.32 -2.21 0.00	92.03 -0.91 0.00	104.50 1.01 0.00	80.69 0.33 0.00	83.09 -0.23 -1.77	91.61 -0.45 -16.76	97.72 -1.10 -27.14	66.09 -1.19 0.00	74.03 -1.21 0.00
INDECK___CORINTH 23802	82.91 5.01 0.00	87.96 5.19 0.00	97.41 5.12 0.00	117.85 6.33 0.00	106.70 5.69 0.00	79.91 4.65 0.00	85.70 5.06 0.00	79.92 4.92 0.00	116.03 7.12 0.00	91.82 5.44 0.00	80.08 4.68 0.00	89.84 5.01 0.00	106.03 5.69 0.00	95.12 4.92 0.00	124.53 6.57 0.00	90.80 5.28 0.00	99.77 6.83 0.00	111.93 8.43 0.00	86.96 6.61 0.00	88.00 6.44 0.00	81.11 5.80 0.00	76.86 5.18 0.00	71.67 4.39 0.00	79.60 4.36 0.00
INDECK___ILION 23567	79.35 1.45 0.00	84.12 1.35 0.00	93.34 1.06 0.00	112.80 1.28 0.00	102.14 1.13 0.00	76.47 1.20 0.00	81.95 1.31 0.00	76.29 1.30 0.00	110.72 1.81 0.00	87.70 1.32 0.00	76.39 1.00 0.00	85.83 1.01 0.00	101.38 1.04 0.00	90.95 0.74 0.00	119.16 1.20 0.00	86.87 1.34 0.00	95.26 2.31 0.00	106.31 2.81 0.00	82.55 2.19 0.00	83.72 2.17 0.00	77.25 1.95 0.00	73.34 1.66 0.00	68.44 1.15 0.00	76.25 1.01 0.00
INDECK___OLEAN 23982	75.78 -1.90 0.22	81.02 -1.75 0.00	89.97 -2.31 0.00	108.84 -2.68 0.00	98.82 -2.19 0.00	73.93 -1.34 0.00	77.31 -3.34 0.00	70.53 -4.46 0.00	101.92 -6.99 0.00	81.33 -5.05 0.00	71.74 -3.66 0.00	80.84 -3.99 0.00	95.70 -4.65 0.00	85.91 -4.29 0.00	111.79 -6.17 0.00	81.68 -3.84 0.00	89.56 -3.38 0.00	98.62 -4.87 0.00	75.72 -4.64 0.00	76.51 -4.96 0.08	69.94 -4.55 0.82	66.07 -4.24 1.36	63.70 -3.58 0.00	71.67 -3.57 0.00
INDECK___OSWEGO 23783	75.23 -2.67 0.00	79.91 -2.86 0.00	88.84 -3.44 0.00	107.35 -4.17 0.00	97.27 -3.73 0.00	72.64 -2.63 0.00	77.56 -3.09 0.00	72.08 -2.91 0.00	104.64 -4.27 0.00	83.08 -3.30 0.00	72.56 -2.84 0.00	81.50 -3.33 0.00	96.32 -4.03 0.00	86.61 -3.59 0.00	113.25 -4.71 0.00	82.28 -3.25 0.00	89.84 -3.10 0.00	100.25 -3.24 0.00	77.78 -2.58 0.00	78.83 -2.73 0.00	72.70 -2.61 0.00	69.05 -2.63 0.00	64.61 -2.67 0.00	72.20 -3.04 0.00
INDECK___YERKES 23781	72.84 -4.92 0.14	77.84 -4.93 0.00	86.29 -5.99 0.00	103.94 -7.58 0.00	94.47 -6.53 0.00	70.57 -4.70 0.00	73.53 -7.11 0.00	66.97 -8.02 0.00	96.71 -12.20 0.00	77.44 -8.94 0.00	67.56 -7.84 0.00	75.25 -9.58 0.00	88.58 -11.76 0.00	79.67 -10.53 0.00	103.43 -14.53 0.00	75.83 -9.69 0.00	83.48 -9.46 0.00	92.81 -10.68 0.00	71.63 -8.73 0.00	72.01 -9.12 0.42	63.15 -8.13 4.03	57.41 -7.70 6.57	60.42 -6.86 0.00	68.40 -6.84 0.00
INDIAN POINT_GT_1 24139	82.69 4.79 0.00	87.20 4.43 0.00	96.37 4.09 0.00	116.12 4.60 0.00	105.19 4.19 0.00	78.88 3.61 0.00	84.69 4.05 0.00	78.82 3.83 0.00	114.17 5.26 0.00	90.16 3.78 0.00	78.79 3.39 0.00	88.79 3.96 0.00	104.82 4.48 0.00	94.43 4.24 0.00	123.31 5.35 0.00	90.29 4.77 0.00	99.22 6.28 0.00	111.41 7.91 0.00	86.61 6.25 0.00	87.78 6.22 0.00	81.02 5.71 0.00	76.78 5.11 0.00	71.24 3.95 0.00	79.02 3.78 0.00
INDIAN POINT_GT_2 23659	82.69 4.79 0.00	87.20 4.43 0.00	96.37 4.09 0.00	116.12 4.60 0.00	105.19 4.19 0.00	78.88 3.61 0.00	84.69 4.05 0.00	78.82 3.83 0.00	114.17 5.26 0.00	90.16 3.78 0.00	78.79 3.39 0.00	88.79 3.96 0.00	104.82 4.48 0.00	94.43 4.24 0.00	123.31 5.35 0.00	90.29 4.77 0.00	99.22 6.28 0.00	111.41 7.91 0.00	86.61 6.25 0.00	87.78 6.22 0.00	81.02 5.71 0.00	76.78 5.11 0.00	71.24 3.95 0.00	79.02 3.78 0.00
INDIAN POINT_GT_3 24019	82.69 4.79 0.00	87.20 4.43 0.00	96.37 4.09 0.00	116.12 4.60 0.00	105.19 4.19 0.00	78.88 3.61 0.00	84.69 4.05 0.00	78.82 3.83 0.00	114.17 5.26 0.00	90.16 3.78 0.00	78.79 3.39 0.00	88.79 3.96 0.00	104.82 4.48 0.00	94.43 4.24 0.00	123.31 5.35 0.00	90.29 4.77 0.00	99.22 6.28 0.00	111.41 7.91 0.00	86.61 6.25 0.00	87.78 6.22 0.00	81.02 5.71 0.00	76.78 5.11 0.00	71.24 3.95 0.00	79.02 3.78 0.00
INDIAN POINT___2 23530	82.46 4.56 0.00	86.99 4.22 0.00	96.13 3.85 0.00	115.85 4.33 0.00	104.95 3.95 0.00	78.70 3.43 0.00	84.51 3.87 0.00	78.62 3.63 0.00	113.88 4.97 0.00	89.94 3.56 0.00	78.57 3.17 0.00	88.60 3.77 0.00	104.53 4.19 0.00	94.19 3.99 0.00	122.97 5.01 0.00	90.05 4.53 0.00	98.97 6.03 0.00	111.10 7.61 0.00	86.40 6.04 0.00	87.54 5.98 0.00	80.81 5.50 0.00	76.58 4.91 0.00	71.06 3.78 0.00	78.82 3.58 0.00
INDIAN POINT___3 23531	82.53 4.63 0.00	87.04 4.27 0.00	96.20 3.91 0.00	115.94 4.42 0.00	105.01 4.01 0.00	78.74 3.47 0.00	84.56 3.91 0.00	78.68 3.69 0.00	113.95 5.05 0.00	90.00 3.62 0.00	78.64 3.24 0.00	88.64 3.81 0.00	104.63 4.29 0.00	94.26 4.06 0.00	123.07 5.11 0.00	90.12 4.59 0.00	99.02 6.07 0.00	111.16 7.66 0.00	86.43 6.08 0.00	87.58 6.03 0.00	80.84 5.52 0.00	76.63 4.95 0.00	71.09 3.80 0.00	78.87 3.63 0.00
INGHAM_C_115KV_TB7 356103	80.31 2.40 0.00	85.00 2.23 0.00	93.97 1.68 0.00	113.49 1.97 0.00	102.71 1.71 0.00	77.27 2.01 0.00	82.89 2.24 0.00	77.33 2.34 0.00	112.09 3.18 0.00	88.64 2.26 0.00	76.93 1.53 0.00	86.18 1.35 0.00	101.58 1.24 0.00	90.86 0.65 0.00	119.47 1.51 0.00	87.64 2.12 0.00	97.05 4.10 0.00	108.46 4.97 0.00	84.22 3.87 0.00	85.41 3.86 0.00	78.77 3.46 0.00	74.64 2.97 0.00	69.33 2.04 0.00	76.97 1.73 0.00
IP CORINTH___1 23988	82.91 5.01 0.00	87.95 5.19 0.00	97.41 5.13 0.00	117.86 6.34 0.00	106.70 5.69 0.00	79.91 4.64 0.00	85.70 5.05 0.00	79.92 4.92 0.00	116.03 7.12 0.00	91.82 5.44 0.00	80.07 4.68 0.00	89.84 5.01 0.00	106.03 5.69 0.00	95.13 4.93 0.00	124.53 6.57 0.00	90.80 5.28 0.00	99.77 6.83 0.00	111.93 8.43 0.00	86.96 6.61 0.00	88.00 6.44 0.00	81.10 5.79 0.00	76.85 5.17 0.00	71.67 4.38 0.00	79.60 4.36 0.00

IP___TICONDEROGA 23804	85.41 7.50 0.00	90.79 8.02 0.00	100.21 7.93 0.00	121.76 10.23 0.00	110.05 9.05 0.00	82.68 7.41 0.00	89.03 8.38 0.00	83.13 8.14 0.00	120.61 11.70 0.00	95.00 8.62 0.00	82.63 7.23 0.00	92.94 8.11 0.00	109.14 8.79 0.00	97.99 7.79 0.00	127.92 9.96 0.00	93.76 8.24 0.00	103.03 10.09 0.00	116.87 13.38 0.00	90.95 10.59 0.00	91.59 10.03 0.00	84.34 9.03 0.00	79.69 8.02 0.00	74.26 6.97 0.00	82.14 6.89 0.00
ISLIP_RES_REC 323679	85.88 7.98 0.00	90.67 7.90 0.00	99.76 7.48 0.00	120.08 8.55 0.00	108.20 7.20 0.00	81.91 6.65 0.00	87.88 7.23 0.00	81.98 6.99 0.00	118.32 9.41 0.00	93.05 6.67 0.00	80.73 5.33 0.00	91.66 6.83 0.00	108.14 7.79 0.00	97.98 7.78 0.00	127.70 9.74 0.00	143.37 8.79 -49.06	110.88 11.32 -6.62	125.18 13.74 -7.95	115.52 11.06 -24.10	113.75 10.98 -21.22	115.29 9.88 -30.11	92.34 8.98 -11.68	74.70 7.42 0.00	82.61 7.36 0.00
JAMAICA__27_KV_LOAD 355505	83.80 5.90 0.00	88.22 5.46 0.00	97.57 5.29 0.00	117.42 5.89 0.00	106.30 5.30 0.00	79.61 4.34 0.00	85.53 4.89 0.00	79.73 4.74 0.00	115.56 6.66 0.00	91.26 4.88 0.00	80.25 4.85 0.00	89.59 4.76 0.00	105.73 5.39 0.00	95.22 5.02 0.00	124.38 6.42 0.00	91.19 5.66 0.00	100.39 7.45 0.00	112.73 9.23 0.00	87.66 7.30 0.00	88.78 7.23 0.00	82.02 6.71 0.00	77.69 6.01 0.00	72.20 4.91 0.00	79.99 4.75 0.00
JANIS___SOLAR 323808	81.31 3.40 0.00	86.19 3.42 0.00	95.87 3.59 0.00	115.98 4.46 0.00	105.35 4.35 0.00	79.12 3.85 0.00	84.55 3.90 0.00	78.69 3.70 0.00	114.47 5.56 0.00	91.01 4.63 0.00	79.41 4.02 0.00	88.93 4.10 0.00	104.26 3.92 0.00	94.21 4.01 0.00	123.45 5.49 0.00	90.06 4.53 0.00	98.86 5.92 0.00	110.62 7.13 0.00	85.77 5.41 0.00	86.77 5.22 0.00	79.63 4.32 0.00	75.34 3.66 0.00	70.09 2.80 0.00	78.11 2.87 0.00
JARVIS____ 23743	78.38 0.48 0.00	83.20 0.43 0.00	92.57 0.28 0.00	111.86 0.33 0.00	101.31 0.31 0.00	75.64 0.37 0.00	80.98 0.34 0.00	75.26 0.27 0.00	109.23 0.32 0.00	86.55 0.17 0.00	75.61 0.21 0.00	85.15 0.32 0.00	100.64 0.30 0.00	90.48 0.28 0.00	118.33 0.37 0.00	85.89 0.37 0.00	93.57 0.63 0.00	104.24 0.75 0.00	80.97 0.61 0.00	82.13 0.57 0.00	75.84 0.52 0.00	72.09 0.42 0.00	67.55 0.27 0.00	75.46 0.22 0.00
JENNISON___1 23625	80.29 2.39 0.00	85.05 2.28 0.00	95.51 3.23 0.00	115.62 4.10 0.00	104.97 3.97 0.00	79.22 3.95 0.00	84.81 4.16 0.00	78.89 3.90 0.00	114.66 5.75 0.00	91.14 4.76 0.00	79.59 4.20 0.00	89.26 4.43 0.00	105.51 5.17 0.00	95.06 4.86 0.00	124.53 6.58 0.00	90.77 5.24 0.00	99.50 6.56 0.00	111.20 7.71 0.00	86.20 5.84 0.00	87.18 5.62 0.00	79.94 4.63 0.00	75.42 3.75 0.00	69.90 2.62 0.00	77.99 2.75 0.00
JENNISON___2 23626	80.29 2.39 0.00	85.05 2.28 0.00	95.51 3.23 0.00	115.62 4.10 0.00	104.97 3.97 0.00	79.22 3.95 0.00	84.81 4.16 0.00	78.89 3.90 0.00	114.66 5.75 0.00	91.14 4.76 0.00	79.59 4.20 0.00	89.26 4.43 0.00	105.51 5.17 0.00	95.06 4.86 0.00	124.53 6.58 0.00	90.77 5.24 0.00	99.50 6.56 0.00	111.20 7.71 0.00	86.20 5.84 0.00	87.18 5.62 0.00	79.94 4.63 0.00	75.42 3.75 0.00	69.90 2.62 0.00	77.99 2.75 0.00
JERICHO_RISE_WT_PWR 323719	76.89 -1.02 0.00	82.44 -0.33 0.00	92.90 0.62 0.00	112.27 0.75 0.00	101.45 0.44 0.00	75.18 -0.09 0.00	80.91 0.27 0.00	75.34 0.35 0.00	109.95 1.04 0.00	87.57 1.19 0.00	76.34 0.94 0.00	85.80 0.97 0.00	101.58 1.24 0.00	91.52 1.32 0.00	119.94 1.98 0.00	86.71 1.18 0.00	93.35 0.41 0.00	103.69 0.20 0.00	80.45 0.09 0.00	81.61 0.06 0.00	75.34 0.03 0.00	71.85 0.18 0.00	68.02 0.74 0.00	76.48 1.24 0.00
KATONAH___115KV_46KV_TB4 355592	83.61 5.71 0.00	88.19 5.42 0.00	97.45 5.16 0.00	117.44 5.92 0.00	106.41 5.41 0.00	79.80 4.53 0.00	85.65 5.00 0.00	79.75 4.76 0.00	115.59 6.68 0.00	91.31 4.93 0.00	79.74 4.34 0.00	89.85 5.02 0.00	106.03 5.69 0.00	95.52 5.31 0.00	124.72 6.76 0.00	91.30 5.77 0.00	100.35 7.41 0.00	112.66 9.16 0.00	87.59 7.24 0.00	88.75 7.20 0.00	81.93 6.62 0.00	77.61 5.94 0.00	72.00 4.71 0.00	79.84 4.60 0.00
KCE_NY_1 323755	82.50 4.60 0.00	87.57 4.80 0.00	97.20 4.91 0.00	117.35 5.83 0.00	106.20 5.20 0.00	79.47 4.20 0.00	85.13 4.48 0.00	79.30 4.31 0.00	115.02 6.11 0.00	91.04 4.66 0.00	79.37 3.98 0.00	89.15 4.32 0.00	105.45 5.10 0.00	94.64 4.43 0.00	123.92 5.96 0.00	90.25 4.72 0.00	98.95 6.01 0.00	110.64 7.15 0.00	86.06 5.71 0.00	87.20 5.65 0.00	80.42 5.11 0.00	76.26 4.58 0.00	71.18 3.90 0.00	79.13 3.89 0.00
KCE_NY_6_ESR 323823	73.67 -4.07 0.16	78.73 -4.04 0.00	87.34 -4.94 0.00	105.43 -6.09 0.00	95.88 -5.13 0.00	71.59 -3.68 0.00	74.75 -5.90 0.00	68.10 -6.89 0.00	98.39 -10.52 0.00	78.72 -7.66 0.00	68.68 -6.72 0.00	76.67 -8.16 0.00	90.33 -10.01 0.00	81.25 -8.95 0.00	105.67 -12.29 0.00	77.29 -8.23 0.00	85.09 -7.85 0.00	94.36 -9.14 0.00	72.84 -7.52 0.00	72.98 -8.06 0.51	63.21 -7.25 4.86	56.77 -6.99 7.91	61.18 -6.11 0.00	69.10 -6.14 0.00
KEDC_PORT_JEFF_GT2 24210	85.49 7.59 0.00	90.26 7.49 0.00	99.32 7.04 0.00	119.55 8.03 0.00	107.74 6.74 0.00	81.54 6.28 0.00	87.46 6.82 0.00	81.58 6.59 0.00	117.82 8.91 0.00	92.69 6.31 0.00	80.44 5.05 0.00	91.34 6.52 0.00	107.78 7.44 0.00	97.66 7.46 0.00	127.23 9.27 0.00	142.95 8.36 -49.06	110.35 10.79 -6.62	124.58 13.14 -7.95	115.10 10.64 -24.10	113.31 10.54 -21.22	114.91 9.49 -30.11	92.00 8.65 -11.68	74.38 7.10 0.00	82.28 7.04 0.00
KEDC_PORT_JEFF_GT3 24211	85.49 7.59 0.00	90.26 7.49 0.00	99.32 7.04 0.00	119.55 8.03 0.00	107.74 6.74 0.00	81.54 6.28 0.00	87.46 6.82 0.00	81.58 6.59 0.00	117.82 8.91 0.00	92.69 6.31 0.00	80.44 5.05 0.00	91.34 6.52 0.00	107.78 7.44 0.00	97.66 7.46 0.00	127.23 9.27 0.00	142.95 8.36 -49.06	110.35 10.79 -6.62	124.58 13.14 -7.95	115.10 10.64 -24.10	113.31 10.54 -21.22	114.91 9.49 -30.11	92.00 8.65 -11.68	74.38 7.10 0.00	82.28 7.04 0.00
KEDC_GLWD_GT4 24219	84.01 6.11 0.00	88.69 5.92 0.00	97.86 5.58 0.00	117.80 6.28 0.00	106.63 5.63 0.00	80.16 4.89 0.00	86.00 5.36 0.00	80.11 5.11 0.00	115.93 7.02 0.00	91.53 5.15 0.00	79.84 4.44 0.00	90.32 5.49 0.00	106.60 6.25 0.00	96.21 6.01 0.00	125.34 7.38 0.00	141.11 6.53 -49.06	107.84 8.28 -6.62	120.82 9.38 -7.95	111.99 7.53 -24.10	110.49 7.72 -21.22	112.73 7.31 -30.11	89.97 6.62 -11.68	72.57 5.28 0.00	80.41 5.16 0.00
KEDC_GLWD_GT5 24220	84.01 6.11 0.00	88.69 5.92 0.00	97.86 5.58 0.00	117.80 6.28 0.00	106.63 5.63 0.00	80.16 4.89 0.00	86.00 5.36 0.00	80.11 5.11 0.00	115.93 7.02 0.00	91.53 5.15 0.00	79.84 4.44 0.00	90.32 5.49 0.00	106.60 6.25 0.00	96.21 6.01 0.00	125.34 7.38 0.00	141.11 6.53 -49.06	107.84 8.28 -6.62	120.82 9.38 -7.95	111.99 7.53 -24.10	110.49 7.72 -21.22	112.73 7.31 -30.11	89.97 6.62 -11.68	72.57 5.28 0.00	80.41 5.16 0.00

KENSICO____ 23655	83.00 5.10 0.00	87.53 4.76 0.00	96.72 4.44 0.00	116.54 5.02 0.00	105.56 4.56 0.00	79.17 3.91 0.00	84.99 4.34 0.00	79.13 4.14 0.00	114.61 5.70 0.00	90.52 4.14 0.00	79.09 3.70 0.00	89.15 4.32 0.00	105.24 4.89 0.00	94.83 4.63 0.00	123.80 5.84 0.00	90.65 5.13 0.00	99.62 6.68 0.00	111.80 8.31 0.00	86.95 6.59 0.00	88.11 6.56 0.00	81.34 6.03 0.00	77.08 5.40 0.00	71.50 4.22 0.00	79.32 4.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	84.74 6.84 0.00	89.38 6.61 0.00	98.76 6.48 0.00	119.00 7.48 0.00	107.83 6.83 0.00	80.90 5.63 0.00	86.88 6.23 0.00	80.98 5.99 0.00	117.32 8.41 0.00	92.44 6.06 0.00	80.36 4.96 0.00	90.32 5.49 0.00	106.46 6.12 0.00	96.16 5.96 0.00	126.24 8.28 0.00	92.63 7.10 0.00	102.05 9.11 0.00	114.80 11.30 0.00	89.21 8.86 0.00	90.34 8.79 0.00	83.26 7.95 0.00	78.82 7.15 0.00	73.05 5.76 0.00	80.92 5.68 0.00
KIAC_JFK_GT1 23816	82.96 5.05 0.00	87.38 4.62 0.00	96.75 4.47 0.00	116.42 4.90 0.00	105.40 4.40 0.00	78.87 3.60 0.00	84.79 4.14 0.00	78.98 3.99 0.00	114.46 5.56 0.00	90.41 4.03 0.00	79.59 4.20 0.00	88.88 4.05 0.00	104.88 4.53 0.00	94.46 4.26 0.00	123.36 5.40 0.00	90.31 4.79 0.00	99.40 6.45 0.00	111.64 8.15 0.00	86.81 6.45 0.00	87.90 6.35 0.00	81.21 5.90 0.00	76.93 5.26 0.00	71.51 4.23 0.00	79.23 3.99 0.00
KIAC_JFK_GT2 23817	82.96 5.05 0.00	87.38 4.62 0.00	96.75 4.47 0.00	116.42 4.90 0.00	105.40 4.40 0.00	78.87 3.60 0.00	84.79 4.14 0.00	78.98 3.99 0.00	114.46 5.56 0.00	90.41 4.03 0.00	79.59 4.20 0.00	88.88 4.05 0.00	104.88 4.53 0.00	94.46 4.26 0.00	123.36 5.40 0.00	90.31 4.79 0.00	99.40 6.45 0.00	111.64 8.15 0.00	86.81 6.45 0.00	87.90 6.35 0.00	81.21 5.90 0.00	76.93 5.26 0.00	71.51 4.23 0.00	79.23 3.99 0.00
KIAC_JFK____ 323774	82.96 5.06 0.00	87.38 4.61 0.00	96.75 4.47 0.00	116.42 4.90 0.00	105.40 4.39 0.00	78.87 3.60 0.00	84.78 4.14 0.00	78.98 3.99 0.00	114.46 5.56 0.00	90.41 4.03 0.00	79.60 4.20 0.00	88.88 4.05 0.00	104.88 4.53 0.00	94.46 4.26 0.00	123.36 5.40 0.00	90.30 4.78 0.00	99.40 6.45 0.00	111.64 8.15 0.00	86.81 6.45 0.00	87.90 6.35 0.00	81.20 5.89 0.00	76.94 5.26 0.00	71.51 4.23 0.00	79.23 3.99 0.00
KINTIGH____ 23543	72.60 -5.30 0.00	77.43 -5.34 0.00	85.96 -6.32 0.00	103.64 -7.87 0.00	94.05 -6.95 0.00	70.27 -5.00 0.00	73.57 -7.08 0.00	67.19 -7.81 0.00	97.12 -11.79 0.00	77.61 -8.76 0.00	67.80 -7.60 0.00	75.76 -9.07 0.00	89.26 -11.08 0.00	80.22 -9.98 0.00	104.32 -13.63 0.00	76.35 -9.17 0.00	83.83 -9.11 0.00	93.19 -10.30 0.00	71.96 -8.40 0.00	72.54 -8.75 0.26	64.88 -7.91 2.52	59.98 -7.54 4.15	60.78 -6.50 0.00	68.50 -6.74 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	78.08 0.17 0.00	83.65 0.88 0.00	94.12 1.84 0.00	113.77 2.25 0.00	102.86 1.86 0.00	76.48 1.22 0.00	82.29 1.65 0.00	76.57 1.58 0.00	111.71 2.81 0.00	88.92 2.54 0.00	77.58 2.19 0.00	87.09 2.26 0.00	102.79 2.45 0.00	92.68 2.48 0.00	121.50 3.54 0.00	88.24 2.72 0.00	95.38 2.43 0.00	106.13 2.63 0.00	82.31 1.96 0.00	83.39 1.84 0.00	76.89 1.58 0.00	73.17 1.49 0.00	69.11 1.83 0.00	77.65 2.41 0.00
LACHUTE__HYDRO 323717	85.41 7.50 0.00	90.79 8.02 0.00	100.21 7.93 0.00	121.75 10.22 0.00	110.05 9.05 0.00	82.68 7.41 0.00	89.03 8.39 0.00	83.14 8.15 0.00	120.61 11.71 0.00	95.00 8.62 0.00	82.63 7.23 0.00	92.94 8.11 0.00	109.13 8.79 0.00	97.99 7.79 0.00	127.92 9.96 0.00	93.77 8.25 0.00	103.03 10.08 0.00	116.87 13.38 0.00	90.95 10.59 0.00	91.60 10.05 0.00	84.34 9.03 0.00	79.70 8.03 0.00	74.26 6.98 0.00	82.13 6.89 0.00
LAWRNCV_115KV_TB1 80681	77.81 -0.09 0.00	83.12 0.35 0.00	93.60 1.32 0.00	113.05 1.53 0.00	102.26 1.25 0.00	75.42 0.15 0.00	80.75 0.10 0.00	74.70 -0.30 0.00	108.86 -0.05 0.00	86.56 0.18 0.00	75.32 -0.07 0.00	84.47 -0.36 0.00	100.21 -0.13 0.00	90.24 0.04 0.00	118.22 0.27 0.00	85.39 -0.14 0.00	91.48 -1.46 0.00	101.75 -1.74 0.00	79.01 -1.35 0.00	80.21 -1.34 0.00	74.04 -1.27 0.00	71.15 -0.53 0.00	67.77 0.48 0.00	76.51 1.27 0.00
LEDERLE____ 23769	82.53 4.62 0.00	87.03 4.26 0.00	96.15 3.87 0.00	115.88 4.36 0.00	104.99 3.98 0.00	78.73 3.46 0.00	84.56 3.92 0.00	78.65 3.66 0.00	113.91 5.00 0.00	89.95 3.57 0.00	78.58 3.18 0.00	88.60 3.77 0.00	104.60 4.25 0.00	94.21 4.01 0.00	123.03 5.07 0.00	90.09 4.56 0.00	99.02 6.08 0.00	111.26 7.77 0.00	86.49 6.14 0.00	87.63 6.08 0.00	80.89 5.58 0.00	76.67 4.99 0.00	71.09 3.81 0.00	78.86 3.62 0.00
LIGHTHSE_115KV_TB6 355974	76.64 -1.26 0.00	81.46 -1.31 0.00	90.72 -1.56 0.00	109.55 -1.97 0.00	99.30 -1.70 0.00	74.17 -1.10 0.00	79.15 -1.49 0.00	73.58 -1.41 0.00	106.98 -1.93 0.00	84.94 -1.44 0.00	74.17 -1.22 0.00	83.14 -1.70 0.00	98.01 -2.33 0.00	88.08 -2.12 0.00	115.51 -2.45 0.00	83.89 -1.63 0.00	91.85 -1.09 0.00	102.73 -0.76 0.00	79.75 -0.61 0.00	80.75 -0.80 0.00	74.43 -0.88 0.00	70.69 -0.98 0.00	65.97 -1.32 0.00	73.75 -1.49 0.00
LINDEN COGEN____ 23786	82.90 5.00 0.00	87.36 4.59 0.00	96.44 4.16 0.00	116.08 4.56 0.00	105.21 4.21 0.00	78.97 3.70 0.00	84.84 4.19 0.00	78.97 3.98 0.00	114.42 5.51 0.00	90.32 3.94 0.00	78.96 3.57 0.00	88.94 4.11 0.00	104.93 4.59 0.00	94.57 4.37 0.00	123.43 5.47 0.00	90.53 5.00 0.00	99.58 6.63 0.00	111.80 8.31 0.00	86.91 6.56 0.00	88.03 6.48 0.00	81.26 5.95 0.00	76.99 5.32 0.00	71.42 4.13 0.00	79.13 3.89 0.00
LINDHRST_69_KV_BK1 356055	85.30 7.40 0.00	90.10 7.33 0.00	99.26 6.98 0.00	119.33 7.81 0.00	107.80 6.79 0.00	81.38 6.11 0.00	87.29 6.64 0.00	81.38 6.39 0.00	117.52 8.61 0.00	92.60 6.22 0.00	80.47 5.08 0.00	91.34 6.51 0.00	107.77 7.43 0.00	97.51 7.32 0.00	126.87 8.92 0.00	142.59 8.00 -49.06	109.82 10.26 -6.62	123.65 12.21 -7.95	114.31 9.85 -24.10	112.59 9.82 -21.22	114.31 8.89 -30.11	91.45 8.10 -11.68	73.95 6.67 0.00	81.83 6.59 0.00
LIPA_MISC_IPP 23656	85.38 7.48 0.00	90.11 7.34 0.00	99.09 6.81 0.00	119.34 7.82 0.00	107.31 6.31 0.00	81.45 6.18 0.00	87.36 6.72 0.00	81.43 6.45 0.00	117.57 8.67 0.00	92.37 5.99 0.00	80.13 4.73 0.00	91.06 6.23 0.00	107.49 7.15 0.00	97.46 7.26 0.00	127.08 9.12 0.00	142.95 8.36 -49.06	110.48 10.92 -6.62	124.69 13.25 -7.95	115.17 10.71 -24.10	113.42 10.66 -21.22	114.99 9.57 -30.11	92.07 8.72 -11.68	74.39 7.10 0.00	82.35 7.11 0.00
LISF__SOLAR 323691	85.56 7.66 0.00	90.29 7.52 0.00	99.29 7.01 0.00	119.57 8.05 0.00	107.51 6.50 0.00	81.60 6.33 0.00	87.53 6.89 0.00	81.59 6.60 0.00	117.77 8.86 0.00	92.49 6.11 0.00	80.20 4.80 0.00	91.12 6.29 0.00	107.52 7.18 0.00	97.54 7.34 0.00	127.21 9.25 0.00	143.10 8.51 -49.06	110.69 11.13 -6.62	124.96 13.52 -7.95	115.39 10.93 -24.10	113.65 10.88 -21.22	115.21 9.79 -30.11	92.25 8.90 -11.68	74.55 7.26 0.00	82.51 7.27 0.00

LITTLE FALLS___HYD 24013	80.31 2.40 0.00	85.00 2.23 0.00	93.97 1.68 0.00	113.49 1.97 0.00	102.71 1.71 0.00	77.27 2.01 0.00	82.89 2.24 0.00	77.33 2.34 0.00	112.09 3.18 0.00	88.64 2.26 0.00	76.93 1.53 0.00	86.18 1.35 0.00	101.58 1.24 0.00	90.86 0.65 0.00	119.47 1.51 0.00	87.64 2.12 0.00	97.05 4.10 0.00	108.46 4.97 0.00	84.22 3.87 0.00	85.41 3.86 0.00	78.77 3.46 0.00	74.64 2.97 0.00	69.33 2.04 0.00	76.97 1.73 0.00
LITTLRIV_115KV_TB1 356100	78.79 0.88 0.00	84.16 1.39 0.00	94.82 2.54 0.00	114.50 2.97 0.00	103.57 2.57 0.00	76.30 1.03 0.00	81.71 1.06 0.00	75.62 0.63 0.00	110.25 1.35 0.00	87.62 1.24 0.00	76.14 0.74 0.00	85.34 0.51 0.00	100.93 0.59 0.00	90.93 0.73 0.00	119.11 1.15 0.00	86.22 0.69 0.00	92.52 -0.42 0.00	103.09 -0.41 0.00	80.03 -0.32 0.00	81.20 -0.35 0.00	74.95 -0.36 0.00	71.98 0.31 0.00	68.61 1.32 0.00	77.52 2.28 0.00
LI_NEWBRDGE___DRP 323616	83.97 6.07 0.00	88.72 5.95 0.00	97.77 5.49 0.00	117.63 6.11 0.00	106.36 5.36 0.00	80.14 4.87 0.00	85.94 5.30 0.00	80.09 5.10 0.00	115.76 6.86 0.00	91.34 4.96 0.00	79.40 4.00 0.00	90.15 5.32 0.00	106.36 6.02 0.00	96.16 5.96 0.00	125.02 7.06 0.00	141.06 6.47 -49.06	107.92 8.36 -6.62	121.47 10.02 -7.95	112.59 8.13 -24.10	110.81 8.04 -21.22	112.74 7.32 -30.11	90.02 6.67 -11.68	72.69 5.40 0.00	80.51 5.27 0.00
LOCKPORT_115KV_TB60_63_64 80432	72.29 -5.61 0.00	77.12 -5.65 0.00	85.52 -6.77 0.00	103.03 -8.49 0.00	93.59 -7.41 0.00	69.93 -5.34 0.00	72.81 -7.84 0.00	66.30 -8.69 0.00	95.74 -13.17 0.00	76.67 -9.71 0.00	66.85 -8.54 0.00	74.47 -10.35 0.00	87.57 -12.77 0.00	78.79 -11.41 0.00	102.30 -15.66 0.00	75.04 -10.49 0.00	82.63 -10.31 0.00	91.89 -11.61 0.00	70.95 -9.41 0.00	71.39 -9.80 0.36	63.11 -8.72 3.48	57.82 -8.20 5.66	60.04 -7.25 0.00	67.82 -7.42 0.00
LOCKPORT___CC1 323769	72.13 -5.64 0.13	77.11 -5.66 0.00	85.52 -6.76 0.00	103.02 -8.50 0.00	93.58 -7.43 0.00	69.91 -5.35 0.00	72.82 -7.83 0.00	66.29 -8.71 0.00	95.70 -13.21 0.00	76.62 -9.75 0.00	66.82 -8.58 0.00	74.42 -10.41 0.00	87.56 -12.78 0.00	78.77 -11.43 0.00	102.26 -15.70 0.00	75.01 -10.52 0.00	82.60 -10.34 0.00	91.82 -11.67 0.00	70.87 -9.48 0.00	71.31 -9.85 0.39	62.83 -8.73 3.75	57.40 -8.17 6.11	59.87 -7.41 0.00	67.78 -7.46 0.00
LOCKPORT___CC2 323770	72.13 -5.64 0.13	77.11 -5.66 0.00	85.52 -6.76 0.00	103.02 -8.50 0.00	93.58 -7.43 0.00	69.91 -5.35 0.00	72.82 -7.83 0.00	66.29 -8.71 0.00	95.70 -13.21 0.00	76.62 -9.75 0.00	66.82 -8.58 0.00	74.42 -10.41 0.00	87.56 -12.78 0.00	78.77 -11.43 0.00	102.26 -15.70 0.00	75.01 -10.52 0.00	82.60 -10.34 0.00	91.82 -11.67 0.00	70.87 -9.48 0.00	71.31 -9.85 0.39	62.83 -8.73 3.75	57.40 -8.17 6.11	59.87 -7.41 0.00	67.78 -7.46 0.00
LOCKPORT___CC3 323771	72.13 -5.64 0.13	77.11 -5.66 0.00	85.52 -6.76 0.00	103.02 -8.50 0.00	93.58 -7.43 0.00	69.91 -5.35 0.00	72.82 -7.83 0.00	66.29 -8.71 0.00	95.70 -13.21 0.00	76.62 -9.75 0.00	66.82 -8.58 0.00	74.42 -10.41 0.00	87.56 -12.78 0.00	78.77 -11.43 0.00	102.26 -15.70 0.00	75.01 -10.52 0.00	82.60 -10.34 0.00	91.82 -11.67 0.00	70.87 -9.48 0.00	71.31 -9.85 0.39	62.83 -8.73 3.75	57.40 -8.17 6.11	59.87 -7.41 0.00	67.78 -7.46 0.00
LONG_LAKE_PHOENIX 24014	75.63 -2.28 0.00	80.28 -2.49 0.00	89.23 -3.05 0.00	107.82 -3.70 0.00	97.69 -3.31 0.00	72.98 -2.29 0.00	77.92 -2.72 0.00	72.37 -2.62 0.00	105.06 -3.85 0.00	83.43 -2.95 0.00	72.86 -2.54 0.00	81.89 -2.94 0.00	96.83 -3.51 0.00	87.09 -3.11 0.00	113.85 -4.11 0.00	82.64 -2.89 0.00	90.32 -2.62 0.00	100.78 -2.72 0.00	78.18 -2.17 0.00	79.23 -2.32 0.00	73.06 -2.25 0.00	69.36 -2.31 0.00	64.93 -2.35 0.00	72.51 -2.73 0.00
LOVETT___3 23632	82.08 4.18 0.00	86.56 3.79 0.00	95.66 3.38 0.00	115.29 3.77 0.00	104.43 3.43 0.00	78.29 3.02 0.00	84.13 3.48 0.00	78.25 3.26 0.00	113.29 4.38 0.00	89.47 3.09 0.00	78.17 2.78 0.00	88.13 3.30 0.00	104.02 3.67 0.00	93.70 3.50 0.00	122.37 4.41 0.00	89.59 4.06 0.00	98.47 5.52 0.00	110.59 7.09 0.00	85.99 5.64 0.00	87.13 5.58 0.00	80.44 5.13 0.00	76.24 4.57 0.00	70.70 3.41 0.00	78.43 3.19 0.00
LOVETT___4 23642	82.08 4.18 0.00	86.56 3.79 0.00	95.66 3.38 0.00	115.29 3.77 0.00	104.43 3.43 0.00	78.29 3.02 0.00	84.13 3.48 0.00	78.25 3.26 0.00	113.29 4.38 0.00	89.47 3.09 0.00	78.17 2.78 0.00	88.13 3.30 0.00	104.02 3.67 0.00	93.70 3.50 0.00	122.37 4.41 0.00	89.59 4.06 0.00	98.47 5.52 0.00	110.59 7.09 0.00	85.99 5.64 0.00	87.13 5.58 0.00	80.44 5.13 0.00	76.24 4.57 0.00	70.70 3.41 0.00	78.43 3.19 0.00
LOVETT___5 23593	82.08 4.18 0.00	86.56 3.79 0.00	95.66 3.38 0.00	115.29 3.77 0.00	104.43 3.43 0.00	78.29 3.02 0.00	84.13 3.48 0.00	78.25 3.26 0.00	113.29 4.38 0.00	89.47 3.09 0.00	78.17 2.78 0.00	88.13 3.30 0.00	104.02 3.67 0.00	93.70 3.50 0.00	122.37 4.41 0.00	89.59 4.06 0.00	98.47 5.52 0.00	110.59 7.09 0.00	85.99 5.64 0.00	87.13 5.58 0.00	80.44 5.13 0.00	76.24 4.57 0.00	70.70 3.41 0.00	78.43 3.19 0.00
LOWER RAQUET___HYD 24057	77.76 -0.14 0.00	83.08 0.31 0.00	93.56 1.28 0.00	113.03 1.51 0.00	102.23 1.23 0.00	75.34 0.07 0.00	80.57 -0.08 0.00	74.41 -0.58 0.00	108.48 -0.43 0.00	86.26 -0.12 0.00	75.06 -0.33 0.00	84.15 -0.68 0.00	99.88 -0.47 0.00	89.92 -0.28 0.00	117.87 -0.09 0.00	85.12 -0.41 0.00	91.14 -1.80 0.00	101.43 -2.06 0.00	78.77 -1.59 0.00	79.96 -1.60 0.00	73.77 -1.54 0.00	71.02 -0.65 0.00	67.72 0.44 0.00	76.50 1.25 0.00
LOWER___HUDSON 24059	81.60 3.70 0.00	86.52 3.75 0.00	95.80 3.52 0.00	115.92 4.40 0.00	104.91 3.91 0.00	78.47 3.20 0.00	84.02 3.37 0.00	78.16 3.16 0.00	113.37 4.46 0.00	89.82 3.44 0.00	78.52 3.12 0.00	88.23 3.40 0.00	104.22 3.88 0.00	93.68 3.48 0.00	122.63 4.68 0.00	89.13 3.61 0.00	97.45 4.51 0.00	108.86 5.37 0.00	84.61 4.26 0.00	85.82 4.27 0.00	79.30 3.99 0.00	75.33 3.66 0.00	70.36 3.07 0.00	78.35 3.11 0.00
LOWVILLE_115KV_TB2 356335	78.94 1.04 0.00	84.08 1.31 0.00	94.29 2.01 0.00	114.04 2.52 0.00	103.40 2.40 0.00	77.12 1.85 0.00	82.60 1.95 0.00	76.75 1.76 0.00	111.83 2.93 0.00	88.75 2.37 0.00	77.25 1.85 0.00	86.23 1.40 0.00	101.61 1.27 0.00	91.23 1.03 0.00	120.08 2.12 0.00	87.25 1.72 0.00	95.55 2.61 0.00	106.97 3.47 0.00	83.08 2.72 0.00	84.11 2.56 0.00	77.24 1.93 0.00	73.33 1.65 0.00	68.43 1.15 0.00	76.71 1.47 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	82.49 4.58 0.00	87.53 4.76 0.00	97.04 4.76 0.00	117.28 5.76 0.00	106.18 5.17 0.00	79.44 4.17 0.00	85.11 4.46 0.00	79.26 4.27 0.00	114.97 6.07 0.00	91.03 4.65 0.00	79.40 4.01 0.00	89.15 4.32 0.00	105.34 5.00 0.00	94.59 4.39 0.00	123.82 5.85 0.00	90.21 4.68 0.00	98.90 5.95 0.00	110.64 7.15 0.00	86.00 5.64 0.00	87.13 5.58 0.00	80.37 5.06 0.00	76.25 4.58 0.00	71.17 3.89 0.00	79.18 3.94 0.00

LUTHERNY_35_KV_BK2 355980	82.51 4.60 0.00	87.57 4.80 0.00	97.20 4.92 0.00	117.36 5.84 0.00	106.20 5.20 0.00	79.47 4.20 0.00	85.13 4.49 0.00	79.30 4.31 0.00	115.02 6.12 0.00	91.04 4.67 0.00	79.37 3.97 0.00	89.15 4.32 0.00	105.45 5.11 0.00	94.64 4.44 0.00	123.92 5.96 0.00	90.24 4.72 0.00	98.95 6.01 0.00	110.64 7.15 0.00	86.06 5.71 0.00	87.20 5.65 0.00	80.42 5.11 0.00	76.26 4.58 0.00	71.17 3.88 0.00	79.13 3.90 0.00
LWR___OSWEGATCHIE_HYD 23850	77.86 -0.05 0.00	83.06 0.30 0.00	93.33 1.05 0.00	112.79 1.27 0.00	102.16 1.15 0.00	75.68 0.42 0.00	80.94 0.29 0.00	74.91 -0.08 0.00	109.19 0.28 0.00	86.72 0.34 0.00	75.45 0.06 0.00	84.38 -0.45 0.00	99.67 -0.67 0.00	89.68 -0.52 0.00	117.81 -0.15 0.00	85.39 -0.13 0.00	92.55 -0.40 0.00	103.39 -0.10 0.00	80.32 -0.04 0.00	81.43 -0.12 0.00	74.92 -0.39 0.00	71.59 -0.09 0.00	67.61 0.32 0.00	76.12 0.88 0.00
LYONS_FALL_HYD 23570	79.42 1.52 0.00	84.47 1.70 0.00	94.43 2.15 0.00	114.16 2.64 0.00	103.48 2.48 0.00	77.22 1.96 0.00	82.74 2.09 0.00	76.90 1.91 0.00	111.96 3.05 0.00	88.84 2.47 0.00	77.43 2.04 0.00	86.71 1.88 0.00	102.30 1.95 0.00	91.89 1.70 0.00	120.66 2.71 0.00	87.65 2.13 0.00	95.85 2.91 0.00	107.11 3.61 0.00	83.20 2.84 0.00	84.30 2.74 0.00	77.49 2.18 0.00	73.53 1.85 0.00	68.63 1.35 0.00	76.81 1.57 0.00
MADISON___COUNTY_LFGE 323628	80.06 2.16 0.00	85.12 2.35 0.00	94.66 2.38 0.00	114.41 2.89 0.00	103.74 2.74 0.00	77.55 2.28 0.00	83.00 2.36 0.00	77.20 2.21 0.00	112.20 3.29 0.00	89.09 2.71 0.00	77.76 2.37 0.00	87.41 2.58 0.00	103.25 2.91 0.00	92.87 2.67 0.00	121.63 3.67 0.00	88.38 2.86 0.00	96.53 3.59 0.00	107.37 3.88 0.00	83.41 3.05 0.00	84.45 2.90 0.00	77.74 2.43 0.00	73.66 1.99 0.00	68.84 1.55 0.00	76.80 1.56 0.00
MALONE___115KV_TB1 356076	78.44 0.53 0.00	84.00 1.23 0.00	94.55 2.27 0.00	114.17 2.65 0.00	103.19 2.19 0.00	76.43 1.16 0.00	82.12 1.48 0.00	76.37 1.38 0.00	111.54 2.63 0.00	88.85 2.47 0.00	77.40 2.00 0.00	86.97 2.14 0.00	102.94 2.60 0.00	92.75 2.55 0.00	121.53 3.57 0.00	87.87 2.35 0.00	94.57 1.63 0.00	105.26 1.76 0.00	81.67 1.31 0.00	82.83 1.28 0.00	76.43 1.13 0.00	72.96 1.29 0.00	69.12 1.83 0.00	77.74 2.50 0.00
MAPLEWOD_115KV_TB3 80458	81.48 3.57 0.00	86.32 3.55 0.00	95.66 3.38 0.00	115.67 4.15 0.00	104.73 3.72 0.00	78.32 3.05 0.00	83.80 3.15 0.00	77.94 2.95 0.00	113.10 4.19 0.00	89.55 3.17 0.00	78.26 2.86 0.00	87.96 3.13 0.00	103.86 3.52 0.00	93.35 3.15 0.00	122.58 4.62 0.00	89.01 3.49 0.00	97.11 4.17 0.00	108.16 4.67 0.00	83.91 3.55 0.00	85.21 3.66 0.00	78.76 3.45 0.00	74.85 3.18 0.00	69.92 2.64 0.00	78.07 2.82 0.00
MAPLE_RIDGE_WT_1 323574	77.48 -0.42 0.00	82.47 -0.30 0.00	92.42 0.13 0.00	111.74 0.22 0.00	101.15 0.14 0.00	75.19 -0.08 0.00	80.69 0.05 0.00	75.06 0.07 0.00	109.16 0.25 0.00	86.65 0.27 0.00	75.57 0.17 0.00	84.96 0.13 0.00	100.46 0.12 0.00	90.31 0.10 0.00	118.20 0.24 0.00	85.59 0.06 0.00	92.68 -0.26 0.00	103.09 -0.41 0.00	80.03 -0.32 0.00	81.23 -0.32 0.00	74.99 -0.32 0.00	71.38 -0.29 0.00	67.16 -0.12 0.00	75.33 0.09 0.00
MAPLE_RIDGE_WT_2 323611	77.48 -0.42 0.00	82.47 -0.30 0.00	92.42 0.13 0.00	111.74 0.22 0.00	101.15 0.14 0.00	75.19 -0.08 0.00	80.69 0.05 0.00	75.06 0.07 0.00	109.16 0.25 0.00	86.65 0.27 0.00	75.57 0.17 0.00	84.96 0.13 0.00	100.46 0.12 0.00	90.31 0.10 0.00	118.20 0.24 0.00	85.59 0.06 0.00	92.68 -0.26 0.00	103.09 -0.41 0.00	80.03 -0.32 0.00	81.23 -0.32 0.00	74.99 -0.32 0.00	71.38 -0.29 0.00	67.16 -0.12 0.00	75.33 0.09 0.00
MARBLE_RIVER_WT_PWR 323696	76.85 -1.05 0.00	82.42 -0.35 0.00	92.85 0.57 0.00	112.18 0.66 0.00	101.40 0.40 0.00	75.25 -0.02 0.00	80.94 0.29 0.00	75.31 0.32 0.00	109.84 0.94 0.00	87.47 1.09 0.00	76.29 0.90 0.00	85.77 0.94 0.00	101.50 1.16 0.00	91.45 1.25 0.00	119.89 1.94 0.00	86.76 1.24 0.00	93.52 0.58 0.00	103.89 0.40 0.00	80.61 0.25 0.00	81.76 0.21 0.00	75.47 0.16 0.00	71.92 0.25 0.00	68.03 0.75 0.00	76.50 1.26 0.00
MARSHVLE_115KV_TB1 80742	81.95 4.05 0.00	86.93 4.16 0.00	97.13 4.85 0.00	117.40 5.88 0.00	106.43 5.43 0.00	79.44 4.18 0.00	85.03 4.39 0.00	79.03 4.04 0.00	114.70 5.79 0.00	90.80 4.42 0.00	78.88 3.49 0.00	88.55 3.72 0.00	104.37 4.03 0.00	93.57 3.37 0.00	122.25 4.30 0.00	89.55 4.02 0.00	98.34 5.40 0.00	110.18 6.69 0.00	85.54 5.19 0.00	86.58 5.03 0.00	79.73 4.41 0.00	75.64 3.96 0.00	70.84 3.55 0.00	79.11 3.87 0.00
MARSH_HILL_WT_PWR 323713	75.69 -2.24 -0.03	80.36 -2.41 0.00	89.06 -3.23 0.00	107.67 -3.85 0.00	98.10 -2.90 0.00	73.60 -1.67 0.00	77.81 -2.84 0.00	72.07 -2.92 0.00	104.54 -4.37 0.00	83.26 -3.12 0.00	72.34 -3.05 0.00	80.87 -3.96 0.00	95.77 -4.57 0.00	86.38 -3.82 0.00	113.33 -4.63 0.00	82.50 -3.03 0.00	90.63 -2.31 0.00	100.68 -2.82 0.00	76.90 -3.46 0.00	78.90 -4.44 -1.79	87.88 -4.37 -16.93	93.80 -5.32 -27.45	61.77 -5.51 0.00	69.22 -6.03 0.00
MCINTYRE_115KV_TB2 80467	79.38 1.48 0.00	84.78 2.01 0.00	95.55 3.26 0.00	115.38 3.86 0.00	104.35 3.35 0.00	76.98 1.72 0.00	82.63 1.98 0.00	76.66 1.67 0.00	111.75 2.84 0.00	88.76 2.38 0.00	77.10 1.70 0.00	86.35 1.52 0.00	101.88 1.54 0.00	91.84 1.64 0.00	120.24 2.28 0.00	87.12 1.60 0.00	93.70 0.76 0.00	104.44 0.95 0.00	81.03 0.67 0.00	82.20 0.64 0.00	75.92 0.61 0.00	72.74 1.06 0.00	69.21 1.93 0.00	78.11 2.87 0.00
MECO_____69_KV_BK1 80468	83.32 5.42 0.00	88.32 5.55 0.00	98.31 6.03 0.00	118.83 7.31 0.00	107.71 6.70 0.00	80.49 5.22 0.00	86.20 5.56 0.00	80.24 5.25 0.00	116.30 7.39 0.00	91.93 5.55 0.00	79.27 3.87 0.00	88.59 3.76 0.00	104.30 3.96 0.00	93.04 2.84 0.00	121.84 3.88 0.00	90.22 4.70 0.00	100.12 7.18 0.00	112.42 8.92 0.00	87.24 6.89 0.00	88.30 6.76 0.00	81.33 6.02 0.00	77.09 5.41 0.00	71.97 4.69 0.00	80.19 4.95 0.00
MENANDS___115KV_TB5 355628	81.23 3.32 0.00	86.06 3.29 0.00	95.37 3.09 0.00	115.30 3.78 0.00	104.40 3.40 0.00	78.08 2.82 0.00	83.55 2.91 0.00	77.67 2.68 0.00	112.68 3.77 0.00	89.21 2.83 0.00	77.97 2.58 0.00	87.67 2.84 0.00	103.51 3.17 0.00	93.03 2.83 0.00	122.35 4.39 0.00	88.76 3.23 0.00	96.67 3.72 0.00	107.49 4.00 0.00	83.35 2.99 0.00	84.67 3.11 0.00	78.31 3.00 0.00	74.45 2.78 0.00	69.55 2.27 0.00	77.74 2.50 0.00
MG INDUSTRY___DRP 24185	80.90 3.00 0.00	85.82 3.05 0.00	95.23 2.94 0.00	115.05 3.53 0.00	104.22 3.22 0.00	77.89 2.62 0.00	83.23 2.58 0.00	77.40 2.41 0.00	112.22 3.31 0.00	88.61 2.23 0.00	77.35 1.96 0.00	87.21 2.38 0.00	102.83 2.49 0.00	92.43 2.23 0.00	121.37 3.41 0.00	88.24 2.72 0.00	96.20 3.25 0.00	106.91 3.42 0.00	82.88 2.53 0.00	84.22 2.67 0.00	77.83 2.51 0.00	74.03 2.36 0.00	69.24 1.96 0.00	77.43 2.19 0.00

MID___OSWEGATCHIE_HYD 23849	77.86 -0.05 0.00	83.06 0.30 0.00	93.33 1.05 0.00	112.79 1.27 0.00	102.16 1.15 0.00	75.68 0.42 0.00	80.94 0.29 0.00	74.91 -0.08 0.00	109.19 0.28 0.00	86.72 0.34 0.00	75.45 0.06 0.00	84.38 -0.45 0.00	99.67 -0.67 0.00	89.68 -0.52 0.00	117.81 -0.15 0.00	85.39 -0.13 0.00	92.55 -0.40 0.00	103.39 -0.10 0.00	80.32 -0.04 0.00	81.43 -0.12 0.00	74.92 -0.39 0.00	71.59 -0.09 0.00	67.61 0.32 0.00	76.12 0.88 0.00
MID___RAQUETTE_HYD 23851	77.76 -0.14 0.00	83.08 0.31 0.00	93.57 1.28 0.00	113.03 1.51 0.00	102.23 1.23 0.00	75.34 0.07 0.00	80.57 -0.08 0.00	74.41 -0.58 0.00	108.48 -0.43 0.00	86.26 -0.12 0.00	75.06 -0.34 0.00	84.15 -0.68 0.00	99.88 -0.47 0.00	89.92 -0.28 0.00	117.87 -0.09 0.00	85.11 -0.41 0.00	91.14 -1.80 0.00	101.43 -2.07 0.00	78.77 -1.59 0.00	79.96 -1.60 0.00	73.78 -1.54 0.00	71.02 -0.66 0.00	67.72 0.44 0.00	76.50 1.26 0.00
MILLIKEN___1 23584	79.22 1.32 0.00	84.00 1.23 0.00	93.18 0.90 0.00	112.69 1.17 0.00	102.23 1.22 0.00	76.47 1.20 0.00	81.55 0.91 0.00	75.76 0.77 0.00	110.08 1.17 0.00	87.39 1.01 0.00	76.34 0.94 0.00	85.60 0.77 0.00	100.93 0.59 0.00	90.79 0.59 0.00	118.77 0.81 0.00	86.64 1.11 0.00	94.77 1.82 0.00	105.82 2.33 0.00	82.05 1.70 0.00	83.12 1.58 0.00	76.57 1.26 0.00	72.65 0.98 0.00	67.95 0.66 0.00	75.72 0.48 0.00
MILLIKEN___2 23585	79.22 1.32 0.00	84.00 1.23 0.00	93.18 0.90 0.00	112.69 1.17 0.00	102.23 1.22 0.00	76.47 1.20 0.00	81.55 0.91 0.00	75.76 0.77 0.00	110.08 1.17 0.00	87.39 1.01 0.00	76.34 0.94 0.00	85.60 0.77 0.00	100.93 0.59 0.00	90.79 0.59 0.00	118.77 0.81 0.00	86.64 1.11 0.00	94.77 1.82 0.00	105.82 2.33 0.00	82.05 1.70 0.00	83.12 1.58 0.00	76.57 1.26 0.00	72.65 0.98 0.00	67.95 0.66 0.00	75.72 0.48 0.00
MILLIKEN___DIESEL 23629	79.22 1.32 0.00	84.00 1.23 0.00	93.18 0.90 0.00	112.69 1.17 0.00	102.23 1.22 0.00	76.47 1.20 0.00	81.55 0.91 0.00	75.76 0.77 0.00	110.08 1.17 0.00	87.39 1.01 0.00	76.34 0.94 0.00	85.60 0.77 0.00	100.93 0.59 0.00	90.79 0.59 0.00	118.77 0.81 0.00	86.64 1.11 0.00	94.77 1.82 0.00	105.82 2.33 0.00	82.05 1.70 0.00	83.12 1.58 0.00	76.57 1.26 0.00	72.65 0.98 0.00	67.95 0.66 0.00	75.72 0.48 0.00
MILLSEAT___LFGE 323607	73.99 -3.80 0.11	78.94 -3.83 0.00	87.56 -4.72 0.00	105.48 -6.05 0.00	95.80 -5.21 0.00	71.62 -3.65 0.00	74.89 -5.75 0.00	68.44 -6.55 0.00	98.98 -9.92 0.00	79.16 -7.22 0.00	68.85 -6.55 0.00	76.66 -8.17 0.00	90.07 -10.27 0.00	81.26 -8.94 0.00	105.81 -12.15 0.00	77.43 -8.09 0.00	85.44 -7.50 0.00	95.28 -8.21 0.00	73.63 -6.72 0.00	74.21 -7.04 0.31	66.15 -6.22 2.94	60.97 -5.92 4.79	61.84 -5.45 0.00	69.77 -5.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	82.78 4.88 0.00	87.35 4.58 0.00	96.52 4.24 0.00	116.31 4.79 0.00	105.36 4.35 0.00	79.00 3.73 0.00	84.82 4.18 0.00	78.93 3.94 0.00	114.35 5.44 0.00	90.32 3.94 0.00	78.91 3.51 0.00	88.93 4.11 0.00	105.00 4.65 0.00	94.58 4.38 0.00	123.50 5.54 0.00	90.42 4.89 0.00	99.38 6.44 0.00	111.51 8.02 0.00	86.71 6.35 0.00	87.87 6.32 0.00	81.12 5.81 0.00	76.87 5.20 0.00	71.34 4.06 0.00	79.13 3.89 0.00
MILLWOOD_13_KV_LOAD 356217	82.92 5.02 0.00	87.47 4.70 0.00	96.65 4.37 0.00	116.45 4.93 0.00	105.49 4.49 0.00	79.10 3.83 0.00	84.93 4.28 0.00	79.06 4.07 0.00	114.52 5.61 0.00	90.44 4.06 0.00	79.02 3.62 0.00	89.03 4.20 0.00	105.10 4.76 0.00	94.69 4.49 0.00	123.66 5.70 0.00	90.56 5.04 0.00	99.53 6.59 0.00	111.72 8.23 0.00	86.87 6.52 0.00	88.03 6.48 0.00	81.26 5.95 0.00	77.01 5.33 0.00	71.44 4.15 0.00	79.24 4.00 0.00
MODEL_CITY_ENERGY 24167	71.25 -6.52 0.14	76.19 -6.57 0.00	84.49 -7.79 0.00	101.77 -9.75 0.00	92.45 -8.55 0.00	69.06 -6.21 0.00	71.86 -8.78 0.00	65.40 -9.60 0.00	94.37 -14.54 0.00	75.58 -10.79 0.00	65.93 -9.46 0.00	73.41 -11.42 0.00	86.31 -14.03 0.00	77.63 -12.57 0.00	100.80 -17.16 0.00	73.96 -11.56 0.00	81.42 -11.52 0.00	90.49 -13.00 0.00	69.90 -10.46 0.00	70.36 -10.82 0.37	62.17 -9.52 3.62	57.02 -8.79 5.86	59.14 -8.15 0.00	66.98 -8.27 0.00
MODERN_LFGE___ 323580	71.25 -6.52 0.14	76.19 -6.57 0.00	84.49 -7.79 0.00	101.77 -9.75 0.00	92.45 -8.55 0.00	69.06 -6.21 0.00	71.86 -8.78 0.00	65.40 -9.60 0.00	94.37 -14.54 0.00	75.58 -10.79 0.00	65.93 -9.46 0.00	73.41 -11.42 0.00	86.31 -14.03 0.00	77.63 -12.57 0.00	100.80 -17.16 0.00	73.96 -11.56 0.00	81.42 -11.52 0.00	90.49 -13.00 0.00	69.90 -10.46 0.00	70.36 -10.82 0.37	62.17 -9.52 3.62	57.02 -8.79 5.86	59.14 -8.15 0.00	66.98 -8.27 0.00
MOHAWK_PAPER___DRP 24187	81.48 3.57 0.00	86.32 3.55 0.00	95.66 3.38 0.00	115.67 4.15 0.00	104.73 3.72 0.00	78.32 3.05 0.00	83.80 3.15 0.00	77.94 2.95 0.00	113.10 4.19 0.00	89.55 3.17 0.00	78.26 2.86 0.00	87.96 3.13 0.00	103.86 3.52 0.00	93.35 3.15 0.00	122.58 4.62 0.00	89.01 3.49 0.00	97.11 4.17 0.00	108.16 4.67 0.00	83.91 3.55 0.00	85.21 3.66 0.00	78.76 3.45 0.00	74.85 3.18 0.00	69.92 2.64 0.00	78.07 2.82 0.00
MOHICAN___35_KV_115KV_LD 80490	83.29 5.39 0.00	88.36 5.59 0.00	97.82 5.53 0.00	118.41 6.89 0.00	107.19 6.19 0.00	80.28 5.02 0.00	86.10 5.46 0.00	80.29 5.31 0.00	116.58 7.67 0.00	92.24 5.87 0.00	80.44 5.04 0.00	90.25 5.42 0.00	106.49 6.14 0.00	95.55 5.35 0.00	125.03 7.07 0.00	91.17 5.64 0.00	100.23 7.29 0.00	112.51 9.01 0.00	87.40 7.05 0.00	88.43 6.88 0.00	81.50 6.19 0.00	77.23 5.56 0.00	72.03 4.75 0.00	79.99 4.75 0.00
MONGAUP___HYD 23641	83.52 5.61 0.00	88.18 5.41 0.00	97.50 5.22 0.00	117.55 6.03 0.00	106.49 5.49 0.00	79.80 4.54 0.00	85.63 4.99 0.00	79.72 4.73 0.00	115.38 6.48 0.00	90.79 4.41 0.00	79.11 3.72 0.00	88.42 3.59 0.00	104.82 4.48 0.00	94.80 4.60 0.00	124.59 6.63 0.00	91.02 5.49 0.00	100.31 7.37 0.00	112.58 9.09 0.00	87.49 7.14 0.00	88.65 7.09 0.00	81.78 6.47 0.00	77.47 5.80 0.00	71.93 4.65 0.00	79.80 4.56 0.00
MONTAUK___DIESEL 23721	84.32 6.42 0.00	88.92 6.15 0.00	97.74 5.45 0.00	117.78 6.26 0.00	105.83 4.82 0.00	80.55 5.29 0.00	86.52 5.87 0.00	80.89 5.90 0.00	116.76 7.85 0.00	91.45 5.07 0.00	79.53 4.13 0.00	91.74 6.91 0.00	109.03 8.68 0.00	99.72 9.51 0.00	130.56 12.61 0.00	145.70 11.11 -49.06	113.85 14.29 -6.62	128.47 17.03 -7.95	118.44 13.98 -24.10	116.74 13.97 -21.22	117.99 12.57 -30.11	94.73 11.38 -11.68	75.52 8.24 0.00	84.41 9.17 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	75.11 -2.79 0.00	80.12 -2.65 0.00	89.05 -3.23 0.00	107.35 -4.17 0.00	97.57 -3.43 0.00	73.14 -2.13 0.00	76.48 -4.17 0.00	69.97 -5.02 0.00	101.24 -7.67 0.00	80.97 -5.41 0.00	70.81 -4.59 0.00	78.95 -5.88 0.00	92.87 -7.47 0.00	83.32 -6.88 0.00	107.71 -10.25 0.00	78.37 -7.16 0.00	86.04 -6.90 0.00	94.50 -8.99 0.00	71.72 -8.64 0.38	72.15 -9.03 0.00	63.54 -8.18 3.58	57.34 -8.49 5.84	59.95 -7.33 0.00	67.88 -7.36 0.00

MORRIS_RIDGE___SOLAR 323848	74.73 -3.21 -0.04	79.48 -3.28 0.00	87.98 -4.30 0.00	106.43 -5.09 0.00	96.70 -4.30 0.00	72.41 -2.86 0.00	76.19 -4.46 0.00	70.18 -4.81 0.00	101.50 -7.41 0.00	80.72 -5.65 0.00	70.11 -5.29 0.00	78.70 -6.14 0.00	93.01 -7.33 0.00	83.91 -6.29 0.00	109.69 -8.26 0.00	80.00 -5.52 0.00	87.93 -5.01 0.00	97.71 -5.78 0.00	75.10 -5.26 0.00	73.29 -5.87 2.39	47.11 -5.55 22.65	29.10 -5.80 36.77	61.86 -5.43 0.00	69.41 -5.83 0.00
MORTIMER_115KV_TB3 55949	74.82 -3.09 0.00	79.63 -3.13 0.00	88.42 -3.86 0.00	106.66 -4.86 0.00	96.72 -4.28 0.00	72.30 -2.97 0.00	76.31 -4.33 0.00	70.19 -4.80 0.00	101.65 -7.26 0.00	81.08 -5.30 0.00	70.75 -4.65 0.00	79.19 -5.64 0.00	93.37 -6.97 0.00	83.96 -6.24 0.00	109.47 -8.49 0.00	79.90 -5.63 0.00	87.69 -5.25 0.00	97.74 -5.75 0.00	75.64 -4.72 0.00	76.55 -4.94 0.07	70.15 -4.45 0.70	66.11 -4.37 1.20	63.44 -3.85 0.00	71.18 -4.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	83.30 5.40 0.00	87.85 5.08 0.00	97.00 4.72 0.00	116.80 5.28 0.00	105.82 4.82 0.00	79.38 4.11 0.00	85.24 4.60 0.00	79.38 4.38 0.00	115.01 6.11 0.00	90.86 4.48 0.00	79.42 4.03 0.00	89.47 4.64 0.00	105.62 5.28 0.00	95.17 4.97 0.00	124.25 6.29 0.00	91.04 5.52 0.00	100.07 7.13 0.00	112.31 8.82 0.00	87.35 7.00 0.00	88.52 6.97 0.00	81.71 6.40 0.00	77.41 5.73 0.00	71.79 4.51 0.00	79.59 4.34 0.00
MUNSVILLE_WIND_PWR 323609	83.78 5.88 0.00	88.81 6.04 0.00	99.01 6.73 0.00	119.86 8.34 0.00	109.21 8.20 0.00	82.43 7.16 0.00	88.35 7.71 0.00	82.37 7.38 0.00	120.00 11.09 0.00	95.44 9.06 0.00	83.33 7.94 0.00	93.31 8.48 0.00	109.84 9.50 0.00	98.96 8.75 0.00	129.62 11.66 0.00	94.53 9.00 0.00	103.99 11.05 0.00	116.38 12.89 0.00	90.23 9.87 0.00	91.12 9.57 0.00	83.21 7.90 0.00	78.49 6.82 0.00	72.65 5.36 0.00	80.86 5.62 0.00
N SALMON___HYD 24042	78.44 0.53 0.00	84.00 1.23 0.00	94.55 2.26 0.00	114.17 2.65 0.00	103.19 2.19 0.00	76.43 1.17 0.00	82.12 1.48 0.00	76.37 1.38 0.00	111.54 2.63 0.00	88.85 2.47 0.00	77.40 2.00 0.00	86.97 2.14 0.00	102.93 2.59 0.00	92.75 2.55 0.00	121.53 3.57 0.00	87.87 2.35 0.00	94.57 1.63 0.00	105.25 1.76 0.00	81.67 1.31 0.00	82.83 1.28 0.00	76.43 1.12 0.00	72.96 1.28 0.00	69.11 1.83 0.00	77.74 2.49 0.00
N.AKRON__115KV_KNAPP 355671	73.60 -4.30 0.00	78.45 -4.32 0.00	87.00 -5.29 0.00	104.80 -6.72 0.00	95.19 -5.81 0.00	71.16 -4.11 0.00	74.28 -6.37 0.00	67.81 -7.18 0.00	98.01 -10.90 0.00	78.44 -7.94 0.00	68.29 -7.11 0.00	76.11 -8.72 0.00	89.45 -10.89 0.00	80.59 -9.61 0.00	104.78 -13.18 0.00	76.74 -8.78 0.00	84.62 -8.32 0.00	94.26 -9.23 0.00	72.80 -7.56 0.00	73.32 -7.91 0.33	65.11 -7.05 3.15	59.84 -6.70 5.14	61.37 -5.92 0.00	69.20 -6.04 0.00
N.BELMOR_69_KV_BK1 55787	84.32 6.41 0.00	89.21 6.44 0.00	98.34 6.06 0.00	118.12 6.60 0.00	106.86 5.86 0.00	80.57 5.30 0.00	86.42 5.77 0.00	80.51 5.51 0.00	116.19 7.28 0.00	91.74 5.36 0.00	79.86 4.46 0.00	90.62 5.79 0.00	106.91 6.57 0.00	96.67 6.47 0.00	125.47 7.52 0.00	141.56 6.97 -49.06	108.53 8.97 -6.62	122.01 10.57 -7.95	112.99 8.53 -24.10	111.26 8.49 -21.22	113.26 7.83 -30.11	90.49 7.14 -11.68	73.09 5.80 0.00	80.93 5.69 0.00
N.E_GEN_SANDY PD 24062	87.48 4.45 -5.13	87.41 4.37 -0.27	96.36 4.08 0.00	116.47 4.95 0.00	105.44 4.43 0.00	98.97 3.71 -19.99	115.61 3.96 -31.00	82.99 3.69 -4.31	118.72 5.14 -4.68	121.93 3.86 -31.68	112.49 3.48 -33.61	99.74 3.97 -10.93	104.83 4.48 0.00	94.35 4.15 0.00	122.84 5.30 0.42	95.30 4.16 -5.62	100.98 5.28 -2.76	105.28 6.47 4.69	107.60 5.21 -22.03	94.63 5.22 -7.86	90.01 4.88 -9.82	81.20 4.45 -5.08	80.29 3.66 -9.35	83.91 3.65 -5.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	82.26 4.36 0.00	86.72 3.95 0.00	95.86 3.58 0.00	115.52 4.00 0.00	104.65 3.65 0.00	78.47 3.20 0.00	84.29 3.65 0.00	78.40 3.41 0.00	113.52 4.61 0.00	89.65 3.27 0.00	78.32 2.93 0.00	88.30 3.47 0.00	104.23 3.88 0.00	93.89 3.68 0.00	122.62 4.66 0.00	89.79 4.26 0.00	98.68 5.74 0.00	110.86 7.36 0.00	86.18 5.83 0.00	87.33 5.77 0.00	80.60 5.29 0.00	76.40 4.72 0.00	70.87 3.59 0.00	78.60 3.36 0.00
N.QUEENS_27_KV_LOAD 356247	83.35 5.45 0.00	87.98 5.21 0.00	97.09 4.81 0.00	116.77 5.25 0.00	105.85 4.85 0.00	79.40 4.13 0.00	85.29 4.64 0.00	79.49 4.49 0.00	115.15 6.24 0.00	91.03 4.65 0.00	79.52 4.13 0.00	89.53 4.70 0.00	105.68 5.34 0.00	95.22 5.02 0.00	124.32 6.36 0.00	91.20 5.68 0.00	100.19 7.24 0.00	112.40 8.91 0.00	87.49 7.14 0.00	88.74 7.18 0.00	81.83 6.51 -0.01	77.55 5.88 0.00	71.92 4.63 0.00	79.79 4.55 0.00
N.TROY___115KV_TB1 355778	81.60 3.70 0.00	86.52 3.75 0.00	95.81 3.52 0.00	115.92 4.40 0.00	104.92 3.91 0.00	78.47 3.20 0.00	84.01 3.37 0.00	78.16 3.16 0.00	113.37 4.46 0.00	89.82 3.43 0.00	78.52 3.12 0.00	88.23 3.40 0.00	104.23 3.88 0.00	93.68 3.48 0.00	122.63 4.68 0.00	89.13 3.60 0.00	97.46 4.52 0.00	108.86 5.37 0.00	84.62 4.26 0.00	85.82 4.27 0.00	79.30 3.99 0.00	75.34 3.67 0.00	70.34 3.06 0.00	78.35 3.11 0.00
NARROWS_GT1_1 24228	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT1_2 24229	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT1_3 24230	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT1_4 24231	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00

NARROWS_GT1_5 24232	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT1_6 24233	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT1_7 24234	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT1_8 24235	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_1 24236	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_2 24237	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_3 24238	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_4 24239	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_5 24240	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_6 24241	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_7 24242	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NARROWS_GT2_8 24243	85.48 5.98 -1.60	88.37 5.60 0.00	97.53 5.25 0.00	117.35 5.83 0.00	106.35 5.34 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.93 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.66 6.14 0.00	101.26 7.89 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.57 -15.98	79.82 5.25 -7.29	80.27 5.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	83.54 5.64 0.00	88.55 5.78 0.00	98.16 5.88 0.00	118.61 7.09 0.00	107.43 6.43 0.00	80.27 5.01 0.00	85.73 5.08 0.00	79.86 4.87 0.00	115.99 7.08 0.00	91.57 5.19 0.00	79.58 4.19 0.00	89.35 4.52 0.00	104.82 4.48 0.00	94.14 3.94 0.00	124.57 6.61 0.00	91.00 5.47 0.00	99.47 6.52 0.00	110.69 7.20 0.00	85.67 5.31 0.00	86.94 5.38 0.00	80.24 4.93 0.00	76.20 4.53 0.00	71.18 3.89 0.00	79.69 4.44 0.00
NCHELSEA_115KV_TR2 355582	83.86 5.96 0.00	88.52 5.75 0.00	97.81 5.53 0.00	117.90 6.38 0.00	106.81 5.81 0.00	80.10 4.83 0.00	85.95 5.31 0.00	80.03 5.04 0.00	115.95 7.04 0.00	91.52 5.14 0.00	79.85 4.45 0.00	89.92 5.09 0.00	106.17 5.83 0.00	95.71 5.50 0.00	125.17 7.21 0.00	91.59 6.07 0.00	100.70 7.76 0.00	113.04 9.55 0.00	87.87 7.51 0.00	89.03 7.48 0.00	82.15 6.84 0.00	77.80 6.12 0.00	72.22 4.93 0.00	80.10 4.85 0.00
NEG CAPITAL___MECHNVIL 23645	82.68 4.78 0.00	87.70 4.93 0.00	97.15 4.87 0.00	117.46 5.94 0.00	106.32 5.32 0.00	79.57 4.30 0.00	85.20 4.56 0.00	79.36 4.37 0.00	115.16 6.25 0.00	91.20 4.82 0.00	79.59 4.19 0.00	89.35 4.52 0.00	105.54 5.20 0.00	94.81 4.61 0.00	124.12 6.16 0.00	90.41 4.89 0.00	99.14 6.20 0.00	110.88 7.39 0.00	86.17 5.82 0.00	87.33 5.78 0.00	80.57 5.26 0.00	76.43 4.76 0.00	71.31 4.03 0.00	79.35 4.11 0.00

NEG CENTRAL_HIGH_ACRES 23767	74.03 -3.82 0.05	78.80 -3.97 0.00	87.48 -4.81 0.00	105.55 -5.97 0.00	95.70 -5.30 0.00	71.56 -3.71 0.00	75.74 -4.91 0.00	69.87 -5.13 0.00	101.25 -7.66 0.00	80.69 -5.69 0.00	70.42 -4.97 0.00	78.89 -5.94 0.00	93.08 -7.26 0.00	83.66 -6.54 0.00	109.19 -8.76 0.00	79.62 -5.90 0.00	87.25 -5.70 0.00	97.32 -6.18 0.00	75.38 -4.98 0.00	76.22 -5.26 0.07	69.70 -4.87 0.74	65.42 -4.80 1.46	62.83 -4.45 0.00	70.60 -4.64 0.00
NEG CENTRAL___DRP 24199	77.17 -0.73 0.00	81.89 -0.88 0.00	90.64 -1.64 0.00	109.47 -2.05 0.00	99.28 -1.72 0.00	74.42 -0.85 0.00	79.18 -1.46 0.00	73.46 -1.53 0.00	106.50 -2.41 0.00	84.68 -1.70 0.00	73.96 -1.44 0.00	82.74 -2.09 0.00	97.44 -2.90 0.00	87.64 -2.56 0.00	114.79 -3.17 0.00	83.81 -1.71 0.00	91.60 -1.34 0.00	102.06 -1.43 0.00	79.05 -1.31 0.00	80.90 -1.03 -0.38	78.35 -0.61 -3.66	76.47 -1.19 -5.99	66.12 -1.17 0.00	73.50 -1.75 0.00
NEG CENTRAL___INDECK 23768	77.65 -0.25 0.00	82.59 -0.17 0.00	91.54 -0.74 0.00	110.58 -0.94 0.00	100.38 -0.62 0.00	75.13 -0.14 0.00	79.41 -1.23 0.00	73.20 -1.79 0.00	106.17 -2.74 0.00	84.71 -1.67 0.00	73.40 -2.00 0.00	82.11 -2.72 0.00	97.16 -3.18 0.00	87.46 -2.74 0.00	113.95 -4.01 0.00	82.82 -2.71 0.00	91.35 -1.59 0.00	102.71 -0.78 0.00	79.21 -1.15 0.00	81.57 -1.76 -1.78	90.33 -1.81 -16.84	96.61 -2.34 -27.27	65.03 -2.26 0.00	72.88 -2.37 0.00
NEG CENTRAL___SENECA 23627	76.92 -0.98 0.00	81.55 -1.22 0.00	90.12 -2.16 0.00	108.76 -2.76 0.00	98.72 -2.28 0.00	74.15 -1.12 0.00	78.77 -1.87 0.00	73.03 -1.96 0.00	105.75 -3.16 0.00	84.25 -2.13 0.00	73.52 -1.88 0.00	82.11 -2.72 0.00	96.46 -3.89 0.00	86.79 -3.41 0.00	113.99 -3.97 0.00	83.32 -2.21 0.00	91.15 -1.79 0.00	101.45 -2.04 0.00	78.51 -1.84 0.00	80.90 -1.28 -0.62	80.72 -0.52 -5.93	79.89 -1.44 -9.66	65.93 -1.35 0.00	73.15 -2.09 0.00
NEG CENTRAL___STATE_STREET 24147	78.24 0.34 0.00	83.04 0.27 0.00	92.14 -0.14 0.00	111.39 -0.13 0.00	101.00 0.00 0.00	75.48 0.22 0.00	80.45 -0.19 0.00	74.64 -0.35 0.00	108.44 -0.47 0.00	85.90 -0.48 0.00	75.14 -0.25 0.00	84.31 -0.52 0.00	99.60 -0.75 0.00	89.54 -0.66 0.00	116.72 -1.24 0.00	85.28 -0.25 0.00	93.01 0.07 0.00	103.77 0.28 0.00	80.49 0.13 0.00	81.69 0.04 -0.10	76.34 -0.02 -1.05	73.40 -0.14 -1.87	67.16 -0.12 0.00	74.70 -0.54 0.00
NEG MILLWOOD___DRP 24198	84.15 6.25 0.00	88.77 6.00 0.00	98.08 5.79 0.00	118.20 6.68 0.00	107.10 6.10 0.00	80.32 5.05 0.00	86.20 5.56 0.00	80.27 5.28 0.00	116.35 7.44 0.00	91.88 5.51 0.00	80.19 4.79 0.00	90.33 5.50 0.00	106.62 6.27 0.00	96.04 5.84 0.00	125.50 7.54 0.00	91.85 6.32 0.00	101.03 8.08 0.00	113.43 9.94 0.00	88.19 7.83 0.00	89.33 7.78 0.00	82.45 7.14 0.00	78.08 6.41 0.00	72.44 5.15 0.00	80.31 5.07 0.00
NEG NORTH_FLCN_SEA 23793	77.48 -0.42 0.00	83.01 0.24 0.00	93.43 1.15 0.00	112.93 1.41 0.00	102.16 1.15 0.00	75.97 0.71 0.00	81.74 1.10 0.00	76.02 1.03 0.00	110.83 1.93 0.00	88.18 1.81 0.00	77.01 1.61 0.00	86.50 1.67 0.00	102.16 1.82 0.00	92.09 1.89 0.00	120.72 2.76 0.00	87.60 2.07 0.00	94.57 1.63 0.00	105.18 1.68 0.00	81.58 1.23 0.00	82.64 1.09 0.00	76.20 0.89 0.00	72.55 0.87 0.00	68.54 1.26 0.00	77.07 1.83 0.00
NEG NORTH_KES_CHATEGAY 23792	77.14 -0.76 0.00	82.75 -0.02 0.00	93.20 0.92 0.00	112.58 1.06 0.00	101.72 0.72 0.00	75.42 0.15 0.00	81.20 0.55 0.00	75.58 0.59 0.00	110.33 1.43 0.00	87.86 1.48 0.00	76.55 1.16 0.00	86.05 1.23 0.00	101.83 1.49 0.00	91.75 1.55 0.00	120.26 2.30 0.00	86.99 1.46 0.00	93.71 0.76 0.00	104.16 0.67 0.00	80.80 0.44 0.00	81.96 0.41 0.00	75.64 0.33 0.00	72.10 0.42 0.00	68.23 0.94 0.00	76.73 1.49 0.00
NEG NORTH___ALICE_FALLS 23915	78.08 0.17 0.00	83.65 0.88 0.00	94.12 1.84 0.00	113.77 2.25 0.00	102.86 1.86 0.00	76.48 1.22 0.00	82.29 1.65 0.00	76.57 1.58 0.00	111.71 2.81 0.00	88.92 2.54 0.00	77.58 2.19 0.00	87.09 2.26 0.00	102.79 2.45 0.00	92.68 2.48 0.00	121.50 3.54 0.00	88.24 2.72 0.00	95.38 2.43 0.00	106.13 2.63 0.00	82.31 1.96 0.00	83.39 1.84 0.00	76.89 1.58 0.00	73.17 1.49 0.00	69.11 1.83 0.00	77.65 2.41 0.00
NEG NORTH___LWR_SARANAC 23913	78.08 0.17 0.00	83.65 0.88 0.00	94.12 1.84 0.00	113.77 2.25 0.00	102.86 1.86 0.00	76.48 1.22 0.00	82.29 1.65 0.00	76.57 1.58 0.00	111.71 2.81 0.00	88.92 2.54 0.00	77.58 2.19 0.00	87.09 2.26 0.00	102.79 2.45 0.00	92.68 2.48 0.00	121.50 3.54 0.00	88.24 2.72 0.00	95.38 2.43 0.00	106.13 2.63 0.00	82.31 1.96 0.00	83.39 1.84 0.00	76.89 1.58 0.00	73.17 1.49 0.00	69.11 1.83 0.00	77.65 2.41 0.00
NEG NORTH___PLATTSBURG 23628	78.08 0.17 0.00	83.65 0.88 0.00	94.12 1.84 0.00	113.77 2.25 0.00	102.86 1.86 0.00	76.48 1.22 0.00	82.29 1.65 0.00	76.57 1.58 0.00	111.71 2.80 0.00	88.92 2.54 0.00	77.59 2.19 0.00	87.09 2.26 0.00	102.79 2.45 0.00	92.68 2.48 0.00	121.50 3.54 0.00	88.24 2.72 0.00	95.38 2.43 0.00	106.12 2.63 0.00	82.31 1.96 0.00	83.39 1.84 0.00	76.89 1.58 0.00	73.17 1.49 0.00	69.11 1.82 0.00	77.65 2.41 0.00
NEG WEST_LEA_LOCKPORT 23791	72.23 -5.67 0.00	77.10 -5.67 0.00	85.51 -6.77 0.00	103.03 -8.49 0.00	93.58 -7.42 0.00	69.92 -5.35 0.00	72.80 -7.84 0.00	66.27 -8.72 0.00	95.70 -13.21 0.00	76.62 -9.75 0.00	66.81 -8.58 0.00	74.43 -10.40 0.00	87.56 -12.78 0.00	78.78 -11.42 0.00	102.27 -15.69 0.00	74.99 -10.53 0.00	82.58 -10.36 0.00	91.80 -11.69 0.00	70.86 -9.50 0.00	71.27 -9.89 0.39	62.71 -8.85 3.75	57.23 -8.33 6.11	59.97 -7.32 0.00	67.78 -7.46 0.00
NEG WEST___LANCASTER 23811	75.13 -2.77 0.00	80.23 -2.54 0.00	88.99 -3.30 0.00	107.43 -4.08 0.00	97.54 -3.46 0.00	72.92 -2.34 0.00	76.18 -4.46 0.00	69.59 -5.40 0.00	100.54 -8.37 0.00	80.38 -6.00 0.00	70.29 -5.11 0.00	78.67 -6.16 0.00	92.85 -7.49 0.00	83.45 -6.75 0.00	108.60 -9.36 0.00	79.36 -6.16 0.00	87.30 -5.64 0.00	96.69 -6.80 0.00	74.51 -5.84 0.00	74.96 -6.21 0.38	65.97 -5.67 3.67	60.17 -5.53 5.97	62.92 -4.37 0.00	70.84 -4.40 0.00
NEG_PENN_ALLEGHNY 23528	78.07 0.14 -0.03	82.76 -0.01 0.00	91.83 -0.46 0.00	111.03 -0.49 0.00	100.68 -0.33 0.00	75.36 0.09 0.00	80.22 -0.43 0.00	74.45 -0.54 0.00	108.08 -0.83 0.00	85.86 -0.52 0.00	75.04 -0.35 0.00	84.37 -0.46 0.00	99.85 -0.49 0.00	89.84 -0.36 0.00	117.46 -0.50 0.00	85.46 -0.06 0.00	93.41 0.47 0.00	104.06 0.57 0.00	80.58 0.23 0.00	81.74 0.11 -0.08	76.05 -0.02 -0.76	72.68 -0.23 -1.23	66.80 -0.48 0.00	74.57 -0.67 0.00
NEG___GEN_MONROE 24207	75.20 -2.70 0.00	80.03 -2.74 0.00	88.85 -3.44 0.00	107.14 -4.38 0.00	97.22 -3.78 0.00	72.67 -2.60 0.00	76.61 -4.04 0.00	70.38 -4.61 0.00	101.93 -6.97 0.00	81.32 -5.06 0.00	70.89 -4.51 0.00	79.16 -5.67 0.00	93.26 -7.08 0.00	83.98 -6.22 0.00	109.48 -8.48 0.00	80.02 -5.51 0.00	87.94 -5.01 0.00	98.13 -5.37 0.00	75.93 -4.42 0.00	76.81 -4.66 0.08	70.28 -4.21 0.82	66.16 -3.62 1.39	63.66 -3.81 0.00	71.43 0.00 0.00

NEPA__ENERGY 23901	74.11 -3.79 0.00	79.01 -3.77 0.00	87.71 -4.57 0.00	105.83 -5.69 0.00	96.18 -4.82 0.00	71.94 -3.33 0.00	75.14 -5.50 0.00	68.59 -6.39 0.00	99.15 -9.76 0.00	79.32 -7.06 0.00	69.25 -6.15 0.00	77.22 -7.61 0.00	90.97 -9.37 0.00	81.77 -8.43 0.00	106.02 -11.93 0.00	77.49 -8.04 0.00	85.24 -7.71 0.00	94.32 -9.18 0.00	72.39 -7.97 0.00	72.57 -8.45 0.53	62.61 -7.61 5.09	55.86 -7.53 8.29	60.81 -6.48 0.00	68.65 -6.59 0.00
NEVERSink__HYD 23608	82.78 4.88 0.00	87.37 4.60 0.00	96.68 4.39 0.00	116.53 5.01 0.00	105.58 4.59 0.00	79.17 3.90 0.00	84.98 4.33 0.00	79.26 4.27 0.00	114.80 5.89 0.00	90.49 4.11 0.00	78.76 3.36 0.00	88.64 3.81 0.00	104.60 4.26 0.00	94.32 4.12 0.00	123.75 5.79 0.00	90.60 5.08 0.00	99.67 6.72 0.00	112.00 8.51 0.00	87.02 6.67 0.00	88.16 6.61 0.00	81.28 5.97 0.00	76.97 5.30 0.00	71.41 4.13 0.00	79.15 3.90 0.00
NEWKRMKL_115KV_TB1 55635	81.15 3.24 0.00	85.96 3.19 0.00	95.28 2.99 0.00	115.14 3.62 0.00	104.27 3.27 0.00	78.00 2.73 0.00	83.43 2.78 0.00	77.58 2.60 0.00	112.59 3.68 0.00	89.12 2.74 0.00	77.85 2.45 0.00	87.55 2.72 0.00	103.37 3.03 0.00	92.89 2.69 0.00	122.48 4.52 0.00	88.71 3.18 0.00	96.54 3.59 0.00	107.15 3.65 0.00	82.97 2.61 0.00	84.35 2.79 0.00	77.99 2.68 0.00	74.14 2.46 0.00	69.30 2.02 0.00	77.54 2.30 0.00
NEWTON__FALLS_HYD 23847	77.86 -0.05 0.00	83.06 0.30 0.00	93.33 1.05 0.00	112.79 1.27 0.00	102.16 1.15 0.00	75.68 0.42 0.00	80.94 0.29 0.00	74.91 -0.08 0.00	109.19 0.28 0.00	86.72 0.34 0.00	75.45 0.06 0.00	84.38 -0.45 0.00	99.67 -0.67 0.00	89.68 -0.52 0.00	117.81 -0.15 0.00	85.39 -0.13 0.00	92.55 -0.40 0.00	103.39 -0.10 0.00	80.32 -0.04 0.00	81.43 -0.12 0.00	74.92 -0.39 0.00	71.59 -0.09 0.00	67.61 0.32 0.00	76.12 0.88 0.00
NGRID_A1_DSASP 323792	70.81 -6.95 0.14	75.78 -6.99 0.00	84.08 -8.20 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.61 0.00	71.37 -9.28 0.00	64.88 -10.11 0.00	93.61 -15.30 0.00	75.01 -11.37 0.00	65.47 -9.92 0.00	72.86 -11.97 0.00	85.67 -14.67 0.00	77.00 -13.20 0.00	99.93 -18.03 0.00	73.37 -12.15 0.00	80.76 -12.18 0.00	89.68 -13.82 0.00	69.26 -11.10 0.00	69.65 -11.50 0.40	61.24 -10.27 3.80	55.78 -9.69 6.20	58.74 -8.54 0.00	66.58 -8.66 0.00
NGRID_A2_DSASP 323793	70.81 -6.95 0.14	75.78 -6.99 0.00	84.08 -8.20 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.61 0.00	71.37 -9.28 0.00	64.88 -10.11 0.00	93.61 -15.30 0.00	75.01 -11.37 0.00	65.47 -9.92 0.00	72.86 -11.97 0.00	85.67 -14.67 0.00	77.00 -13.20 0.00	99.93 -18.03 0.00	73.37 -12.15 0.00	80.76 -12.18 0.00	89.68 -13.82 0.00	69.26 -11.10 0.00	69.65 -11.50 0.40	61.24 -10.27 3.80	55.78 -9.69 6.20	58.74 -8.54 0.00	66.58 -8.66 0.00
NGRID_A4_DSASP 323807	70.81 -6.95 0.14	75.78 -6.99 0.00	84.08 -8.20 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.61 0.00	71.37 -9.28 0.00	64.88 -10.11 0.00	93.61 -15.30 0.00	75.01 -11.37 0.00	65.47 -9.92 0.00	72.86 -11.97 0.00	85.67 -14.67 0.00	77.00 -13.20 0.00	99.93 -18.03 0.00	73.37 -12.15 0.00	80.76 -12.18 0.00	89.68 -13.82 0.00	69.26 -11.10 0.00	69.65 -11.50 0.40	61.24 -10.27 3.80	55.78 -9.69 6.20	58.74 -8.54 0.00	66.58 -8.66 0.00
NIAGARA_115E_LBMP 323715	70.71 -7.05 0.14	75.64 -7.13 0.00	83.90 -8.38 0.00	101.04 -10.48 0.00	91.80 -9.20 0.00	68.57 -6.70 0.00	71.29 -9.35 0.00	64.84 -10.15 0.00	93.56 -15.35 0.00	74.96 -11.42 0.00	65.39 -10.00 0.00	72.78 -12.04 0.00	85.58 -14.76 0.00	76.96 -13.24 0.00	99.89 -18.06 0.00	73.32 -12.20 0.00	80.71 -12.23 0.00	89.68 -13.82 0.00	69.26 -11.10 0.00	69.71 -11.46 0.38	61.57 -10.06 3.69	56.49 -9.23 5.96	58.67 -8.61 0.00	66.48 -8.76 0.00
NIAGARA_115W_LBMP 323714	70.67 -7.08 0.14	75.64 -7.13 0.00	83.93 -8.35 0.00	101.04 -10.48 0.00	91.77 -9.23 0.00	68.55 -6.72 0.00	71.22 -9.43 0.00	64.76 -10.23 0.00	93.44 -15.46 0.00	74.87 -11.51 0.00	65.33 -10.07 0.00	72.73 -12.10 0.00	85.51 -14.83 0.00	76.86 -13.34 0.00	99.76 -18.20 0.00	73.23 -12.30 0.00	80.59 -12.36 0.00	89.50 -13.99 0.00	69.12 -11.23 0.00	69.53 -11.62 0.40	61.16 -10.37 3.77	55.73 -9.77 6.17	58.63 -8.66 0.00	66.46 -8.78 0.00
NIAGARA_230_LBMP 323716	71.39 -6.37 0.14	76.40 -6.38 0.00	84.77 -7.51 0.00	102.12 -9.40 0.00	92.72 -8.28 0.00	69.25 -6.02 0.00	72.14 -8.51 0.00	65.59 -9.40 0.00	94.67 -14.24 0.00	75.80 -10.58 0.00	66.14 -9.26 0.00	73.72 -11.11 0.00	86.79 -13.56 0.00	77.98 -12.22 0.00	101.28 -16.68 0.00	74.24 -11.29 0.00	81.64 -11.30 0.00	90.68 -12.81 0.00	70.03 -10.32 0.00	70.45 -10.72 0.38	62.07 -9.63 3.61	56.62 -9.14 5.92	59.33 -7.95 0.00	67.18 -8.06 0.00
NIAGARA__115KV_198_GIBSON 55903	70.82 -7.08 0.00	75.64 -7.13 0.00	83.92 -8.36 0.00	101.04 -10.48 0.00	91.77 -9.23 0.00	68.53 -6.73 0.00	71.21 -9.43 0.00	64.76 -10.23 0.00	93.44 -15.46 0.00	74.87 -11.51 0.00	65.33 -10.07 0.00	72.72 -12.11 0.00	85.53 -14.81 0.00	76.86 -13.34 0.00	99.74 -18.22 0.00	73.23 -12.30 0.00	80.58 -12.36 0.00	89.50 -14.00 0.00	69.12 -11.24 0.00	69.53 -11.63 0.40	61.17 -10.37 3.77	55.77 -9.74 6.17	58.73 -8.55 0.00	66.46 -8.78 0.00
NIAGARA____ 23760	71.39 -6.37 0.14	76.40 -6.38 0.00	84.77 -7.51 0.00	102.12 -9.40 0.00	92.72 -8.28 0.00	69.25 -6.02 0.00	72.14 -8.51 0.00	65.59 -9.40 0.00	94.67 -14.24 0.00	75.80 -10.58 0.00	66.14 -9.26 0.00	73.72 -11.11 0.00	86.79 -13.56 0.00	77.98 -12.22 0.00	101.28 -16.68 0.00	74.24 -11.29 0.00	81.64 -11.30 0.00	90.68 -12.81 0.00	70.03 -10.32 0.00	70.45 -10.72 0.38	62.04 -9.63 3.64	56.59 -9.14 5.95	59.33 -7.95 0.00	67.18 -8.06 0.00
NINE_MILE_1 23575	74.89 -3.01 0.00	79.55 -3.22 0.00	88.51 -3.77 0.00	106.92 -4.60 0.00	96.86 -4.14 0.00	72.30 -2.97 0.00	77.23 -3.42 0.00	71.71 -3.28 0.00	104.10 -4.81 0.00	82.65 -3.73 0.00	72.15 -3.24 0.00	81.12 -3.71 0.00	95.90 -4.44 0.00	86.23 -3.98 0.00	112.70 -5.25 0.00	81.86 -3.66 0.00	89.24 -3.70 0.00	99.51 -3.99 0.00	77.19 -3.17 0.00	78.29 -3.26 0.00	72.26 -3.05 0.00	68.68 -3.00 0.00	64.39 -2.90 0.00	71.96 -3.28 0.00
NINE_MILE_2 23744	74.89 -3.01 0.00	79.55 -3.22 0.00	88.51 -3.77 0.00	106.92 -4.60 0.00	96.86 -4.14 0.00	72.30 -2.97 0.00	77.23 -3.42 0.00	71.71 -3.28 0.00	104.10 -4.81 0.00	82.65 -3.73 0.00	72.15 -3.24 0.00	81.12 -3.71 0.00	95.90 -4.44 0.00	86.23 -3.98 0.00	112.72 -5.24 0.00	81.86 -3.66 0.00	89.24 -3.70 0.00	99.51 -3.99 0.00	77.19 -3.17 0.00	78.29 -3.26 0.00	72.26 -3.05 0.00	68.68 -3.00 0.00	64.39 -2.90 0.00	71.96 -3.28 0.00
NM_CAPITAL__DRP 24208	81.14 3.24 0.00	85.97 3.20 0.00	95.28 2.99 0.00	115.16 3.65 0.00	104.30 3.29 0.00	78.00 2.73 0.00	83.45 2.81 0.00	77.57 2.58 0.00	112.55 3.65 0.00	89.11 2.73 0.00	77.86 2.46 0.00	87.58 2.75 0.00	103.40 3.05 0.00	92.93 2.73 0.00	122.29 4.33 0.00	88.67 3.15 0.00	96.53 3.58 0.00	107.27 3.78 0.00	83.13 2.77 0.00	84.49 2.94 0.00	78.14 2.83 0.00	74.29 2.61 0.00	69.41 2.13 0.00	77.61 2.37 0.00

NM_CENTRAL___DRP 24181	76.66 -1.24 0.00	81.38 -1.39 0.00	90.38 -1.90 0.00	109.22 -2.30 0.00	98.96 -2.04 0.00	73.98 -1.29 0.00	78.92 -1.73 0.00	73.27 -1.72 0.00	106.35 -2.55 0.00	84.46 -1.92 0.00	73.77 -1.62 0.00	82.92 -1.91 0.00	98.04 -2.30 0.00	88.18 -2.02 0.00	115.26 -2.70 0.00	83.78 -1.75 0.00	91.51 -1.44 0.00	102.06 -1.44 0.00	79.16 -1.20 0.00	80.19 -1.36 0.00	73.95 -1.36 0.00	70.18 -1.49 0.00	65.69 -1.60 0.00	73.36 -1.88 0.00
NM_FRONTIER___DRP 24179	70.82 -7.08 0.00	75.64 -7.13 0.00	83.92 -8.36 0.00	101.04 -10.48 0.00	91.77 -9.23 0.00	68.53 -6.73 0.00	71.21 -9.43 0.00	64.76 -10.23 0.00	93.44 -15.46 0.00	74.87 -11.51 0.00	65.33 -10.07 0.00	72.72 -12.11 0.00	85.53 -14.81 0.00	76.86 -13.34 0.00	99.74 -18.22 0.00	73.23 -12.30 0.00	80.58 -12.36 0.00	89.50 -14.00 0.00	69.12 -11.24 0.00	69.53 -11.63 0.40	61.17 -10.37 3.77	55.77 -9.74 6.17	58.73 -8.55 0.00	66.46 -8.78 0.00
NM_ST_REGIS___HYD 24053	77.97 0.06 0.00	83.35 0.59 0.00	93.90 1.62 0.00	113.40 1.88 0.00	102.54 1.54 0.00	75.65 0.39 0.00	81.01 0.37 0.00	74.98 -0.01 0.00	109.38 0.47 0.00	87.02 0.64 0.00	75.73 0.34 0.00	84.97 0.14 0.00	100.76 0.42 0.00	90.76 0.56 0.00	118.93 0.97 0.00	85.91 0.39 0.00	92.09 -0.85 0.00	102.47 -1.02 0.00	79.57 -0.79 0.00	80.77 -0.79 0.00	74.51 -0.80 0.00	71.56 -0.11 0.00	68.14 0.85 0.00	76.89 1.65 0.00
NORTHPORT___1 23551	84.55 6.65 0.00	89.38 6.61 0.00	98.46 6.17 0.00	118.49 6.97 0.00	106.94 5.94 0.00	80.83 5.56 0.00	86.69 6.05 0.00	80.93 5.94 0.00	116.90 8.00 0.00	92.07 5.69 0.00	79.99 4.59 0.00	90.87 6.03 0.00	107.20 6.85 0.00	97.05 6.85 0.00	126.15 8.19 0.00	141.87 7.28 -49.06	108.75 9.18 -6.62	122.63 11.19 -7.95	113.52 9.06 -24.10	111.78 9.01 -21.22	113.53 8.11 -30.11	90.76 7.41 -11.68	73.42 6.13 0.00	81.29 6.05 0.00
NORTHPORT___2 23552	84.55 6.65 0.00	89.38 6.61 0.00	98.46 6.17 0.00	118.49 6.97 0.00	106.94 5.94 0.00	80.83 5.56 0.00	86.69 6.05 0.00	80.93 5.94 0.00	116.90 8.00 0.00	92.07 5.69 0.00	79.99 4.59 0.00	90.87 6.03 0.00	107.20 6.85 0.00	97.05 6.85 0.00	126.15 8.19 0.00	141.87 7.28 -49.06	108.75 9.18 -6.62	122.63 11.19 -7.95	113.52 9.06 -24.10	111.78 9.01 -21.22	113.53 8.11 -30.11	90.76 7.41 -11.68	73.42 6.13 0.00	81.29 6.05 0.00
NORTHPORT___3 23553	84.47 6.57 0.00	89.31 6.54 0.00	98.37 6.09 0.00	118.32 6.80 0.00	106.89 5.89 0.00	80.61 5.34 0.00	86.38 5.74 0.00	80.59 5.59 0.00	116.44 7.53 0.00	91.84 5.46 0.00	79.88 4.48 0.00	90.68 5.85 0.00	106.99 6.65 0.00	96.83 6.63 0.00	125.66 7.70 0.00	141.75 7.16 -49.06	108.68 9.12 -6.62	122.24 10.80 -7.95	113.36 8.90 -24.10	111.62 8.85 -21.22	113.36 7.94 -30.11	90.68 7.33 -11.68	73.29 6.00 0.00	81.17 5.93 0.00
NORTHPORT___4 23650	84.47 6.57 0.00	89.31 6.54 0.00	98.37 6.09 0.00	118.32 6.80 0.00	106.89 5.89 0.00	80.61 5.34 0.00	86.38 5.74 0.00	80.59 5.59 0.00	116.44 7.53 0.00	91.84 5.46 0.00	79.88 4.48 0.00	90.68 5.85 0.00	106.99 6.65 0.00	96.83 6.63 0.00	125.66 7.70 0.00	141.75 7.16 -49.06	108.68 9.12 -6.62	122.24 10.80 -7.95	113.36 8.90 -24.10	111.62 8.85 -21.22	113.36 7.94 -30.11	90.68 7.33 -11.68	73.29 6.00 0.00	81.17 5.93 0.00
NORTHPORT___IC 23718	84.55 6.65 0.00	89.38 6.61 0.00	98.46 6.18 0.00	118.48 6.96 0.00	106.94 5.94 0.00	80.82 5.55 0.00	86.69 6.05 0.00	80.93 5.94 0.00	116.91 8.00 0.00	92.07 5.69 0.00	80.00 4.60 0.00	90.87 6.03 0.00	107.20 6.86 0.00	97.05 6.85 0.00	126.15 8.19 0.00	141.88 7.29 -49.06	108.76 9.20 -6.62	122.63 11.19 -7.95	113.52 9.06 -24.10	111.78 9.01 -21.22	113.51 8.09 -30.11	90.76 7.41 -11.68	73.42 6.14 0.00	81.29 6.05 0.00
NORTH___COUNTRY_ESR 323785	76.89 -1.02 0.00	82.44 -0.33 0.00	92.90 0.62 0.00	112.27 0.75 0.00	101.45 0.44 0.00	75.18 -0.09 0.00	80.91 0.27 0.00	75.34 0.35 0.00	109.95 1.04 0.00	87.57 1.19 0.00	76.34 0.94 0.00	85.80 0.97 0.00	101.58 1.24 0.00	91.52 1.32 0.00	119.94 1.98 0.00	86.71 1.18 0.00	93.35 0.41 0.00	103.69 0.20 0.00	80.45 0.09 0.00	81.61 0.06 0.00	75.34 0.03 0.00	71.85 0.18 0.00	68.02 0.74 0.00	76.48 1.24 0.00
NPX_GEN_1385_PROXY 323591	84.90 6.99 0.00	89.73 6.96 0.00	98.89 6.60 0.00	119.30 7.78 0.00	107.58 6.57 0.00	81.96 6.70 0.00	88.10 7.45 0.00	122.10 8.03 -39.08	162.80 11.02 -42.87	94.12 7.74 0.00	81.26 5.86 0.00	92.50 7.67 0.00	109.19 8.84 0.00	98.95 8.75 0.00	128.41 10.45 0.00	143.25 8.66 -49.06	108.08 8.52 -6.62	123.29 11.85 -7.95	113.82 9.36 -24.10	111.83 9.05 -21.22	113.49 8.07 -30.11	90.45 7.43 -11.35	75.36 6.52 -1.55	81.90 6.65 0.00
NPX_GEN_CSC 323557	85.72 7.82 0.00	90.44 7.67 0.00	99.34 7.06 0.00	119.76 8.24 0.00	107.36 6.35 0.00	81.75 6.48 0.00	87.70 7.06 0.00	81.76 6.76 0.00	118.01 9.10 0.00	92.66 6.28 0.00	80.35 4.95 0.00	91.37 6.53 0.00	107.85 7.51 0.00	97.85 7.65 0.00	127.69 9.73 0.00	143.48 8.89 -49.06	111.15 11.59 -6.62	125.53 14.09 -7.95	115.84 11.38 -24.10	114.10 11.33 -21.22	115.61 10.20 -30.11	92.28 9.26 -11.35	76.36 7.53 -1.55	82.81 7.57 0.00
NSINS_S___GLNS_FALLS 23858	83.15 5.25 0.00	88.22 5.45 0.00	97.67 5.39 0.00	118.22 6.70 0.00	107.03 6.02 0.00	80.17 4.90 0.00	85.97 5.32 0.00	80.15 5.16 0.00	116.36 7.46 0.00	92.10 5.71 0.00	80.30 4.90 0.00	90.13 5.30 0.00	106.33 5.98 0.00	95.39 5.19 0.00	124.86 6.90 0.00	91.04 5.51 0.00	100.07 7.13 0.00	112.30 8.81 0.00	87.24 6.88 0.00	88.26 6.71 0.00	81.35 6.04 0.00	77.08 5.41 0.00	71.90 4.61 0.00	79.84 4.60 0.00
NUCOR_STEEL___DRP 24197	78.25 0.34 0.00	83.05 0.28 0.00	92.18 -0.10 0.00	111.46 -0.06 0.00	101.05 0.04 0.00	75.49 0.22 0.00	80.47 -0.18 0.00	74.65 -0.34 0.00	108.46 -0.45 0.00	85.88 -0.50 0.00	75.14 -0.25 0.00	84.37 -0.46 0.00	99.71 -0.63 0.00	89.66 -0.54 0.00	116.75 -1.21 0.00	85.29 -0.24 0.00	92.99 0.05 0.00	103.75 0.26 0.00	80.46 0.10 0.00	81.55 0.00 0.00	75.49 -0.08 -0.25	72.59 -0.12 -1.04	67.22 -0.06 0.00	74.78 -0.47 0.00
NUMBER_THREE_WT_PWR 323818	78.81 0.91 0.00	83.94 1.17 0.00	94.17 1.89 0.00	113.92 2.40 0.00	103.28 2.27 0.00	77.02 1.75 0.00	82.50 1.86 0.00	76.64 1.65 0.00	111.67 2.76 0.00	88.62 2.24 0.00	77.14 1.74 0.00	86.11 1.28 0.00	101.46 1.12 0.00	91.09 0.89 0.00	119.90 1.95 0.00	87.11 1.59 0.00	95.40 2.46 0.00	106.80 3.31 0.00	82.95 2.60 0.00	83.99 2.44 0.00	77.13 1.82 0.00	73.20 1.53 0.00	68.31 1.03 0.00	76.61 1.37 0.00
NYISO_LBMP_REFERENCE 24008	77.90 0.00 0.00	82.77 0.00 0.00	92.28 0.00 0.00	111.52 0.00 0.00	101.00 0.00 0.00	75.27 0.00 0.00	80.65 0.00 0.00	74.99 0.00 0.00	108.91 0.00 0.00	86.38 0.00 0.00	75.40 0.00 0.00	84.83 0.00 0.00	100.34 0.00 0.00	90.20 0.00 0.00	117.96 0.00 0.00	85.52 0.00 0.00	92.94 0.00 0.00	103.49 0.00 0.00	80.35 0.00 0.00	81.55 0.00 0.00	75.31 0.00 0.00	71.67 0.00 0.00	67.28 0.00 0.00	75.24 0.00 0.00

NYPA_BRENTWD____GT 24164	85.54	90.32	99.47	119.68	108.00	81.62	87.53	81.65	117.97	92.85	80.64	91.52	107.98	97.76	127.28	142.74	110.11	123.83	114.52	112.99	114.68	91.77	74.25	82.17
	7.64	7.55	7.18	8.16	7.00	6.35	6.88	6.66	9.06	6.47	5.24	6.69	7.63	7.56	9.32	8.16	10.55	12.39	10.06	10.22	9.26	8.42	6.97	6.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-49.06	-6.62	-7.95	-24.10	-21.22	-30.11	-11.68	0.00	0.00
NYPA_GOWANUS____GT5 24156	85.48	88.37	97.53	117.35	106.35	79.78	85.79	82.78	116.26	95.15	79.92	90.02	106.21	95.73	124.96	91.66	101.26	137.29	124.40	125.55	120.28	94.23	79.82	80.27
	5.98	5.60	5.25	5.83	5.34	4.52	5.15	4.94	6.93	5.24	4.53	5.19	5.86	5.53	7.00	6.14	7.89	9.98	7.95	7.96	7.31	6.57	5.25	5.03
	-1.60	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-0.42	-3.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-23.81	-36.09	-36.04	-37.66	-15.98	-7.29	0.00
NYPA_GOWANUS____GT6 24157	85.48	88.37	97.53	117.35	106.35	79.78	85.79	82.78	116.26	95.15	79.92	90.02	106.21	95.73	124.96	91.66	101.26	137.29	124.40	125.55	120.28	94.23	79.82	80.27
	5.98	5.60	5.25	5.83	5.34	4.52	5.15	4.94	6.93	5.24	4.53	5.19	5.86	5.53	7.00	6.14	7.89	9.98	7.95	7.96	7.31	6.57	5.25	5.03
	-1.60	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-0.42	-3.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-23.81	-36.09	-36.04	-37.66	-15.98	-7.29	0.00
NYPA_HARLEM__RVR__GT1 24160	83.20	87.82	96.93	116.57	105.67	79.26	85.18	79.33	114.95	90.87	79.37	89.38	105.48	95.06	124.11	91.03	99.98	112.22	87.32	88.58	81.71	77.44	71.79	79.65
	5.30	5.05	4.65	5.05	4.67	4.00	4.53	4.34	6.04	4.48	3.98	4.55	5.13	4.86	6.15	5.51	7.04	8.73	6.97	7.03	6.40	5.76	4.50	4.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	83.20	87.82	96.93	116.57	105.67	79.26	85.18	79.33	114.95	90.87	79.37	89.38	105.48	95.06	124.11	91.03	99.98	112.22	87.32	88.58	81.71	77.44	71.79	79.65
	5.30	5.05	4.65	5.05	4.67	4.00	4.53	4.34	6.04	4.48	3.98	4.55	5.13	4.86	6.15	5.51	7.04	8.73	6.97	7.03	6.40	5.76	4.50	4.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
NYPA_KENT____GT 24152	84.74	88.27	97.44	117.25	106.24	79.71	85.68	81.54	115.94	93.57	79.85	89.94	106.03	95.55	124.76	91.48	100.86	127.49	109.80	110.96	105.08	87.65	76.71	80.11
	5.87	5.50	5.15	5.73	5.23	4.44	5.03	4.83	6.78	5.06	4.46	5.11	5.68	5.35	6.80	5.96	7.66	9.64	7.66	7.66	7.04	6.34	5.03	4.87
	-0.96	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	-0.26	-2.13	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	-14.37	-21.77	-21.74	-22.73	-9.64	-4.40	0.00
NYPA_POUCH1____GT 24155	85.23	88.10	97.22	116.97	105.98	79.56	85.57	82.59	115.94	94.91	79.62	89.67	105.75	95.34	124.48	91.34	100.91	137.01	124.27	125.47	120.21	94.15	79.73	80.14
	5.73	5.33	4.93	5.45	4.98	4.29	4.92	4.76	6.60	5.01	4.22	4.84	5.41	5.14	6.52	5.82	7.53	9.71	7.83	7.88	7.23	6.49	5.16	4.90
	-1.60	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-0.42	-3.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-23.81	-36.09	-36.04	-37.66	-15.98	-7.29	0.00
NYPA_VERNON____GT2 24162	83.97	88.18	97.34	117.16	106.16	79.63	85.57	80.29	115.59	92.01	79.78	89.85	106.00	95.50	124.66	91.40	100.59	117.81	95.26	96.44	89.96	81.13	73.66	79.96
	5.74	5.41	5.06	5.64	5.15	4.36	4.93	4.71	6.60	4.90	4.38	5.02	5.66	5.30	6.71	5.87	7.56	9.39	7.44	7.44	6.86	6.15	4.87	4.72
	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-0.09	-0.73	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-4.92	-7.46	-7.45	-7.79	-3.31	-1.51	0.00
NYPA_VERNON____GT3 24163	83.97	88.18	97.34	117.16	106.16	79.63	85.57	80.29	115.59	92.01	79.78	89.85	106.00	95.50	124.66	91.40	100.59	117.81	95.26	96.44	89.96	81.13	73.66	79.96
	5.74	5.41	5.06	5.64	5.15	4.36	4.93	4.71	6.60	4.90	4.38	5.02	5.66	5.30	6.71	5.87	7.56	9.39	7.44	7.44	6.86	6.15	4.87	4.72
	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	-0.59	-0.09	-0.73	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-4.92	-7.46	-7.45	-7.79	-3.31	-1.51	0.00
NYPA__ASTORIA_CC1 323568	83.55	88.10	97.25	117.00	106.04	79.56	85.48	79.61	115.37	91.19	79.70	89.74	105.89	95.41	124.56	91.32	100.41	112.78	87.72	88.92	82.10	77.75	72.07	79.86
	5.65	5.33	4.96	5.48	5.03	4.29	4.84	4.62	6.47	4.81	4.31	4.91	5.54	5.21	6.60	5.79	7.47	9.29	7.36	7.37	6.78	6.08	4.79	4.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	83.55	88.10	97.25	117.00	106.04	79.56	85.48	79.61	115.37	91.19	79.70	89.74	105.89	95.41	124.56	91.32	100.41	112.78	87.72	88.92	82.10	77.75	72.07	79.86
	5.65	5.33	4.96	5.48	5.03	4.29	4.84	4.62	6.47	4.81	4.31	4.91	5.54	5.21	6.60	5.79	7.47	9.29	7.36	7.37	6.78	6.08	4.79	4.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	85.12	89.87	98.93	119.08	107.35	81.23	87.11	81.22	117.30	92.30	80.11	90.99	107.36	97.26	126.66	142.49	109.76	123.79	114.46	112.71	114.38	91.53	73.98	81.88
	7.22	7.10	6.65	7.56	6.35	5.96	6.46	6.23	8.39	5.92	4.72	6.16	7.02	7.06	8.70	7.91	10.20	12.35	10.00	9.94	8.96	8.18	6.70	6.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-49.06	-6.62	-7.95	-24.10	-21.22	-30.11	-11.68	0.00	0.00
NYPA__HELLGATE_GT1 24158	83.20	87.82	96.93	116.57	105.67	79.26	85.18	79.33	114.95	90.87	79.37	89.38	105.48	95.06	124.11	91.03	100.04	112.23	87.32	88.57	81.71	77.44	71.79	79.65
	5.30	5.05	4.65	5.05	4.67	4.00	4.53	4.34	6.04	4.48	3.98	4.55	5.13	4.86	6.15	5.51	7.10	8.73	6.97	7.01	6.40	5.76	4.50	4.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
NYPA__HELLGATE_GT2 24159	83.20	87.82	96.93	116.57	105.67	79.26	85.18	79.33	114.95	90.87	79.37	89.38	105.48	95.06	124.11	91.03	100.04	112.23	87.32	88.57	81.71	77.44	71.79	79.65
	5.30	5.05	4.65	5.05	4.67	4.00	4.53	4.34	6.04	4.48	3.98	4.55	5.13	4.86	6.15	5.51	7.10	8.73	6.97	7.01	6.40	5.76	4.50	4.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
NYS_BARGE__HYD 23848	72.16	77.12	85.52	103.02	93.59	69.92	72.82	66.32	95.74	76.67	66.85	74.47	87.58	78.78	102.30	75.04	82.63	91.92	70.95	71.44	63.23	57.99	59.94	67.82
	-5.61	-5.65	-6.76	-8.50	-7.42	-5.35	-7.83	-8.67	-13.17	-9.71	-8.55	-10.36	-12.76	-11.42	-15.66	-10.48	-10.31	-11.57	-9.40	-9.75	-8.60	-8.02	-7.34	-7.42
	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	3.48	5.66	0.00	0.00

OAK ORCHARD___HYD 24046	74.73 -3.10 0.07	79.63 -3.14 0.00	88.42 -3.86 0.00	106.67 -4.85 0.00	96.73 -4.28 0.00	72.31 -2.96 0.00	76.31 -4.34 0.00	70.19 -4.80 0.00	101.65 -7.25 0.00	81.08 -5.30 0.00	70.75 -4.64 0.00	79.19 -5.64 0.00	93.39 -6.95 0.00	83.96 -6.24 0.00	109.46 -8.50 0.00	79.91 -5.61 0.00	87.70 -5.24 0.00	97.76 -5.73 0.00	75.64 -4.72 0.00	76.56 -4.93 0.07	70.16 -4.45 0.70	66.12 -4.36 1.20	63.39 -3.90 0.00	71.19 -4.05 0.00
OAKDALE___35_KV_LOAD 356122	77.85 -0.05 0.00	82.57 -0.19 0.00	91.65 -0.63 0.00	110.80 -0.72 0.00	100.47 -0.53 0.00	75.18 -0.08 0.00	80.05 -0.60 0.00	74.28 -0.71 0.00	107.76 -1.14 0.00	85.60 -0.78 0.00	74.85 -0.55 0.00	84.14 -0.68 0.00	99.59 -0.75 0.00	89.61 -0.59 0.00	117.14 -0.82 0.00	85.20 -0.33 0.00	93.08 0.14 0.00	103.68 0.18 0.00	80.32 -0.04 0.00	81.50 -0.13 -0.08	75.86 -0.26 -0.80	72.54 -0.44 -1.31	66.66 -0.62 0.00	74.40 -0.84 0.00
OCC_CHEM___DRP 24175	70.97 -6.94 0.00	75.78 -6.99 0.00	84.07 -8.21 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.60 0.00	71.36 -9.29 0.00	64.87 -10.12 0.00	93.60 -15.31 0.00	75.00 -11.38 0.00	65.46 -9.93 0.00	72.85 -11.97 0.00	85.67 -14.67 0.00	76.98 -13.22 0.00	99.91 -18.05 0.00	73.35 -12.17 0.00	80.73 -12.21 0.00	89.67 -13.83 0.00	69.23 -11.12 0.00	69.65 -11.50 0.40	61.27 -10.24 3.80	55.82 -9.65 6.20	58.84 -8.44 0.00	66.58 -8.67 0.00
OH_GEN_PROXY 24063	71.48 -6.27 0.16	76.50 -6.26 0.00	84.89 -7.39 0.00	102.32 -9.20 0.00	92.87 -8.14 0.00	69.37 -5.90 0.00	72.34 -8.31 0.00	65.83 -9.16 0.00	95.06 -13.85 0.00	76.08 -10.30 0.00	66.40 -9.00 0.00	74.04 -10.78 0.00	87.20 -13.15 0.00	78.35 -11.85 0.00	101.81 -16.15 0.00	74.59 -10.94 0.00	82.00 -10.95 0.00	91.08 -12.41 0.00	70.31 -10.04 0.00	70.79 -10.42 0.34	62.71 -9.35 3.25	57.12 -8.89 5.66	61.08 -7.76 -1.55	67.37 -7.87 0.00
OLIN_CORP_DRP 24177	70.98 -6.93 0.00	75.80 -6.97 0.00	84.07 -8.21 0.00	101.26 -10.26 0.00	91.98 -9.02 0.00	68.70 -6.57 0.00	71.44 -9.20 0.00	65.00 -9.99 0.00	93.80 -15.11 0.00	75.14 -11.24 0.00	65.54 -9.85 0.00	72.95 -11.87 0.00	85.81 -14.53 0.00	77.16 -13.04 0.00	100.13 -17.83 0.00	73.47 -12.05 0.00	80.87 -12.07 0.00	89.88 -13.62 0.00	69.41 -10.95 0.00	69.82 -11.35 0.39	61.46 -10.08 3.77	56.17 -9.40 6.10	58.89 -8.40 0.00	66.61 -8.63 0.00
OLIN_CORP_DSASP 323712	70.81 -6.95 0.14	75.78 -6.99 0.00	84.08 -8.20 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.61 0.00	71.37 -9.28 0.00	64.88 -10.11 0.00	93.61 -15.30 0.00	75.01 -11.37 0.00	65.47 -9.92 0.00	72.86 -11.97 0.00	85.67 -14.67 0.00	77.00 -13.20 0.00	99.93 -18.03 0.00	73.37 -12.15 0.00	80.76 -12.18 0.00	89.68 -13.82 0.00	69.26 -11.10 0.00	69.65 -11.50 0.40	61.24 -10.27 3.80	55.78 -9.69 6.20	58.74 -8.54 0.00	66.58 -8.66 0.00
ONEIDA_HERK_LFGE 323681	79.71 1.81 0.00	84.74 1.97 0.00	94.53 2.25 0.00	114.29 2.77 0.00	103.59 2.59 0.00	77.36 2.09 0.00	82.85 2.20 0.00	77.03 2.04 0.00	112.08 3.17 0.00	88.94 2.56 0.00	77.56 2.17 0.00	86.97 2.14 0.00	102.66 2.32 0.00	92.25 2.05 0.00	120.98 3.02 0.00	87.88 2.36 0.00	96.04 3.09 0.00	107.21 3.72 0.00	83.29 2.93 0.00	84.40 2.85 0.00	77.64 2.33 0.00	73.65 1.98 0.00	68.81 1.52 0.00	76.91 1.67 0.00
ONEIDA___115KV_TB4 55905	80.06 2.16 0.00	85.12 2.35 0.00	94.66 2.38 0.00	114.41 2.89 0.00	103.74 2.74 0.00	77.55 2.28 0.00	83.00 2.36 0.00	77.20 2.21 0.00	112.20 3.29 0.00	89.09 2.71 0.00	77.76 2.37 0.00	87.41 2.58 0.00	103.25 2.91 0.00	92.87 2.67 0.00	121.63 3.67 0.00	88.38 2.86 0.00	96.53 3.59 0.00	107.37 3.88 0.00	83.41 3.05 0.00	84.45 2.90 0.00	77.74 2.43 0.00	73.66 1.99 0.00	68.84 1.55 0.00	76.80 1.56 0.00
ONONDAGA_REF_OCCRA 23987	77.36 -0.54 0.00	82.11 -0.66 0.00	91.16 -1.12 0.00	110.18 -1.34 0.00	99.85 -1.15 0.00	74.65 -0.62 0.00	79.64 -1.00 0.00	73.95 -1.04 0.00	107.38 -1.53 0.00	85.28 -1.10 0.00	74.50 -0.90 0.00	83.74 -1.09 0.00	99.02 -1.32 0.00	89.05 -1.15 0.00	116.41 -1.55 0.00	84.62 -0.91 0.00	92.47 -0.48 0.00	103.11 -0.38 0.00	79.98 -0.38 0.00	81.02 -0.54 0.00	74.68 -0.63 0.00	70.86 -0.81 0.00	66.32 -0.97 0.00	74.03 -1.22 0.00
ONONDAGA___COGEN 23986	77.40 -0.50 0.00	82.14 -0.62 0.00	91.22 -1.06 0.00	110.24 -1.29 0.00	99.92 -1.08 0.00	74.70 -0.57 0.00	79.64 -1.01 0.00	73.93 -1.06 0.00	107.37 -1.54 0.00	85.23 -1.15 0.00	74.47 -0.93 0.00	83.74 -1.10 0.00	99.01 -1.33 0.00	89.03 -1.17 0.00	116.33 -1.63 0.00	84.61 -0.91 0.00	92.39 -0.55 0.00	103.01 -0.48 0.00	79.90 -0.46 0.00	80.94 -0.62 0.00	74.63 -0.68 0.00	70.83 -0.85 0.00	66.32 -0.97 0.00	74.01 -1.23 0.00
ONTARIO___LFGE 23819	76.92 -0.99 0.00	81.56 -1.21 0.00	90.13 -2.15 0.00	108.76 -2.76 0.00	98.72 -2.28 0.00	74.16 -1.11 0.00	78.77 -1.87 0.00	73.03 -1.95 0.00	105.74 -3.17 0.00	84.25 -2.13 0.00	73.52 -1.87 0.00	82.11 -2.72 0.00	96.44 -3.90 0.00	86.79 -3.41 0.00	114.00 -3.96 0.00	83.32 -2.21 0.00	91.16 -1.78 0.00	101.45 -2.04 0.00	78.51 -1.85 0.00	80.89 -1.29 -0.62	80.73 -0.51 -5.93	79.92 -1.41 -9.66	65.91 -1.38 0.00	73.15 -2.09 0.00
ORANGEVILLE_WT_PWR 323706	73.89 -3.98 0.03	78.68 -4.09 0.00	87.15 -5.14 0.00	105.42 -6.10 0.00	95.77 -5.23 0.00	71.64 -3.63 0.00	75.10 -5.54 0.00	68.85 -6.14 0.00	99.54 -9.37 0.00	79.41 -6.97 0.00	69.11 -6.29 0.00	77.34 -7.49 0.00	91.28 -9.06 0.00	82.30 -7.90 0.00	107.33 -10.63 0.00	78.40 -7.13 0.00	86.21 -6.74 0.00	95.63 -7.86 0.00	73.59 -6.77 0.00	72.51 -7.40 1.65	52.79 -6.89 15.62	39.40 -6.90 25.38	60.96 -6.33 0.00	68.56 -6.68 0.00
ORANGEVILLE___ESR 323794	73.89 -3.98 0.03	78.68 -4.09 0.00	87.15 -5.14 0.00	105.42 -6.10 0.00	95.77 -5.23 0.00	71.64 -3.63 0.00	75.10 -5.54 0.00	68.85 -6.14 0.00	99.54 -9.37 0.00	79.41 -6.97 0.00	69.11 -6.29 0.00	77.34 -7.49 0.00	91.28 -9.06 0.00	82.30 -7.90 0.00	107.33 -10.63 0.00	78.40 -7.13 0.00	86.21 -6.74 0.00	95.63 -7.86 0.00	73.59 -6.77 0.00	72.51 -7.40 1.65	52.79 -6.89 15.62	39.40 -6.90 25.38	60.96 -6.33 0.00	68.56 -6.68 0.00
OSWEGATCHIE___HYD 24044	77.86 -0.05 0.00	83.07 0.30 0.00	93.33 1.04 0.00	112.80 1.28 0.00	102.16 1.16 0.00	75.69 0.42 0.00	80.94 0.29 0.00	74.91 -0.08 0.00	109.19 0.29 0.00	86.72 0.34 0.00	75.45 0.06 0.00	84.38 -0.45 0.00	99.67 -0.67 0.00	89.68 -0.52 0.00	117.81 -0.15 0.00	85.39 -0.13 0.00	92.55 -0.39 0.00	103.39 -0.10 0.00	80.32 -0.04 0.00	81.43 -0.12 0.00	74.92 -0.39 0.00	71.59 -0.09 0.00	67.61 0.32 0.00	76.12 0.88 0.00
OSWEGO___5 23606	75.31 -2.59 0.00	80.02 -2.75 0.00	89.00 -3.28 0.00	107.54 -3.99 0.00	97.42 -3.58 0.00	72.73 -2.53 0.00	77.70 -2.95 0.00	72.15 -2.84 0.00	104.74 -4.17 0.00	83.13 -3.25 0.00	72.58 -2.82 0.00	81.58 -3.25 0.00	96.44 -3.90 0.00	86.73 -3.47 0.00	113.37 -4.59 0.00	82.34 -3.19 0.00	89.78 -3.16 0.00	100.08 -3.41 0.00	77.66 -2.70 0.00	78.78 -2.78 0.00	72.69 -2.62 0.00	69.08 -2.59 0.00	64.75 -2.53 0.00	72.38 -2.87 0.00

OSWEGO___6 23613	75.31 -2.59 0.00	80.02 -2.75 0.00	89.00 -3.28 0.00	107.54 -3.99 0.00	97.42 -3.58 0.00	72.73 -2.53 0.00	77.70 -2.95 0.00	72.15 -2.84 0.00	104.74 -4.17 0.00	83.13 -3.25 0.00	72.58 -2.82 0.00	81.58 -3.25 0.00	96.44 -3.90 0.00	86.73 -3.47 0.00	113.37 -4.59 0.00	82.34 -3.19 0.00	89.78 -3.16 0.00	100.08 -3.41 0.00	77.66 -2.70 0.00	78.78 -2.78 0.00	72.69 -2.62 0.00	69.08 -2.59 0.00	64.75 -2.53 0.00	72.38 -2.87 0.00
OUTOKUMPU-AB___DRP 24206	72.91 -4.99 0.00	77.78 -4.99 0.00	86.23 -6.05 0.00	103.89 -7.63 0.00	94.40 -6.61 0.00	70.52 -4.75 0.00	73.45 -7.19 0.00	66.92 -8.07 0.00	96.63 -12.28 0.00	77.37 -9.01 0.00	67.49 -7.90 0.00	75.22 -9.61 0.00	88.50 -11.84 0.00	79.60 -10.60 0.00	103.37 -14.59 0.00	75.78 -9.74 0.00	83.41 -9.53 0.00	92.71 -10.78 0.00	71.57 -8.78 0.00	71.93 -9.21 0.42	63.03 -8.25 4.03	57.29 -7.81 6.57	60.48 -6.81 0.00	68.35 -6.89 0.00
OXBOW___BTM 323836	71.94 -5.82 0.14	76.93 -5.84 0.00	85.32 -6.96 0.00	102.73 -8.79 0.00	93.34 -7.66 0.00	69.72 -5.54 0.00	72.57 -8.08 0.00	66.04 -8.95 0.00	95.32 -13.58 0.00	76.36 -10.02 0.00	66.62 -8.77 0.00	74.20 -10.63 0.00	87.31 -13.04 0.00	78.50 -11.70 0.00	101.89 -16.07 0.00	74.74 -10.78 0.00	82.27 -10.67 0.00	91.45 -12.05 0.00	70.61 -9.75 0.00	70.98 -10.16 0.41	62.33 -9.07 3.91	56.72 -8.56 6.39	59.70 -7.59 0.00	67.62 -7.62 0.00
OXBOW____ 24026	72.09 -5.82 0.00	76.93 -5.83 0.00	85.31 -6.97 0.00	102.72 -8.80 0.00	93.35 -7.66 0.00	69.72 -5.54 0.00	72.55 -8.09 0.00	66.03 -8.96 0.00	95.33 -13.58 0.00	76.36 -10.02 0.00	66.63 -8.77 0.00	74.21 -10.62 0.00	87.30 -13.05 0.00	78.52 -11.68 0.00	101.89 -16.07 0.00	74.74 -10.79 0.00	82.26 -10.68 0.00	91.44 -12.06 0.00	70.61 -9.75 0.00	70.97 -10.18 0.41	62.31 -9.08 3.91	56.70 -8.59 6.39	59.79 -7.49 0.00	67.61 -7.63 0.00
OXY_CHEM_DSASP 323612	70.97 -6.94 0.00	75.78 -6.99 0.00	84.07 -8.21 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.60 0.00	71.36 -9.29 0.00	64.87 -10.12 0.00	93.60 -15.31 0.00	75.00 -11.38 0.00	65.46 -9.93 0.00	72.85 -11.97 0.00	85.67 -14.67 0.00	76.98 -13.22 0.00	99.91 -18.05 0.00	73.35 -12.17 0.00	80.73 -12.21 0.00	89.67 -13.83 0.00	69.23 -11.12 0.00	69.65 -11.50 0.40	61.27 -10.24 3.80	55.82 -9.65 6.20	58.84 -8.44 0.00	66.58 -8.67 0.00
OZONE_PARK_ESR 323760	84.17 6.27 0.00	88.67 5.91 0.00	97.90 5.62 0.00	117.82 6.30 0.00	106.72 5.72 0.00	80.07 4.80 0.00	86.01 5.36 0.00	80.11 5.12 0.00	116.10 7.20 0.00	91.72 5.34 0.00	80.20 4.80 0.00	90.31 5.48 0.00	106.60 6.26 0.00	96.07 5.87 0.00	125.41 7.45 0.00	91.98 6.45 0.00	101.15 8.21 0.00	113.58 10.09 0.00	88.31 7.95 0.00	89.47 7.92 0.00	82.55 7.24 0.00	78.21 6.53 0.00	72.52 5.23 0.00	80.32 5.08 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	70.97 -6.94 0.00	75.78 -6.99 0.00	84.07 -8.21 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.60 0.00	71.36 -9.29 0.00	64.87 -10.12 0.00	93.60 -15.31 0.00	75.00 -11.38 0.00	65.46 -9.93 0.00	72.85 -11.97 0.00	85.67 -14.67 0.00	76.98 -13.22 0.00	99.91 -18.05 0.00	73.35 -12.17 0.00	80.73 -12.21 0.00	89.67 -13.83 0.00	69.23 -11.12 0.00	69.65 -11.50 0.40	61.27 -10.24 3.80	55.82 -9.65 6.20	58.84 -8.44 0.00	66.58 -8.67 0.00
PACKARD__115KV_DUPONT_184 80571	70.97 -6.94 0.00	75.78 -6.99 0.00	84.07 -8.21 0.00	101.22 -10.30 0.00	91.93 -9.07 0.00	68.66 -6.60 0.00	71.36 -9.29 0.00	64.87 -10.12 0.00	93.60 -15.31 0.00	75.00 -11.38 0.00	65.46 -9.93 0.00	72.85 -11.97 0.00	85.67 -14.67 0.00	76.98 -13.22 0.00	99.91 -18.05 0.00	73.35 -12.17 0.00	80.73 -12.21 0.00	89.67 -13.83 0.00	69.23 -11.12 0.00	69.65 -11.50 0.40	61.27 -10.24 3.80	55.82 -9.65 6.20	58.84 -8.44 0.00	66.58 -8.67 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	83.19 5.29 0.00	87.79 5.02 0.00	96.90 4.61 0.00	116.59 5.07 0.00	105.66 4.66 0.00	79.28 4.01 0.00	85.20 4.55 0.00	79.35 4.35 0.00	114.96 6.05 0.00	90.86 4.48 0.00	79.40 4.00 0.00	89.40 4.57 0.00	105.50 5.16 0.00	95.07 4.87 0.00	124.14 6.19 0.00	91.04 5.52 0.00	100.05 7.10 0.00	112.33 8.84 0.00	87.42 7.06 0.00	88.65 7.10 0.00	81.77 6.45 -0.01	77.47 5.79 0.00	71.79 4.51 0.00	79.60 4.36 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	83.23 5.32 0.00	88.10 5.34 0.00	97.26 4.98 0.00	117.05 5.53 0.00	106.14 5.14 0.00	79.62 4.35 0.00	85.53 4.88 0.00	79.68 4.68 0.00	115.52 6.62 0.00	91.32 4.94 0.00	79.69 4.29 0.00	89.67 4.84 0.00	105.78 5.44 0.00	95.31 5.10 0.00	124.54 6.58 0.00	91.30 5.77 0.00	100.43 7.48 0.00	112.77 9.28 0.00	87.62 7.26 0.00	88.79 7.23 0.00	81.95 6.63 -0.01	77.70 6.02 0.00	71.99 4.70 0.00	79.82 4.58 0.00
PATROON__115KV_TB1 80586	81.30 3.39 0.00	86.12 3.35 0.00	95.45 3.16 0.00	115.35 3.83 0.00	104.47 3.46 0.00	78.15 2.88 0.00	83.60 2.96 0.00	77.75 2.76 0.00	112.81 3.90 0.00	89.29 2.91 0.00	78.00 2.61 0.00	87.72 2.89 0.00	103.61 3.26 0.00	93.09 2.89 0.00	122.67 4.72 0.00	88.89 3.36 0.00	96.79 3.85 0.00	107.48 3.99 0.00	83.24 2.89 0.00	84.62 3.07 0.00	78.22 2.91 0.00	74.35 2.68 0.00	69.49 2.21 0.00	77.71 2.46 0.00
PATTRSNVILLE__SOLAR 323815	81.10 3.20 0.00	86.07 3.30 0.00	95.58 3.30 0.00	115.52 4.00 0.00	104.65 3.64 0.00	78.19 2.93 0.00	83.69 3.04 0.00	77.85 2.86 0.00	112.80 3.90 0.00	89.21 2.83 0.00	77.54 2.14 0.00	87.05 2.22 0.00	102.93 2.58 0.00	92.24 2.04 0.00	120.77 2.82 0.00	88.29 2.76 0.00	96.99 4.05 0.00	108.48 4.99 0.00	84.29 3.93 0.00	85.45 3.90 0.00	78.84 3.53 0.00	74.86 3.19 0.00	69.96 2.68 0.00	77.97 2.73 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	74.80 -3.10 0.00	79.83 -2.93 0.00	88.53 -3.75 0.00	106.85 -4.67 0.00	97.04 -3.96 0.00	72.55 -2.72 0.00	75.74 -4.90 0.00	69.15 -5.84 0.00	99.88 -9.03 0.00	79.90 -6.48 0.00	69.82 -5.58 0.00	78.10 -6.73 0.00	92.10 -8.24 0.00	82.78 -7.42 0.00	107.66 -10.29 0.00	78.73 -6.80 0.00	86.60 -6.34 0.00	96.04 -7.45 0.00	74.06 -6.29 0.00	74.42 -6.70 0.43	65.13 -6.08 4.10	59.07 -5.92 6.68	62.46 -4.82 0.00	70.38 -4.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	84.15 6.25 0.00	88.77 6.00 0.00	98.08 5.79 0.00	118.20 6.68 0.00	107.10 6.10 0.00	80.32 5.05 0.00	86.20 5.56 0.00	80.27 5.28 0.00	116.35 7.44 0.00	91.88 5.51 0.00	80.19 4.79 0.00	90.33 5.50 0.00	106.62 6.27 0.00	96.04 5.84 0.00	125.50 7.54 0.00	91.85 6.32 0.00	101.03 8.08 0.00	113.43 9.94 0.00	88.19 7.83 0.00	89.33 7.78 0.00	82.45 7.14 0.00	78.08 6.41 0.00	72.44 5.15 0.00	80.31 5.07 0.00
PEEKSKILL____ 23653	82.69 4.79 0.00	87.20 4.43 0.00	96.37 4.09 0.00	116.12 4.60 0.00	105.19 4.19 0.00	78.88 3.61 0.00	84.70 4.05 0.00	78.82 3.83 0.00	114.17 5.26 0.00	90.15 3.77 0.00	78.79 3.39 0.00	88.79 3.96 0.00	104.82 4.47 0.00	94.44 4.24 0.00	123.31 5.35 0.00	90.28 4.76 0.00	99.22 6.28 0.00	111.41 7.91 0.00	86.61 6.25 0.00	87.78 6.23 0.00	81.03 5.72 0.00	76.79 5.12 0.00	71.23 3.95 0.00	79.02 3.78 0.00

PGE MADISON___WINDPWR 24146	83.78 5.88 0.00	88.81 6.04 0.00	99.01 6.73 0.00	119.86 8.34 0.00	109.21 8.20 0.00	82.43 7.16 0.00	88.35 7.71 0.00	82.37 7.38 0.00	120.00 11.09 0.00	95.44 9.06 0.00	83.33 7.94 0.00	93.31 8.48 0.00	109.84 9.50 0.00	98.96 8.75 0.00	129.62 11.66 0.00	94.53 9.00 0.00	103.99 11.05 0.00	116.38 12.89 0.00	90.23 9.87 0.00	91.12 9.57 0.00	83.21 7.90 0.00	78.49 6.82 0.00	72.65 5.36 0.00	80.86 5.62 0.00
PIERCEFIELD___HYD 23852	77.76 -0.14 0.00	83.08 0.31 0.00	93.57 1.28 0.00	113.03 1.51 0.00	102.23 1.23 0.00	75.34 0.07 0.00	80.57 -0.08 0.00	74.41 -0.58 0.00	108.48 -0.43 0.00	86.26 -0.12 0.00	75.06 -0.34 0.00	84.15 -0.68 0.00	99.88 -0.47 0.00	89.92 -0.28 0.00	117.87 -0.09 0.00	85.11 -0.41 0.00	91.14 -1.80 0.00	101.43 -2.07 0.00	78.77 -1.59 0.00	79.96 -1.60 0.00	73.78 -1.54 0.00	71.02 -0.66 0.00	67.72 0.44 0.00	76.50 1.26 0.00
PINELAWN_CC_1 323563	84.92 7.01 0.00	89.67 6.90 0.00	98.78 6.50 0.00	118.82 7.30 0.00	107.33 6.33 0.00	80.98 5.71 0.00	86.88 6.23 0.00	81.00 6.01 0.00	116.98 8.07 0.00	92.18 5.80 0.00	80.03 4.64 0.00	90.81 5.98 0.00	107.12 6.78 0.00	96.94 6.74 0.00	126.16 8.20 0.00	142.08 7.49 -49.06	109.24 9.68 -6.62	123.12 11.67 -7.95	113.87 9.41 -24.10	112.12 9.35 -21.22	113.86 8.44 -30.11	91.06 7.71 -11.68	73.59 6.30 0.00	81.44 6.20 0.00
PJM_GEN_HTP_PROXY 323702	83.23 5.33 0.00	87.76 4.99 0.00	96.90 4.62 0.00	116.69 5.17 0.00	105.70 4.69 0.00	79.30 4.04 0.00	85.16 4.52 0.00	79.31 4.32 0.00	114.93 6.02 0.00	90.78 4.40 0.00	79.38 3.98 0.00	89.43 4.60 0.00	105.54 5.19 0.00	95.11 4.91 0.00	123.23 6.19 0.92	88.12 5.43 2.84	100.02 7.07 0.00	112.25 8.75 0.00	88.30 6.94 -1.01	88.45 6.89 0.00	81.64 6.33 0.00	75.28 5.69 2.08	74.40 4.47 -2.65	79.53 4.29 0.00
PJM_GEN_KEystone 24065	32.82 0.21 45.29	38.84 -0.11 43.82	37.89 -0.78 53.61	48.09 -1.08 62.35	46.78 -0.87 53.36	50.25 -0.25 24.76	62.51 -0.87 17.26	57.90 -1.24 15.85	57.03 -2.13 49.74	31.83 -1.72 52.84	43.16 -1.28 30.97	39.95 -1.44 43.44	41.41 -1.81 57.12	30.94 -1.54 57.73	58.67 -2.28 57.01	25.12 -0.89 59.51	28.70 -0.07 64.17	104.59 0.18 -0.92	68.28 -0.09 11.98	38.42 -0.22 42.91	39.37 -0.20 35.74	36.03 -0.37 35.28	38.14 -0.68 28.46	40.60 -0.93 33.71
PJM_GEN_NEPTUNE_PROXY 323594	83.92 6.01 0.00	88.66 5.89 0.00	97.71 5.43 0.00	117.55 6.03 0.00	106.32 5.31 0.00	80.10 4.83 0.00	85.89 5.24 0.00	80.06 5.07 0.00	115.72 6.81 0.00	91.27 4.89 0.00	79.34 3.94 0.00	90.08 5.25 0.00	106.28 5.93 0.00	96.10 5.89 0.00	124.03 6.99 0.92	138.16 6.41 -46.22	107.83 8.27 -6.62	121.41 9.96 -7.95	113.56 8.09 -25.11	110.77 8.00 -21.22	112.68 7.26 -30.11	87.89 6.62 -9.60	75.28 5.36 -2.65	80.48 5.24 0.00
PJM_GEN_VFT_PROXY 323633	82.90 5.00 0.00	87.36 4.59 0.00	96.44 4.16 0.00	116.08 4.56 0.00	105.21 4.21 0.00	78.97 3.70 0.00	84.84 4.19 0.00	78.97 3.98 0.00	114.42 5.51 0.00	90.32 3.94 0.00	78.96 3.57 0.00	88.94 4.11 0.00	104.93 4.59 0.00	94.57 4.37 0.00	122.51 5.47 0.92	87.69 5.00 2.84	99.58 6.63 0.00	111.80 8.31 0.00	87.92 6.56 -1.01	88.03 6.48 0.00	81.26 5.95 0.00	74.91 5.32 2.08	74.06 4.13 -2.65	79.13 3.89 0.00
PLATSBURG_115KV_PMLD1 355749	77.57 -0.33 0.00	83.10 0.33 0.00	93.54 1.26 0.00	113.07 1.55 0.00	102.28 1.27 0.00	76.06 0.79 0.00	81.86 1.22 0.00	76.09 1.10 0.00	110.95 2.04 0.00	88.29 1.91 0.00	77.11 1.72 0.00	86.62 1.79 0.00	102.30 1.96 0.00	92.20 2.00 0.00	120.88 2.92 0.00	87.70 2.17 0.00	94.69 1.75 0.00	105.29 1.80 0.00	81.67 1.31 0.00	82.72 1.17 0.00	76.28 0.96 0.00	72.63 0.95 0.00	68.63 1.35 0.00	77.16 1.92 0.00
PLEASANTVLY___LBMP 24000	82.64 4.73 0.00	87.27 4.50 0.00	96.46 4.17 0.00	116.29 4.77 0.00	105.34 4.34 0.00	78.97 3.70 0.00	84.71 4.07 0.00	78.83 3.84 0.00	114.23 5.32 0.00	90.24 3.86 0.00	78.85 3.45 0.00	88.86 4.03 0.00	104.92 4.57 0.00	94.50 4.30 0.00	123.39 5.43 0.00	90.18 4.66 0.00	99.01 6.07 0.00	111.01 7.52 0.00	86.37 6.01 0.00	87.53 5.98 0.00	80.81 5.50 0.00	76.61 4.94 0.00	71.16 3.87 0.00	79.02 3.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	83.09 5.19 0.00	87.67 4.90 0.00	96.87 4.59 0.00	116.71 5.19 0.00	105.71 4.71 0.00	79.28 4.01 0.00	85.09 4.44 0.00	79.22 4.23 0.00	114.77 5.86 0.00	90.66 4.29 0.00	79.21 3.82 0.00	89.27 4.44 0.00	105.40 5.06 0.00	94.95 4.75 0.00	123.96 6.01 0.00	90.74 5.22 0.00	99.75 6.81 0.00	111.91 8.42 0.00	87.04 6.69 0.00	88.19 6.64 0.00	81.41 6.10 0.00	77.15 5.48 0.00	71.58 4.30 0.00	79.41 4.16 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	83.09 5.19 0.00	87.67 4.90 0.00	96.87 4.59 0.00	116.71 5.19 0.00	105.71 4.71 0.00	79.28 4.01 0.00	85.09 4.44 0.00	79.22 4.23 0.00	114.77 5.86 0.00	90.66 4.29 0.00	79.21 3.82 0.00	89.27 4.44 0.00	105.40 5.06 0.00	94.95 4.75 0.00	123.96 6.01 0.00	90.74 5.22 0.00	99.75 6.81 0.00	111.91 8.42 0.00	87.04 6.69 0.00	88.19 6.64 0.00	81.41 6.10 0.00	77.15 5.48 0.00	71.58 4.30 0.00	79.41 4.16 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	83.67 5.77 0.00	88.34 5.57 0.00	97.61 5.33 0.00	117.67 6.15 0.00	106.61 5.61 0.00	79.92 4.65 0.00	85.74 5.09 0.00	79.83 4.84 0.00	115.70 6.79 0.00	91.37 4.99 0.00	79.71 4.31 0.00	89.75 4.92 0.00	105.97 5.63 0.00	95.48 5.28 0.00	124.81 6.85 0.00	91.33 5.80 0.00	100.39 7.45 0.00	112.63 9.14 0.00	87.60 7.25 0.00	88.76 7.20 0.00	81.87 6.56 0.00	77.57 5.90 0.00	72.01 4.73 0.00	79.92 4.68 0.00
POLETTI___ 23519	83.02 5.12 0.00	87.50 4.73 0.00	96.64 4.35 0.00	116.33 4.81 0.00	105.38 4.38 0.00	79.03 3.76 0.00	84.90 4.25 0.00	79.13 4.14 0.00	114.64 5.73 0.00	90.52 4.14 0.00	79.21 3.82 0.00	89.19 4.36 0.00	105.30 4.95 0.00	94.89 4.69 0.00	123.85 5.89 0.00	90.79 5.26 0.00	99.85 6.90 0.00	112.00 8.51 0.00	87.10 6.75 0.00	88.26 6.71 0.00	81.44 6.13 0.00	77.15 5.48 0.00	71.55 4.26 0.00	79.29 4.05 0.00
POMONA___ESR 323819	82.26 4.36 0.00	86.72 3.95 0.00	95.86 3.58 0.00	115.51 4.00 0.00	104.65 3.64 0.00	78.46 3.19 0.00	84.29 3.65 0.00	78.40 3.41 0.00	113.52 4.61 0.00	89.65 3.27 0.00	78.32 2.93 0.00	88.30 3.47 0.00	104.22 3.88 0.00	93.89 3.69 0.00	122.62 4.66 0.00	89.78 4.25 0.00	98.68 5.74 0.00	110.86 7.37 0.00	86.18 5.83 0.00	87.32 5.77 0.00	80.61 5.30 0.00	76.40 4.73 0.00	70.87 3.58 0.00	78.60 3.36 0.00
PORT_JEFF_3 23555	85.44 7.54 0.00	90.19 7.42 0.00	99.28 7.00 0.00	119.48 7.96 0.00	107.69 6.69 0.00	81.49 6.22 0.00	87.41 6.76 0.00	81.52 6.53 0.00	117.71 8.80 0.00	92.61 6.23 0.00	80.41 5.02 0.00	91.30 6.47 0.00	107.72 7.38 0.00	97.58 7.38 0.00	127.11 9.15 0.00	142.86 8.27 -49.06	110.23 10.67 -6.62	124.40 12.96 -7.95	114.94 10.48 -24.10	113.18 10.40 -21.22	114.77 9.35 -30.11	91.88 8.53 -11.68	74.30 7.01 0.00	82.21 6.96 0.00

PORT_JEFF_4 23616	85.44 7.54 0.00	90.19 7.42 0.00	99.28 7.00 0.00	119.48 7.96 0.00	107.69 6.69 0.00	81.49 6.22 0.00	87.41 6.76 0.00	81.52 6.53 0.00	117.71 8.80 0.00	92.61 6.23 0.00	80.41 5.02 0.00	91.30 6.47 0.00	107.72 7.38 0.00	97.58 7.38 0.00	127.11 9.15 0.00	142.86 8.27 -49.06	110.23 10.67 -6.62	124.40 12.96 -7.95	114.94 10.48 -24.10	113.18 10.40 -21.22	114.77 9.35 -30.11	91.88 8.53 -11.68	74.30 7.01 0.00	82.21 6.96 0.00
PORT_JEFF_IC 23713	85.49 7.59 0.00	90.26 7.50 0.00	99.33 7.05 0.00	119.54 8.02 0.00	107.74 6.74 0.00	81.55 6.28 0.00	87.47 6.82 0.00	81.58 6.59 0.00	117.81 8.90 0.00	92.69 6.31 0.00	80.44 5.05 0.00	91.34 6.51 0.00	107.79 7.45 0.00	97.66 7.47 0.00	127.23 9.27 0.00	142.95 8.37 -49.06	110.37 10.81 -6.62	124.58 13.13 -7.95	115.10 10.64 -24.10	113.31 10.53 -21.22	114.91 9.49 -30.11	91.98 8.63 -11.68	74.38 7.09 0.00	82.28 7.04 0.00
PPL_PILGRIM_ST_GT1 24216	85.54 7.64 0.00	90.32 7.55 0.00	99.47 7.18 0.00	119.68 8.16 0.00	108.00 7.00 0.00	81.62 6.35 0.00	87.53 6.88 0.00	81.65 6.66 0.00	117.97 9.06 0.00	92.85 6.47 0.00	80.64 5.24 0.00	91.52 6.69 0.00	107.98 7.63 0.00	97.76 7.56 0.00	127.28 9.32 0.00	142.74 8.16 -49.06	110.11 10.55 -6.62	123.83 12.39 -7.95	114.52 10.06 -24.10	112.99 10.22 -21.22	114.68 9.26 -30.11	91.77 8.42 -11.68	74.25 6.97 0.00	82.17 6.93 0.00
PPL_PILGRIM_ST_GT2 24217	85.54 7.64 0.00	90.32 7.55 0.00	99.47 7.18 0.00	119.68 8.16 0.00	108.00 7.00 0.00	81.62 6.35 0.00	87.53 6.88 0.00	81.65 6.66 0.00	117.97 9.06 0.00	92.85 6.47 0.00	80.64 5.24 0.00	91.52 6.69 0.00	107.98 7.63 0.00	97.76 7.56 0.00	127.28 9.32 0.00	142.74 8.16 -49.06	110.11 10.55 -6.62	123.83 12.39 -7.95	114.52 10.06 -24.10	112.99 10.22 -21.22	114.68 9.26 -30.11	91.77 8.42 -11.68	74.25 6.97 0.00	82.17 6.93 0.00
PPL_SHRM_GT3 24213	85.76 7.86 0.00	90.51 7.74 0.00	99.41 7.13 0.00	119.83 8.31 0.00	107.47 6.46 0.00	81.79 6.52 0.00	87.75 7.10 0.00	81.81 6.81 0.00	118.09 9.18 0.00	92.72 6.34 0.00	80.39 4.99 0.00	91.39 6.56 0.00	107.88 7.54 0.00	97.84 7.64 0.00	127.69 9.73 0.00	143.49 8.90 -49.06	111.16 11.60 -6.62	125.56 14.12 -7.95	115.87 11.41 -24.10	114.12 11.35 -21.22	115.66 10.24 -30.11	92.64 9.29 -11.68	74.83 7.54 0.00	82.84 7.59 0.00
PPL_SHRM_GT4 24214	85.76 7.86 0.00	90.51 7.74 0.00	99.41 7.13 0.00	119.83 8.31 0.00	107.47 6.46 0.00	81.79 6.52 0.00	87.75 7.10 0.00	81.81 6.81 0.00	118.09 9.18 0.00	92.72 6.34 0.00	80.39 4.99 0.00	91.39 6.56 0.00	107.88 7.54 0.00	97.84 7.64 0.00	127.69 9.73 0.00	143.49 8.90 -49.06	111.16 11.60 -6.62	125.56 14.12 -7.95	115.87 11.41 -24.10	114.12 11.35 -21.22	115.66 10.24 -30.11	92.64 9.29 -11.68	74.83 7.54 0.00	82.84 7.59 0.00
PROJECT___ORANGE 1 24174	76.71 -1.20 0.00	81.45 -1.32 0.00	90.43 -1.85 0.00	109.28 -2.24 0.00	99.04 -1.97 0.00	74.03 -1.24 0.00	78.97 -1.67 0.00	73.32 -1.67 0.00	106.42 -2.49 0.00	84.52 -1.87 0.00	73.81 -1.59 0.00	82.98 -1.85 0.00	98.12 -2.23 0.00	88.23 -1.97 0.00	115.34 -2.62 0.00	83.82 -1.70 0.00	91.58 -1.37 0.00	102.12 -1.37 0.00	79.20 -1.15 0.00	80.25 -1.31 0.00	73.98 -1.33 0.00	70.23 -1.44 0.00	65.75 -1.54 0.00	73.42 -1.83 0.00
PROJECT___ORANGE 2 24166	76.71 -1.20 0.00	81.45 -1.32 0.00	90.43 -1.85 0.00	109.28 -2.24 0.00	99.04 -1.97 0.00	74.03 -1.24 0.00	78.97 -1.67 0.00	73.32 -1.67 0.00	106.42 -2.49 0.00	84.52 -1.87 0.00	73.81 -1.59 0.00	82.98 -1.85 0.00	98.12 -2.23 0.00	88.23 -1.97 0.00	115.34 -2.62 0.00	83.82 -1.70 0.00	91.58 -1.37 0.00	102.12 -1.37 0.00	79.20 -1.15 0.00	80.25 -1.31 0.00	73.98 -1.33 0.00	70.23 -1.44 0.00	65.75 -1.54 0.00	73.42 -1.83 0.00
PUCKETT___SOLAR 323809	79.06 1.13 -0.03	83.78 1.01 0.00	93.28 1.00 0.00	112.85 1.32 0.00	102.38 1.37 0.00	76.83 1.56 0.00	81.97 1.33 0.00	76.13 1.14 0.00	110.56 1.65 0.00	87.82 1.44 0.00	76.72 1.32 0.00	86.06 1.23 0.00	101.57 1.22 0.00	91.57 1.36 0.00	119.95 2.00 0.00	87.38 1.86 0.00	95.66 2.71 0.00	106.72 3.23 0.00	82.69 2.33 0.00	83.82 2.20 -0.07	77.76 1.76 -0.69	74.11 1.32 -1.12	68.04 0.75 0.00	75.94 0.69 0.00
PYRITES___HYD 24023	79.20 1.29 0.00	84.60 1.83 0.00	95.31 3.02 0.00	115.07 3.55 0.00	104.12 3.11 0.00	76.74 1.47 0.00	82.22 1.57 0.00	76.15 1.16 0.00	111.04 2.13 0.00	88.22 1.84 0.00	76.65 1.25 0.00	85.86 1.03 0.00	101.42 1.08 0.00	91.36 1.16 0.00	119.63 1.67 0.00	86.72 1.19 0.00	93.16 0.22 0.00	103.86 0.36 0.00	80.61 0.25 0.00	81.77 0.22 0.00	75.48 0.17 0.00	72.42 0.75 0.00	68.98 1.70 0.00	77.92 2.68 0.00
QUAKERRD_115KV_BK1 80622	73.68 -4.22 0.00	78.40 -4.37 0.00	87.07 -5.22 0.00	105.06 -6.46 0.00	95.27 -5.73 0.00	71.21 -4.06 0.00	75.37 -5.28 0.00	69.43 -5.56 0.00	100.62 -8.28 0.00	80.19 -6.19 0.00	70.00 -5.39 0.00	78.44 -6.39 0.00	92.54 -7.81 0.00	83.14 -7.06 0.00	108.53 -9.43 0.00	79.14 -6.38 0.00	86.72 -6.22 0.00	96.67 -6.82 0.00	74.83 -5.52 0.00	75.66 -5.81 0.08	69.14 -5.35 0.81	64.99 -5.22 1.46	62.58 -4.71 0.00	70.18 -5.06 0.00
QUEENSBRY_115KV_TB8 356137	83.33 5.42 0.00	88.41 5.64 0.00	97.87 5.59 0.00	118.50 6.98 0.00	107.26 6.26 0.00	80.36 5.10 0.00	86.21 5.56 0.00	80.43 5.44 0.00	116.77 7.86 0.00	92.37 5.99 0.00	80.55 5.15 0.00	90.41 5.58 0.00	106.62 6.28 0.00	95.67 5.47 0.00	125.19 7.23 0.00	91.29 5.77 0.00	100.39 7.45 0.00	112.74 9.25 0.00	87.57 7.21 0.00	88.57 7.02 0.00	81.62 6.31 0.00	77.31 5.64 0.00	72.10 4.82 0.00	80.03 4.79 0.00
RAMAPO___LBMP 323565	82.07 4.17 0.00	86.56 3.79 0.00	95.69 3.41 0.00	115.32 3.80 0.00	104.48 3.48 0.00	78.35 3.08 0.00	84.13 3.49 0.00	78.25 3.26 0.00	113.33 4.42 0.00	89.48 3.10 0.00	78.17 2.78 0.00	88.13 3.30 0.00	104.02 3.67 0.00	93.70 3.50 0.00	122.37 4.41 0.00	89.60 4.07 0.00	98.46 5.51 0.00	110.57 7.08 0.00	85.96 5.60 0.00	87.11 5.55 0.00	80.38 5.07 0.00	76.20 4.52 0.00	70.69 3.40 0.00	78.44 3.20 0.00
RANKINE____ 23646	73.84 -4.06 0.00	78.75 -4.03 0.00	87.35 -4.93 0.00	105.38 -6.14 0.00	95.77 -5.24 0.00	71.54 -3.72 0.00	74.67 -5.97 0.00	68.09 -6.90 0.00	98.37 -10.53 0.00	78.70 -7.68 0.00	68.67 -6.72 0.00	76.65 -8.18 0.00	90.33 -10.01 0.00	81.24 -8.96 0.00	105.59 -12.37 0.00	77.25 -8.27 0.00	84.97 -7.97 0.00	94.31 -9.18 0.00	72.74 -7.62 0.00	72.94 -8.11 0.51	63.09 -7.36 4.86	56.63 -7.13 7.91	61.26 -6.03 0.00	69.10 -6.14 0.00
RAVENSWOOD_GT2_1 24244	83.31 5.41 0.00	87.83 5.06 0.00	97.00 4.71 0.00	116.78 5.26 0.00	105.79 4.78 0.00	79.34 4.07 0.00	85.24 4.59 0.00	79.38 4.38 0.00	115.01 6.11 0.00	90.86 4.48 0.00	79.44 4.04 0.00	89.47 4.64 0.00	105.62 5.28 0.00	95.16 4.95 0.00	124.23 6.27 0.00	91.05 5.52 0.00	100.10 7.16 0.00	112.35 8.86 0.00	87.38 7.02 0.00	88.53 6.98 0.00	81.71 6.40 0.00	77.41 5.74 0.00	71.81 4.52 0.00	79.58 4.34 0.00

RAVENSWOOD_GT2_2 24245	83.31 5.41 0.00	87.83 5.06 0.00	97.00 4.71 0.00	116.78 5.26 0.00	105.79 4.78 0.00	79.34 4.07 0.00	85.24 4.59 0.00	79.38 4.38 0.00	115.01 6.11 0.00	90.86 4.48 0.00	79.44 4.04 0.00	89.47 4.64 0.00	105.62 5.28 0.00	95.16 4.95 0.00	124.23 6.27 0.00	91.05 5.52 0.00	100.10 7.16 0.00	112.35 8.86 0.00	87.38 7.02 0.00	88.53 6.98 0.00	81.71 6.40 0.00	77.41 5.74 0.00	71.81 4.52 0.00	79.58 4.34 0.00
RAVENSWOOD_GT2_3 24246	83.35 5.45 0.00	87.86 5.09 0.00	97.02 4.74 0.00	116.82 5.30 0.00	105.83 4.82 0.00	79.41 4.14 0.00	85.27 4.63 0.00	79.42 4.43 0.00	115.06 6.16 0.00	90.89 4.52 0.00	79.47 4.07 0.00	89.52 4.69 0.00	105.64 5.30 0.00	95.20 5.00 0.00	124.28 6.32 0.00	91.09 5.57 0.00	100.13 7.19 0.00	112.41 8.92 0.00	87.42 7.06 0.00	88.59 7.03 0.00	81.76 6.45 0.00	77.45 5.78 0.00	71.84 4.55 0.00	79.64 4.39 0.00
RAVENSWOOD_GT2_4 24247	83.35 5.45 0.00	87.86 5.09 0.00	97.02 4.74 0.00	116.82 5.30 0.00	105.83 4.82 0.00	79.41 4.14 0.00	85.27 4.63 0.00	79.42 4.43 0.00	115.06 6.16 0.00	90.89 4.52 0.00	79.47 4.07 0.00	89.52 4.69 0.00	105.64 5.30 0.00	95.20 5.00 0.00	124.28 6.32 0.00	91.09 5.57 0.00	100.13 7.19 0.00	112.41 8.92 0.00	87.42 7.06 0.00	88.59 7.03 0.00	81.76 6.45 0.00	77.45 5.78 0.00	71.84 4.55 0.00	79.64 4.39 0.00
RAVENSWOOD_GT3_1 24248	83.31 5.41 0.00	87.83 5.06 0.00	97.00 4.71 0.00	116.78 5.26 0.00	105.79 4.78 0.00	79.35 4.08 0.00	85.24 4.60 0.00	79.38 4.38 0.00	115.02 6.12 0.00	90.86 4.48 0.00	79.44 4.04 0.00	89.47 4.64 0.00	105.62 5.28 0.00	95.16 4.96 0.00	124.23 6.27 0.00	91.05 5.52 0.00	100.10 7.16 0.00	112.35 8.86 0.00	87.38 7.02 0.00	88.53 6.98 0.00	81.71 6.40 0.00	77.42 5.75 0.00	71.82 4.53 0.00	79.58 4.34 0.00
RAVENSWOOD_GT3_2 24249	83.31 5.41 0.00	87.83 5.06 0.00	97.00 4.71 0.00	116.78 5.26 0.00	105.79 4.78 0.00	79.35 4.08 0.00	85.24 4.60 0.00	79.38 4.38 0.00	115.02 6.12 0.00	90.86 4.48 0.00	79.44 4.04 0.00	89.47 4.64 0.00	105.62 5.28 0.00	95.16 4.96 0.00	124.23 6.27 0.00	91.05 5.52 0.00	100.10 7.16 0.00	112.35 8.86 0.00	87.38 7.02 0.00	88.53 6.98 0.00	81.71 6.40 0.00	77.42 5.75 0.00	71.82 4.53 0.00	79.58 4.34 0.00
RAVENSWOOD_GT3_3 24250	83.44 5.53 0.00	87.94 5.17 0.00	97.11 4.83 0.00	116.93 5.41 0.00	105.93 4.93 0.00	79.48 4.21 0.00	85.36 4.72 0.00	79.50 4.51 0.00	115.17 6.26 0.00	91.00 4.62 0.00	79.55 4.15 0.00	89.61 4.78 0.00	105.76 5.42 0.00	95.31 5.10 0.00	124.43 6.47 0.00	91.18 5.66 0.00	100.24 7.30 0.00	112.52 9.02 0.00	87.51 7.15 0.00	88.68 7.13 0.00	81.86 6.56 0.00	77.54 5.87 0.00	71.91 4.62 0.00	79.71 4.47 0.00
RAVENSWOOD_GT3_4 24251	83.44 5.53 0.00	87.94 5.17 0.00	97.11 4.83 0.00	116.93 5.41 0.00	105.93 4.93 0.00	79.48 4.21 0.00	85.36 4.72 0.00	79.50 4.51 0.00	115.17 6.26 0.00	91.00 4.62 0.00	79.55 4.15 0.00	89.61 4.78 0.00	105.76 5.42 0.00	95.31 5.10 0.00	124.43 6.47 0.00	91.18 5.66 0.00	100.24 7.30 0.00	112.52 9.02 0.00	87.51 7.15 0.00	88.68 7.13 0.00	81.86 6.56 0.00	77.54 5.87 0.00	71.91 4.62 0.00	79.71 4.47 0.00
RAVENSWOOD_GT_1 23729	83.97 5.74 -0.33	88.18 5.41 0.00	97.35 5.07 0.00	117.17 5.65 0.00	106.16 5.15 0.00	79.63 4.36 0.00	85.56 4.92 0.00	80.29 4.70 -0.59	115.58 6.59 -0.09	92.02 4.91 -0.73	79.78 4.38 0.00	89.85 5.02 0.00	106.01 5.66 0.00	95.50 5.30 0.00	124.67 6.71 0.00	91.40 5.88 0.00	100.59 7.56 -0.09	117.81 9.40 -4.92	95.26 7.44 -7.46	96.45 7.44 -7.45	89.96 6.86 -7.79	81.13 6.15 -3.31	73.65 4.86 -1.51	79.95 4.71 0.00
RAVENSWOOD_GT_10 24258	83.34 5.39 -0.04	87.80 5.03 0.00	96.99 4.71 0.00	116.76 5.24 0.00	105.79 4.78 0.00	79.33 4.07 0.00	85.22 4.58 0.00	79.43 4.37 -0.07	115.02 6.11 -0.01	90.93 4.46 -0.08	79.43 4.03 0.00	89.46 4.63 0.00	105.60 5.25 0.00	95.16 4.95 0.00	124.20 6.24 0.00	91.04 5.52 0.00	100.09 7.14 -0.01	112.90 8.84 -0.57	88.22 7.00 -0.86	89.38 6.97 -0.86	82.61 6.40 -0.90	77.79 5.73 -0.38	71.96 4.50 -0.17	79.58 4.33 0.00
RAVENSWOOD_GT_11 24259	83.34 5.39 -0.04	87.80 5.03 0.00	96.99 4.71 0.00	116.76 5.24 0.00	105.79 4.78 0.00	79.33 4.07 0.00	85.22 4.58 0.00	79.43 4.37 -0.07	115.02 6.11 -0.01	90.93 4.46 -0.08	79.43 4.03 0.00	89.46 4.63 0.00	105.60 5.25 0.00	95.16 4.95 0.00	124.20 6.24 0.00	91.04 5.52 0.00	100.09 7.14 -0.01	112.90 8.84 -0.57	88.22 7.00 -0.86	89.38 6.97 -0.86	82.61 6.40 -0.90	77.79 5.73 -0.38	71.96 4.50 -0.17	79.58 4.33 0.00
RAVENSWOOD_GT_4 24252	83.52 5.36 -0.25	87.78 5.01 0.00	96.93 4.65 0.00	116.73 5.20 0.00	105.76 4.76 0.00	79.33 4.07 0.00	85.20 4.55 0.00	79.80 4.37 -0.45	115.01 6.03 -0.07	91.35 4.42 -0.56	79.39 4.00 0.00	89.44 4.61 0.00	105.54 5.19 0.00	95.11 4.91 0.00	124.15 6.20 0.00	90.99 5.47 0.00	100.11 7.10 -0.07	116.02 8.78 -3.75	93.00 6.96 -5.68	94.12 6.90 -5.67	87.57 6.34 -5.92	79.88 5.69 -2.51	72.90 4.47 -1.15	79.54 4.30 0.00
RAVENSWOOD_GT_5 24254	83.52 5.36 -0.25	87.78 5.01 0.00	96.93 4.65 0.00	116.73 5.20 0.00	105.76 4.76 0.00	79.33 4.07 0.00	85.20 4.55 0.00	79.80 4.37 -0.45	115.01 6.03 -0.07	91.35 4.42 -0.56	79.39 4.00 0.00	89.44 4.61 0.00	105.54 5.19 0.00	95.11 4.91 0.00	124.15 6.20 0.00	90.99 5.47 0.00	100.11 7.10 -0.07	116.02 8.78 -3.75	93.00 6.96 -5.68	94.12 6.90 -5.67	87.57 6.34 -5.92	79.88 5.69 -2.51	72.90 4.47 -1.15	79.54 4.30 0.00
RAVENSWOOD_GT_6 24253	83.52 5.36 -0.25	87.78 5.01 0.00	96.93 4.65 0.00	116.73 5.20 0.00	105.76 4.76 0.00	79.33 4.07 0.00	85.20 4.55 0.00	79.80 4.37 -0.45	115.01 6.03 -0.07	91.35 4.42 -0.56	79.39 4.00 0.00	89.44 4.61 0.00	105.54 5.19 0.00	95.11 4.91 0.00	124.15 6.20 0.00	90.99 5.47 0.00	100.11 7.10 -0.07	116.02 8.78 -3.75	93.00 6.96 -5.68	94.12 6.90 -5.67	87.57 6.34 -5.92	79.88 5.69 -2.51	72.90 4.47 -1.15	79.54 4.30 0.00
RAVENSWOOD_GT_7 24255	83.52 5.36 -0.25	87.78 5.01 0.00	96.93 4.65 0.00	116.73 5.20 0.00	105.76 4.76 0.00	79.33 4.07 0.00	85.20 4.55 0.00	79.80 4.37 -0.45	115.01 6.03 -0.07	91.35 4.42 -0.56	79.39 4.00 0.00	89.44 4.61 0.00	105.54 5.19 0.00	95.11 4.91 0.00	124.15 6.20 0.00	90.99 5.47 0.00	100.11 7.10 -0.07	116.02 8.78 -3.75	93.00 6.96 -5.68	94.12 6.90 -5.67	87.57 6.34 -5.92	79.88 5.69 -2.51	72.90 4.47 -1.15	79.54 4.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	83.34 5.39 -0.04	87.80 5.03 0.00	96.99 4.71 0.00	116.76 5.24 0.00	105.79 4.78 0.00	79.33 4.07 0.00	85.22 4.58 0.00	79.43 4.37 -0.07	115.02 6.11 -0.01	90.93 4.46 -0.08	79.43 4.03 0.00	89.46 4.63 0.00	105.60 5.25 0.00	95.16 4.95 0.00	124.20 6.24 0.00	91.04 5.52 0.00	100.09 7.14 -0.01	112.90 8.84 -0.57	88.22 7.00 -0.86	89.38 6.97 -0.86	82.61 6.40 -0.90	77.79 5.73 -0.38	71.96 4.50 -0.17	79.58 4.33 0.00

RAVENSWOOD_GT_9 24257	83.34 5.39 -0.04	87.80 5.03 0.00	96.99 4.71 0.00	116.76 5.24 0.00	105.79 4.78 0.00	79.33 4.07 0.00	85.22 4.58 0.00	79.43 4.37 -0.07	115.02 6.11 -0.01	90.93 4.46 -0.08	79.43 4.03 0.00	89.46 4.63 0.00	105.60 5.25 0.00	95.16 4.95 0.00	124.20 6.24 0.00	91.04 5.52 0.00	100.09 7.14 -0.01	112.90 8.84 -0.57	88.22 7.00 -0.86	89.38 6.97 -0.86	82.61 6.40 -0.90	77.79 5.73 -0.38	71.96 4.50 -0.17	79.58 4.33 0.00
RAVENSWOOD___1 23533	83.21 5.63 0.32	88.07 5.30 0.00	97.25 4.96 0.00	117.01 5.49 0.00	106.04 5.03 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.02 4.61 0.58	115.27 6.45 0.09	90.44 4.78 0.72	79.66 4.26 0.00	89.70 4.87 0.00	105.86 5.52 0.00	95.38 5.18 0.00	124.54 6.59 0.00	91.29 5.76 0.00	100.29 7.43 0.09	107.92 9.27 4.85	80.36 7.35 7.35	81.56 7.34 7.33	74.37 6.72 7.66	74.47 6.05 3.25	70.58 4.78 1.48	79.83 4.59 0.00
RAVENSWOOD___2 23534	83.21 5.63 0.32	88.07 5.30 0.00	97.25 4.96 0.00	117.01 5.49 0.00	106.04 5.03 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.02 4.61 0.58	115.27 6.45 0.09	90.44 4.78 0.72	79.66 4.26 0.00	89.70 4.87 0.00	105.86 5.52 0.00	95.38 5.18 0.00	124.54 6.59 0.00	91.29 5.76 0.00	100.29 7.43 0.09	107.92 9.27 4.85	80.36 7.35 7.35	81.56 7.34 7.33	74.37 6.72 7.66	74.47 6.05 3.25	70.58 4.78 1.48	79.83 4.59 0.00
RAVENSWOOD___3 23535	83.31 5.41 0.00	87.84 5.07 0.00	96.98 4.70 0.00	116.78 5.26 0.00	105.80 4.79 0.00	79.35 4.08 0.00	85.24 4.59 0.00	79.37 4.38 0.00	115.02 6.11 0.00	90.86 4.48 0.00	79.43 4.04 0.00	89.48 4.64 0.00	105.61 5.26 0.00	95.17 4.97 0.00	124.24 6.28 0.00	91.04 5.52 0.00	100.11 7.16 0.00	112.36 8.87 0.00	87.39 7.03 0.00	88.53 6.97 0.00	81.71 6.40 0.00	77.43 5.76 0.00	71.82 4.54 0.00	79.59 4.34 0.00
RAVENSWOOD___4 23820	83.21 5.63 0.32	88.07 5.30 0.00	97.25 4.96 0.00	117.01 5.49 0.00	106.04 5.03 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.02 4.61 0.58	115.27 6.45 0.09	90.44 4.78 0.72	79.66 4.26 0.00	89.70 4.87 0.00	105.86 5.52 0.00	95.38 5.18 0.00	124.54 6.59 0.00	91.29 5.76 0.00	100.29 7.43 0.09	107.92 9.27 4.85	80.36 7.35 7.35	81.56 7.34 7.33	74.37 6.72 7.66	74.47 6.05 3.25	70.58 4.78 1.48	79.83 4.59 0.00
RCPL_TRUST___DRP 24196	83.31 5.41 0.00	87.82 5.05 0.00	97.00 4.71 0.00	116.78 5.26 0.00	105.79 4.78 0.00	79.37 4.10 0.00	85.25 4.60 0.00	79.43 4.44 0.00	115.07 6.17 0.00	90.92 4.55 0.00	79.48 4.08 0.00	89.54 4.71 0.00	105.70 5.35 0.00	95.24 5.04 0.00	124.31 6.35 0.00	91.12 5.60 0.00	100.17 7.23 0.00	112.41 8.92 0.00	87.43 7.07 0.00	88.59 7.04 0.00	81.76 6.45 0.00	77.45 5.78 0.00	71.84 4.56 0.00	79.64 4.39 0.00
RED___ROCHESTER 323720	75.31 -2.53 0.07	80.18 -2.59 0.00	89.02 -3.26 0.00	107.35 -4.17 0.00	97.37 -3.64 0.00	72.78 -2.49 0.00	76.83 -3.81 0.00	70.71 -4.28 0.00	102.44 -6.47 0.00	81.74 -4.64 0.00	71.34 -4.06 0.00	79.87 -4.96 0.00	94.22 -6.12 0.00	84.71 -5.49 0.00	110.42 -7.54 0.00	80.61 -4.91 0.00	88.51 -4.43 0.00	98.71 -4.78 0.00	76.37 -3.99 0.00	77.28 -4.19 0.08	70.75 -3.81 0.75	66.60 -3.80 1.28	63.87 -3.42 0.00	71.69 -3.56 0.00
REGAN___SOLAR 323812	83.01 5.10 0.00	88.00 5.23 0.00	97.94 5.66 0.00	118.35 6.83 0.00	107.26 6.26 0.00	80.17 4.90 0.00	85.83 5.19 0.00	79.91 4.91 0.00	115.63 6.73 0.00	91.29 4.91 0.00	78.38 2.98 0.00	87.47 2.64 0.00	103.11 2.76 0.00	91.91 1.71 0.00	120.43 2.47 0.00	89.42 3.90 0.00	99.63 6.68 0.00	111.84 8.35 0.00	86.84 6.48 0.00	87.91 6.36 0.00	81.00 5.69 0.00	76.78 5.11 0.00	71.70 4.42 0.00	79.87 4.63 0.00
RENSSELAER___COGEN 23796	80.95 3.05 0.00	85.73 2.97 0.00	95.06 2.78 0.00	114.90 3.38 0.00	104.02 3.02 0.00	77.80 2.53 0.00	83.16 2.51 0.00	77.34 2.35 0.00	112.22 3.31 0.00	88.78 2.40 0.00	77.58 2.18 0.00	87.26 2.43 0.00	103.03 2.68 0.00	92.56 2.36 0.00	121.95 3.99 0.00	88.38 2.85 0.00	96.17 3.22 0.00	106.76 3.27 0.00	82.68 2.33 0.00	84.06 2.51 0.00	77.74 2.43 0.00	73.92 2.25 0.00	69.10 1.82 0.00	77.34 2.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	86.02 8.11 0.00	91.44 8.67 0.00	100.93 8.64 0.00	122.54 11.03 0.00	110.79 9.79 0.00	83.27 8.01 0.00	89.67 9.03 0.00	83.75 8.76 0.00	121.57 12.66 0.00	95.77 9.39 0.00	83.30 7.90 0.00	93.65 8.82 0.00	109.93 9.59 0.00	98.74 8.54 0.00	128.90 10.94 0.00	94.56 9.04 0.00	103.86 10.91 0.00	117.81 14.32 0.00	91.72 11.37 0.00	92.34 10.79 0.00	84.98 9.67 0.00	80.27 8.60 0.00	74.77 7.48 0.00	82.68 7.44 0.00
REVERE_CPFR_DRP 24186	80.80 2.90 0.00	85.86 3.09 0.00	95.56 3.27 0.00	115.54 4.02 0.00	104.72 3.72 0.00	78.27 3.00 0.00	83.87 3.23 0.00	78.01 3.02 0.00	113.49 4.58 0.00	90.08 3.69 0.00	78.62 3.22 0.00	88.31 3.48 0.00	104.29 3.95 0.00	93.80 3.60 0.00	122.92 4.96 0.00	89.30 3.77 0.00	97.60 4.65 0.00	108.75 5.26 0.00	84.53 4.17 0.00	85.64 4.09 0.00	78.72 3.41 0.00	74.56 2.89 0.00	69.60 2.32 0.00	77.68 2.44 0.00
REYNOLDS_115KV_TB3 80639	81.17 3.26 0.00	85.98 3.21 0.00	95.29 3.01 0.00	115.24 3.72 0.00	104.32 3.32 0.00	78.03 2.77 0.00	83.48 2.83 0.00	77.60 2.61 0.00	112.55 3.65 0.00	89.12 2.74 0.00	77.91 2.51 0.00	87.58 2.76 0.00	103.42 3.08 0.00	93.01 2.81 0.00	122.11 4.15 0.00	88.61 3.09 0.00	96.54 3.59 0.00	107.47 3.97 0.00	83.38 3.02 0.00	84.66 3.10 0.00	78.33 3.02 0.00	74.47 2.79 0.00	69.58 2.29 0.00	77.70 2.46 0.00
RIVERBAY____ 323610	83.23 5.32 0.00	88.10 5.34 0.00	97.26 4.98 0.00	117.05 5.53 0.00	106.14 5.14 0.00	79.62 4.35 0.00	85.53 4.88 0.00	79.68 4.68 0.00	115.52 6.62 0.00	91.32 4.94 0.00	79.69 4.29 0.00	89.67 4.84 0.00	105.78 5.44 0.00	95.31 5.10 0.00	124.54 6.58 0.00	91.30 5.77 0.00	100.43 7.48 0.00	112.77 9.28 0.00	87.62 7.26 0.00	88.79 7.23 0.00	81.95 6.63 -0.01	77.70 6.02 0.00	71.99 4.70 0.00	79.82 4.58 0.00
RIVERSDE_115KV_TB3 55908	81.14 3.24 0.00	85.97 3.20 0.00	95.28 2.99 0.00	115.16 3.65 0.00	104.30 3.29 0.00	78.00 2.73 0.00	83.45 2.81 0.00	77.57 2.58 0.00	112.55 3.65 0.00	89.11 2.73 0.00	77.86 2.46 0.00	87.58 2.75 0.00	103.40 3.05 0.00	92.93 2.73 0.00	122.29 4.33 0.00	88.67 3.15 0.00	96.53 3.58 0.00	107.27 3.78 0.00	83.13 2.77 0.00	84.49 2.94 0.00	78.14 2.83 0.00	74.29 2.61 0.00	69.41 2.13 0.00	77.61 2.37 0.00
ROARING___BROOK_WT_PWR 323790	77.48 -0.42 0.00	82.47 -0.30 0.00	92.42 0.13 0.00	111.74 0.22 0.00	101.15 0.14 0.00	75.19 -0.08 0.00	80.69 0.05 0.00	75.06 0.07 0.00	109.16 0.25 0.00	86.65 0.27 0.00	75.57 0.17 0.00	84.96 0.13 0.00	100.46 0.12 0.00	90.31 0.10 0.00	118.20 0.24 0.00	85.59 0.06 0.00	92.68 -0.26 0.00	103.09 -0.41 0.00	80.03 -0.32 0.00	81.23 -0.32 0.00	74.99 -0.32 0.00	71.38 -0.29 0.00	67.16 -0.12 0.00	75.33 0.09 0.00

ROCHESRG_115KV_T4 355643	74.47 -3.43 0.00	79.29 -3.48 0.00	88.06 -4.23 0.00	106.21 -5.31 0.00	96.32 -4.68 0.00	72.00 -3.27 0.00	75.97 -4.68 0.00	69.84 -5.15 0.00	101.16 -7.74 0.00	80.67 -5.71 0.00	70.41 -4.99 0.00	78.83 -5.99 0.00	92.96 -7.38 0.00	83.56 -6.64 0.00	108.94 -9.02 0.00	79.53 -5.99 0.00	87.24 -5.71 0.00	97.23 -6.26 0.00	75.21 -5.14 0.00	76.08 -5.39 0.09	69.56 -4.89 0.86	65.46 -4.76 1.46	63.10 -4.19 0.00	70.82 -4.42 0.00
ROCHESTER_9_IC 23652	74.94 -2.97 0.00	79.76 -3.01 0.00	88.56 -3.72 0.00	106.81 -4.72 0.00	96.88 -4.12 0.00	72.40 -2.87 0.00	76.42 -4.22 0.00	70.29 -4.70 0.00	101.84 -7.07 0.00	81.22 -5.16 0.00	70.88 -4.52 0.00	79.36 -5.47 0.00	93.57 -6.77 0.00	84.14 -6.06 0.00	109.69 -8.27 0.00	80.06 -5.46 0.00	87.88 -5.06 0.00	97.96 -5.53 0.00	75.80 -4.56 0.00	76.69 -4.78 0.08	70.21 -4.35 0.75	66.12 -4.28 1.28	63.53 -3.76 0.00	71.28 -3.97 0.00
ROCKVIEW_13_KV_LD 356306	83.43 5.53 0.00	88.01 5.24 0.00	97.20 4.92 0.00	117.10 5.58 0.00	106.06 5.05 0.00	79.55 4.29 0.00	85.40 4.75 0.00	79.51 4.52 0.00	115.20 6.29 0.00	91.01 4.63 0.00	79.53 4.14 0.00	89.63 4.80 0.00	105.81 5.47 0.00	95.34 5.13 0.00	124.47 6.51 0.00	91.17 5.65 0.00	100.23 7.29 0.00	112.51 9.02 0.00	87.48 7.13 0.00	88.64 7.09 0.00	81.81 6.50 0.00	77.52 5.85 0.00	71.91 4.62 0.00	79.73 4.49 0.00
ROME____115KV_TB2 80656	80.80 2.90 0.00	85.86 3.09 0.00	95.56 3.27 0.00	115.54 4.02 0.00	104.72 3.72 0.00	78.27 3.00 0.00	83.87 3.23 0.00	78.01 3.02 0.00	113.49 4.58 0.00	90.08 3.69 0.00	78.62 3.22 0.00	88.31 3.48 0.00	104.29 3.95 0.00	93.80 3.60 0.00	122.92 4.96 0.00	89.30 3.77 0.00	97.60 4.65 0.00	108.75 5.26 0.00	84.53 4.17 0.00	85.64 4.09 0.00	78.72 3.41 0.00	74.56 2.89 0.00	69.60 2.32 0.00	77.68 2.44 0.00
ROSETON___1 23587	82.44 4.53 0.00	87.02 4.25 0.00	96.22 3.94 0.00	115.99 4.47 0.00	105.07 4.07 0.00	78.76 3.49 0.00	84.51 3.86 0.00	78.63 3.64 0.00	113.95 5.04 0.00	90.01 3.63 0.00	78.64 3.24 0.00	88.63 3.80 0.00	104.63 4.29 0.00	94.25 4.05 0.00	123.09 5.13 0.00	89.99 4.47 0.00	98.83 5.89 0.00	110.82 7.33 0.00	86.19 5.84 0.00	87.36 5.81 0.00	80.65 5.34 0.00	76.45 4.78 0.00	71.01 3.72 0.00	78.81 3.57 0.00
ROSETON___2 23588	82.44 4.53 0.00	87.02 4.25 0.00	96.22 3.94 0.00	115.99 4.47 0.00	105.07 4.07 0.00	78.76 3.49 0.00	84.51 3.86 0.00	78.63 3.64 0.00	113.95 5.04 0.00	90.01 3.63 0.00	78.64 3.24 0.00	88.63 3.80 0.00	104.63 4.29 0.00	94.25 4.05 0.00	123.09 5.13 0.00	89.99 4.47 0.00	98.83 5.89 0.00	110.82 7.33 0.00	86.19 5.84 0.00	87.36 5.81 0.00	80.65 5.34 0.00	76.45 4.78 0.00	71.01 3.72 0.00	78.81 3.57 0.00
ROTRRDAM_115KV_TB3 80664	80.60 2.70 0.00	85.56 2.79 0.00	94.96 2.68 0.00	114.74 3.23 0.00	103.91 2.91 0.00	77.66 2.39 0.00	83.11 2.46 0.00	77.32 2.33 0.00	112.14 3.23 0.00	88.77 2.39 0.00	77.46 2.06 0.00	87.13 2.30 0.00	103.00 2.65 0.00	92.53 2.33 0.00	120.98 3.02 0.00	88.05 2.52 0.00	96.34 3.39 0.00	107.64 4.15 0.00	83.64 3.29 0.00	84.81 3.26 0.00	78.30 2.99 0.00	74.38 2.70 0.00	69.51 2.23 0.00	77.46 2.22 0.00
RUSSELL___1 23602	75.38 -2.53 0.00	80.18 -2.59 0.00	89.00 -3.28 0.00	107.34 -4.18 0.00	97.36 -3.64 0.00	72.78 -2.49 0.00	76.81 -3.83 0.00	70.70 -4.29 0.00	102.43 -6.48 0.00	81.74 -4.64 0.00	71.34 -4.06 0.00	79.88 -4.95 0.00	94.23 -6.12 0.00	84.71 -5.49 0.00	110.42 -7.54 0.00	80.62 -4.91 0.00	88.50 -4.44 0.00	98.70 -4.79 0.00	76.35 -4.00 0.00	77.27 -4.21 0.08	70.72 -3.84 0.75	66.59 -3.80 1.28	63.92 -3.37 0.00	71.68 -3.56 0.00
RUSSELL___2 23532	75.38 -2.53 0.00	80.18 -2.59 0.00	89.00 -3.28 0.00	107.34 -4.18 0.00	97.36 -3.64 0.00	72.78 -2.49 0.00	76.81 -3.83 0.00	70.70 -4.29 0.00	102.43 -6.48 0.00	81.74 -4.64 0.00	71.34 -4.06 0.00	79.88 -4.95 0.00	94.23 -6.12 0.00	84.71 -5.49 0.00	110.42 -7.54 0.00	80.62 -4.91 0.00	88.50 -4.44 0.00	98.70 -4.79 0.00	76.35 -4.00 0.00	77.27 -4.21 0.08	70.72 -3.84 0.75	66.59 -3.80 1.28	63.92 -3.37 0.00	71.68 -3.56 0.00
RUSSELL___3 23549	75.38 -2.53 0.00	80.18 -2.59 0.00	89.00 -3.28 0.00	107.34 -4.18 0.00	97.36 -3.64 0.00	72.78 -2.49 0.00	76.81 -3.83 0.00	70.70 -4.29 0.00	102.43 -6.48 0.00	81.74 -4.64 0.00	71.34 -4.06 0.00	79.88 -4.95 0.00	94.23 -6.12 0.00	84.71 -5.49 0.00	110.42 -7.54 0.00	80.62 -4.91 0.00	88.50 -4.44 0.00	98.70 -4.79 0.00	76.35 -4.00 0.00	77.27 -4.21 0.08	70.72 -3.84 0.75	66.59 -3.80 1.28	63.92 -3.37 0.00	71.68 -3.56 0.00
RUSSELL___4 23556	75.38 -2.53 0.00	80.18 -2.59 0.00	89.00 -3.28 0.00	107.34 -4.18 0.00	97.36 -3.64 0.00	72.78 -2.49 0.00	76.81 -3.83 0.00	70.70 -4.29 0.00	102.43 -6.48 0.00	81.74 -4.64 0.00	71.34 -4.06 0.00	79.88 -4.95 0.00	94.23 -6.12 0.00	84.71 -5.49 0.00	110.42 -7.54 0.00	80.62 -4.91 0.00	88.50 -4.44 0.00	98.70 -4.79 0.00	76.35 -4.00 0.00	77.27 -4.21 0.08	70.72 -3.84 0.75	66.59 -3.80 1.28	63.92 -3.37 0.00	71.68 -3.56 0.00
RUSSELL___STATION 23914	75.38 -2.53 0.00	80.18 -2.59 0.00	89.00 -3.28 0.00	107.34 -4.18 0.00	97.36 -3.64 0.00	72.78 -2.49 0.00	76.81 -3.83 0.00	70.70 -4.29 0.00	102.43 -6.48 0.00	81.74 -4.64 0.00	71.34 -4.06 0.00	79.88 -4.95 0.00	94.23 -6.12 0.00	84.71 -5.49 0.00	110.42 -7.54 0.00	80.62 -4.91 0.00	88.50 -4.44 0.00	98.70 -4.79 0.00	76.35 -4.00 0.00	77.27 -4.21 0.08	70.72 -3.84 0.75	66.59 -3.80 1.28	63.92 -3.37 0.00	71.68 -3.56 0.00
S SALMON___HYD 24043	76.64 -1.26 0.00	81.46 -1.31 0.00	90.72 -1.57 0.00	109.55 -1.97 0.00	99.30 -1.70 0.00	74.17 -1.10 0.00	79.15 -1.49 0.00	73.58 -1.42 0.00	106.98 -1.93 0.00	84.94 -1.44 0.00	74.17 -1.23 0.00	83.13 -1.70 0.00	98.02 -2.32 0.00	88.08 -2.12 0.00	115.50 -2.45 0.00	83.89 -1.63 0.00	91.85 -1.09 0.00	102.74 -0.76 0.00	79.75 -0.61 0.00	80.75 -0.80 0.00	74.43 -0.88 0.00	70.69 -0.98 0.00	65.96 -1.33 0.00	73.75 -1.50 0.00
S.PERRY__115KV_TB1 80734	77.65 -0.25 0.00	82.59 -0.17 0.00	91.53 -0.75 0.00	110.57 -0.95 0.00	100.38 -0.62 0.00	75.13 -0.14 0.00	79.38 -1.27 0.00	73.20 -1.79 0.00	106.17 -2.74 0.00	84.71 -1.67 0.00	73.41 -1.99 0.00	82.11 -2.72 0.00	97.14 -3.20 0.00	87.46 -2.74 0.00	113.95 -4.01 0.00	82.82 -2.70 0.00	91.34 -1.61 0.00	102.71 -0.78 0.00	79.20 -1.16 0.00	81.56 -1.77 -1.78	90.30 -1.84 -16.84	96.56 -2.38 -27.27	65.09 -2.20 0.00	72.87 -2.37 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	72.79 -5.11 0.00	77.68 -5.09 0.00	86.16 -6.12 0.00	103.88 -7.64 0.00	94.34 -6.66 0.00	70.48 -4.79 0.00	73.49 -7.16 0.00	66.92 -8.07 0.00	96.65 -12.26 0.00	77.36 -9.02 0.00	67.51 -7.89 0.00	75.27 -9.55 0.00	88.67 -11.67 0.00	79.70 -10.51 0.00	103.51 -14.45 0.00	75.81 -9.72 0.00	83.39 -9.55 0.00	92.63 -10.86 0.00	71.48 -8.87 0.00	71.72 -9.34 0.49	62.20 -8.41 4.70	55.92 -8.08 7.67	60.40 -6.89 0.00	68.19 -7.04 0.00

SAWYER___23_KV_LOAD 55526	72.79 -5.11 0.00	77.68 -5.09 0.00	86.16 -6.12 0.00	103.88 -7.64 0.00	94.34 -6.66 0.00	70.48 -4.79 0.00	73.49 -7.16 0.00	66.92 -8.07 0.00	96.65 -12.26 0.00	77.36 -9.02 0.00	67.51 -7.89 0.00	75.27 -9.55 0.00	88.67 -11.67 0.00	79.70 -10.51 0.00	103.51 -14.45 0.00	75.81 -9.72 0.00	83.39 -9.55 0.00	92.63 -10.86 0.00	71.48 -8.87 0.00	71.72 -9.34 0.49	62.20 -8.41 4.70	55.92 -8.08 7.67	60.40 -6.89 0.00	68.19 -7.04 0.00
SELKIRK___I 23801	80.90 3.00 0.00	85.82 3.05 0.00	95.23 2.94 0.00	115.05 3.53 0.00	104.22 3.22 0.00	77.89 2.62 0.00	83.23 2.58 0.00	77.40 2.41 0.00	112.22 3.31 0.00	88.60 2.22 0.00	77.35 1.96 0.00	87.20 2.37 0.00	102.83 2.49 0.00	92.43 2.23 0.00	121.37 3.41 0.00	88.24 2.72 0.00	96.19 3.25 0.00	106.91 3.42 0.00	82.88 2.52 0.00	84.22 2.66 0.00	77.82 2.51 0.00	74.02 2.34 0.00	69.25 1.97 0.00	77.43 2.19 0.00
SELKIRK___II 23799	80.70 2.80 0.00	85.55 2.78 0.00	94.87 2.59 0.00	114.66 3.14 0.00	103.83 2.83 0.00	77.64 2.37 0.00	83.00 2.35 0.00	77.19 2.19 0.00	111.98 3.08 0.00	88.59 2.21 0.00	77.40 2.00 0.00	87.15 2.33 0.00	102.92 2.58 0.00	92.53 2.33 0.00	121.52 3.56 0.00	88.16 2.64 0.00	96.03 3.09 0.00	106.79 3.30 0.00	82.84 2.48 0.00	84.15 2.59 0.00	77.77 2.46 0.00	73.93 2.26 0.00	69.13 1.84 0.00	77.25 2.01 0.00
SENECA OSWGO___HYD 24041	75.62 -2.28 0.00	80.28 -2.49 0.00	89.23 -3.06 0.00	107.82 -3.70 0.00	97.69 -3.31 0.00	72.98 -2.29 0.00	77.92 -2.72 0.00	72.37 -2.62 0.00	105.06 -3.85 0.00	83.43 -2.95 0.00	72.86 -2.54 0.00	81.89 -2.94 0.00	96.83 -3.52 0.00	87.09 -3.11 0.00	113.85 -4.11 0.00	82.64 -2.89 0.00	90.32 -2.62 0.00	100.78 -2.72 0.00	78.18 -2.17 0.00	79.23 -2.32 0.00	73.07 -2.24 0.00	69.36 -2.32 0.00	64.92 -2.37 0.00	72.52 -2.73 0.00
SENECA___115KV_TB3 355854	73.96 -3.94 0.00	78.90 -3.87 0.00	87.50 -4.78 0.00	105.57 -5.95 0.00	95.93 -5.08 0.00	71.68 -3.59 0.00	74.81 -5.84 0.00	68.21 -6.78 0.00	98.53 -10.37 0.00	78.86 -7.52 0.00	68.79 -6.61 0.00	76.81 -8.01 0.00	90.52 -9.82 0.00	81.39 -8.81 0.00	105.78 -12.18 0.00	77.39 -8.14 0.00	85.15 -7.80 0.00	94.49 -9.01 0.00	72.89 -7.47 0.00	73.08 -7.96 0.51	63.23 -7.22 4.86	56.76 -7.01 7.91	61.37 -5.92 0.00	69.21 -6.03 0.00
SENECA___ENERGY 23797	76.60 -1.30 0.00	81.31 -1.46 0.00	90.05 -2.23 0.00	108.75 -2.77 0.00	98.64 -2.37 0.00	73.88 -1.38 0.00	78.59 -2.06 0.00	72.87 -2.12 0.00	105.69 -3.22 0.00	83.98 -2.40 0.00	73.37 -2.03 0.00	82.11 -2.72 0.00	96.74 -3.60 0.00	87.07 -3.13 0.00	113.93 -4.03 0.00	83.11 -2.41 0.00	90.79 -2.16 0.00	101.13 -2.36 0.00	78.36 -2.00 0.00	80.13 -1.68 -0.26	76.66 -1.14 -2.49	74.17 -1.65 -4.14	65.69 -1.60 0.00	73.03 -2.21 0.00
SHOEMAKER___GT 23640	81.90 4.00 0.00	86.54 3.77 0.00	95.76 3.48 0.00	115.48 3.96 0.00	104.61 3.60 0.00	78.37 3.11 0.00	84.08 3.43 0.00	78.23 3.23 0.00	113.31 4.40 0.00	89.45 3.07 0.00	78.07 2.68 0.00	87.84 3.01 0.00	103.83 3.49 0.00	93.61 3.41 0.00	122.52 4.57 0.00	89.50 3.97 0.00	98.25 5.30 0.00	110.14 6.65 0.00	85.60 5.25 0.00	86.75 5.20 0.00	80.05 4.74 0.00	75.90 4.23 0.00	70.55 3.27 0.00	78.37 3.13 0.00
SHOEMAKR_138KV_BK 111 55601	81.82 3.92 0.00	86.42 3.65 0.00	95.63 3.35 0.00	115.32 3.80 0.00	104.47 3.47 0.00	78.27 3.00 0.00	83.95 3.31 0.00	78.09 3.11 0.00	113.16 4.25 0.00	89.37 2.99 0.00	78.02 2.62 0.00	87.84 3.01 0.00	103.78 3.44 0.00	93.53 3.33 0.00	122.35 4.40 0.00	89.38 3.86 0.00	98.11 5.17 0.00	109.99 6.50 0.00	85.50 5.14 0.00	86.64 5.09 0.00	79.96 4.65 0.00	75.82 4.15 0.00	70.48 3.19 0.00	78.27 3.03 0.00
SHOREHAM_IC_1 23715	85.76 7.86 0.00	90.51 7.74 0.00	99.41 7.13 0.00	119.83 8.31 0.00	107.47 6.46 0.00	81.79 6.52 0.00	87.75 7.10 0.00	81.81 6.81 0.00	118.09 9.18 0.00	92.72 6.34 0.00	80.39 4.99 0.00	91.39 6.56 0.00	107.88 7.54 0.00	97.84 7.64 0.00	127.69 9.73 0.00	143.49 8.90 -49.06	111.16 11.60 -6.62	125.56 14.12 -7.95	115.87 11.41 -24.10	114.12 11.35 -21.22	115.66 10.24 -30.11	92.64 9.29 -11.68	74.83 7.54 0.00	82.84 7.59 0.00
SHOREHAM_IC_2 23716	85.76 7.86 0.00	90.51 7.74 0.00	99.41 7.13 0.00	119.83 8.31 0.00	107.47 6.46 0.00	81.79 6.52 0.00	87.75 7.10 0.00	81.81 6.81 0.00	118.09 9.18 0.00	92.72 6.34 0.00	80.39 4.99 0.00	91.39 6.56 0.00	107.88 7.54 0.00	97.84 7.64 0.00	127.69 9.73 0.00	143.49 8.90 -49.06	111.16 11.60 -6.62	125.56 14.12 -7.95	115.87 11.41 -24.10	114.12 11.35 -21.22	115.66 10.24 -30.11	92.64 9.29 -11.68	74.83 7.54 0.00	82.84 7.59 0.00
SISSONVILLE____ 23735	77.76 -0.14 0.00	83.08 0.31 0.00	93.57 1.28 0.00	113.03 1.51 0.00	102.23 1.23 0.00	75.34 0.07 0.00	80.57 -0.08 0.00	74.41 -0.58 0.00	108.48 -0.43 0.00	86.26 -0.12 0.00	75.06 -0.34 0.00	84.15 -0.68 0.00	99.88 -0.47 0.00	89.92 -0.28 0.00	117.87 -0.09 0.00	85.11 -0.41 0.00	91.14 -1.80 0.00	101.43 -2.07 0.00	78.77 -1.59 0.00	79.96 -1.60 0.00	73.78 -1.54 0.00	71.02 -0.66 0.00	67.72 0.44 0.00	76.50 1.26 0.00
SITHE_IND_GS1 24169	74.83 -3.07 0.00	79.49 -3.28 0.00	88.44 -3.84 0.00	106.82 -4.70 0.00	96.78 -4.23 0.00	72.25 -3.02 0.00	77.17 -3.47 0.00	71.65 -3.34 0.00	104.00 -4.91 0.00	82.57 -3.81 0.00	72.10 -3.30 0.00	81.03 -3.79 0.00	95.80 -4.54 0.00	86.15 -4.05 0.00	112.60 -5.36 0.00	81.79 -3.74 0.00	89.18 -3.76 0.00	99.42 -4.07 0.00	77.15 -3.21 0.00	78.21 -3.34 0.00	72.20 -3.11 0.00	68.61 -3.06 0.00	64.32 -2.97 0.00	71.88 -3.36 0.00
SITHE_IND_GS2 24170	74.83 -3.07 0.00	79.49 -3.28 0.00	88.44 -3.84 0.00	106.82 -4.70 0.00	96.78 -4.23 0.00	72.25 -3.02 0.00	77.17 -3.47 0.00	71.65 -3.34 0.00	104.00 -4.91 0.00	82.57 -3.81 0.00	72.10 -3.30 0.00	81.03 -3.79 0.00	95.80 -4.54 0.00	86.15 -4.05 0.00	112.60 -5.36 0.00	81.79 -3.74 0.00	89.18 -3.76 0.00	99.42 -4.07 0.00	77.15 -3.21 0.00	78.21 -3.34 0.00	72.20 -3.11 0.00	68.61 -3.06 0.00	64.32 -2.97 0.00	71.88 -3.36 0.00
SITHE_IND_GS3 24171	74.83 -3.07 0.00	79.49 -3.28 0.00	88.44 -3.84 0.00	106.82 -4.70 0.00	96.78 -4.23 0.00	72.25 -3.02 0.00	77.17 -3.47 0.00	71.65 -3.34 0.00	104.00 -4.91 0.00	82.57 -3.81 0.00	72.10 -3.30 0.00	81.03 -3.79 0.00	95.80 -4.54 0.00	86.15 -4.05 0.00	112.60 -5.36 0.00	81.79 -3.74 0.00	89.18 -3.76 0.00	99.42 -4.07 0.00	77.15 -3.21 0.00	78.21 -3.34 0.00	72.20 -3.11 0.00	68.61 -3.06 0.00	64.32 -2.97 0.00	71.88 -3.36 0.00
SITHE_IND_GS4 24172	74.83 -3.07 0.00	79.49 -3.28 0.00	88.44 -3.84 0.00	106.82 -4.70 0.00	96.78 -4.23 0.00	72.25 -3.02 0.00	77.17 -3.47 0.00	71.65 -3.34 0.00	104.00 -4.91 0.00	82.57 -3.81 0.00	72.10 -3.30 0.00	81.03 -3.79 0.00	95.80 -4.54 0.00	86.15 -4.05 0.00	112.60 -5.36 0.00	81.79 -3.74 0.00	89.18 -3.76 0.00	99.42 -4.07 0.00	77.15 -3.21 0.00	78.21 -3.34 0.00	72.20 -3.11 0.00	68.61 -3.06 0.00	64.32 -2.97 0.00	71.88 -3.36 0.00

SITHE___BATAVIA 24024	74.96 -2.83 0.11	79.94 -2.83 0.00	88.64 -3.64 0.00	106.81 -4.71 0.00	96.99 -4.01 0.00	72.52 -2.75 0.00	75.99 -4.65 0.00	69.58 -5.41 0.00	100.68 -8.23 0.00	80.49 -5.89 0.00	69.95 -5.45 0.00	77.89 -6.94 0.00	91.48 -8.87 0.00	82.61 -7.59 0.00	107.66 -10.30 0.00	78.76 -6.76 0.00	86.91 -6.03 0.00	97.05 -6.44 0.00	75.03 -5.32 0.00	75.66 -5.63 0.26	67.80 -4.97 2.54	62.72 -4.80 4.15	62.86 -4.42 0.00	70.82 -4.42 0.00
SITHE___INDEPEND 23800	74.83 -3.07 0.00	79.49 -3.28 0.00	88.44 -3.84 0.00	106.82 -4.70 0.00	96.77 -4.23 0.00	72.25 -3.02 0.00	77.17 -3.48 0.00	71.65 -3.34 0.00	104.00 -4.91 0.00	82.56 -3.82 0.00	72.09 -3.30 0.00	81.03 -3.80 0.00	95.80 -4.54 0.00	86.15 -4.05 0.00	112.60 -5.36 0.00	81.78 -3.75 0.00	89.19 -3.75 0.00	99.42 -4.07 0.00	77.14 -3.22 0.00	78.22 -3.34 0.00	72.20 -3.11 0.00	68.61 -3.06 0.00	64.32 -2.96 0.00	71.89 -3.35 0.00
SITHE___MASSENA 23902	77.98 0.07 0.00	83.23 0.46 0.00	93.64 1.36 0.00	113.14 1.62 0.00	102.34 1.33 0.00	75.70 0.44 0.00	81.35 0.71 0.00	75.63 0.64 0.00	110.16 1.25 0.00	87.55 1.18 0.00	76.25 0.86 0.00	85.61 0.78 0.00	101.42 1.07 0.00	91.29 1.08 0.00	119.52 1.56 0.00	86.24 0.71 0.00	92.69 -0.25 0.00	102.95 -0.55 0.00	79.89 -0.47 0.00	81.11 -0.44 0.00	74.93 -0.38 0.00	71.61 -0.07 0.00	67.95 0.67 0.00	76.49 1.25 0.00
SITHE___OGDNSBRG 24021	79.20 1.29 0.00	84.60 1.83 0.00	95.28 3.00 0.00	115.05 3.53 0.00	104.09 3.09 0.00	76.82 1.55 0.00	82.47 1.82 0.00	76.52 1.53 0.00	111.53 2.62 0.00	88.59 2.21 0.00	76.96 1.57 0.00	86.25 1.42 0.00	101.80 1.46 0.00	91.74 1.54 0.00	120.15 2.19 0.00	86.99 1.46 0.00	93.59 0.64 0.00	104.28 0.79 0.00	80.91 0.56 0.00	82.08 0.52 0.00	75.82 0.51 0.00	72.61 0.93 0.00	69.04 1.75 0.00	77.88 2.64 0.00
SITHE___STERLING 23777	80.06 2.16 0.00	85.12 2.35 0.00	94.66 2.37 0.00	114.41 2.89 0.00	103.74 2.74 0.00	77.55 2.28 0.00	83.00 2.36 0.00	77.21 2.21 0.00	112.20 3.29 0.00	89.09 2.71 0.00	77.76 2.37 0.00	87.41 2.58 0.00	103.26 2.92 0.00	92.87 2.67 0.00	121.63 3.67 0.00	88.38 2.86 0.00	96.54 3.60 0.00	107.37 3.88 0.00	83.41 3.05 0.00	84.45 2.90 0.00	77.74 2.43 0.00	73.67 2.00 0.00	68.83 1.54 0.00	76.81 1.57 0.00
SLEIGHT__34_KV_TB1 80719	75.77 -2.13 0.00	80.52 -2.25 0.00	89.34 -2.94 0.00	107.87 -3.66 0.00	97.82 -3.18 0.00	73.11 -2.16 0.00	77.56 -3.09 0.00	71.65 -3.34 0.00	103.93 -4.98 0.00	82.74 -3.64 0.00	72.26 -3.14 0.00	81.00 -3.83 0.00	95.60 -4.74 0.00	85.86 -4.34 0.00	112.11 -5.85 0.00	81.84 -3.69 0.00	89.59 -3.35 0.00	99.96 -3.53 0.00	77.38 -2.97 0.00	78.33 -3.22 0.00	71.83 -3.12 0.36	66.44 -3.78 1.46	63.82 -3.46 0.00	71.71 -3.54 0.00
SOUTH CAIRO___GT 23612	84.79 6.88 0.00	89.82 7.05 0.00	99.56 7.28 0.00	120.28 8.76 0.00	108.92 7.92 0.00	81.43 6.16 0.00	86.96 6.32 0.00	81.06 6.07 0.00	117.79 8.88 0.00	92.90 6.52 0.00	80.54 5.14 0.00	90.31 5.48 0.00	105.69 5.35 0.00	95.02 4.82 0.00	126.08 8.12 0.00	92.36 6.83 0.00	101.16 8.21 0.00	112.68 9.18 0.00	87.18 6.82 0.00	88.38 6.83 0.00	81.52 6.20 0.00	77.36 5.68 0.00	72.22 4.93 0.00	80.79 5.55 0.00
SOUTH HAMPTN___IC 23720	85.68 7.78 0.00	90.42 7.65 0.00	99.38 7.10 0.00	119.73 8.21 0.00	107.55 6.54 0.00	81.77 6.50 0.00	87.75 7.11 0.00	81.86 6.87 0.00	118.15 9.24 0.00	92.72 6.34 0.00	80.41 5.01 0.00	91.75 6.92 0.00	108.46 8.12 0.00	98.57 8.37 0.00	128.73 10.77 0.00	144.27 9.69 -49.06	112.11 12.55 -6.62	126.59 15.14 -7.95	116.73 12.27 -24.10	115.00 12.23 -21.22	116.44 11.02 -30.11	93.37 10.01 -11.68	75.20 7.91 0.00	83.44 8.20 0.00
SOUTHDOW_115KV_TB1 355954	76.20 -1.71 0.00	81.14 -1.63 0.00	90.09 -2.19 0.00	108.72 -2.80 0.00	98.76 -2.24 0.00	73.98 -1.28 0.00	77.41 -3.23 0.00	70.79 -4.20 0.00	102.49 -6.42 0.00	81.95 -4.43 0.00	71.83 -3.56 0.00	80.28 -4.55 0.00	94.61 -5.74 0.00	84.89 -5.31 0.00	109.94 -8.02 0.00	80.18 -5.34 0.00	88.11 -4.83 0.00	97.15 -6.34 0.00	74.27 -6.08 0.00	74.80 -6.47 0.28	66.77 -5.90 2.64	61.25 -6.12 4.31	62.13 -5.16 0.00	70.07 -5.17 0.00
SOUTHOLD_69_KV_BK 2 55809	85.27 7.37 0.00	89.95 7.18 0.00	98.86 6.58 0.00	119.16 7.63 0.00	107.05 6.04 0.00	81.46 6.19 0.00	87.46 6.82 0.00	81.71 6.72 0.00	117.95 9.04 0.00	92.41 6.03 0.00	80.25 4.85 0.00	92.17 7.34 0.00	109.30 8.96 0.00	99.73 9.53 0.00	130.47 12.51 0.00	145.62 11.03 -49.06	113.77 14.21 -6.62	128.42 16.98 -7.95	118.29 13.83 -24.10	116.61 13.84 -21.22	117.88 12.45 -30.11	94.65 11.30 -11.68	75.78 8.49 0.00	84.45 9.21 0.00
SOUTHOLD___IC 23719	85.27 7.36 0.00	89.95 7.18 0.00	98.86 6.58 0.00	119.15 7.63 0.00	107.06 6.05 0.00	81.46 6.19 0.00	87.46 6.81 0.00	81.71 6.72 0.00	117.95 9.05 0.00	92.42 6.03 0.00	80.25 4.85 0.00	92.17 7.34 0.00	109.29 8.95 0.00	99.73 9.53 0.00	130.47 12.51 0.00	145.61 11.02 -49.06	113.76 14.20 -6.62	128.42 16.97 -7.95	118.29 13.83 -24.10	116.61 13.84 -21.22	117.88 12.46 -30.11	94.65 11.30 -11.68	75.78 8.49 0.00	84.45 9.20 0.00
SOUTH_FORK_WT_PWR 323839	84.07 6.17 0.00	88.66 5.89 0.00	97.44 5.16 0.00	117.43 5.91 0.00	105.50 4.50 0.00	80.31 5.04 0.00	86.28 5.63 0.00	80.67 5.68 0.00	116.48 7.57 0.00	91.20 4.82 0.00	79.33 3.94 0.00	91.62 6.79 0.00	108.95 8.61 0.00	99.70 9.50 0.00	130.61 12.65 0.00	145.69 11.10 -49.06	113.85 14.29 -6.62	128.46 17.02 -7.95	118.45 13.99 -24.10	116.77 14.00 -21.22	117.99 12.57 -30.11	94.76 11.41 -11.68	75.46 8.18 0.00	84.39 9.15 0.00
SPIERFLS_115KV_TB 1 80737	82.91 5.01 0.00	87.95 5.19 0.00	97.41 5.13 0.00	117.86 6.34 0.00	106.70 5.69 0.00	79.91 4.64 0.00	85.70 5.05 0.00	79.92 4.92 0.00	116.03 7.12 0.00	91.82 5.44 0.00	80.07 4.68 0.00	89.84 5.01 0.00	106.03 5.69 0.00	95.13 4.93 0.00	124.53 6.57 0.00	90.80 5.28 0.00	99.77 6.83 0.00	111.93 8.43 0.00	86.96 6.61 0.00	88.00 6.44 0.00	81.10 5.79 0.00	76.85 5.17 0.00	71.67 4.38 0.00	79.60 4.36 0.00
ST LAWRENCE____ 23600	77.15 -0.75 0.00	82.31 -0.45 0.00	92.58 0.30 0.00	111.89 0.36 0.00	101.21 0.21 0.00	74.96 -0.31 0.00	80.61 -0.03 0.00	75.04 0.05 0.00	109.26 0.35 0.00	86.87 0.49 0.00	75.68 0.28 0.00	85.01 0.18 0.00	100.66 0.32 0.00	90.61 0.41 0.00	118.57 0.61 0.00	85.55 0.03 0.00	92.04 -0.91 0.00	102.17 -1.32 0.00	79.29 -1.07 0.00	80.51 -1.04 0.00	74.41 -0.90 0.00	71.00 -0.67 0.00	67.27 -0.02 0.00	75.64 0.40 0.00
STATE_CA_115KV_115_LB 55624	81.30 3.40 0.00	86.12 3.35 0.00	95.45 3.17 0.00	115.35 3.83 0.00	104.47 3.46 0.00	78.15 2.88 0.00	83.61 2.96 0.00	77.75 2.76 0.00	112.81 3.90 0.00	89.29 2.91 0.00	78.00 2.61 0.00	87.72 2.89 0.00	103.61 3.26 0.00	93.09 2.89 0.00	122.67 4.72 0.00	88.89 3.37 0.00	96.80 3.86 0.00	107.48 3.99 0.00	83.24 2.89 0.00	84.64 3.08 0.00	78.22 2.91 0.00	74.35 2.68 0.00	69.49 2.21 0.00	77.71 2.47 0.00

STATE_ST_34_KV_LOAD 55959	78.24 0.34 0.00	83.04 0.27 0.00	92.14 -0.14 0.00	111.39 -0.13 0.00	101.00 0.00 0.00	75.48 0.22 0.00	80.45 -0.19 0.00	74.64 -0.35 0.00	108.44 -0.47 0.00	85.90 -0.48 0.00	75.14 -0.25 0.00	84.31 -0.52 0.00	99.60 -0.75 0.00	89.54 -0.66 0.00	116.72 -1.24 0.00	85.28 -0.25 0.00	93.01 0.07 0.00	103.77 0.28 0.00	80.49 0.13 0.00	81.69 0.04 -0.10	76.34 -0.02 -1.05	73.40 -0.14 -1.87	67.16 -0.12 0.00	74.70 -0.54 0.00
STATION 5_MISC_HYD 23604	74.87 -2.97 0.07	79.76 -3.01 0.00	88.57 -3.71 0.00	106.81 -4.71 0.00	96.88 -4.13 0.00	72.40 -2.87 0.00	76.43 -4.22 0.00	70.30 -4.69 0.00	101.83 -7.08 0.00	81.22 -5.16 0.00	70.88 -4.51 0.00	79.36 -5.47 0.00	93.59 -6.75 0.00	84.14 -6.06 0.00	109.69 -8.27 0.00	80.09 -5.44 0.00	87.89 -5.06 0.00	97.98 -5.52 0.00	75.80 -4.55 0.00	76.71 -4.76 0.08	70.25 -4.31 0.75	66.13 -4.26 1.28	63.47 -3.81 0.00	71.28 -3.96 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	76.54 -1.36 0.00	81.34 -1.43 0.00	90.19 -2.09 0.00	108.86 -2.66 0.00	98.75 -2.26 0.00	73.93 -1.34 0.00	78.36 -2.28 0.00	72.40 -2.59 0.00	104.96 -3.95 0.00	83.61 -2.77 0.00	73.00 -2.40 0.00	81.71 -3.11 0.00	96.28 -4.06 0.00	86.55 -3.65 0.00	113.16 -4.80 0.00	82.58 -2.94 0.00	90.47 -2.47 0.00	100.92 -2.57 0.00	78.13 -2.23 0.00	80.76 -0.79 0.00	76.07 0.76 0.00	72.09 0.41 0.00	67.60 0.31 0.00	75.52 0.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	74.67 -3.23 0.00	79.46 -3.31 0.00	88.22 -4.06 0.00	106.44 -5.07 0.00	96.52 -4.48 0.00	72.15 -3.12 0.00	76.22 -4.43 0.00	70.16 -4.83 0.00	101.65 -7.26 0.00	81.06 -5.32 0.00	70.75 -4.65 0.00	79.24 -5.59 0.00	93.46 -6.89 0.00	84.00 -6.20 0.00	109.58 -8.38 0.00	79.95 -5.57 0.00	87.70 -5.24 0.00	97.77 -5.72 0.00	75.67 -4.69 0.00	76.54 -4.94 0.07	70.07 -4.51 0.74	65.96 -4.43 1.28	63.35 -3.93 0.00	71.07 -4.17 0.00
STA_56___34_KV_BUS2 355983	74.67 -3.23 0.00	79.46 -3.31 0.00	88.22 -4.06 0.00	106.44 -5.07 0.00	96.52 -4.48 0.00	72.15 -3.12 0.00	76.22 -4.43 0.00	70.16 -4.83 0.00	101.65 -7.26 0.00	81.06 -5.32 0.00	70.75 -4.65 0.00	79.24 -5.59 0.00	93.46 -6.89 0.00	84.00 -6.20 0.00	109.58 -8.38 0.00	79.95 -5.57 0.00	87.70 -5.24 0.00	97.77 -5.72 0.00	75.67 -4.69 0.00	76.54 -4.94 0.07	70.07 -4.51 0.74	65.96 -4.43 1.28	63.35 -3.93 0.00	71.07 -4.17 0.00
STA_67___115KV_BK2 355882	74.76 -3.15 0.00	79.58 -3.19 0.00	88.35 -3.94 0.00	106.57 -4.95 0.00	96.67 -4.34 0.00	72.24 -3.03 0.00	76.23 -4.41 0.00	70.12 -4.87 0.00	101.55 -7.36 0.00	81.01 -5.37 0.00	70.69 -4.71 0.00	79.15 -5.68 0.00	93.35 -7.00 0.00	83.91 -6.29 0.00	109.38 -8.58 0.00	79.85 -5.67 0.00	87.62 -5.32 0.00	97.65 -5.84 0.00	75.57 -4.79 0.00	76.46 -5.01 0.08	69.99 -4.55 0.76	65.91 -4.46 1.31	63.37 -3.91 0.00	71.10 -4.14 0.00
STA_7___115KV_9TRANS 80674	75.38 -2.53 0.00	80.18 -2.59 0.00	89.00 -3.28 0.00	107.34 -4.18 0.00	97.36 -3.64 0.00	72.78 -2.49 0.00	76.81 -3.83 0.00	70.70 -4.29 0.00	102.43 -6.48 0.00	81.74 -4.64 0.00	71.34 -4.06 0.00	79.88 -4.95 0.00	94.23 -6.12 0.00	84.71 -5.49 0.00	110.42 -7.54 0.00	80.62 -4.91 0.00	88.50 -4.44 0.00	98.70 -4.79 0.00	76.35 -4.00 0.00	77.27 -4.21 0.08	70.72 -3.84 0.75	66.59 -3.80 1.28	63.92 -3.37 0.00	71.68 -3.56 0.00
STA_82___115KV_TB1 80780	74.78 -3.12 0.00	79.61 -3.16 0.00	88.40 -3.88 0.00	106.64 -4.88 0.00	96.72 -4.29 0.00	72.27 -3.00 0.00	76.29 -4.35 0.00	70.15 -4.84 0.00	101.64 -7.27 0.00	81.05 -5.33 0.00	70.73 -4.67 0.00	79.18 -5.66 0.00	93.36 -6.98 0.00	83.93 -6.27 0.00	109.45 -8.51 0.00	79.87 -5.65 0.00	87.64 -5.30 0.00	97.74 -5.76 0.00	75.62 -4.74 0.00	76.51 -4.98 0.07	70.14 -4.51 0.67	66.12 -4.41 1.14	63.41 -3.88 0.00	71.15 -4.09 0.00
STEEL___WIND 323596	73.67 -4.07 0.16	78.73 -4.04 0.00	87.34 -4.94 0.00	105.43 -6.09 0.00	95.88 -5.13 0.00	71.59 -3.68 0.00	74.75 -5.90 0.00	68.10 -6.89 0.00	98.39 -10.52 0.00	78.72 -7.66 0.00	68.68 -6.72 0.00	76.67 -8.16 0.00	90.33 -10.01 0.00	81.25 -8.95 0.00	105.67 -12.29 0.00	77.29 -8.23 0.00	85.09 -7.85 0.00	94.36 -9.14 0.00	72.84 -7.52 0.00	72.98 -8.06 0.51	63.21 -7.25 4.86	56.77 -6.99 7.91	61.18 -6.11 0.00	69.10 -6.14 0.00
STEPHTWN_115KV_BK_2 55603	82.04 4.14 0.00	86.48 3.71 0.00	96.25 3.97 0.00	116.38 4.86 0.00	105.30 4.30 0.00	78.83 3.56 0.00	84.35 3.70 0.00	78.51 3.51 0.00	113.86 4.95 0.00	90.03 3.65 0.00	78.52 3.12 0.00	88.26 3.43 0.00	104.23 3.89 0.00	93.51 3.31 0.00	123.46 5.50 0.00	89.56 4.04 0.00	97.66 4.71 0.00	108.69 5.20 0.00	84.23 3.88 0.00	85.61 4.06 0.00	79.08 3.77 0.00	75.00 3.32 0.00	70.04 2.75 0.00	78.51 3.27 0.00
STEUBEN_REC_LFGE 323667	76.19 -1.71 0.00	80.96 -1.81 0.00	89.68 -2.60 0.00	108.30 -3.22 0.00	98.68 -2.33 0.00	74.02 -1.25 0.00	78.21 -2.44 0.00	72.29 -2.70 0.00	104.82 -4.09 0.00	83.52 -2.86 0.00	72.70 -2.70 0.00	81.23 -3.60 0.00	96.12 -4.23 0.00	86.70 -3.50 0.00	113.70 -4.25 0.00	82.87 -2.66 0.00	91.01 -1.93 0.00	101.03 -2.46 0.00	77.29 -3.07 0.00	78.88 -3.95 -1.27	83.49 -3.87 -12.04	86.35 -4.85 -19.53	62.42 -4.86 0.00	69.93 -5.31 0.00
STILLWATER___SOLAR 323814	82.44 4.54 0.00	87.46 4.69 0.00	96.95 4.67 0.00	117.19 5.67 0.00	106.09 5.09 0.00	79.37 4.10 0.00	85.03 4.39 0.00	79.19 4.20 0.00	114.90 6.00 0.00	90.95 4.57 0.00	79.32 3.93 0.00	89.03 4.20 0.00	105.20 4.85 0.00	94.46 4.26 0.00	123.65 5.69 0.00	90.10 4.57 0.00	98.81 5.86 0.00	110.56 7.07 0.00	85.93 5.57 0.00	87.06 5.51 0.00	80.34 5.03 0.00	76.22 4.54 0.00	71.14 3.86 0.00	79.14 3.90 0.00
STONY___BROOK 24151	85.48 7.57 0.00	90.24 7.47 0.00	99.29 7.01 0.00	119.50 7.98 0.00	107.70 6.70 0.00	81.51 6.25 0.00	87.44 6.80 0.00	81.56 6.57 0.00	117.80 8.90 0.00	92.69 6.31 0.00	80.42 5.03 0.00	91.33 6.49 0.00	107.76 7.41 0.00	97.64 7.43 0.00	127.19 9.23 0.00	142.95 8.36 -49.06	110.35 10.79 -6.62	124.59 13.14 -7.95	115.12 10.66 -24.10	113.34 10.57 -21.22	114.92 9.50 -30.11	92.02 8.67 -11.68	74.37 7.09 0.00	82.28 7.04 0.00
STURGEON_POOL_HYD 23609	85.71 7.81 0.00	90.37 7.60 0.00	99.79 7.51 0.00	120.22 8.70 0.00	108.94 7.94 0.00	81.76 6.49 0.00	87.82 7.17 0.00	81.84 6.85 0.00	118.61 9.71 0.00	93.50 7.12 0.00	81.37 5.97 0.00	91.45 6.62 0.00	107.73 7.39 0.00	97.21 7.01 0.00	127.52 9.56 0.00	93.63 8.11 0.00	103.26 10.31 0.00	116.24 12.74 0.00	90.34 9.98 0.00	91.46 9.90 0.00	84.26 8.95 0.00	79.72 8.05 0.00	73.83 6.55 0.00	81.75 6.51 0.00
ST_LAW_115_BK7_LBMP 345037	77.16 -0.75 0.00	82.34 -0.43 0.00	92.66 0.38 0.00	111.94 0.42 0.00	101.29 0.29 0.00	74.97 -0.29 0.00	80.63 -0.01 0.00	75.05 0.06 0.00	109.30 0.39 0.00	86.89 0.51 0.00	75.71 0.31 0.00	85.02 0.19 0.00	100.68 0.34 0.00	90.63 0.43 0.00	118.62 0.66 0.00	85.56 0.03 0.00	92.00 -0.95 0.00	102.08 -1.41 0.00	79.22 -1.13 0.00	80.46 -1.09 0.00	74.33 -0.98 0.00	70.99 -0.69 0.00	67.31 0.02 0.00	75.70 0.46 0.00

ST_LAW_115_BK8_LBMP 345038	77.16 -0.75 0.00	82.34 -0.43 0.00	92.66 0.38 0.00	111.94 0.42 0.00	101.29 0.29 0.00	74.97 -0.29 0.00	80.63 -0.01 0.00	75.05 0.06 0.00	109.30 0.39 0.00	86.89 0.51 0.00	75.71 0.31 0.00	85.02 0.19 0.00	100.68 0.34 0.00	90.63 0.43 0.00	118.62 0.66 0.00	85.56 0.03 0.00	92.00 -0.95 0.00	102.08 -1.41 0.00	79.22 -1.13 0.00	80.46 -1.09 0.00	74.33 -0.98 0.00	70.99 -0.69 0.00	67.31 0.02 0.00	75.70 0.46 0.00
ST_LAW_230_BK5_LBMP 345035	77.15 -0.75 0.00	82.31 -0.45 0.00	92.58 0.30 0.00	111.89 0.36 0.00	101.21 0.21 0.00	74.96 -0.31 0.00	80.61 -0.03 0.00	75.04 0.05 0.00	109.26 0.35 0.00	86.87 0.49 0.00	75.68 0.28 0.00	85.01 0.18 0.00	100.66 0.32 0.00	90.61 0.41 0.00	118.57 0.61 0.00	85.55 0.03 0.00	92.04 -0.91 0.00	102.17 -1.32 0.00	79.29 -1.07 0.00	80.51 -1.04 0.00	74.41 -0.90 0.00	71.00 -0.67 0.00	67.27 -0.02 0.00	75.64 0.40 0.00
ST_LAW_230_BK6_LBMP 345036	77.15 -0.75 0.00	82.31 -0.45 0.00	92.58 0.30 0.00	111.89 0.36 0.00	101.21 0.21 0.00	74.96 -0.31 0.00	80.61 -0.03 0.00	75.04 0.05 0.00	109.26 0.35 0.00	86.87 0.49 0.00	75.68 0.28 0.00	85.01 0.18 0.00	100.66 0.32 0.00	90.61 0.41 0.00	118.57 0.61 0.00	85.55 0.03 0.00	92.04 -0.91 0.00	102.17 -1.32 0.00	79.29 -1.07 0.00	80.51 -1.04 0.00	74.41 -0.90 0.00	71.00 -0.67 0.00	67.27 -0.02 0.00	75.64 0.40 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	82.06 4.16 0.00	86.60 3.83 0.00	95.77 3.49 0.00	115.44 3.91 0.00	104.58 3.58 0.00	78.38 3.12 0.00	84.13 3.49 0.00	78.27 3.28 0.00	113.38 4.48 0.00	89.55 3.17 0.00	78.22 2.83 0.00	88.17 3.34 0.00	104.12 3.77 0.00	93.79 3.59 0.00	122.53 4.58 0.00	89.61 4.08 0.00	98.41 5.47 0.00	110.44 6.95 0.00	85.85 5.49 0.00	86.98 5.43 0.00	80.29 4.98 0.00	76.11 4.43 0.00	70.67 3.39 0.00	78.44 3.20 0.00
SWANROAD_115KV_TB1 355699	71.02 -6.89 0.00	75.83 -6.94 0.00	84.10 -8.18 0.00	101.27 -10.25 0.00	92.03 -8.97 0.00	68.73 -6.54 0.00	71.46 -9.18 0.00	65.00 -9.99 0.00	93.81 -15.10 0.00	75.15 -11.23 0.00	65.55 -9.85 0.00	72.98 -11.85 0.00	85.81 -14.53 0.00	77.16 -13.04 0.00	100.13 -17.83 0.00	73.50 -12.03 0.00	80.92 -12.02 0.00	89.95 -13.55 0.00	69.45 -10.91 0.00	69.87 -11.31 0.38	61.62 -10.03 3.66	56.44 -9.32 5.92	58.92 -8.37 0.00	66.63 -8.61 0.00
SYNERGY___BIOGAS 323694	74.96 -2.83 0.11	79.94 -2.83 0.00	88.64 -3.64 0.00	106.81 -4.71 0.00	96.99 -4.01 0.00	72.52 -2.75 0.00	75.99 -4.65 0.00	69.58 -5.41 0.00	100.68 -8.23 0.00	80.49 -5.89 0.00	69.95 -5.45 0.00	77.89 -6.94 0.00	91.48 -8.87 0.00	82.61 -7.59 0.00	107.66 -10.30 0.00	78.76 -6.76 0.00	86.91 -6.03 0.00	97.05 -6.44 0.00	75.03 -5.32 0.00	75.66 -5.63 0.26	67.80 -4.97 2.54	62.72 -4.80 4.15	62.86 -4.42 0.00	70.82 -4.42 0.00
SYRACUSE___ENERGY_ST1 323597	77.40 -0.50 0.00	82.14 -0.62 0.00	91.22 -1.06 0.00	110.24 -1.29 0.00	99.92 -1.08 0.00	74.70 -0.57 0.00	79.64 -1.01 0.00	73.93 -1.06 0.00	107.37 -1.54 0.00	85.23 -1.15 0.00	74.47 -0.93 0.00	83.74 -1.10 0.00	99.01 -1.33 0.00	89.03 -1.17 0.00	116.33 -1.63 0.00	84.61 -0.91 0.00	92.39 -0.55 0.00	103.01 -0.48 0.00	79.90 -0.46 0.00	80.94 -0.62 0.00	74.63 -0.68 0.00	70.83 -0.85 0.00	66.32 -0.97 0.00	74.01 -1.23 0.00
SYRACUSE___ENERGY_ST2 323598	77.40 -0.50 0.00	82.14 -0.62 0.00	91.22 -1.06 0.00	110.24 -1.29 0.00	99.92 -1.08 0.00	74.70 -0.57 0.00	79.64 -1.01 0.00	73.93 -1.06 0.00	107.37 -1.54 0.00	85.23 -1.15 0.00	74.47 -0.93 0.00	83.74 -1.10 0.00	99.01 -1.33 0.00	89.03 -1.17 0.00	116.33 -1.63 0.00	84.61 -0.91 0.00	92.39 -0.55 0.00	103.01 -0.48 0.00	79.90 -0.46 0.00	80.94 -0.62 0.00	74.63 -0.68 0.00	70.83 -0.85 0.00	66.32 -0.97 0.00	74.01 -1.23 0.00
SYRACUSE___POWER 24017	77.24 -0.66 0.00	81.99 -0.78 0.00	91.04 -1.24 0.00	110.02 -1.50 0.00	99.71 -1.29 0.00	74.55 -0.72 0.00	79.54 -1.10 0.00	73.85 -1.14 0.00	107.21 -1.69 0.00	85.17 -1.21 0.00	74.38 -1.02 0.00	83.60 -1.23 0.00	98.88 -1.47 0.00	88.93 -1.27 0.00	116.23 -1.73 0.00	84.49 -1.04 0.00	92.30 -0.64 0.00	102.94 -0.55 0.00	79.85 -0.50 0.00	80.88 -0.68 0.00	74.57 -0.74 0.00	70.75 -0.93 0.00	66.22 -1.07 0.00	73.93 -1.31 0.00
TALLMAN___138KV_BK151 55660	82.20 4.30 0.00	86.68 3.92 0.00	95.80 3.52 0.00	115.45 3.92 0.00	104.58 3.58 0.00	78.43 3.16 0.00	84.25 3.61 0.00	78.35 3.36 0.00	113.47 4.56 0.00	89.59 3.21 0.00	78.27 2.87 0.00	88.26 3.43 0.00	104.19 3.85 0.00	93.85 3.65 0.00	122.51 4.55 0.00	89.74 4.21 0.00	98.64 5.69 0.00	110.79 7.30 0.00	86.13 5.78 0.00	87.28 5.72 0.00	80.55 5.24 0.00	76.36 4.68 0.00	70.82 3.53 0.00	78.56 3.32 0.00
TEALLAVE_115KV_TB7 355573	76.66 -1.24 0.00	81.38 -1.39 0.00	90.38 -1.90 0.00	109.22 -2.30 0.00	98.96 -2.04 0.00	73.98 -1.29 0.00	78.92 -1.73 0.00	73.27 -1.72 0.00	106.35 -2.55 0.00	84.46 -1.92 0.00	73.77 -1.62 0.00	82.92 -1.91 0.00	98.04 -2.30 0.00	88.18 -2.02 0.00	115.26 -2.70 0.00	83.78 -1.75 0.00	91.51 -1.44 0.00	102.06 -1.44 0.00	79.16 -1.20 0.00	80.19 -1.36 0.00	73.95 -1.36 0.00	70.18 -1.49 0.00	65.69 -1.60 0.00	73.36 -1.88 0.00
TELGRAPH_34_KV_EAST 80808	73.28 -4.62 0.00	78.14 -4.64 0.00	86.64 -5.64 0.00	104.41 -7.11 0.00	94.83 -6.18 0.00	70.87 -4.40 0.00	73.98 -6.67 0.00	67.51 -7.48 0.00	97.57 -11.33 0.00	78.11 -8.27 0.00	68.06 -7.34 0.00	75.88 -8.95 0.00	89.23 -11.11 0.00	80.33 -9.87 0.00	104.40 -13.55 0.00	76.48 -9.04 0.00	84.26 -8.69 0.00	93.76 -9.73 0.00	72.42 -7.94 0.00	72.93 -8.30 0.32	64.81 -7.39 3.10	59.61 -7.01 5.05	61.09 -6.20 0.00	68.91 -6.34 0.00
TEMPLE___115KV_TB 2 55572	76.71 -1.20 0.00	81.45 -1.32 0.00	90.43 -1.85 0.00	109.28 -2.24 0.00	99.04 -1.97 0.00	74.03 -1.24 0.00	78.97 -1.67 0.00	73.32 -1.67 0.00	106.42 -2.49 0.00	84.52 -1.87 0.00	73.81 -1.59 0.00	82.98 -1.85 0.00	98.12 -2.23 0.00	88.23 -1.97 0.00	115.34 -2.62 0.00	83.82 -1.70 0.00	91.58 -1.37 0.00	102.12 -1.37 0.00	79.20 -1.15 0.00	80.25 -1.31 0.00	73.98 -1.33 0.00	70.23 -1.44 0.00	65.75 -1.54 0.00	73.42 -1.83 0.00
TIANA____69_KV_BK 1 55817	85.88 7.98 0.00	90.62 7.85 0.00	99.59 7.31 0.00	119.99 8.47 0.00	107.76 6.76 0.00	81.92 6.65 0.00	87.92 7.27 0.00	82.00 7.01 0.00	118.34 9.43 0.00	92.89 6.51 0.00	80.53 5.13 0.00	91.72 6.89 0.00	108.35 8.01 0.00	98.38 8.18 0.00	128.44 10.48 0.00	144.06 9.48 -49.06	111.85 12.29 -6.62	126.31 14.86 -7.95	116.49 12.03 -24.10	114.76 11.99 -21.22	116.21 10.78 -30.11	93.16 9.81 -11.68	75.16 7.88 0.00	83.29 8.04 0.00
TILDEN___115KV_TB1 80814	77.24 -0.66 0.00	81.99 -0.78 0.00	91.04 -1.24 0.00	110.02 -1.50 0.00	99.71 -1.29 0.00	74.55 -0.72 0.00	79.54 -1.10 0.00	73.85 -1.14 0.00	107.21 -1.69 0.00	85.17 -1.21 0.00	74.38 -1.02 0.00	83.60 -1.23 0.00	98.88 -1.47 0.00	88.93 -1.27 0.00	116.23 -1.73 0.00	84.49 -1.04 0.00	92.30 -0.64 0.00	102.94 -0.55 0.00	79.85 -0.50 0.00	80.88 -0.68 0.00	74.57 -0.74 0.00	70.75 -0.93 0.00	66.22 -1.07 0.00	73.93 -1.31 0.00

TRIGEN___CC 323695	84.09 6.19 0.00	88.81 6.04 0.00	97.92 5.64 0.00	117.82 6.29 0.00	106.60 5.60 0.00	80.25 4.98 0.00	86.06 5.42 0.00	80.17 5.18 0.00	115.90 6.99 0.00	91.47 5.09 0.00	79.59 4.19 0.00	90.33 5.50 0.00	106.56 6.22 0.00	96.30 6.10 0.00	125.24 7.29 0.00	141.20 6.62 -49.06	107.98 8.43 -6.62	121.57 10.13 -7.95	112.59 8.14 -24.10	110.87 8.10 -21.22	112.77 7.36 -30.11	90.05 6.70 -11.68	72.71 5.42 0.00	80.57 5.33 0.00
TRINITY___115KV___4 BK 55933	81.05 3.14 0.00	85.84 3.07 0.00	95.15 2.87 0.00	115.02 3.50 0.00	104.13 3.13 0.00	77.90 2.63 0.00	83.31 2.67 0.00	77.47 2.48 0.00	112.41 3.50 0.00	88.96 2.58 0.00	77.74 2.34 0.00	87.42 2.59 0.00	103.25 2.91 0.00	92.78 2.58 0.00	122.18 4.23 0.00	88.53 3.01 0.00	96.36 3.42 0.00	107.00 3.51 0.00	82.87 2.52 0.00	84.25 2.70 0.00	77.92 2.61 0.00	74.08 2.41 0.00	69.25 1.96 0.00	77.46 2.22 0.00
UNION___PROCESSING_DRP 323587	74.82 -3.09 0.00	79.63 -3.13 0.00	88.42 -3.86 0.00	106.66 -4.86 0.00	96.72 -4.28 0.00	72.30 -2.97 0.00	76.31 -4.33 0.00	70.19 -4.80 0.00	101.65 -7.26 0.00	81.08 -5.30 0.00	70.75 -4.65 0.00	79.19 -5.64 0.00	93.37 -6.97 0.00	83.96 -6.24 0.00	109.47 -8.49 0.00	79.90 -5.63 0.00	87.69 -5.25 0.00	97.74 -5.75 0.00	75.64 -4.72 0.00	76.55 -4.94 0.07	70.15 -4.45 0.70	66.11 -4.37 1.20	63.44 -3.85 0.00	71.18 -4.06 0.00
UPPER HUDSON___HYD 24058	82.91 5.01 0.00	87.96 5.19 0.00	97.41 5.12 0.00	117.85 6.33 0.00	106.70 5.69 0.00	79.91 4.65 0.00	85.70 5.06 0.00	79.92 4.92 0.00	116.03 7.12 0.00	91.82 5.44 0.00	80.08 4.68 0.00	89.84 5.01 0.00	106.03 5.69 0.00	95.12 4.92 0.00	124.53 6.57 0.00	90.80 5.28 0.00	99.77 6.83 0.00	111.93 8.43 0.00	86.96 6.61 0.00	88.00 6.44 0.00	81.11 5.80 0.00	76.86 5.18 0.00	71.67 4.39 0.00	79.60 4.36 0.00
UPPER RAQUET___HYD 24056	77.76 -0.14 0.00	83.08 0.31 0.00	93.56 1.28 0.00	113.03 1.51 0.00	102.23 1.23 0.00	75.34 0.07 0.00	80.57 -0.08 0.00	74.41 -0.58 0.00	108.48 -0.43 0.00	86.26 -0.12 0.00	75.06 -0.33 0.00	84.15 -0.68 0.00	99.88 -0.47 0.00	89.92 -0.28 0.00	117.87 -0.09 0.00	85.12 -0.41 0.00	91.14 -1.80 0.00	101.43 -2.06 0.00	78.77 -1.59 0.00	79.96 -1.60 0.00	73.77 -1.54 0.00	71.02 -0.65 0.00	67.72 0.44 0.00	76.50 1.25 0.00
VALLEY44_115KV_TB2 355964	75.82 -2.08 0.00	80.87 -1.90 0.00	89.72 -2.56 0.00	108.56 -2.96 0.00	98.58 -2.42 0.00	73.73 -1.54 0.00	77.07 -3.58 0.00	70.30 -4.69 0.00	101.57 -7.33 0.00	81.10 -5.28 0.00	71.47 -3.93 0.00	80.50 -4.33 0.00	95.23 -5.11 0.00	85.52 -4.68 0.00	111.27 -6.69 0.00	81.32 -4.21 0.00	89.20 -3.74 0.00	98.29 -5.20 0.00	75.52 -4.84 0.00	76.21 -5.16 0.18	68.68 -4.86 1.76	64.18 -4.60 2.89	63.73 -3.56 0.00	71.58 -3.66 0.00
VALLEY___115KV_TB 1-4 80826	79.62 1.72 0.00	84.36 1.59 0.00	93.52 1.24 0.00	113.00 1.48 0.00	102.26 1.26 0.00	76.80 1.54 0.00	82.37 1.73 0.00	76.74 1.75 0.00	111.34 2.43 0.00	88.23 1.85 0.00	76.79 1.39 0.00	86.22 1.39 0.00	101.81 1.46 0.00	91.21 1.01 0.00	119.60 1.64 0.00	87.38 1.85 0.00	96.13 3.19 0.00	107.30 3.80 0.00	83.30 2.95 0.00	84.48 2.93 0.00	77.94 2.63 0.00	73.92 2.25 0.00	68.90 1.62 0.00	76.68 1.44 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	82.90 5.00 0.00	87.93 5.16 0.00	97.69 5.41 0.00	118.00 6.48 0.00	106.90 5.90 0.00	80.06 4.79 0.00	85.41 4.77 0.00	79.71 4.72 0.00	115.95 7.04 0.00	91.88 5.50 0.00	80.32 4.93 0.00	90.40 5.57 0.00	106.81 6.46 0.00	96.10 5.90 0.00	125.42 7.46 0.00	91.03 5.51 0.00	99.58 6.64 0.00	111.00 7.51 0.00	86.17 5.81 0.00	87.26 5.71 0.00	80.36 5.05 0.00	76.23 4.55 0.00	71.07 3.78 0.00	79.18 3.94 0.00
VISCHER___FERRY HYD 24020	81.60 3.70 0.00	86.52 3.75 0.00	95.80 3.52 0.00	115.92 4.40 0.00	104.91 3.91 0.00	78.47 3.20 0.00	84.02 3.37 0.00	78.16 3.16 0.00	113.37 4.46 0.00	89.82 3.44 0.00	78.52 3.12 0.00	88.23 3.40 0.00	104.22 3.88 0.00	93.68 3.48 0.00	122.63 4.68 0.00	89.13 3.61 0.00	97.45 4.51 0.00	108.86 5.37 0.00	84.61 4.26 0.00	85.82 4.27 0.00	79.30 3.99 0.00	75.33 3.66 0.00	70.36 3.07 0.00	78.35 3.11 0.00
V_A_10_SYNC_DSASP 323832	72.48 -5.30 0.12	77.43 -5.34 0.00	85.96 -6.32 0.00	103.65 -7.87 0.00	94.06 -6.95 0.00	70.27 -5.00 0.00	73.58 -7.06 0.00	67.19 -7.80 0.00	97.13 -11.78 0.00	77.62 -8.76 0.00	67.80 -7.60 0.00	75.75 -9.08 0.00	89.28 -11.06 0.00	80.20 -10.00 0.00	104.34 -13.62 0.00	76.35 -9.17 0.00	83.86 -9.08 0.00	93.19 -10.31 0.00	71.97 -8.38 0.00	72.57 -8.71 0.26	64.93 -7.86 2.52	60.01 -7.51 4.15	60.71 -6.58 0.00	68.51 -6.73 0.00
V_CMM_10_SYNC_DSASP 323787	77.58 -0.32 0.00	82.78 0.01 0.00	93.12 0.84 0.00	112.49 0.97 0.00	101.80 0.80 0.00	75.36 0.09 0.00	81.06 0.42 0.00	75.44 0.45 0.00	109.84 0.93 0.00	87.33 0.95 0.00	76.08 0.68 0.00	85.45 0.63 0.00	101.19 0.84 0.00	91.09 0.89 0.00	119.23 1.27 0.00	86.01 0.48 0.00	92.47 -0.47 0.00	102.64 -0.86 0.00	79.65 -0.71 0.00	80.87 -0.69 0.00	74.74 -0.58 0.00	71.35 -0.33 0.00	67.65 0.36 0.00	76.07 0.83 0.00
V_CMP_10_SYNC_DSASP 323788	77.57 -0.33 0.00	83.10 0.33 0.00	93.54 1.26 0.00	113.07 1.55 0.00	102.27 1.27 0.00	76.06 0.79 0.00	81.86 1.22 0.00	76.09 1.10 0.00	110.95 2.04 0.00	88.29 1.91 0.00	77.11 1.72 0.00	86.62 1.79 0.00	102.30 1.96 0.00	92.20 2.00 0.00	120.88 2.92 0.00	87.70 2.17 0.00	94.69 1.74 0.00	105.28 1.79 0.00	81.67 1.31 0.00	82.72 1.17 0.00	76.27 0.96 0.00	72.63 0.95 0.00	68.63 1.35 0.00	77.16 1.92 0.00
V_D_10_SYNC_DSASP 323841	77.98 0.07 0.00	83.23 0.46 0.00	93.63 1.35 0.00	113.11 1.59 0.00	102.33 1.32 0.00	75.70 0.44 0.00	81.35 0.71 0.00	75.63 0.64 0.00	110.16 1.26 0.00	87.55 1.18 0.00	76.26 0.87 0.00	85.62 0.79 0.00	101.42 1.08 0.00	91.30 1.10 0.00	119.52 1.56 0.00	86.25 0.73 0.00	92.72 -0.22 0.00	102.95 -0.54 0.00	79.89 -0.46 0.00	81.12 -0.44 0.00	74.94 -0.37 0.00	71.62 -0.05 0.00	67.95 0.66 0.00	76.48 1.24 0.00
V_E_10_SYNC_DSASP 323830	83.78 5.88 0.00	88.81 6.04 0.00	99.01 6.73 0.00	119.86 8.34 0.00	109.21 8.20 0.00	82.43 7.16 0.00	88.35 7.71 0.00	82.37 7.38 0.00	120.00 11.09 0.00	95.44 9.06 0.00	83.33 7.94 0.00	93.31 8.48 0.00	109.84 9.50 0.00	98.96 8.75 0.00	129.62 11.66 0.00	94.53 9.00 0.00	103.99 11.05 0.00	116.38 12.89 0.00	90.23 9.87 0.00	91.12 9.57 0.00	83.21 7.90 0.00	78.49 6.82 0.00	72.65 5.36 0.00	80.86 5.62 0.00
V_F_30_NSYNC___DSASP 323816	82.49 4.58 0.00	87.53 4.76 0.00	97.04 4.76 0.00	117.28 5.76 0.00	106.17 5.17 0.00	79.44 4.17 0.00	85.10 4.45 0.00	79.26 4.27 0.00	114.97 6.06 0.00	91.03 4.65 0.00	79.40 4.00 0.00	89.15 4.32 0.00	105.34 4.99 0.00	94.59 4.39 0.00	123.81 5.85 0.00	90.20 4.68 0.00	98.90 5.95 0.00	110.63 7.14 0.00	85.99 5.63 0.00	87.13 5.58 0.00	80.38 5.07 0.00	76.26 4.58 0.00	71.17 3.89 0.00	79.17 3.93 0.00

V_F_30_SYNC_DSASP 323786	81.30 3.39 0.00	86.12 3.35 0.00	95.45 3.16 0.00	115.35 3.83 0.00	104.47 3.46 0.00	78.15 2.88 0.00	83.60 2.96 0.00	77.75 2.76 0.00	112.81 3.90 0.00	89.29 2.91 0.00	78.00 2.61 0.00	87.72 2.89 0.00	103.61 3.26 0.00	93.09 2.89 0.00	122.67 4.72 0.00	88.89 3.36 0.00	96.79 3.85 0.00	107.48 3.99 0.00	83.24 2.89 0.00	84.62 3.07 0.00	78.22 2.91 0.00	74.35 2.68 0.00	69.49 2.21 0.00	77.71 2.46 0.00
V_XM_10_SYNC_DSASP 323789	77.57 -0.33 0.00	83.10 0.33 0.00	93.54 1.26 0.00	113.07 1.55 0.00	102.27 1.27 0.00	76.06 0.79 0.00	81.86 1.22 0.00	76.09 1.10 0.00	110.95 2.04 0.00	88.29 1.91 0.00	77.11 1.72 0.00	86.62 1.79 0.00	102.30 1.96 0.00	92.20 2.00 0.00	120.88 2.92 0.00	87.70 2.17 0.00	94.69 1.74 0.00	105.28 1.79 0.00	81.67 1.31 0.00	82.72 1.17 0.00	76.27 0.96 0.00	72.63 0.95 0.00	68.63 1.35 0.00	77.16 1.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	82.42 4.52 0.00	86.90 4.13 0.00	96.05 3.77 0.00	115.74 4.22 0.00	104.86 3.86 0.00	78.63 3.36 0.00	84.46 3.82 0.00	78.55 3.56 0.00	113.77 4.86 0.00	89.84 3.45 0.00	78.47 3.07 0.00	88.48 3.65 0.00	104.43 4.08 0.00	94.07 3.87 0.00	122.87 4.91 0.00	89.99 4.46 0.00	98.91 5.97 0.00	111.10 7.60 0.00	86.37 6.01 0.00	87.54 5.98 0.00	80.80 5.49 0.00	76.57 4.90 0.00	71.01 3.72 0.00	78.75 3.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	83.31 5.41 0.00	87.82 5.05 0.00	97.00 4.71 0.00	116.78 5.26 0.00	105.79 4.78 0.00	79.37 4.10 0.00	85.25 4.60 0.00	79.43 4.44 0.00	115.07 6.17 0.00	90.92 4.55 0.00	79.49 4.09 0.00	89.54 4.71 0.00	105.71 5.36 0.00	95.24 5.04 0.00	124.31 6.35 0.00	91.13 5.60 0.00	100.17 7.23 0.00	112.43 8.94 0.00	87.43 7.07 0.00	88.59 7.04 0.00	81.77 6.46 0.00	77.45 5.78 0.00	71.84 4.56 0.00	79.64 4.39 0.00
W50THST__13_KV_LOAD 356117	83.60 5.70 0.00	88.10 5.33 0.00	97.28 5.00 0.00	117.11 5.59 0.00	106.09 5.09 0.00	79.63 4.36 0.00	85.53 4.89 0.00	79.73 4.74 0.00	115.57 6.66 0.00	91.30 4.92 0.00	79.83 4.43 0.00	89.94 5.12 0.00	106.13 5.79 0.00	95.63 5.43 0.00	124.86 6.90 0.00	91.50 5.97 0.00	100.61 7.67 0.00	112.95 9.46 0.00	87.83 7.47 0.00	88.98 7.43 0.00	82.12 6.81 0.00	77.80 6.13 0.00	72.13 4.85 0.00	79.93 4.69 0.00
WADING RIVER_IC_1 23522	85.72 7.82 0.00	90.46 7.69 0.00	99.38 7.10 0.00	119.78 8.26 0.00	107.37 6.36 0.00	81.77 6.50 0.00	87.73 7.08 0.00	81.77 6.78 0.00	118.04 9.13 0.00	92.67 6.29 0.00	80.35 4.95 0.00	91.37 6.54 0.00	107.88 7.54 0.00	97.89 7.69 0.00	127.74 9.78 0.00	143.53 8.94 -49.06	111.20 11.64 -6.62	125.57 14.13 -7.95	115.89 11.43 -24.10	114.13 11.36 -21.22	115.66 10.24 -30.11	92.66 9.31 -11.68	74.83 7.54 0.00	82.85 7.60 0.00
WADING RIVER_IC_2 23547	85.72 7.82 0.00	90.46 7.69 0.00	99.38 7.10 0.00	119.78 8.26 0.00	107.37 6.36 0.00	81.77 6.50 0.00	87.73 7.08 0.00	81.77 6.78 0.00	118.04 9.13 0.00	92.67 6.29 0.00	80.35 4.95 0.00	91.37 6.54 0.00	107.88 7.54 0.00	97.89 7.69 0.00	127.74 9.78 0.00	143.53 8.94 -49.06	111.20 11.64 -6.62	125.57 14.13 -7.95	115.89 11.43 -24.10	114.13 11.36 -21.22	115.66 10.24 -30.11	92.66 9.31 -11.68	74.83 7.54 0.00	82.85 7.60 0.00
WADING RIVER_IC_3 23601	85.72 7.82 0.00	90.46 7.69 0.00	99.38 7.10 0.00	119.78 8.26 0.00	107.37 6.36 0.00	81.77 6.50 0.00	87.73 7.08 0.00	81.77 6.78 0.00	118.04 9.13 0.00	92.67 6.29 0.00	80.35 4.95 0.00	91.37 6.54 0.00	107.88 7.54 0.00	97.89 7.69 0.00	127.74 9.78 0.00	143.53 8.94 -49.06	111.20 11.64 -6.62	125.57 14.13 -7.95	115.89 11.43 -24.10	114.13 11.36 -21.22	115.66 10.24 -30.11	92.66 9.31 -11.68	74.83 7.54 0.00	82.85 7.60 0.00
WALDENNY_12_KV_BK2 80841	73.82 -4.09 0.00	78.72 -4.05 0.00	87.29 -4.99 0.00	105.32 -6.20 0.00	95.69 -5.32 0.00	71.50 -3.77 0.00	74.58 -6.07 0.00	68.02 -6.97 0.00	98.28 -10.63 0.00	78.65 -7.73 0.00	68.62 -6.77 0.00	76.62 -8.21 0.00	90.24 -10.10 0.00	81.15 -9.04 0.00	105.43 -12.52 0.00	77.19 -8.34 0.00	84.90 -8.04 0.00	94.29 -9.20 0.00	72.73 -7.62 0.00	72.96 -8.10 0.49	63.26 -7.33 4.72	56.91 -7.08 7.69	61.24 -6.05 0.00	69.09 -6.15 0.00
WALDEN__HYDRO 24148	83.08 5.18 0.00	87.69 4.92 0.00	96.92 4.64 0.00	116.84 5.32 0.00	105.84 4.84 0.00	79.35 4.08 0.00	85.16 4.52 0.00	79.28 4.29 0.00	114.86 5.95 0.00	90.64 4.26 0.00	79.05 3.65 0.00	89.03 4.20 0.00	105.12 4.78 0.00	94.77 4.57 0.00	123.96 6.00 0.00	90.74 5.21 0.00	99.76 6.82 0.00	112.03 8.53 0.00	87.09 6.73 0.00	88.23 6.69 0.00	81.41 6.10 0.00	77.12 5.44 0.00	71.57 4.28 0.00	79.39 4.15 0.00
WARRENSBURG____ 23737	82.91 5.01 0.00	87.96 5.19 0.00	97.41 5.12 0.00	117.85 6.33 0.00	106.70 5.69 0.00	79.91 4.65 0.00	85.70 5.06 0.00	79.92 4.92 0.00	116.03 7.12 0.00	91.82 5.44 0.00	80.08 4.68 0.00	89.84 5.01 0.00	106.03 5.69 0.00	95.12 4.92 0.00	124.53 6.57 0.00	90.80 5.28 0.00	99.77 6.83 0.00	111.93 8.43 0.00	86.96 6.61 0.00	88.00 6.44 0.00	81.11 5.80 0.00	76.86 5.18 0.00	71.67 4.39 0.00	79.60 4.36 0.00
WATERSIDE____6 8 9 23538	83.21 5.63 0.32	88.07 5.30 0.00	97.25 4.97 0.00	117.01 5.49 0.00	106.04 5.04 0.00	79.56 4.29 0.00	85.48 4.84 0.00	79.02 4.60 0.58	115.27 6.45 0.09	90.45 4.78 0.72	79.67 4.27 0.00	89.70 4.87 0.00	105.86 5.52 0.00	95.38 5.18 0.00	124.55 6.59 0.00	91.30 5.77 0.00	100.29 7.43 0.09	107.92 9.27 4.85	80.36 7.35 7.35	81.56 7.34 7.33	74.37 6.72 7.66	74.47 6.05 3.25	70.57 4.77 1.48	79.83 4.59 0.00
WATKINRD_115KV_LN8_ILLION 55919	79.35 1.45 0.00	84.12 1.35 0.00	93.34 1.06 0.00	112.80 1.28 0.00	102.14 1.13 0.00	76.47 1.20 0.00	81.95 1.31 0.00	76.29 1.30 0.00	110.72 1.81 0.00	87.70 1.32 0.00	76.39 1.00 0.00	85.83 1.01 0.00	101.38 1.04 0.00	90.95 0.74 0.00	119.16 1.20 0.00	86.87 1.34 0.00	95.26 2.31 0.00	106.31 2.81 0.00	82.55 2.19 0.00	83.72 2.17 0.00	77.25 1.95 0.00	73.34 1.66 0.00	68.44 1.15 0.00	76.25 1.01 0.00
WATSON__69_KV_BK 1 55734	86.04 8.13 0.00	90.84 8.08 0.00	100.03 7.75 0.00	120.32 8.80 0.00	108.56 7.56 0.00	82.08 6.81 0.00	88.03 7.39 0.00	82.10 7.11 0.00	118.57 9.66 0.00	93.31 6.93 0.00	81.02 5.62 0.00	91.95 7.12 0.00	108.46 8.12 0.00	98.23 8.03 0.00	127.94 9.98 0.00	143.40 8.81 -49.06	110.91 11.35 -6.62	124.97 13.53 -7.95	115.33 10.87 -24.10	113.67 10.90 -21.22	115.26 9.84 -30.11	92.31 8.96 -11.68	74.71 7.42 0.00	82.65 7.41 0.00
WDELAWARE__HYD 323627	82.23 4.32 0.00	86.77 4.01 0.00	95.97 3.69 0.00	115.66 4.14 0.00	104.79 3.79 0.00	78.61 3.34 0.00	84.39 3.75 0.00	78.69 3.69 0.00	114.00 5.09 0.00	89.87 3.49 0.00	78.19 2.80 0.00	88.00 3.17 0.00	103.84 3.50 0.00	93.64 3.44 0.00	122.88 4.92 0.00	89.99 4.46 0.00	99.01 6.06 0.00	111.27 7.78 0.00	86.47 6.11 0.00	87.60 6.04 0.00	80.75 5.44 0.00	76.47 4.80 0.00	70.92 3.64 0.00	78.61 3.37 0.00

WEST BABYLON___IC 23714	85.65 7.75 0.00	90.44 7.67 0.00	99.61 7.33 0.00	119.79 8.27 0.00	108.15 7.15 0.00	81.68 6.41 0.00	87.62 6.97 0.00	81.71 6.72 0.00	117.99 9.08 0.00	92.93 6.55 0.00	80.71 5.31 0.00	91.59 6.76 0.00	108.06 7.71 0.00	97.79 7.59 0.00	127.34 9.38 0.00	142.93 8.35 -49.06	110.29 10.73 -6.62	124.23 12.78 -7.95	114.75 10.30 -24.10	113.07 10.30 -21.22	114.71 9.28 -30.11	91.82 8.47 -11.68	74.28 6.99 0.00	82.18 6.93 0.00
WEST CANADA___HYD 24049	78.38 0.48 0.00	83.20 0.43 0.00	92.57 0.28 0.00	111.86 0.33 0.00	101.31 0.31 0.00	75.64 0.37 0.00	80.98 0.34 0.00	75.26 0.27 0.00	109.23 0.32 0.00	86.55 0.17 0.00	75.61 0.21 0.00	85.15 0.32 0.00	100.64 0.30 0.00	90.48 0.28 0.00	118.33 0.37 0.00	85.89 0.37 0.00	93.57 0.63 0.00	104.24 0.75 0.00	80.97 0.61 0.00	82.13 0.57 0.00	75.84 0.52 0.00	72.09 0.42 0.00	67.55 0.27 0.00	75.46 0.22 0.00
WESTERN_NY_WIND 24143	74.93 -2.97 0.00	79.82 -2.95 0.00	88.49 -3.79 0.00	106.63 -4.89 0.00	96.82 -4.18 0.00	72.40 -2.87 0.00	75.84 -4.81 0.00	69.42 -5.57 0.00	100.45 -8.46 0.00	80.32 -6.06 0.00	69.78 -5.62 0.00	77.71 -7.11 0.00	91.28 -9.07 0.00	82.42 -7.78 0.00	107.41 -10.55 0.00	78.54 -6.99 0.00	86.69 -6.25 0.00	96.81 -6.68 0.00	74.83 -5.53 0.00	75.40 -5.87 0.28	67.34 -5.26 2.72	62.14 -5.10 4.44	62.79 -4.50 0.00	70.67 -4.57 0.00
WESTOVER___LESR 323668	77.93 0.03 0.00	82.65 -0.12 0.00	91.72 -0.57 0.00	110.89 -0.63 0.00	100.57 -0.44 0.00	75.27 0.01 0.00	80.13 -0.52 0.00	74.35 -0.64 0.00	107.91 -1.00 0.00	85.72 -0.66 0.00	74.93 -0.47 0.00	84.21 -0.62 0.00	99.69 -0.65 0.00	89.71 -0.49 0.00	117.26 -0.70 0.00	85.30 -0.22 0.00	93.23 0.28 0.00	103.82 0.33 0.00	80.40 0.04 0.00	81.57 -0.06 -0.08	75.90 -0.18 -0.78	72.55 -0.39 -1.26	66.71 -0.57 0.00	74.45 -0.79 0.00
WETHRSFD_WT_PWR 323626	73.99 -3.91 0.00	78.75 -4.02 0.00	87.24 -5.04 0.00	105.49 -6.03 0.00	95.87 -5.13 0.00	71.71 -3.56 0.00	75.20 -5.44 0.00	68.99 -6.00 0.00	99.74 -9.17 0.00	79.56 -6.82 0.00	69.20 -6.20 0.00	77.48 -7.35 0.00	91.44 -8.90 0.00	82.47 -7.73 0.00	107.57 -10.39 0.00	78.55 -6.98 0.00	86.36 -6.58 0.00	95.82 -7.67 0.00	73.74 -6.61 0.00	72.57 -7.26 1.73	52.15 -6.79 16.37	38.29 -6.80 26.58	61.02 -6.27 0.00	68.64 -6.60 0.00
WHAVSTOR_138KV_BK127 55557	82.09 4.19 0.00	86.56 3.79 0.00	95.66 3.38 0.00	115.29 3.77 0.00	104.44 3.44 0.00	78.29 3.02 0.00	84.13 3.48 0.00	78.25 3.26 0.00	113.29 4.38 0.00	89.48 3.10 0.00	78.17 2.78 0.00	88.13 3.30 0.00	104.02 3.67 0.00	93.70 3.50 0.00	122.37 4.41 0.00	89.60 4.07 0.00	98.47 5.52 0.00	110.59 7.09 0.00	85.99 5.64 0.00	87.13 5.58 0.00	80.44 5.13 0.00	76.24 4.57 0.00	70.70 3.42 0.00	78.43 3.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	82.09 4.19 0.00	86.56 3.79 0.00	95.66 3.38 0.00	115.29 3.77 0.00	104.44 3.44 0.00	78.29 3.02 0.00	84.13 3.48 0.00	78.25 3.26 0.00	113.29 4.38 0.00	89.48 3.10 0.00	78.17 2.78 0.00	88.13 3.30 0.00	104.02 3.67 0.00	93.70 3.50 0.00	122.37 4.41 0.00	89.60 4.07 0.00	98.47 5.52 0.00	110.59 7.09 0.00	85.99 5.64 0.00	87.13 5.58 0.00	80.44 5.13 0.00	76.24 4.57 0.00	70.70 3.42 0.00	78.43 3.19 0.00
WHITEHAL_115KV_TB1 80871	84.21 6.30 0.00	89.53 6.76 0.00	98.86 6.58 0.00	120.14 8.62 0.00	108.58 7.58 0.00	81.56 6.29 0.00	87.69 7.05 0.00	81.91 6.92 0.00	118.82 9.91 0.00	93.72 7.34 0.00	81.82 6.43 0.00	92.14 7.31 0.00	108.22 7.88 0.00	97.12 6.92 0.00	126.72 8.76 0.00	92.38 6.86 0.00	101.54 8.59 0.00	115.09 11.60 0.00	89.53 9.17 0.00	90.22 8.67 0.00	83.11 7.80 0.00	78.62 6.94 0.00	73.38 6.10 0.00	81.19 5.94 0.00
WHITEPLN_13_KV_LOAD 356215	83.78 5.88 0.00	88.41 5.64 0.00	97.64 5.36 0.00	117.64 6.11 0.00	106.54 5.54 0.00	79.92 4.65 0.00	85.79 5.15 0.00	79.88 4.89 0.00	115.76 6.85 0.00	91.44 5.06 0.00	79.88 4.48 0.00	90.01 5.18 0.00	106.23 5.89 0.00	95.74 5.53 0.00	124.99 7.04 0.00	91.58 6.05 0.00	100.70 7.75 0.00	113.07 9.58 0.00	87.92 7.56 0.00	89.09 7.54 0.00	82.23 6.92 0.00	77.87 6.20 0.00	72.24 4.95 0.00	80.09 4.85 0.00
WM_FLOYD_69_KV_BK2 356380	85.71 7.81 0.00	90.44 7.67 0.00	99.45 7.17 0.00	119.76 8.24 0.00	107.71 6.71 0.00	81.72 6.45 0.00	87.67 7.02 0.00	81.72 6.73 0.00	117.94 9.03 0.00	92.64 6.26 0.00	80.34 4.94 0.00	91.27 6.44 0.00	107.71 7.37 0.00	97.66 7.46 0.00	127.41 9.45 0.00	143.27 8.68 -49.06	110.87 11.31 -6.62	125.18 13.74 -7.95	115.55 11.09 -24.10	113.80 11.03 -21.22	115.36 9.94 -30.11	92.39 9.04 -11.68	74.68 7.40 0.00	82.65 7.40 0.00
WOODARD___115KV_TB2 355635	76.56 -1.34 0.00	81.28 -1.49 0.00	90.26 -2.02 0.00	109.10 -2.42 0.00	98.86 -2.14 0.00	73.87 -1.39 0.00	78.84 -1.81 0.00	73.21 -1.78 0.00	106.28 -2.63 0.00	84.38 -2.00 0.00	73.70 -1.70 0.00	82.86 -1.97 0.00	97.98 -2.37 0.00	88.10 -2.11 0.00	115.17 -2.79 0.00	83.69 -1.84 0.00	91.38 -1.56 0.00	101.92 -1.57 0.00	79.06 -1.29 0.00	80.10 -1.45 0.00	73.85 -1.46 0.00	70.09 -1.59 0.00	65.62 -1.66 0.00	73.29 -1.96 0.00
YORK___WARBASSE 23770	85.48 5.98 -1.60	88.38 5.61 0.00	97.54 5.26 0.00	117.38 5.86 0.00	106.35 5.35 0.00	79.78 4.52 0.00	85.79 5.15 0.00	82.78 4.94 -2.84	116.26 6.92 -0.42	95.15 5.24 -3.53	79.92 4.53 0.00	90.02 5.19 0.00	106.21 5.86 0.00	95.73 5.53 0.00	124.96 7.00 0.00	91.67 6.15 0.00	101.26 7.88 -0.43	137.29 9.98 -23.81	124.40 7.95 -36.09	125.55 7.96 -36.04	120.28 7.31 -37.66	94.23 6.58 -15.98	79.81 5.24 -7.29	80.27 5.03 0.00