

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	68.84	66.67	66.03	65.80	67.25	67.19	75.10	92.12	79.92	74.89	75.07	74.40	70.02	69.73	74.54	75.33	79.54	105.53	117.18	99.95	96.20	86.39	80.93	81.93
24138	3.50	3.04	2.96	2.91	2.95	3.24	4.27	4.27	5.32	4.96	4.83	4.82	4.80	4.67	4.75	5.30	5.04	7.14	8.12	6.84	6.34	5.30	4.83	4.38
	-4.94	-5.11	-3.86	-3.48	-4.08	-5.05	-8.08	-26.81	-8.95	-8.71	-9.08	-8.49	-4.38	-4.35	-9.00	-8.38	-13.08	-13.43	-11.23	-6.51	-6.45	-6.50	-7.09	-6.99
74TH STREET_GT_1	68.91	66.67	66.09	65.80	67.26	67.19	75.04	92.06	79.86	74.83	75.07	74.34	70.02	69.73	74.54	75.33	79.54	105.53	117.28	100.03	96.20	86.47	80.93	81.93
24260	3.56	3.04	3.02	2.91	2.95	3.24	4.20	4.21	5.25	4.90	4.83	4.76	4.81	4.67	4.74	5.30	5.04	7.14	8.22	6.93	6.34	5.37	4.83	4.37
	-4.94	-5.11	-3.86	-3.48	-4.09	-5.06	-8.09	-26.81	-8.96	-8.71	-9.08	-8.49	-4.38	-4.35	-9.00	-8.38	-13.09	-13.44	-11.23	-6.51	-6.46	-6.50	-7.09	-6.99
74TH STREET_GT_2	68.91	66.67	66.09	65.80	67.26	67.19	75.04	92.06	79.86	74.83	75.07	74.34	70.02	69.73	74.54	75.33	79.54	105.53	117.28	100.03	96.20	86.47	80.93	81.93
24261	3.56	3.04	3.02	2.91	2.95	3.24	4.20	4.21	5.25	4.90	4.83	4.76	4.81	4.67	4.74	5.30	5.04	7.14	8.22	6.93	6.34	5.37	4.83	4.37
	-4.94	-5.11	-3.86	-3.48	-4.09	-5.06	-8.09	-26.81	-8.96	-8.71	-9.08	-8.49	-4.38	-4.35	-9.00	-8.38	-13.09	-13.44	-11.23	-6.51	-6.46	-6.50	-7.09	-6.99
ADK HUDSON___FALLS	118.98	118.60	105.91	101.98	109.44	118.47	155.52	177.69	166.58	107.40	108.47	93.26	84.51	81.97	80.24	92.48	123.54	151.21	208.46	165.29	161.24	151.91	152.06	152.78
24011	5.50	5.21	5.21	5.17	5.36	5.30	5.96	5.74	6.50	5.82	5.63	5.50	5.41	5.28	5.29	5.92	5.96	8.58	9.98	8.75	8.42	7.53	6.90	7.13
	-53.08	-54.88	-41.49	-37.40	-43.86	-54.27	-86.81	-110.91	-94.43	-40.36	-41.67	-26.68	-18.27	-15.98	-14.15	-24.91	-56.16	-57.67	-100.65	-69.95	-69.41	-69.78	-76.15	-75.09
ADK RESOURCE___RCVRY	119.72	119.40	106.63	102.62	110.13	119.27	156.55	178.72	167.67	108.03	109.10	93.80	85.03	82.41	80.69	93.13	124.31	152.17	209.93	166.45	162.29	153.00	153.14	153.80
23798	5.92	5.67	5.68	5.58	5.78	5.78	6.46	6.23	7.03	6.25	6.06	5.92	5.84	5.65	5.71	6.47	6.45	9.26	10.86	9.53	9.17	8.21	7.52	7.69
	-53.40	-55.21	-41.74	-37.63	-44.12	-54.60	-87.34	-111.45	-95.00	-40.56	-41.88	-26.79	-18.36	-16.05	-14.18	-25.02	-56.44	-57.95	-101.24	-70.33	-69.70	-70.19	-76.61	-75.54
ADK S GLENS___FALLS	118.98	118.60	105.91	101.98	109.44	118.47	155.52	177.69	166.58	107.40	108.47	93.26	84.51	81.97	80.24	92.48	123.54	151.21	208.46	165.29	161.24	151.91	152.06	152.78
24028	5.50	5.21	5.21	5.17	5.36	5.30	5.96	5.74	6.50	5.82	5.63	5.50	5.41	5.28	5.29	5.92	5.96	8.58	9.98	8.75	8.42	7.53	6.90	7.13
	-53.08	-54.88	-41.49	-37.40	-43.86	-54.27	-86.81	-110.91	-94.43	-40.36	-41.67	-26.68	-18.27	-15.98	-14.15	-24.91	-56.16	-57.67	-100.65	-69.95	-69.41	-69.78	-76.15	-75.09
ADK_NYS___DAM	101.74	100.74	92.12	89.42	94.86	100.91	128.28	149.47	137.12	96.18	97.07	86.80	79.32	77.53	78.17	86.43	108.68	135.35	176.84	143.73	142.18	129.20	127.49	128.28
23527	4.23	3.86	3.91	3.86	3.97	4.06	4.83	4.64	5.38	4.84	4.77	4.77	4.68	4.56	4.56	5.06	4.97	6.97	7.92	7.10	6.68	5.82	5.24	5.22
	-37.11	-38.37	-29.01	-26.15	-30.67	-37.95	-60.70	-83.79	-66.08	-30.12	-31.14	-20.95	-13.80	-12.27	-12.81	-19.73	-42.29	-43.42	-71.08	-50.03	-52.10	-48.78	-53.25	-52.50
AIR_PRODUCTS___DRP	89.06	87.96	82.04	80.24	84.22	88.05	108.63	129.80	115.77	87.18	88.07	81.02	74.25	73.09	75.39	80.56	97.09	121.92	152.58	120.83	109.82	111.75	109.23	110.22
24190	1.87	1.76	1.89	1.96	1.87	1.77	2.07	1.89	2.36	2.33	2.45	2.50	2.43	2.43	2.37	2.34	2.15	2.55	2.74	2.34	2.17	1.94	1.79	1.76
	-26.79	-27.69	-20.93	-18.87	-22.13	-27.39	-43.81	-66.87	-47.76	-23.63	-24.46	-17.43	-10.99	-9.95	-12.22	-16.57	-33.52	-34.42	-52.01	-31.89	-24.25	-35.21	-38.43	-37.89
AKWESSNE_115KV_BK	59.98	58.40	59.21	59.35	60.04	58.43	61.49	60.00	63.88	59.88	59.82	59.87	59.92	59.98	59.83	59.79	59.82	82.49	95.09	84.26	81.65	73.40	68.25	69.85
355683	-0.42	-0.12	0.00	-0.06	-0.18	-0.47	-1.25	-1.04	-1.77	-1.35	-1.35	-1.22	-0.91	-0.73	-0.97	-1.85	-1.60	-2.46	-2.74	-2.34	-1.75	-1.19	-0.76	-0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	82.89	81.52	77.34	76.03	79.22	81.70	97.87	118.48	103.80	82.93	83.55	78.58	72.38	71.55	75.02	78.80	91.64	116.93	141.23	113.33	102.73	103.78	100.39	101.69
323833	2.78	2.64	2.73	2.73	2.71	2.65	2.89	2.62	2.96	2.63	2.63	2.62	2.55	2.55	2.61	2.90	2.89	3.91	4.50	3.99	3.76	3.28	3.11	3.25
	-19.71	-20.37	-15.40	-13.89	-16.28	-20.15	-32.23	-54.82	-35.19	-19.07	-19.76	-14.87	-8.99	-8.30	-11.61	-14.26	-27.33	-28.07	-38.90	-22.75	-15.56	-25.91	-28.27	-27.88
ALBANY_2_SOLAR	82.88	81.45	77.33	76.02	79.21	81.63	97.85	118.46	103.78	82.92	83.55	78.58	72.38	71.55	75.02	78.80	91.57	116.92	141.22	113.23	102.73	103.77	100.37	101.67
323834	2.78	2.57	2.73	2.73	2.71	2.59	2.89	2.62	2.96	2.63	2.63	2.62	2.55	2.55	2.61	2.90	2.83	3.91	4.50	3.90	3.76	3.28	3.11	3.25
	-19.70	-20.36	-15.40	-13.88	-16.28	-20.14	-32.22	-54.80	-35.17	-19.07	-19.76	-14.87	-8.99	-8.30	-11.61	-14.26	-27.33	-28.06	-38.88	-22.74	-15.57	-25.89	-28.26	-27.87
ALBANY___1	89.06	87.96	82.04	80.24	84.22	88.05	108.63	129.80	115.77	87.18	88.07	81.02	74.25	73.09	75.39	80.56	97.09	121.92	152.58	120.83	109.82	111.75	109.23	110.22
23571	1.87	1.76	1.89	1.96	1.87	1.77	2.07	1.89	2.36	2.33	2.45	2.50	2.43	2.43	2.37	2.34	2.15	2.55	2.74	2.34	2.17	1.94	1.79	1.76
	-26.79	-27.69	-20.93	-18.87	-22.13	-27.39	-43.81	-66.87	-47.76	-23.63	-24.46	-17.43	-10.99	-9.95	-12.22	-16.57	-33.52	-34.42	-52.01	-31.89	-24.25	-35.21	-38.43	-37.89

ALBANY___2 23572	89.06 1.87 -26.79	87.96 1.76 -27.69	82.04 1.89 -20.93	80.24 1.96 -18.87	84.22 1.87 -22.13	88.05 1.77 -27.39	108.63 2.07 -43.81	129.80 1.89 -66.87	115.77 2.36 -47.76	87.18 2.33 -23.63	88.07 2.45 -24.46	81.02 2.50 -17.43	74.25 2.43 -10.99	73.09 2.43 -9.95	75.39 2.37 -12.22	80.56 2.34 -16.57	97.09 2.15 -33.52	121.92 2.55 -34.42	152.58 2.74 -52.01	120.83 2.34 -31.89	109.82 2.17 -24.25	111.75 1.94 -35.21	109.23 1.79 -38.43	110.22 1.76 -37.89
ALBANY___3 23573	89.06 1.87 -26.79	87.96 1.76 -27.69	82.04 1.89 -20.93	80.24 1.96 -18.87	84.22 1.87 -22.13	88.05 1.77 -27.39	108.63 2.07 -43.81	129.80 1.89 -66.87	115.77 2.36 -47.76	87.18 2.33 -23.63	88.07 2.45 -24.46	81.02 2.50 -17.43	74.25 2.43 -10.99	73.09 2.43 -9.95	75.39 2.37 -12.22	80.56 2.34 -16.57	97.09 2.15 -33.52	121.92 2.55 -34.42	152.58 2.74 -52.01	120.83 2.34 -31.89	109.82 2.17 -24.25	111.75 1.94 -35.21	109.23 1.79 -38.43	110.22 1.76 -37.89
ALBANY___4 23574	89.06 1.87 -26.79	87.96 1.76 -27.69	82.04 1.89 -20.93	80.24 1.96 -18.87	84.22 1.87 -22.13	88.05 1.77 -27.39	108.63 2.07 -43.81	129.80 1.89 -66.87	115.77 2.36 -47.76	87.18 2.33 -23.63	88.07 2.45 -24.46	81.02 2.50 -17.43	74.25 2.43 -10.99	73.09 2.43 -9.95	75.39 2.37 -12.22	80.56 2.34 -16.57	97.09 2.15 -33.52	121.92 2.55 -34.42	152.58 2.74 -52.01	120.83 2.34 -31.89	109.82 2.17 -24.25	111.75 1.94 -35.21	109.23 1.79 -38.43	110.22 1.76 -37.89
ALBANY___LFGE 323615	97.51 2.42 -34.69	96.60 2.22 -35.87	88.70 2.37 -27.11	86.29 2.44 -24.45	91.30 2.41 -28.67	96.67 2.29 -35.47	122.12 2.64 -56.74	143.58 2.44 -80.10	130.46 3.02 -61.79	92.82 2.94 -28.66	93.79 3.00 -29.63	84.34 3.05 -20.20	76.98 2.98 -13.17	75.38 2.91 -11.76	76.52 2.92 -12.80	83.74 3.02 -19.08	104.51 2.77 -40.32	129.84 3.48 -41.40	168.38 3.92 -66.63	135.25 3.37 -45.28	130.54 3.17 -43.96	123.03 2.83 -45.60	121.40 2.62 -49.77	122.25 2.61 -49.08
ALCOA_PA_115KV_PL-6C 55860	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.24 0.00	61.81 -0.94 0.00	60.31 -0.73 0.00	64.14 -1.51 0.00	60.06 -1.16 0.00	60.06 -1.10 0.00	60.05 -1.04 0.00	60.10 -0.73 0.00	60.16 -0.55 0.00	60.01 -0.79 0.00	59.86 -1.79 0.00	60.01 -1.41 0.00	82.66 -2.29 0.00	95.29 -2.54 0.00	84.52 -2.08 0.00	81.99 -1.42 0.00	73.78 -0.82 0.00	68.59 -0.41 0.00	70.28 -0.28 0.00
ALCOA_RYNLDS___DRP 24188	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.24 0.00	61.81 -0.94 0.00	60.31 -0.73 0.00	64.14 -1.51 0.00	60.06 -1.16 0.00	60.06 -1.10 0.00	60.05 -1.04 0.00	60.10 -0.73 0.00	60.16 -0.55 0.00	60.01 -0.79 0.00	59.86 -1.79 0.00	60.01 -1.41 0.00	82.66 -2.29 0.00	95.29 -2.54 0.00	84.52 -2.08 0.00	81.99 -1.42 0.00	73.78 -0.82 0.00	68.59 -0.41 0.00	70.28 -0.28 0.00
ALCOA___DSASP 323711	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.23 0.00	61.81 -0.94 0.00	60.31 -0.73 0.00	64.14 -1.51 0.00	60.06 -1.17 0.00	60.06 -1.10 0.00	60.05 -1.04 0.00	60.10 -0.73 0.00	60.16 -0.55 0.00	60.01 -0.79 0.00	59.85 -1.79 0.00	60.01 -1.41 0.00	82.67 -2.29 0.00	95.39 -2.44 0.00	84.52 -2.08 0.00	81.99 -1.42 0.00	73.78 -0.82 0.00	68.59 -0.41 0.00	70.28 -0.28 0.00
ALLEGHENY___COGEN 23514	59.50 -0.90 0.00	57.64 -0.88 0.00	57.49 -1.72 0.00	57.98 -1.43 0.00	59.02 -1.20 0.00	58.19 -0.70 0.00	63.44 0.69 0.00	68.46 0.25 -7.17	66.28 0.59 -0.04	62.26 -0.67 -1.71	61.97 -0.98 -1.79	61.29 -1.52 -1.72	59.60 -2.31 -1.08	59.69 -2.24 -1.23	60.65 -1.40 -1.25	63.83 0.49 -1.69	65.26 1.11 -2.74	87.08 -0.68 -2.81	98.19 -0.29 -0.65	86.25 -0.34 0.00	82.99 -0.41 0.00	74.37 -0.22 0.00	68.53 -0.48 0.00	70.77 0.21 0.00
ALTAMONT_115KV_TB 2 55880	83.18 2.05 -20.73	81.82 1.87 -21.43	77.37 1.95 -16.20	75.98 1.96 -14.61	79.34 1.99 -17.13	82.09 2.00 -21.19	99.04 2.38 -33.90	120.16 2.26 -56.87	105.35 2.69 -37.01	83.55 2.51 -19.82	84.14 2.45 -20.53	78.88 2.44 -15.35	72.59 2.43 -9.33	71.66 2.37 -8.59	75.02 2.37 -11.84	79.00 2.65 -14.71	92.30 2.52 -28.37	117.57 3.48 -29.13	142.67 4.01 -40.83	115.29 3.46 -25.23	107.09 3.17 -20.51	104.60 2.76 -27.25	101.30 2.55 -29.74	102.35 2.47 -29.32
ALTONA_WT_PWR 323606	58.83 -1.57 0.00	57.28 -1.23 0.00	58.08 -1.13 0.00	58.22 -1.19 0.00	58.95 -1.27 0.00	57.37 -1.53 0.00	60.17 -2.58 0.00	58.84 -2.19 0.00	62.50 -3.15 0.00	58.47 -2.75 0.00	58.47 -2.69 0.00	58.46 -2.62 0.00	58.40 -2.44 0.00	58.46 -2.24 0.00	58.30 -2.50 0.00	58.13 -3.51 0.00	58.60 -2.82 0.00	80.96 -3.99 0.00	93.63 -4.20 0.00	83.22 -3.38 0.00	81.16 -2.25 0.00	73.33 -1.27 0.00	68.38 -0.62 0.00	70.63 0.07 0.00
AMERICAN_REF_FUEL 24010	54.18 -6.22 0.00	52.54 -5.97 0.00	52.52 -6.69 0.00	52.87 -6.54 0.00	53.78 -6.44 0.00	52.77 -6.13 0.00	57.10 -5.65 0.00	56.86 -6.53 -2.35	59.25 -6.43 -0.03	56.07 -6.67 -1.51	56.27 -6.48 -1.59	55.97 -6.66 -1.54	53.63 -7.97 -0.77	53.65 -7.77 -0.71	54.76 -7.30 -1.26	57.67 -5.49 -1.51	57.28 -6.57 -2.43	78.44 -9.01 -2.50	88.43 -9.98 -0.57	77.85 -8.74 0.00	75.15 -8.26 0.00	67.66 -6.94 0.00	62.66 -6.35 0.00	65.76 -4.80 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	55.81 -4.59 0.00	54.06 -4.45 0.00	53.94 -5.27 0.00	54.36 -5.05 0.00	55.34 -4.88 0.00	54.48 -4.42 0.00	59.24 -3.51 0.00	58.44 -5.00 -2.41	61.75 -3.94 -0.03	58.42 -4.47 -1.67	58.14 -4.77 -1.75	57.77 -5.01 -1.69	56.74 -4.93 -0.84	55.95 -5.52 -0.77	56.72 -5.41 -1.33	61.02 -2.28 -1.66	61.33 -2.76 -2.67	84.30 -3.40 -2.74	95.33 -3.13 -0.63	83.82 -2.77 0.00	80.66 -2.75 0.00	72.28 -2.31 0.00	66.80 -2.21 0.00	69.57 -0.99 0.00
ARTHUR KILL_GT_1 23520	68.72 3.38 -4.94	66.61 2.98 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	66.95 2.65 -4.09	66.96 3.00 -5.06	74.73 3.89 -8.09	91.70 3.85 -26.81	79.86 5.25 -8.96	74.84 4.90 -8.71	75.14 4.89 -9.08	74.40 4.82 -8.49	70.02 4.80 -4.38	69.81 4.74 -4.36	74.42 4.62 -9.00	75.15 5.11 -8.39	135.99 4.85 -69.72	205.33 6.88 -113.50	255.29 7.92 -149.54	166.42 6.67 -73.15	128.01 6.09 -38.52	86.24 5.14 -6.50	80.72 4.62 -7.09	81.64 4.09 -6.99
ARTHUR_KILL_2 23512	68.54 3.20 -4.94	66.43 2.81 -5.11	66.03 2.96 -3.86	65.80 2.91 -3.48	66.78 2.47 -4.09	66.78 2.83 -5.06	74.54 3.70 -8.09	91.51 3.66 -26.81	79.66 5.06 -8.96	74.65 4.71 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.83 4.62 -4.38	69.62 4.56 -4.36	74.24 4.44 -9.00	74.90 4.87 -8.39	135.81 4.67 -69.72	205.08 6.63 -113.50	255.01 7.64 -149.54	166.16 6.41 -73.15	127.76 5.84 -38.52	85.94 4.85 -6.50	80.52 4.42 -7.09	81.36 3.81 -6.99
ARTHUR_KILL_3 23513	66.99 2.78 -3.81	65.96 2.34 -5.10	65.32 2.25 -3.86	65.02 2.14 -3.48	66.46 2.16 -4.08	66.48 2.53 -5.05	66.99 3.39 -0.85	69.94 3.48 -5.42	79.00 4.40 -8.95	66.99 4.10 -1.66	66.99 4.04 -1.79	66.99 3.97 -1.93	66.99 3.95 -2.21	66.99 3.89 -2.40	67.74 3.95 -2.99	67.74 4.44 -1.65	67.96 4.23 -2.31	84.12 6.03 6.87	93.50 6.85 11.18	78.62 5.80 13.78	76.95 5.34 11.80	74.48 4.40 4.51	70.88 3.93 2.06	71.86 3.46 2.16

ARTHUR_KILL_COGEN 323718	68.72 3.38 -4.94	66.61 2.98 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	66.95 2.65 -4.09	66.96 3.00 -5.06	74.73 3.89 -8.09	91.70 3.85 -26.81	79.86 5.25 -8.96	74.84 4.90 -8.71	75.14 4.89 -9.08	74.40 4.82 -8.49	70.02 4.80 -4.38	69.81 4.74 -4.36	74.42 4.62 -9.00	75.15 5.11 -8.39	135.99 4.85 -69.72	205.33 6.88 -113.50	255.29 7.92 -149.54	166.42 6.67 -73.15	128.01 6.09 -38.52	86.24 5.14 -6.50	80.72 4.62 -7.09	81.64 4.09 -6.99
ASHOKAN____ 23654	76.83 1.33 -15.11	75.01 0.88 -15.62	71.96 0.94 -11.81	70.95 0.89 -10.64	73.79 1.09 -12.48	75.76 1.41 -15.45	89.52 2.07 -24.71	108.98 2.19 -45.75	95.09 2.43 -27.01	78.74 1.78 -15.74	78.90 1.41 -16.33	75.13 1.28 -12.76	69.49 1.15 -7.50	68.75 1.03 -7.01	72.77 1.34 -10.64	75.79 1.85 -12.30	86.36 2.21 -22.73	112.54 4.25 -23.34	132.77 4.70 -30.24	107.80 3.72 -17.49	98.75 3.25 -12.09	96.91 2.46 -19.86	93.09 2.41 -21.67	94.04 2.11 -21.37
ASTORIA_EAST_ENERGY_CC1 323581	68.41 3.08 -4.94	66.14 2.51 -5.11	65.45 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.42 2.47 -5.05	74.28 3.45 -8.08	91.38 3.54 -26.80	79.33 4.73 -8.95	74.34 4.41 -8.70	74.64 4.41 -9.07	73.91 4.34 -8.48	69.52 4.32 -4.37	69.30 4.25 -4.35	74.05 4.25 -8.99	74.83 4.81 -8.37	79.04 4.55 -13.08	104.84 6.45 -13.43	116.49 7.43 -11.22	99.34 6.24 -6.50	95.53 5.67 -6.45	85.87 4.78 -6.50	80.58 4.48 -7.09	81.64 4.09 -6.99
ASTORIA_EAST_ENERGY_CC2 323582	68.41 3.08 -4.94	66.14 2.51 -5.11	65.45 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.42 2.47 -5.05	74.28 3.45 -8.08	91.38 3.54 -26.80	79.33 4.73 -8.95	74.34 4.41 -8.70	74.64 4.41 -9.07	73.91 4.34 -8.48	69.52 4.32 -4.37	69.30 4.25 -4.35	74.05 4.25 -8.99	74.83 4.81 -8.37	79.11 4.61 -13.08	104.84 6.45 -13.43	116.49 7.43 -11.22	99.34 6.24 -6.50	95.53 5.67 -6.45	85.87 4.78 -6.50	80.58 4.48 -7.09	81.64 4.09 -6.99
ASTORIA_GT2_1 24094	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT2_2 24095	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT2_3 24096	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT2_4 24097	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT3_1 24098	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT3_2 24099	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT3_3 24100	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT3_4 24101	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT4_1 24102	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT4_2 24103	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT4_3 24104	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99

ASTORIA_GT4_4 24105	68.42 3.08 -4.94	66.20 2.57 -5.11	65.44 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.43 2.47 -5.06	74.29 3.45 -8.09	91.45 3.60 -26.81	79.33 4.73 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.52 4.42 -7.09	81.65 4.09 -6.99
ASTORIA_GT_1 23523	68.53 3.20 -4.94	66.26 2.64 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.65 2.35 -4.09	66.53 2.59 -5.05	74.40 3.57 -8.08	91.57 3.72 -26.80	79.52 4.93 -8.95	74.52 4.59 -8.70	74.76 4.53 -9.07	74.09 4.52 -8.48	69.71 4.50 -4.37	69.48 4.43 -4.35	74.23 4.44 -8.99	74.95 4.93 -8.37	79.23 4.73 -13.08	105.09 6.71 -13.43	116.78 7.73 -11.22	99.60 6.50 -6.50	95.78 5.92 -6.45	86.09 5.00 -6.50	80.72 4.62 -7.09	81.86 4.30 -6.99
ASTORIA_GT_10 24110	68.79 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.14 5.12 -8.38	79.42 4.91 -13.09	105.27 6.88 -13.44	116.99 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
ASTORIA_GT_11 24225	68.79 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.14 5.12 -8.38	79.42 4.91 -13.09	105.27 6.88 -13.44	116.99 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
ASTORIA_GT_12 24226	68.79 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.14 5.12 -8.38	79.42 4.91 -13.09	105.27 6.88 -13.44	116.99 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
ASTORIA_GT_13 24227	68.79 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.14 5.12 -8.38	79.42 4.91 -13.09	105.27 6.88 -13.44	116.99 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
ASTORIA_GT_5 24106	68.55 3.20 -4.94	66.26 2.63 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.65 2.35 -4.09	66.54 2.59 -5.06	74.41 3.58 -8.09	91.57 3.72 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.10 4.52 -8.49	69.71 4.50 -4.38	69.49 4.43 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.24 4.73 -13.09	105.02 6.63 -13.44	116.79 7.73 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.65 4.55 -7.09	81.79 4.23 -6.99
ASTORIA_GT_7 24107	68.55 3.20 -4.94	66.26 2.63 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.65 2.35 -4.09	66.54 2.59 -5.06	74.41 3.58 -8.09	91.57 3.72 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.10 4.52 -8.49	69.71 4.50 -4.38	69.49 4.43 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.24 4.73 -13.09	105.02 6.63 -13.44	116.79 7.73 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.65 4.55 -7.09	81.79 4.23 -6.99
ASTORIA_GT_8 24108	68.55 3.20 -4.94	66.26 2.63 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.65 2.35 -4.09	66.54 2.59 -5.06	74.41 3.58 -8.09	91.57 3.72 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.10 4.52 -8.49	69.71 4.50 -4.38	69.49 4.43 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.24 4.73 -13.09	105.02 6.63 -13.44	116.79 7.73 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.65 4.55 -7.09	81.79 4.23 -6.99
ASTORIA___2 24149	68.41 3.08 -4.94	66.20 2.57 -5.11	65.45 2.37 -3.86	65.15 2.26 -3.48	66.53 2.23 -4.09	66.42 2.47 -5.05	74.28 3.45 -8.08	91.44 3.60 -26.80	79.33 4.73 -8.95	74.40 4.47 -8.70	74.64 4.41 -9.07	73.97 4.40 -8.48	69.59 4.38 -4.37	69.30 4.25 -4.35	74.11 4.32 -8.99	74.83 4.81 -8.37	79.11 4.61 -13.08	104.93 6.54 -13.43	116.59 7.53 -11.22	99.42 6.32 -6.50	95.60 5.75 -6.45	85.94 4.85 -6.50	80.58 4.48 -7.09	81.71 4.16 -6.99
ASTORIA___3 23516	68.78 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.68 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.96 -8.09	91.81 3.97 -26.81	79.73 5.12 -8.96	74.72 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.83 4.62 -4.38	69.61 4.56 -4.35	74.36 4.56 -9.00	75.14 5.11 -8.38	79.42 4.92 -13.09	105.36 6.97 -13.44	116.98 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.14 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
ASTORIA___4 23517	68.79 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.84 4.62 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.14 5.12 -8.38	79.42 4.91 -13.09	105.27 6.88 -13.44	116.99 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
ASTORIA___5 23518	68.78 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.68 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.96 -8.09	91.81 3.97 -26.81	79.73 5.12 -8.96	74.72 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.83 4.62 -4.38	69.61 4.56 -4.35	74.36 4.56 -9.00	75.14 5.11 -8.38	79.42 4.92 -13.09	105.36 6.97 -13.44	116.98 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.14 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
AST_ENERGY_2_CC3 323677	68.36 3.02 -4.94	66.20 2.57 -5.11	65.62 2.54 -3.86	65.33 2.44 -3.48	66.78 2.47 -4.09	66.72 2.77 -5.06	74.54 3.70 -8.09	91.57 3.72 -26.81	79.27 4.66 -8.96	74.28 4.35 -8.71	74.52 4.28 -9.08	73.79 4.21 -8.49	69.41 4.19 -4.38	69.19 4.13 -4.35	73.99 4.19 -9.00	74.71 4.68 -8.38	78.93 4.42 -13.09	104.77 6.37 -13.44	116.30 7.24 -11.23	99.26 6.15 -6.51	95.45 5.59 -6.46	85.80 4.70 -6.50	80.31 4.21 -7.09	81.29 3.74 -6.99
AST_ENERGY_2_CC4 323678	68.36 3.02 -4.94	66.20 2.57 -5.11	65.62 2.54 -3.86	65.33 2.44 -3.48	66.78 2.47 -4.09	66.72 2.77 -5.06	74.54 3.70 -8.09	91.57 3.72 -26.81	79.27 4.66 -8.96	74.28 4.35 -8.71	74.52 4.28 -9.08	73.79 4.21 -8.49	69.41 4.19 -4.38	69.19 4.13 -4.35	73.99 4.19 -9.00	74.71 4.68 -8.38	78.93 4.42 -13.09	104.77 6.37 -13.44	116.30 7.24 -11.23	99.26 6.15 -6.51	95.45 5.59 -6.46	85.80 4.70 -6.50	80.31 4.21 -7.09	81.29 3.74 -6.99

ATHENS_STG_1 23668	66.42 2.24 -3.79	64.36 1.93 -3.92	64.19 2.01 -2.96	64.10 2.02 -2.67	65.40 2.05 -3.13	64.89 2.12 -3.87	71.64 2.70 -6.20	90.31 2.56 -26.71	75.72 3.15 -6.92	72.62 2.88 -8.52	72.87 2.82 -8.89	72.59 2.75 -8.75	67.93 2.74 -4.35	67.78 2.67 -4.40	73.24 2.67 -9.77	73.41 3.08 -8.68	77.32 2.95 -12.95	102.50 4.25 -13.30	111.92 4.79 -9.30	95.63 4.16 -4.88	91.85 3.84 -4.61	82.78 3.21 -4.98	77.41 2.97 -5.44	78.67 2.75 -5.36
ATHENS_STG_2 23670	66.42 2.24 -3.79	64.36 1.93 -3.92	64.19 2.01 -2.96	64.10 2.02 -2.67	65.40 2.05 -3.13	64.89 2.12 -3.87	71.64 2.70 -6.20	90.31 2.56 -26.71	75.72 3.15 -6.92	72.62 2.88 -8.52	72.87 2.82 -8.89	72.59 2.75 -8.75	67.93 2.74 -4.35	67.78 2.67 -4.40	73.24 2.67 -9.77	73.41 3.08 -8.68	77.32 2.95 -12.95	102.50 4.25 -13.30	111.92 4.79 -9.30	95.63 4.16 -4.88	91.85 3.84 -4.61	82.78 3.21 -4.98	77.41 2.97 -5.44	78.67 2.75 -5.36
ATHENS_STG_3 23677	66.42 2.24 -3.79	64.36 1.93 -3.92	64.19 2.01 -2.96	64.10 2.02 -2.67	65.40 2.05 -3.13	64.89 2.12 -3.87	71.64 2.70 -6.20	90.31 2.56 -26.71	75.72 3.15 -6.92	72.62 2.88 -8.52	72.87 2.82 -8.89	72.59 2.75 -8.75	67.93 2.74 -4.35	67.78 2.67 -4.40	73.24 2.67 -9.77	73.41 3.08 -8.68	77.32 2.95 -12.95	102.50 4.25 -13.30	111.92 4.79 -9.30	95.63 4.16 -4.88	91.85 3.84 -4.61	82.78 3.21 -4.98	77.41 2.97 -5.44	78.67 2.75 -5.36
AUBURN___LFGE 323710	59.68 -0.72 0.00	57.69 -0.82 0.00	58.20 -1.01 0.00	58.46 -0.95 0.00	59.38 -0.84 0.00	58.49 -0.41 0.00	62.94 0.19 0.00	64.05 0.12 -2.89	66.14 0.46 -0.03	62.45 -0.06 -1.29	62.39 -0.12 -1.35	62.15 -0.24 -1.31	60.92 -0.61 -0.70	60.67 -0.73 -0.69	61.65 -0.61 -1.46	63.18 0.25 -1.29	63.79 0.31 -2.07	87.76 0.68 -2.12	99.20 0.88 -0.49	87.37 0.78 0.00	83.91 0.50 0.00	74.97 0.37 0.00	69.01 0.00 0.00	70.77 0.21 0.00
BABYLON_RES_REC 323704	87.44 4.71 -22.33	77.05 4.22 -14.32	70.31 4.20 -6.90	66.87 3.98 -3.48	70.38 4.21 -5.95	72.77 4.47 -9.40	119.04 5.58 -50.71	142.48 5.55 -75.89	142.69 6.63 -70.41	122.06 5.94 -54.90	113.89 5.81 -46.92	95.19 5.68 -28.42	71.55 5.59 -5.13	71.56 5.52 -5.33	92.51 5.59 -26.12	99.98 6.22 -32.11	122.24 6.14 -54.68	161.79 8.92 -67.92	164.65 10.17 -56.64	138.80 8.66 -43.55	133.88 8.09 -42.38	125.72 6.86 -44.27	115.25 6.14 -40.10	115.61 5.85 -39.20
BABYLON__69_KV_BK2 356345	88.22 5.50 -22.33	77.81 4.97 -14.32	71.02 4.91 -6.90	67.64 4.75 -3.48	71.17 5.00 -5.95	73.54 5.24 -9.40	119.92 6.46 -50.71	143.40 6.47 -75.89	143.61 7.55 -70.41	122.92 6.80 -54.90	114.63 6.54 -46.92	95.86 6.35 -28.42	72.29 6.33 -5.13	72.23 6.19 -5.33	93.18 6.26 -26.12	100.72 6.97 -32.11	123.04 6.94 -54.68	163.07 10.19 -67.92	166.21 11.74 -56.64	140.19 10.05 -43.55	135.05 9.26 -42.38	126.77 7.91 -44.27	116.22 7.11 -40.10	116.68 6.91 -39.20
BALL_HILL_WT_PWR 323825	55.93 -4.47 0.00	54.12 -4.39 0.00	54.06 -5.15 0.00	54.48 -4.93 0.00	55.40 -4.82 0.00	54.48 -4.42 0.00	59.11 -3.64 0.00	57.98 -5.25 -2.19	61.42 -4.27 -0.03	58.06 -4.78 -1.62	57.72 -5.14 -1.70	57.29 -5.44 -1.64	56.28 -5.35 -0.81	55.37 -6.07 -0.73	56.21 -5.90 -1.31	60.23 -3.02 -1.61	60.39 -3.62 -2.59	82.78 -4.84 -2.66	93.46 -4.99 -0.61	82.18 -4.41 0.00	79.24 -4.17 0.00	71.17 -3.43 0.00	65.83 -3.17 0.00	68.72 -1.83 0.00
BARON_WINDS___WT_PWR 323822	58.40 -3.50 -1.50	56.56 -3.51 -1.55	56.36 -4.03 -1.18	56.55 -3.92 -1.06	57.67 -3.79 -1.24	57.14 -3.30 -1.54	62.51 -2.70 -2.46	58.81 -3.84 -1.62	65.28 -3.08 -2.71	59.73 -3.80 -2.30	59.40 -4.16 -2.40	58.78 -4.46 -2.15	57.65 -4.08 -0.89	56.77 -4.55 -0.62	58.03 -4.32 -1.54	61.91 -1.85 -2.11	63.07 -1.78 -3.43	86.53 -1.95 -3.52	99.16 -1.96 -3.28	87.06 -1.47 -1.94	83.73 -1.50 -1.83	75.37 -1.20 -1.97	69.85 -1.31 -2.15	72.12 -0.57 -2.12
BARRETT_IC_1 23704	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_10 23701	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_11 23702	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_12 23703	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_2 23705	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_3 23706	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_4 23707	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20

BARRETT_IC_5 23708	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_6 23709	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_7 23710	86.41 3.68 -22.33	76.17 3.34 -14.32	69.48 3.38 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.96 4.03 -75.89	140.99 4.92 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.74 -5.13	70.71 4.67 -5.33	91.54 4.62 -26.12	98.93 5.18 -32.11	120.89 4.79 -54.68	159.50 6.63 -67.92	162.20 7.73 -56.64	136.64 6.49 -43.55	131.79 6.01 -42.38	123.94 5.07 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_8 23711	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT_IC_9 23700	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT___1 23545	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BARRETT___2 23546	86.41 3.68 -22.33	76.17 3.33 -14.32	69.48 3.37 -6.90	66.16 3.27 -3.48	69.48 3.31 -5.95	71.89 3.59 -9.40	117.73 4.27 -50.71	140.95 4.03 -75.89	140.99 4.93 -70.41	120.77 4.65 -54.90	112.73 4.65 -46.92	94.22 4.70 -28.42	70.71 4.75 -5.13	70.71 4.67 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	120.90 4.79 -54.68	159.58 6.71 -67.92	162.20 7.73 -56.64	136.64 6.50 -43.55	131.80 6.01 -42.38	123.94 5.08 -44.27	113.80 4.69 -40.10	114.07 4.30 -39.20
BATAVIA___115KV_TB1 55881	56.96 -3.44 0.00	55.30 -3.22 0.00	55.07 -4.14 0.00	55.55 -3.86 0.00	56.49 -3.73 0.00	55.54 -3.36 0.00	60.37 -2.38 0.00	60.45 -2.99 -2.40	63.12 -2.56 -0.03	59.21 -3.43 -1.41	59.35 -3.30 -1.48	58.92 -3.60 -1.44	56.69 -4.87 -0.73	56.66 -4.74 -0.69	57.75 -4.26 -1.21	60.41 -2.65 -1.41	60.68 -3.01 -2.27	83.21 -4.08 -2.33	94.16 -4.21 -0.54	82.44 -4.16 0.00	79.57 -3.84 0.00	71.61 -2.98 0.00	66.11 -2.90 0.00	69.08 -1.48 0.00
BAYONEEC___CTG1 323682	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG10 323750	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG2 323683	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG3 323684	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG4 323685	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG5 323686	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG6 323687	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99

BAYONEEC___CTG7 323688	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG8 323689	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BAYONEEC___CTG9 323749	68.42 3.08 -4.94	66.26 2.64 -5.11	65.67 2.60 -3.86	65.38 2.49 -3.48	66.83 2.53 -4.08	66.78 2.83 -5.05	74.60 3.76 -8.08	91.63 3.79 -26.81	79.33 4.73 -8.95	74.34 4.41 -8.71	74.59 4.34 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	78.03 4.48 -12.13	95.39 6.37 -4.06	104.13 7.34 1.04	89.25 6.15 3.50	87.58 5.67 1.50	84.96 4.70 -5.66	80.38 4.28 -7.09	81.36 3.81 -6.99
BEACON___LESR 323632	90.88 3.02 -27.46	89.72 2.81 -28.39	83.63 2.96 -21.46	81.73 2.97 -19.35	85.86 2.95 -22.69	89.86 2.89 -28.08	110.93 3.26 -44.92	132.05 3.05 -67.96	118.22 3.61 -48.96	88.70 3.43 -24.05	89.48 3.42 -24.89	82.28 3.54 -17.65	75.40 3.40 -11.17	74.15 3.34 -10.10	76.40 3.34 -12.25	82.00 3.57 -16.78	98.89 3.38 -34.09	124.37 4.41 -35.00	156.08 4.99 -53.26	121.32 4.33 -30.39	105.05 4.09 -17.56	114.28 3.58 -36.10	111.72 3.31 -39.40	112.73 3.32 -38.85
BEAVER RIVER___HYD 24048	60.94 0.54 0.00	59.04 0.53 0.00	59.68 0.47 0.00	60.00 0.59 0.00	60.88 0.66 0.00	59.72 0.82 0.00	63.94 1.19 0.00	63.68 1.77 -0.87	67.36 1.70 -0.01	62.39 1.16 -0.01	62.21 1.04 -0.01	62.16 0.92 -0.15	61.69 0.85 -0.01	61.48 0.73 -0.04	62.03 0.85 -0.38	62.80 0.98 -0.17	62.65 1.23 0.00	87.08 2.12 0.00	101.55 3.72 0.00	89.88 3.29 0.00	86.75 3.34 0.00	77.58 2.99 0.00	71.56 2.55 0.00	73.45 2.89 0.00
BEEBEE_GT_13 23619	57.38 -3.02 0.00	55.65 -2.87 0.00	55.72 -3.49 0.00	56.14 -3.27 0.00	57.03 -3.19 0.00	56.07 -2.83 0.00	60.62 -2.13 0.00	61.51 -2.08 -2.55	63.58 -2.10 -0.03	59.82 -2.63 -1.23	60.25 -2.20 -1.29	59.96 -2.38 -1.26	57.59 -3.89 -0.65	57.94 -3.40 -0.64	59.04 -2.86 -1.10	60.79 -2.10 -1.24	60.94 -2.46 -1.97	83.58 -3.40 -2.03	94.58 -3.72 -0.47	83.04 -3.55 0.00	79.99 -3.42 0.00	71.76 -2.83 0.00	66.18 -2.83 0.00	68.65 -1.91 0.00
BENSHRST_27_KV_BENSHRST_1 355998	69.27 3.93 -4.94	67.02 3.39 -5.11	66.45 3.38 -3.86	66.16 3.27 -3.48	67.44 3.13 -4.09	67.37 3.42 -5.06	75.29 4.46 -8.09	92.31 4.46 -26.81	80.45 5.84 -8.96	75.39 5.45 -8.71	75.69 5.44 -9.08	74.96 5.38 -8.49	70.57 5.35 -4.38	70.35 5.28 -4.36	75.03 5.23 -9.00	75.89 5.86 -8.39	136.73 5.59 -69.72	206.27 7.82 -113.50	256.47 9.10 -149.54	167.46 7.71 -73.15	129.01 7.09 -38.52	86.99 5.89 -6.50	81.48 5.38 -7.09	82.42 4.87 -6.99
BETHLEHEM___GRP 23843	89.06 1.87 -26.79	87.96 1.76 -27.69	82.04 1.89 -20.93	80.24 1.96 -18.87	84.22 1.87 -22.13	88.05 1.77 -27.39	108.63 2.07 -43.81	129.80 1.89 -66.87	115.77 2.36 -47.76	87.18 2.33 -23.63	88.07 2.45 -24.46	81.02 2.50 -17.43	74.25 2.43 -10.99	73.09 2.43 -9.95	75.39 2.37 -12.22	80.56 2.34 -16.57	97.09 2.15 -33.52	121.92 2.55 -34.42	152.58 2.74 -52.01	120.83 2.34 -31.89	109.82 2.17 -24.25	111.75 1.94 -35.21	109.23 1.79 -38.43	110.22 1.76 -37.89
BETHLEHEM___GS1 323560	89.06 1.87 -26.79	87.96 1.75 -27.69	82.04 1.89 -20.93	80.24 1.96 -18.87	84.22 1.87 -22.13	88.05 1.77 -27.39	108.62 2.07 -43.81	129.80 1.89 -66.87	115.77 2.36 -47.76	87.18 2.33 -23.63	88.07 2.45 -24.46	81.02 2.51 -17.43	74.25 2.44 -10.99	73.09 2.43 -9.95	75.39 2.37 -12.22	80.62 2.40 -16.57	97.09 2.15 -33.52	121.92 2.55 -34.42	152.58 2.74 -52.01	120.83 2.34 -31.89	109.82 2.16 -24.25	111.74 1.94 -35.21	109.23 1.79 -38.43	110.22 1.76 -37.89
BETHLEHEM___GS2 323561	89.06 1.87 -26.79	87.96 1.75 -27.69	82.04 1.89 -20.93	80.24 1.96 -18.87	84.22 1.87 -22.13	88.05 1.77 -27.39	108.62 2.07 -43.81	129.80 1.89 -66.87	115.77 2.36 -47.76	87.18 2.33 -23.63	88.07 2.45 -24.46	81.02 2.51 -17.43	74.25 2.44 -10.99	73.09 2.43 -9.95	75.39 2.37 -12.22	80.62 2.40 -16.57	97.09 2.15 -33.52	121.92 2.55 -34.42	152.58 2.74 -52.01	120.83 2.34 -31.89	109.82 2.16 -24.25	111.74 1.94 -35.21	109.23 1.79 -38.43	110.22 1.76 -37.89
BETHLEHEM___GS3 323562	89.06 1.87 -26.79	87.96 1.75 -27.69	82.04 1.89 -20.93	80.24 1.96 -18.87	84.22 1.87 -22.13	88.05 1.77 -27.39	108.62 2.07 -43.81	129.80 1.89 -66.87	115.77 2.36 -47.76	87.18 2.33 -23.63	88.07 2.45 -24.46	81.02 2.51 -17.43	74.25 2.44 -10.99	73.09 2.43 -9.95	75.39 2.37 -12.22	80.62 2.40 -16.57	97.09 2.15 -33.52	121.92 2.55 -34.42	152.58 2.74 -52.01	120.83 2.34 -31.89	109.82 2.16 -24.25	111.74 1.94 -35.21	109.23 1.79 -38.43	110.22 1.76 -37.89
BETHLEHEM___STEEL 23779	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.46 -4.76 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	57.88 -5.43 -2.27	61.35 -4.33 -0.03	58.00 -4.84 -1.61	57.60 -5.26 -1.69	57.10 -5.62 -1.63	56.17 -5.47 -0.81	55.19 -6.25 -0.74	55.86 -6.26 -1.33	59.61 -3.64 -1.61	60.02 -3.99 -2.59	82.18 -5.44 -2.66	92.67 -5.77 -0.61	81.23 -5.37 0.00	78.40 -5.00 0.00	70.72 -3.88 0.00	65.35 -3.66 0.00	68.44 -2.12 0.00
BETHLHEM_115KV_TB1 79974	87.61 1.87 -25.34	86.47 1.76 -26.20	80.91 1.89 -19.81	79.23 1.96 -17.86	83.03 1.87 -20.94	86.58 1.77 -25.91	106.27 2.07 -41.45	127.46 1.95 -64.47	113.27 2.43 -45.19	86.27 2.33 -22.72	87.13 2.45 -23.52	80.52 2.50 -16.93	73.85 2.43 -10.59	72.70 2.37 -9.63	75.30 2.37 -12.13	80.17 2.40 -16.13	95.92 2.21 -32.29	120.83 2.72 -33.15	150.11 2.93 -49.34	119.28 2.51 -30.17	108.68 2.34 -22.94	110.00 2.09 -33.31	107.30 1.93 -36.36	108.31 1.91 -35.85
BETHPAGE_CC_5 323564	86.65 3.92 -22.33	76.29 3.45 -14.32	69.54 3.43 -6.90	66.22 3.32 -3.48	69.60 3.43 -5.95	72.01 3.71 -9.40	118.17 4.71 -50.71	141.56 4.64 -75.89	141.64 5.58 -70.41	121.27 5.14 -54.90	113.10 5.02 -46.92	94.46 4.95 -28.42	70.95 4.99 -5.13	70.89 4.86 -5.33	91.84 4.92 -26.12	99.18 5.43 -32.11	121.39 5.28 -54.68	160.43 7.56 -67.92	163.18 8.70 -56.64	137.59 7.45 -43.55	132.63 6.84 -42.38	124.61 5.74 -44.27	114.35 5.24 -40.10	114.63 4.86 -39.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	56.11 -4.29 0.00	54.36 -4.15 0.00	54.30 -4.91 0.00	54.72 -4.69 0.00	55.64 -4.58 0.00	54.66 -4.24 0.00	59.24 -3.51 0.00	57.89 -5.49 -2.34	61.55 -4.14 -0.03	58.20 -4.65 -1.63	57.62 -5.26 -1.71	57.06 -5.68 -1.65	56.60 -5.05 -0.82	55.33 -6.13 -0.75	55.82 -6.32 -1.34	59.82 -3.45 -1.63	60.42 -3.62 -2.62	82.64 -5.01 -2.69	93.17 -5.28 -0.62	81.66 -4.94 0.00	78.90 -4.50 0.00	71.09 -3.51 0.00	65.69 -3.31 0.00	68.72 -1.83 0.00

BINGHAMTON___COGEN 23790	62.35 -0.36 -2.31	60.38 -0.53 -2.39	60.37 -0.65 -1.81	60.39 -0.65 -1.63	61.59 -0.54 -1.91	60.97 -0.29 -2.37	66.79 0.25 -3.78	70.74 -0.37 -10.07	70.15 0.33 -4.17	64.53 -0.12 -3.43	64.37 -0.37 -3.57	63.61 -0.61 -3.14	62.17 -0.36 -1.70	61.44 -0.91 -1.65	62.85 -0.85 -2.90	65.08 0.37 -3.07	66.89 0.37 -5.10	90.96 0.76 -5.24	103.83 0.98 -5.02	90.44 0.87 -2.98	86.89 0.67 -2.81	78.16 0.52 -3.04	72.67 0.35 -3.32	74.47 0.64 -3.27
BIXINCNT_115KV_LOAD 355685	55.08 -5.32 0.00	53.19 -5.32 0.00	52.99 -6.22 0.00	53.47 -5.94 0.00	54.32 -5.90 0.00	53.60 -5.30 0.00	58.29 -4.46 0.00	56.66 -7.02 -2.65	60.76 -4.92 -0.04	57.43 -5.51 -1.72	56.30 -6.67 -1.81	55.68 -7.15 -1.74	56.47 -5.23 -0.87	54.84 -6.68 -0.81	55.09 -7.11 -1.40	60.03 -3.33 -1.71	61.23 -2.95 -2.76	83.97 -3.82 -2.83	96.98 -3.52 -2.67	84.81 -3.38 -1.59	81.81 -3.09 -1.49	73.90 -2.31 -1.61	68.57 -2.21 -1.77	71.31 -0.99 -1.73
BLACK RIVER___HYD 24047	61.61 1.21 0.00	59.57 1.05 0.00	60.16 0.94 0.00	60.48 1.07 0.00	61.42 1.20 0.00	60.37 1.47 0.00	64.88 2.13 0.00	65.39 3.11 -1.24	68.88 3.22 -0.01	63.56 2.33 -0.01	63.37 2.20 -0.01	63.26 1.95 -0.21	62.67 1.82 -0.01	62.40 1.64 -0.06	63.22 1.89 -0.53	64.41 2.53 -0.24	64.12 2.70 0.00	89.20 4.25 0.00	103.80 5.97 0.00	91.88 5.28 0.00	88.41 5.00 0.00	78.85 4.25 0.00	72.59 3.59 0.00	74.58 4.02 0.00
BLACKRVR_115KV_TB2 79977	61.61 1.21 0.00	59.57 1.05 0.00	60.16 0.95 0.00	60.48 1.07 0.00	61.42 1.20 0.00	60.37 1.47 0.00	64.88 2.13 0.00	65.39 3.11 -1.24	68.88 3.22 -0.01	63.56 2.33 -0.01	63.38 2.20 -0.01	63.26 1.95 -0.21	62.61 1.76 -0.01	62.40 1.64 -0.06	63.16 1.82 -0.53	64.35 2.47 -0.24	64.12 2.70 0.00	89.54 4.59 0.00	104.19 6.36 0.00	92.22 5.63 0.00	88.74 5.34 0.00	79.15 4.55 0.00	72.87 3.86 0.00	74.58 4.02 0.00
BLISS_WT_PWR 323608	54.48 -5.92 0.00	52.54 -5.97 0.00	52.34 -6.87 0.00	52.87 -6.54 0.00	53.66 -6.56 0.00	52.95 -5.95 0.00	57.67 -5.08 0.00	56.11 -7.57 -2.65	60.30 -5.38 -0.04	56.58 -6.37 -1.72	55.75 -7.22 -1.81	55.19 -7.64 -1.74	55.93 -5.78 -0.87	54.48 -7.04 -0.81	54.87 -7.30 -1.37	60.46 -2.90 -1.71	61.11 -3.07 -2.76	84.05 -3.74 -2.83	97.00 -3.52 -2.68	85.24 -2.94 -1.59	82.07 -2.84 -1.50	73.98 -2.24 -1.62	68.77 -2.00 -1.77	71.31 -0.99 -1.74
BLUESTONE___WT_PWR 323821	66.92 2.29 -4.23	64.93 2.05 -4.37	64.41 1.89 -3.30	64.34 1.96 -2.98	65.82 2.11 -3.49	65.64 2.42 -4.32	73.17 3.51 -6.91	77.95 3.11 -13.80	76.96 3.74 -7.57	69.01 2.76 -5.03	68.84 2.45 -5.23	67.29 2.08 -4.13	65.40 2.13 -2.44	64.63 1.64 -2.28	66.35 1.95 -3.60	68.95 3.33 -3.98	72.48 3.68 -7.38	98.90 6.37 -7.57	114.45 7.92 -8.70	99.32 6.92 -5.45	95.46 5.97 -5.14	86.12 5.24 -5.55	80.31 5.79 -6.06	82.32 5.79 -5.98
BLUE_CIRC_CHEM_DRP 24182	82.19 2.36 -19.44	80.77 2.17 -20.09	76.71 2.31 -15.19	75.42 2.32 -13.69	78.57 2.29 -16.06	80.95 2.18 -19.87	96.98 2.45 -31.79	117.72 2.26 -54.42	102.99 2.63 -34.71	82.59 2.45 -18.92	83.21 2.45 -19.60	78.39 2.50 -14.79	72.19 2.43 -8.93	71.32 2.37 -8.25	74.79 2.37 -11.62	78.43 2.59 -14.20	91.07 2.52 -27.13	116.12 3.31 -27.85	140.05 3.82 -38.40	112.49 3.38 -22.52	102.19 3.17 -15.61	102.90 2.76 -25.55	99.51 2.62 -27.88	100.74 2.68 -27.50
BOC_GAS_DRP 24189	79.47 1.75 -17.32	78.00 1.58 -17.90	74.40 1.66 -13.53	73.33 1.72 -12.20	76.21 1.69 -14.31	78.31 1.71 -17.71	93.14 2.07 -28.32	114.15 1.95 -51.15	98.96 2.36 -30.95	81.08 2.20 -17.65	81.67 2.20 -18.30	77.50 2.26 -14.15	71.41 2.19 -8.39	70.64 2.12 -7.81	74.52 2.13 -11.59	77.61 2.34 -13.62	89.06 2.21 -25.43	114.04 2.97 -26.11	135.67 3.33 -34.51	110.15 2.94 -20.61	101.73 2.67 -15.65	99.67 2.31 -22.76	95.99 2.14 -24.84	97.10 2.05 -24.50
BOONVILLE_115KV_TB1 79983	61.79 1.39 0.00	59.80 1.29 0.00	60.45 1.24 0.00	60.72 1.31 0.00	61.60 1.39 0.00	60.49 1.59 0.00	64.82 2.07 0.00	63.95 2.20 -0.72	68.09 2.43 -0.01	63.13 1.90 -0.01	62.88 1.71 -0.01	62.86 1.65 -0.12	62.48 1.64 -0.01	62.20 1.46 -0.03	62.69 1.58 -0.31	63.70 1.91 -0.14	63.45 2.03 0.00	88.27 3.31 0.00	102.43 4.60 0.00	90.67 4.07 0.00	87.24 3.84 0.00	77.88 3.28 0.00	71.84 2.83 0.00	73.52 2.96 0.00
BORALEX_4TH_BRANCH 23824	101.74 4.23 -37.11	100.75 3.86 -38.37	92.13 3.91 -29.01	89.42 3.86 -26.15	94.86 3.97 -30.67	100.91 4.06 -37.95	128.28 4.83 -60.70	149.47 4.64 -83.79	137.12 5.38 -66.08	96.18 4.84 -30.12	97.07 4.77 -31.14	86.74 4.70 -20.95	79.32 4.68 -13.80	77.53 4.55 -12.27	78.17 4.56 -12.81	86.43 5.05 -19.73	108.68 4.98 -42.29	135.34 6.97 -43.42	176.94 8.02 -71.08	143.73 7.10 -50.03	142.17 6.67 -52.10	129.20 5.82 -48.79	127.50 5.24 -53.25	128.28 5.22 -52.50
BOWLINE___1 23526	67.60 2.42 -4.78	65.45 1.99 -4.94	64.90 1.95 -3.74	64.68 1.90 -3.37	66.10 1.93 -3.95	66.02 2.24 -4.89	73.58 3.01 -7.82	89.95 2.93 -25.98	77.92 3.61 -8.66	72.91 3.24 -8.44	73.14 3.18 -8.80	72.43 3.11 -8.23	68.18 3.10 -4.25	67.96 3.03 -4.22	72.57 3.04 -8.73	73.28 3.51 -8.13	77.42 3.31 -12.68	102.82 4.84 -13.02	114.27 5.57 -10.87	97.43 4.67 -6.16	93.47 4.25 -5.81	84.39 3.51 -6.28	79.04 3.18 -6.86	80.07 2.75 -6.76
BOWLINE___2 23595	67.66 2.48 -4.78	65.56 2.10 -4.94	65.02 2.07 -3.74	64.74 1.96 -3.37	66.22 2.05 -3.95	66.08 2.29 -4.89	73.64 3.07 -7.82	90.01 2.99 -25.98	77.92 3.61 -8.66	72.91 3.24 -8.44	73.14 3.18 -8.80	72.44 3.11 -8.23	68.18 3.10 -4.25	68.02 3.09 -4.22	72.57 3.04 -8.73	73.28 3.51 -8.13	77.42 3.31 -12.68	102.82 4.84 -13.02	114.27 5.57 -10.87	97.43 4.67 -6.16	93.47 4.25 -5.81	84.39 3.51 -6.28	78.97 3.11 -6.86	80.07 2.75 -6.76
BRADY___115KV_TB2 356060	60.82 0.42 0.00	59.22 0.70 0.00	59.98 0.77 0.00	60.12 0.71 0.00	60.88 0.66 0.00	59.25 0.35 0.00	62.50 -0.25 0.00	61.04 0.00 0.00	64.80 -0.85 0.00	60.55 -0.67 0.00	60.43 -0.73 0.00	60.42 -0.67 0.00	60.47 -0.36 0.00	60.52 -0.18 0.00	60.37 -0.43 0.00	60.23 -1.42 0.00	60.44 -0.98 0.00	83.43 -1.53 0.00	96.27 -1.57 0.00	85.38 -1.21 0.00	82.82 -0.58 0.00	74.60 0.00 0.00	69.42 0.41 0.00	71.12 0.56 0.00
BRANSCOMB___SOLAR 323811	115.14 4.35 -50.39	114.71 4.09 -52.10	102.74 4.14 -39.39	99.01 4.10 -35.51	106.07 4.21 -41.64	114.67 4.24 -51.52	150.00 4.83 -82.42	171.96 4.58 -106.35	160.49 5.19 -89.66	104.46 4.59 -38.64	105.54 4.46 -39.91	91.21 4.40 -25.72	82.67 4.32 -17.52	80.31 4.25 -15.36	78.98 4.25 -13.93	90.56 4.87 -24.05	120.11 4.85 -53.84	147.21 6.97 -55.29	201.62 8.12 -95.67	160.44 7.10 -66.74	157.20 6.84 -66.96	146.88 6.04 -66.24	146.83 5.52 -72.30	147.42 5.57 -71.29
BRENTWOD_69_KV_W. BRTWOOD 56703	88.22 5.50 -22.33	77.81 4.97 -14.32	71.02 4.91 -6.90	67.58 4.69 -3.48	71.17 5.00 -5.95	73.54 5.24 -9.40	119.92 6.46 -50.71	143.40 6.47 -75.89	143.61 7.55 -70.41	122.86 6.73 -54.90	114.56 6.48 -46.92	95.86 6.35 -28.42	72.23 6.27 -5.13	72.17 6.13 -5.33	93.12 6.20 -26.12	100.66 6.90 -32.11	122.92 6.82 -54.68	162.90 10.02 -67.92	166.02 11.54 -56.64	140.01 9.87 -43.55	134.88 9.09 -42.38	126.70 7.83 -44.27	116.15 7.04 -40.10	116.61 6.84 -39.20

BRISTLHL_115KV_TB1 79998	58.71 -1.69 0.00	56.82 -1.70 0.00	57.38 -1.84 0.00	57.63 -1.78 0.00	58.47 -1.75 0.00	57.43 -1.47 0.00	61.56 -1.19 0.00	63.63 0.61 -1.98	66.59 0.92 -0.02	61.73 0.49 -0.02	61.73 0.55 -0.02	61.80 0.37 -0.34	60.85 0.00 -0.02	60.68 -0.12 -0.09	61.72 0.06 -0.86	62.89 0.86 -0.39	62.16 0.74 0.00	86.31 1.36 0.00	99.50 1.66 0.00	88.07 1.47 0.00	84.57 1.17 0.00	75.49 0.90 0.00	69.63 0.62 0.00	71.26 0.71 0.00
BROOKHAVEN___DRP 24191	87.74 5.01 -22.33	77.46 4.62 -14.32	70.67 4.56 -6.90	67.23 4.34 -3.48	70.75 4.58 -5.95	73.01 4.71 -9.40	119.42 5.96 -50.71	142.91 5.98 -75.89	143.15 7.09 -70.41	122.37 6.24 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.74 5.78 -5.13	71.68 5.65 -5.33	92.57 5.65 -26.12	99.80 6.04 -32.11	122.06 5.96 -54.68	161.88 9.01 -67.92	164.45 9.98 -56.64	138.46 8.31 -43.55	133.46 7.67 -42.38	125.50 6.64 -44.27	115.18 6.07 -40.10	115.76 6.00 -39.20
BROOKLYN_NAVY_YARD 23515	68.30 2.96 -4.94	66.14 2.51 -5.11	65.50 2.43 -3.86	65.21 2.31 -3.48	66.72 2.41 -4.09	66.66 2.71 -5.06	74.54 3.70 -8.09	91.63 3.79 -26.81	79.40 4.79 -8.96	74.40 4.47 -8.71	74.59 4.34 -9.08	73.98 4.40 -8.49	69.60 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.89 4.87 -8.38	79.05 4.55 -13.09	104.93 6.54 -13.44	116.49 7.43 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.87 4.78 -6.50	80.38 4.28 -7.09	81.29 3.74 -6.99
BROOKLYN___ARMY_DRP 323595	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
BROOKVLE_69_KV_TB1 55790	87.13 4.41 -22.33	76.70 3.86 -14.32	69.96 3.85 -6.90	66.57 3.68 -3.48	70.02 3.85 -5.95	72.42 4.12 -9.40	118.48 5.02 -50.71	141.87 4.94 -75.89	141.97 5.91 -70.41	121.57 5.45 -54.90	113.46 5.38 -46.92	94.83 5.31 -28.42	71.25 5.29 -5.13	71.20 5.16 -5.33	92.14 5.23 -26.12	99.55 5.79 -32.11	121.75 5.65 -54.68	160.94 8.07 -67.92	163.77 9.29 -56.64	138.02 7.88 -43.55	133.13 7.34 -42.38	125.06 6.19 -44.27	114.70 5.59 -40.10	114.98 5.22 -39.20
BROOME_2_LFGE 323671	62.35 -0.36 -2.31	60.38 -0.53 -2.39	60.37 -0.65 -1.81	60.39 -0.65 -1.63	61.59 -0.54 -1.91	60.97 -0.29 -2.37	66.79 0.25 -3.78	70.74 -0.36 -10.07	70.15 0.33 -4.17	64.53 -0.12 -3.43	64.37 -0.36 -3.57	63.61 -0.61 -3.14	62.17 -0.36 -1.70	61.45 -0.91 -1.65	62.91 -0.79 -2.90	65.20 0.49 -3.07	66.90 0.37 -5.10	91.05 0.85 -5.24	103.82 0.98 -5.01	90.44 0.87 -2.98	86.88 0.66 -2.81	78.16 0.53 -3.04	72.67 0.35 -3.32	74.46 0.63 -3.27
BROOME___LFGE 323600	62.35 -0.36 -2.31	60.38 -0.53 -2.39	60.37 -0.65 -1.81	60.39 -0.65 -1.63	61.59 -0.54 -1.91	60.97 -0.29 -2.37	66.79 0.25 -3.78	70.74 -0.36 -10.07	70.15 0.33 -4.17	64.53 -0.12 -3.43	64.37 -0.36 -3.57	63.61 -0.61 -3.14	62.17 -0.36 -1.70	61.45 -0.91 -1.65	62.91 -0.79 -2.90	65.20 0.49 -3.07	66.90 0.37 -5.10	91.05 0.85 -5.24	103.82 0.98 -5.01	90.44 0.87 -2.98	86.88 0.66 -2.81	78.16 0.53 -3.04	72.67 0.35 -3.32	74.46 0.63 -3.27
BROWNFLS_115KV_TB_3_5 80003	60.46 0.06 0.00	58.69 0.18 0.00	59.39 0.18 0.00	59.65 0.24 0.00	60.46 0.24 0.00	59.07 0.18 0.00	62.87 0.13 0.00	62.20 0.55 -0.61	65.85 0.20 -0.01	61.23 0.00 -0.01	61.05 -0.12 -0.01	61.07 -0.12 -0.11	60.78 -0.06 -0.01	60.73 0.00 -0.03	60.94 -0.12 -0.26	61.15 -0.62 -0.12	61.05 -0.37 0.00	84.70 -0.25 0.00	98.42 0.59 0.00	87.20 0.61 0.00	84.41 1.00 0.00	75.86 1.27 0.00	70.32 1.31 0.00	72.04 1.48 0.00
BROWNSV1_27_KV_LOAD 356125	69.03 3.68 -4.94	66.78 3.16 -5.11	66.15 3.08 -3.86	65.86 2.97 -3.48	67.32 3.01 -4.09	67.31 3.36 -5.05	75.16 4.33 -8.09	92.18 4.33 -26.81	80.06 5.45 -8.96	75.02 5.08 -8.71	75.20 4.95 -9.08	74.47 4.89 -8.49	70.14 4.93 -4.38	69.85 4.80 -4.35	74.66 4.86 -9.00	75.45 5.42 -8.38	79.66 5.16 -13.09	105.70 7.31 -13.44	117.48 8.41 -11.23	100.29 7.19 -6.51	96.45 6.59 -6.46	86.62 5.52 -6.50	81.07 4.97 -7.09	82.14 4.59 -6.99
BURROWS___LYONSDAL 23803	61.55 1.15 0.00	59.57 1.05 0.00	60.22 1.01 0.00	60.48 1.07 0.00	61.42 1.20 0.00	60.25 1.35 0.00	64.57 1.82 0.00	63.86 2.08 -0.75	67.82 2.17 -0.01	62.95 1.71 -0.01	62.64 1.47 -0.01	62.68 1.47 -0.13	62.24 1.40 -0.01	62.02 1.27 -0.04	62.46 1.34 -0.32	63.45 1.66 -0.15	63.20 1.78 0.00	87.93 2.97 0.00	102.33 4.50 0.00	90.58 3.98 0.00	87.24 3.84 0.00	77.88 3.28 0.00	71.84 2.83 0.00	73.52 2.96 0.00
CAITHNESS_CC_1 323624	87.62 4.89 -22.33	77.28 4.44 -14.32	70.49 4.38 -6.90	67.05 4.16 -3.48	70.63 4.46 -5.95	72.89 4.60 -9.40	119.23 5.77 -50.71	142.73 5.80 -75.89	142.96 6.89 -70.41	122.24 6.12 -54.90	113.89 5.81 -46.92	95.19 5.68 -28.42	71.62 5.66 -5.13	71.56 5.52 -5.33	92.51 5.59 -26.12	99.73 5.98 -32.11	122.00 5.90 -54.68	161.79 8.92 -67.92	164.26 9.78 -56.64	138.46 8.31 -43.55	133.38 7.59 -42.38	125.43 6.57 -44.27	115.11 6.00 -40.10	115.61 5.85 -39.20
CALPINE BETH_PAGE_GT4 24209	86.53 3.81 -22.33	76.17 3.34 -14.32	69.42 3.32 -6.90	66.04 3.15 -3.48	69.42 3.25 -5.95	71.83 3.53 -9.40	117.98 4.52 -50.71	141.38 4.46 -75.89	141.45 5.38 -70.41	121.08 4.96 -54.90	112.91 4.83 -46.92	94.28 4.76 -28.42	70.89 4.93 -5.13	70.89 4.86 -5.33	91.84 4.92 -26.12	99.00 5.24 -32.11	121.26 5.16 -54.68	160.18 7.31 -67.92	162.89 8.41 -56.64	137.33 7.19 -43.55	132.38 6.59 -42.38	124.46 5.59 -44.27	114.15 5.04 -40.10	114.49 4.73 -39.20
CALPINE_BETH_PAGE_GT_4 323586	86.53 3.81 -22.33	76.17 3.33 -14.32	69.42 3.31 -6.90	66.04 3.15 -3.48	69.42 3.25 -5.95	71.83 3.53 -9.40	117.98 4.52 -50.71	141.38 4.45 -75.89	141.45 5.38 -70.41	121.08 4.96 -54.90	112.91 4.83 -46.92	94.28 4.77 -28.42	70.89 4.93 -5.13	70.89 4.86 -5.33	91.84 4.92 -26.12	98.99 5.24 -32.11	121.26 5.16 -54.68	160.18 7.31 -67.92	162.89 8.41 -56.64	137.33 7.18 -43.55	132.46 6.68 -42.38	124.46 5.60 -44.27	114.14 5.03 -40.10	114.42 4.66 -39.20
CALPINE_BP_GT1 23823	86.53 3.81 -22.33	76.17 3.33 -14.32	69.42 3.31 -6.90	66.04 3.15 -3.48	69.42 3.25 -5.95	71.83 3.53 -9.40	117.98 4.52 -50.71	141.38 4.45 -75.89	141.45 5.38 -70.41	121.08 4.96 -54.90	112.91 4.83 -46.92	94.28 4.77 -28.42	70.89 4.93 -5.13	70.89 4.86 -5.33	91.84 4.92 -26.12	98.99 5.24 -32.11	121.26 5.16 -54.68	160.18 7.31 -67.92	162.89 8.41 -56.64	137.33 7.18 -43.55	132.46 6.68 -42.38	124.46 5.60 -44.27	114.14 5.03 -40.10	114.42 4.66 -39.20
CALSPAN___DRP 24200	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.46 -4.76 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	57.88 -5.43 -2.27	61.35 -4.33 -0.03	58.00 -4.84 -1.61	57.60 -5.26 -1.69	57.10 -5.62 -1.63	56.17 -5.47 -0.81	55.19 -6.25 -0.74	55.86 -6.26 -1.33	59.61 -3.64 -1.61	60.02 -3.99 -2.59	82.18 -5.44 -2.66	92.67 -5.77 -0.61	81.23 -5.37 0.00	78.40 -5.00 0.00	70.72 -3.88 0.00	65.35 -3.66 0.00	68.44 -2.12 0.00

CALVERTON___SOLAR 323806	87.92 5.20 -22.33	77.58 4.74 -14.32	70.78 4.68 -6.90	67.35 4.46 -3.48	70.87 4.70 -5.95	73.13 4.83 -9.40	119.55 6.08 -50.71	143.09 6.16 -75.89	143.35 7.29 -70.41	122.55 6.43 -54.90	114.14 6.06 -46.92	95.38 5.87 -28.42	71.80 5.84 -5.13	71.74 5.70 -5.33	92.69 5.78 -26.12	99.92 6.16 -32.11	122.13 6.02 -54.68	162.14 9.26 -67.92	164.55 10.08 -56.64	138.63 8.49 -43.55	133.55 7.76 -42.38	125.58 6.72 -44.27	115.25 6.14 -40.10	115.90 6.14 -39.20
CANDIGU_WT_PWR 323617	58.40 -3.50 -1.50	56.56 -3.51 -1.55	56.36 -4.03 -1.18	56.55 -3.92 -1.06	57.67 -3.79 -1.24	57.14 -3.30 -1.54	62.51 -2.70 -2.46	58.81 -3.84 -1.62	65.28 -3.08 -2.71	59.73 -3.80 -2.30	59.40 -4.16 -2.40	58.78 -4.46 -2.15	57.65 -4.08 -0.89	56.77 -4.55 -0.62	58.03 -4.32 -1.54	61.91 -1.85 -2.11	63.07 -1.78 -3.43	86.53 -1.95 -3.52	99.16 -1.96 -3.28	87.06 -1.47 -1.94	83.73 -1.50 -1.83	75.37 -1.20 -1.97	69.85 -1.31 -2.15	72.12 -0.57 -2.12
CARR STREET_E_SYR 24060	58.95 -1.45 0.00	56.99 -1.52 0.00	57.55 -1.66 0.00	57.81 -1.60 0.00	58.65 -1.57 0.00	57.66 -1.24 0.00	61.74 -1.01 0.00	62.16 -0.98 -2.10	64.89 -0.78 -0.02	60.20 -1.04 -0.02	60.14 -1.04 -0.02	60.35 -1.10 -0.36	59.39 -1.46 -0.02	59.29 -1.52 -0.10	60.31 -1.40 -0.91	61.32 -0.74 -0.41	60.56 -0.86 0.00	83.85 -1.11 0.00	96.46 -1.37 0.00	85.38 -1.21 0.00	82.07 -1.34 0.00	73.33 -1.27 0.00	67.69 -1.31 0.00	69.36 -1.20 0.00
CARTHAGE___PAPER 23857	61.18 0.78 0.00	59.22 0.70 0.00	59.86 0.65 0.00	60.12 0.72 0.00	61.06 0.84 0.00	59.96 1.06 0.00	64.32 1.57 0.00	64.39 2.26 -1.09	67.89 2.23 -0.01	62.82 1.59 -0.01	62.64 1.47 -0.01	62.56 1.28 -0.19	62.06 1.22 -0.01	61.85 1.09 -0.05	62.49 1.22 -0.47	63.40 1.54 -0.21	63.20 1.78 0.00	87.85 2.89 0.00	102.33 4.50 0.00	90.58 3.99 0.00	87.33 3.92 0.00	78.03 3.43 0.00	71.90 2.90 0.00	73.81 3.25 0.00
CASSADAGA_WT_PWR 323784	56.53 -3.87 0.00	54.71 -3.80 0.00	54.59 -4.62 0.00	55.01 -4.40 0.00	56.00 -4.22 0.00	55.13 -3.77 0.00	59.99 -2.76 0.00	58.91 -4.58 -2.45	62.54 -3.15 -0.03	59.10 -3.80 -1.68	58.58 -4.34 -1.76	58.14 -4.65 -1.70	57.60 -4.08 -0.85	56.38 -5.10 -0.78	57.03 -5.11 -1.33	61.71 -1.60 -1.67	62.09 -2.03 -2.69	85.25 -2.47 -2.76	98.41 -2.06 -2.64	86.26 -1.91 -1.57	83.05 -1.84 -1.48	74.71 -1.49 -1.60	69.37 -1.38 -1.75	72.07 -0.21 -1.72
CE_DUNWOOD___DRP 24194	68.35 3.02 -4.93	66.19 2.57 -5.10	65.61 2.55 -3.85	65.32 2.44 -3.47	66.82 2.53 -4.07	66.77 2.83 -5.04	74.45 3.64 -8.06	91.38 3.60 -26.74	79.05 4.46 -8.93	74.01 4.10 -8.69	74.19 3.98 -9.05	73.53 3.97 -8.47	69.16 3.95 -4.37	68.87 3.82 -4.34	73.67 3.89 -8.98	74.38 4.38 -8.36	78.71 4.24 -13.05	104.39 6.03 -13.40	115.98 6.95 -11.20	98.98 5.89 -6.49	95.18 5.34 -6.44	85.55 4.48 -6.48	80.08 4.00 -7.07	81.20 3.67 -6.98
CE_MILLWOOD___DRP 24193	68.22 2.90 -4.92	66.05 2.46 -5.08	65.48 2.43 -3.84	65.25 2.38 -3.46	66.69 2.41 -4.06	66.63 2.71 -5.03	74.30 3.51 -8.04	91.17 3.48 -26.65	78.82 4.27 -8.91	73.80 3.92 -8.66	73.98 3.79 -9.03	73.26 3.73 -8.44	68.96 3.77 -4.36	68.68 3.64 -4.33	73.39 3.65 -8.95	74.17 4.19 -8.33	78.42 3.99 -13.01	104.01 5.69 -13.36	115.56 6.55 -11.17	98.70 5.63 -6.48	94.91 5.09 -6.42	85.46 4.40 -6.46	79.92 3.86 -7.05	80.97 3.46 -6.96
CE_NYC2_DRP 24202	68.79 3.44 -4.94	66.55 2.93 -5.11	65.92 2.84 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.96 3.00 -5.06	74.79 3.95 -8.09	91.88 4.03 -26.81	79.73 5.12 -8.96	74.77 4.84 -8.71	74.95 4.71 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.67 4.61 -4.35	74.42 4.62 -9.00	75.20 5.18 -8.38	79.42 4.91 -13.09	105.36 6.97 -13.44	117.09 8.02 -11.23	99.86 6.75 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
CE_NYC_DRP 24195	68.54 3.20 -4.94	66.38 2.75 -5.11	65.74 2.66 -3.86	65.45 2.55 -3.48	66.95 2.65 -4.08	66.90 2.94 -5.05	74.73 3.89 -8.09	91.75 3.91 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.71 4.46 -9.08	74.04 4.46 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.17 4.67 -13.08	105.02 6.63 -13.44	116.69 7.63 -11.23	99.51 6.41 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.51 4.42 -7.09	81.57 4.02 -6.99
CHAFFEE___LFGE 323603	56.29 -4.11 0.00	54.53 -3.98 0.00	54.47 -4.74 0.00	54.89 -4.52 0.00	55.83 -4.39 0.00	54.83 -4.06 0.00	59.42 -3.33 0.00	58.37 -5.13 -2.46	61.75 -3.94 -0.03	58.36 -4.53 -1.67	57.96 -4.95 -1.75	57.46 -5.32 -1.69	56.75 -4.93 -0.84	55.53 -5.95 -0.78	56.06 -6.08 -1.34	60.34 -2.96 -1.66	60.41 -3.68 -2.67	82.77 -4.93 -2.75	93.28 -5.19 -0.63	82.00 -4.59 0.00	79.07 -4.34 0.00	71.09 -3.50 0.00	65.83 -3.17 0.00	68.80 -1.76 0.00
CHATEAUG_35_KV_LOAD 355732	58.83 -1.57 0.00	57.29 -1.23 0.00	58.09 -1.13 0.00	58.22 -1.19 0.00	58.90 -1.32 0.00	57.31 -1.59 0.00	60.24 -2.51 0.00	58.90 -2.14 0.00	62.57 -3.09 0.00	58.53 -2.69 0.00	58.47 -2.69 0.00	58.52 -2.57 0.00	58.46 -2.37 0.00	58.52 -2.19 0.00	58.37 -2.43 0.00	58.19 -3.45 0.00	58.59 -2.83 0.00	80.96 -3.99 0.00	93.43 -4.40 0.00	83.13 -3.46 0.00	80.99 -2.42 0.00	73.10 -1.49 0.00	68.18 -0.83 0.00	70.21 -0.35 0.00
CHATEAUG_WT_PWR 323614	58.65 -1.75 0.00	57.05 -1.46 0.00	57.85 -1.36 0.00	57.98 -1.43 0.00	58.72 -1.50 0.00	57.19 -1.71 0.00	60.05 -2.70 0.00	58.66 -2.38 0.00	62.37 -3.28 0.00	58.35 -2.88 0.00	58.35 -2.81 0.00	58.34 -2.75 0.00	58.28 -2.55 0.00	58.40 -2.31 0.00	58.19 -2.61 0.00	58.07 -3.58 0.00	58.41 -3.01 0.00	80.71 -4.25 0.00	93.33 -4.50 0.00	82.87 -3.72 0.00	80.73 -2.67 0.00	72.88 -1.71 0.00	67.97 -1.03 0.00	69.99 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	58.83 -1.57 0.00	57.29 -1.23 0.00	58.09 -1.13 0.00	58.22 -1.19 0.00	58.90 -1.32 0.00	57.31 -1.59 0.00	60.24 -2.51 0.00	58.90 -2.14 0.00	62.57 -3.09 0.00	58.53 -2.69 0.00	58.47 -2.69 0.00	58.52 -2.57 0.00	58.46 -2.37 0.00	58.52 -2.19 0.00	58.37 -2.43 0.00	58.19 -3.45 0.00	58.59 -2.83 0.00	80.96 -3.99 0.00	93.43 -4.40 0.00	83.13 -3.46 0.00	80.99 -2.42 0.00	73.10 -1.49 0.00	68.18 -0.83 0.00	70.21 -0.35 0.00
CHAUTAUQUA___LFGE 323629	56.11 -4.29 0.00	54.36 -4.15 0.00	54.24 -4.97 0.00	54.65 -4.75 0.00	55.64 -4.58 0.00	54.72 -4.18 0.00	59.48 -3.27 0.00	58.52 -4.82 -2.31	61.95 -3.74 -0.03	58.52 -4.35 -1.64	58.23 -4.65 -1.72	57.80 -4.95 -1.66	56.73 -4.93 -0.82	55.87 -5.58 -0.75	56.71 -5.41 -1.32	60.87 -2.41 -1.63	61.10 -2.95 -2.63	83.84 -3.82 -2.70	94.84 -3.62 -0.62	83.39 -3.20 0.00	80.32 -3.08 0.00	72.06 -2.54 0.00	66.66 -2.35 0.00	69.43 -1.13 0.00
CHERRYST_13_KV_LD 356241	68.73 3.38 -4.94	66.49 2.87 -5.11	65.92 2.84 -3.86	65.63 2.73 -3.48	67.07 2.77 -4.08	67.02 3.06 -5.05	74.91 4.08 -8.09	91.94 4.09 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.48 4.68 -9.00	75.27 5.24 -8.38	79.42 4.91 -13.08	105.27 6.88 -13.44	116.99 7.92 -11.23	99.77 6.67 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.72 4.62 -7.09	81.72 4.16 -6.99

CHESTROR_138KV_BK263 355645	67.27 2.30 -4.58	65.17 1.93 -4.73	64.74 1.95 -3.58	64.47 1.84 -3.22	65.93 1.93 -3.78	65.76 2.18 -4.68	73.12 2.89 -7.48	88.74 2.81 -24.89	77.42 3.48 -8.29	72.44 3.12 -8.09	72.59 3.00 -8.43	71.91 2.93 -7.89	67.82 2.92 -4.07	67.54 2.79 -4.05	72.03 2.86 -8.37	72.76 3.33 -7.79	76.83 3.26 -12.16	102.20 4.76 -12.48	113.72 5.48 -10.41	97.08 4.59 -5.90	93.14 4.17 -5.56	84.04 3.43 -6.01	78.68 3.11 -6.56	79.85 2.82 -6.47
CH_MIDHUDSON___DRP 24192	68.77 3.14 -5.23	66.62 2.69 -5.41	66.03 2.72 -4.09	65.71 2.61 -3.69	67.25 2.71 -4.32	67.19 2.94 -5.35	75.07 3.76 -8.56	92.31 3.66 -27.61	79.52 4.40 -9.47	74.19 3.98 -8.99	74.38 3.85 -9.37	73.64 3.85 -8.71	69.12 3.77 -4.51	68.88 3.70 -4.47	73.68 3.71 -9.17	74.49 4.25 -8.59	79.08 4.18 -13.48	104.83 6.03 -13.84	116.58 6.95 -11.80	99.23 5.89 -6.74	95.19 5.42 -6.36	86.03 4.55 -6.88	80.65 4.14 -7.51	81.84 3.88 -7.40
CH_MISC_IPPS 23765	68.84 3.32 -5.12	66.67 2.87 -5.29	66.05 2.84 -4.00	65.81 2.79 -3.61	67.34 2.89 -4.23	67.31 3.18 -5.23	75.14 4.02 -8.37	92.09 3.97 -27.09	79.57 4.66 -9.26	74.21 4.17 -8.82	74.39 4.04 -9.19	73.61 3.97 -8.55	69.21 3.95 -4.43	68.92 3.83 -4.39	73.70 3.89 -9.01	74.52 4.44 -8.43	79.01 4.36 -13.23	105.08 6.54 -13.58	116.81 7.43 -11.55	99.51 6.32 -6.59	95.46 5.84 -6.22	86.17 4.85 -6.73	80.83 4.48 -7.34	81.96 4.16 -7.24
CH_RES_BVR_FALLS 23983	59.25 -1.15 0.00	57.69 -0.82 0.00	58.50 -0.71 0.00	58.70 -0.71 0.00	59.50 -0.72 0.00	58.02 -0.88 0.00	61.37 -1.38 0.00	59.82 -1.22 0.00	63.88 -1.77 0.00	59.63 -1.59 0.00	59.52 -1.65 0.00	59.50 -1.59 0.00	59.37 -1.46 0.00	59.37 -1.34 0.00	59.34 -1.46 0.00	59.67 -1.98 0.00	59.76 -1.66 0.00	82.67 -2.29 0.00	95.48 -2.35 0.00	84.61 -1.99 0.00	81.82 -1.59 0.00	73.48 -1.12 0.00	68.18 -0.82 0.00	69.85 -0.71 0.00
CH_RES_NIAGARA 23895	54.48 -5.92 0.00	52.84 -5.68 0.00	52.82 -6.39 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.31 -6.37 -0.03	55.99 -6.73 -1.50	56.44 -6.30 -1.58	56.02 -6.60 -1.53	53.44 -8.15 -0.76	53.65 -7.77 -0.71	54.77 -7.30 -1.26	57.41 -5.73 -1.50	57.14 -6.69 -2.41	78.09 -9.35 -2.48	87.93 -10.47 -0.57	77.24 -9.35 0.00	74.65 -8.76 0.00	67.44 -7.16 0.00	62.31 -6.69 0.00	65.62 -4.94 0.00
CH_RES_SYRACUSE 23985	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.38 -0.37 0.00	63.22 -0.12 -2.31	65.80 0.13 -0.02	62.08 -0.18 -1.04	62.08 -0.18 -1.10	61.86 -0.30 -1.07	60.78 -0.61 -0.56	60.53 -0.73 -0.55	61.31 -0.61 -1.12	62.82 0.12 -1.06	63.09 0.00 -1.67	86.76 0.09 -1.72	98.33 0.10 -0.40	86.68 0.09 0.00	83.32 -0.08 0.00	74.45 -0.15 0.00	68.66 -0.34 0.00	70.42 -0.14 0.00
CLINTON_WT_PWR 323605	58.65 -1.75 0.00	57.05 -1.46 0.00	57.85 -1.36 0.00	57.98 -1.43 0.00	58.72 -1.50 0.00	57.19 -1.71 0.00	60.05 -2.70 0.00	58.66 -2.38 0.00	62.37 -3.28 0.00	58.35 -2.88 0.00	58.35 -2.81 0.00	58.34 -2.75 0.00	58.28 -2.55 0.00	58.40 -2.31 0.00	58.19 -2.61 0.00	58.07 -3.58 0.00	58.41 -3.01 0.00	80.71 -4.25 0.00	93.33 -4.50 0.00	82.87 -3.72 0.00	80.73 -2.67 0.00	72.88 -1.71 0.00	67.97 -1.03 0.00	69.99 -0.57 0.00
CLINTON___LFGE 323618	59.61 -0.79 0.00	57.99 -0.53 0.00	58.80 -0.41 0.00	58.93 -0.48 0.00	59.68 -0.54 0.00	58.13 -0.77 0.00	61.06 -1.69 0.00	59.69 -1.34 0.00	63.42 -2.23 0.00	59.26 -1.96 0.00	59.20 -1.96 0.00	59.19 -1.89 0.00	59.07 -1.77 0.00	59.19 -1.52 0.00	58.98 -1.82 0.00	58.93 -2.71 0.00	59.45 -1.97 0.00	82.07 -2.89 0.00	94.90 -2.93 0.00	84.34 -2.25 0.00	82.24 -1.17 0.00	74.30 -0.30 0.00	69.35 0.35 0.00	71.68 1.13 0.00
COBBLENY_34_KV_TB1 80064	56.29 -4.11 0.00	54.53 -3.98 0.00	54.47 -4.74 0.00	54.89 -4.52 0.00	55.82 -4.40 0.00	54.83 -4.06 0.00	59.42 -3.33 0.00	58.37 -5.13 -2.46	61.81 -3.87 -0.03	58.48 -4.41 -1.67	57.96 -4.95 -1.75	57.40 -5.38 -1.69	56.69 -4.99 -0.84	55.53 -5.95 -0.78	55.96 -6.20 -1.36	59.91 -3.39 -1.66	60.47 -3.62 -2.67	82.69 -5.01 -2.75	93.18 -5.28 -0.63	81.57 -5.02 0.00	78.82 -4.59 0.00	71.02 -3.58 0.00	65.63 -3.38 0.00	68.72 -1.83 0.00
COFFEEN___115KV_TB3 355620	62.03 1.63 0.00	59.98 1.46 0.00	60.51 1.30 0.00	60.83 1.43 0.00	61.79 1.57 0.00	60.78 1.88 0.00	65.45 2.70 0.00	65.90 3.60 -1.26	69.40 3.74 -0.01	63.99 2.76 -0.01	63.81 2.63 -0.01	63.69 2.38 -0.22	63.03 2.19 -0.01	62.71 1.94 -0.06	63.59 2.25 -0.55	64.85 2.96 -0.25	64.68 3.26 0.00	90.48 5.52 0.00	105.27 7.44 0.00	93.09 6.49 0.00	89.58 6.17 0.00	79.82 5.22 0.00	73.42 4.42 0.00	75.22 4.66 0.00
COLDSPRG_115KV_BK1 355956	59.08 -2.54 -1.22	57.20 -2.57 -1.26	56.79 -3.38 -0.95	57.12 -3.15 -0.86	58.22 -3.01 -1.01	57.56 -2.59 -1.25	63.24 -1.51 -2.00	61.57 -4.15 -4.69	65.88 -1.97 -2.20	60.52 -2.57 -1.87	59.20 -3.91 -1.95	58.51 -4.34 -1.75	59.22 -2.49 -0.88	56.97 -4.55 -0.82	57.05 -5.17 -1.42	61.89 -1.48 -1.72	63.04 -1.17 -2.79	85.95 -1.87 -2.86	99.07 -1.47 -2.70	86.48 -1.73 -1.62	83.42 -1.50 -1.51	75.26 -0.97 -1.63	69.84 -0.97 -1.80	72.67 0.35 -1.76
COLONIE_LFGE___ 323577	107.31 3.38 -43.53	106.62 3.10 -45.01	96.37 3.14 -34.02	93.23 3.15 -30.67	99.38 3.19 -35.97	106.65 3.24 -44.51	137.71 3.76 -71.20	159.39 3.60 -94.75	147.33 4.21 -77.48	99.29 3.80 -34.27	100.36 3.79 -35.41	88.16 3.79 -23.28	80.16 3.71 -15.61	78.06 3.58 -13.78	77.83 3.65 -13.38	87.56 4.07 -21.84	113.27 3.93 -47.92	139.68 5.52 -49.20	187.08 6.27 -82.98	150.68 5.55 -58.54	149.30 5.26 -60.63	136.37 4.55 -57.22	135.67 4.21 -62.46	136.31 4.16 -61.58
COOPERNY_115KV_TB1 80082	65.89 1.69 -3.79	63.84 1.40 -3.92	63.54 1.36 -2.97	63.45 1.37 -2.67	64.74 1.39 -3.14	64.37 1.59 -3.88	71.09 2.13 -6.21	83.52 2.08 -20.40	75.15 2.63 -6.87	70.14 2.27 -6.65	70.30 2.20 -6.93	69.69 2.14 -6.47	66.31 2.13 -3.35	66.03 2.00 -3.32	69.70 2.07 -6.83	70.49 2.47 -6.38	73.81 2.40 -9.99	98.78 3.57 -10.26	110.55 4.11 -8.61	95.04 3.55 -4.89	91.19 3.17 -4.61	82.20 2.61 -4.99	76.80 2.35 -5.44	78.11 2.19 -5.37
COPENHAGEN_WT_PWR 323753	61.31 0.91 0.00	59.33 0.82 0.00	59.86 0.65 0.00	60.18 0.77 0.00	61.12 0.90 0.00	60.08 1.18 0.00	64.57 1.82 0.00	65.15 2.81 -1.31	68.55 2.89 -0.01	63.32 2.08 -0.01	63.19 2.02 -0.01	63.09 1.77 -0.23	62.42 1.58 -0.01	62.17 1.40 -0.06	63.01 1.64 -0.56	64.18 2.28 -0.26	63.88 2.46 0.00	88.78 3.83 0.00	103.11 5.28 0.00	91.35 4.76 0.00	87.91 4.50 0.00	78.40 3.80 0.00	72.18 3.18 0.00	74.23 3.67 0.00
CORNELL_____ 23752	62.60 0.54 -1.66	60.58 0.35 -1.72	60.75 0.24 -1.30	60.88 0.30 -1.17	61.95 0.36 -1.37	61.36 0.77 -1.70	66.91 1.44 -2.71	69.82 1.16 -7.62	70.28 1.64 -2.99	64.70 1.04 -2.43	64.49 0.80 -2.53	63.81 0.49 -2.23	62.48 0.43 -1.22	61.98 0.06 -1.21	64.93 0.30 -3.83	65.25 1.42 -2.19	66.64 1.60 -3.62	91.30 2.63 -3.72	104.65 3.23 -3.59	91.59 2.86 -2.14	87.93 2.50 -2.02	78.94 2.16 -2.18	73.04 1.66 -2.38	74.81 1.91 -2.35

CORONA__69_KV_TB1 355595	86.77 4.05 -22.33	76.47 3.63 -14.32	69.72 3.61 -6.90	66.34 3.45 -3.48	69.72 3.55 -5.95	72.13 3.83 -9.40	118.17 4.71 -50.71	141.50 4.58 -75.89	141.64 5.58 -70.41	121.26 5.14 -54.90	113.16 5.08 -46.92	94.58 5.07 -28.42	71.01 5.05 -5.13	70.95 4.92 -5.33	91.90 4.99 -26.12	99.30 5.55 -32.11	121.39 5.28 -54.68	160.43 7.56 -67.92	163.38 8.90 -56.64	137.68 7.53 -43.55	132.79 7.01 -42.38	124.76 5.89 -44.27	114.49 5.38 -40.10	114.77 5.01 -39.20
CORTLAND__115KV_TB3 80093	61.83 0.18 -1.25	59.80 0.00 -1.29	60.07 -0.12 -0.97	60.23 -0.06 -0.88	61.25 0.00 -1.03	60.53 0.35 -1.27	65.67 0.88 -2.04	67.51 0.61 -5.86	69.01 1.12 -2.25	63.73 0.61 -1.89	63.56 0.43 -1.97	63.10 0.24 -1.77	61.96 0.18 -0.95	61.52 -0.12 -0.93	63.03 0.00 -2.23	64.31 0.92 -1.74	65.22 0.98 -2.82	89.55 1.70 -2.89	102.61 2.05 -2.72	89.94 1.73 -1.61	86.43 1.50 -1.52	77.43 1.19 -1.64	71.69 0.90 -1.79	73.38 1.06 -1.77
COXSACKIE__GT 23611	83.44 4.23 -18.82	81.83 3.86 -19.45	77.95 4.03 -14.71	76.71 4.04 -13.26	79.92 4.15 -15.55	82.38 4.24 -19.24	98.29 4.77 -30.78	118.46 4.70 -52.72	104.24 4.99 -33.61	83.65 4.10 -18.33	83.95 3.79 -18.99	79.15 3.73 -14.34	73.07 3.59 -8.65	72.16 3.46 -7.99	75.83 3.77 -11.26	79.71 4.31 -13.76	92.37 4.67 -26.28	119.08 7.14 -26.99	143.04 8.02 -37.19	114.89 6.76 -21.53	103.94 6.26 -14.27	104.71 5.37 -24.73	101.11 5.11 -27.00	102.54 5.36 -26.62
CPV__VALLEY__CC1 323721	66.46 1.81 -4.25	64.37 1.46 -4.39	64.01 1.48 -3.32	63.83 1.42 -2.99	65.17 1.44 -3.51	64.95 1.71 -4.35	72.02 2.32 -6.95	86.51 2.26 -23.21	76.24 2.89 -7.70	71.34 2.57 -7.55	71.48 2.45 -7.87	70.90 2.45 -7.37	67.00 2.37 -3.80	66.79 2.31 -3.78	70.98 2.37 -7.81	71.69 2.78 -7.27	75.46 2.70 -11.34	100.51 3.91 -11.65	112.01 4.50 -9.68	95.88 3.81 -5.48	91.99 3.42 -5.17	83.02 2.83 -5.59	77.58 2.48 -6.10	78.76 2.19 -6.01
CPV__VALLEY__CC2 323722	66.46 1.81 -4.25	64.37 1.46 -4.39	64.01 1.48 -3.32	63.83 1.42 -2.99	65.17 1.44 -3.51	64.95 1.71 -4.35	72.02 2.32 -6.95	86.51 2.26 -23.21	76.24 2.89 -7.70	71.34 2.57 -7.55	71.48 2.45 -7.87	70.90 2.45 -7.37	67.00 2.37 -3.80	66.79 2.31 -3.78	70.98 2.37 -7.81	71.69 2.78 -7.27	75.46 2.70 -11.34	100.51 3.91 -11.65	112.01 4.50 -9.68	95.88 3.81 -5.48	91.99 3.42 -5.17	83.02 2.83 -5.59	77.58 2.48 -6.10	78.76 2.19 -6.01
CRESCENT__HYD 24018	107.31 3.38 -43.53	106.62 3.10 -45.01	96.37 3.14 -34.02	93.23 3.15 -30.67	99.38 3.19 -35.97	106.65 3.24 -44.51	137.71 3.76 -71.20	159.39 3.60 -94.75	147.33 4.21 -77.48	99.29 3.80 -34.27	100.36 3.79 -35.41	88.16 3.71 -23.28	80.16 3.71 -15.61	78.06 3.58 -13.78	77.83 3.65 -13.38	87.56 4.07 -21.84	113.27 3.93 -47.92	139.68 5.52 -49.20	187.08 6.27 -82.98	150.68 5.55 -58.54	149.30 5.26 -60.63	136.37 4.55 -57.22	135.67 4.21 -62.46	136.31 4.16 -61.58
CRICKET__VALLEY_CC1 323756	69.25 2.84 -6.01	67.18 2.46 -6.21	66.39 2.49 -4.70	66.08 2.44 -4.23	67.66 2.47 -4.97	67.70 2.65 -6.15	75.97 3.39 -9.83	93.78 3.23 -29.51	80.45 3.94 -10.86	74.50 3.61 -9.66	74.83 3.61 -10.06	73.83 3.54 -9.20	69.18 3.53 -4.82	68.92 3.46 -4.75	73.83 3.53 -9.50	74.65 3.95 -9.05	79.66 3.81 -14.43	105.13 5.36 -14.82	117.11 5.97 -13.30	99.92 5.28 -8.04	96.56 4.92 -8.23	86.60 4.10 -7.90	81.35 3.72 -8.62	82.45 3.39 -8.50
CRICKET__VALLEY_CC2 323757	69.25 2.84 -6.01	67.18 2.46 -6.21	66.39 2.49 -4.70	66.08 2.44 -4.23	67.66 2.47 -4.97	67.70 2.65 -6.15	75.97 3.39 -9.83	93.78 3.23 -29.51	80.45 3.94 -10.86	74.50 3.61 -9.66	74.83 3.61 -10.06	73.83 3.54 -9.20	69.18 3.53 -4.82	68.92 3.46 -4.75	73.83 3.53 -9.50	74.65 3.95 -9.05	79.66 3.81 -14.43	105.13 5.36 -14.82	117.11 5.97 -13.30	99.92 5.28 -8.04	96.56 4.92 -8.23	86.60 4.10 -7.90	81.35 3.72 -8.62	82.45 3.39 -8.50
CRICKET__VALLEY_CC3 323758	69.25 2.84 -6.01	67.18 2.46 -6.21	66.39 2.49 -4.70	66.08 2.44 -4.23	67.66 2.47 -4.97	67.70 2.65 -6.15	75.97 3.39 -9.83	93.78 3.23 -29.51	80.45 3.94 -10.86	74.50 3.61 -9.66	74.83 3.61 -10.06	73.83 3.54 -9.20	69.18 3.53 -4.82	68.92 3.46 -4.75	73.83 3.53 -9.50	74.65 3.95 -9.05	79.66 3.81 -14.43	105.13 5.36 -14.82	117.11 5.97 -13.30	99.92 5.28 -8.04	96.56 4.92 -8.23	86.60 4.10 -7.90	81.35 3.72 -8.62	82.45 3.39 -8.50
CRUCIBLE__METL_DRP 24180	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.37 -0.38 0.00	63.22 -0.12 -2.31	65.80 0.13 -0.02	62.02 -0.24 -1.04	62.08 -0.18 -1.10	61.85 -0.31 -1.07	60.78 -0.61 -0.56	60.53 -0.73 -0.55	61.31 -0.61 -1.12	62.76 0.06 -1.06	63.09 0.00 -1.67	86.93 0.25 -1.72	98.52 0.29 -0.40	86.85 0.26 0.00	83.49 0.08 0.00	74.52 -0.07 0.00	68.73 -0.28 0.00	70.42 -0.14 0.00
DAHOWA__HYDRO 323763	116.59 4.77 -51.42	116.18 4.51 -53.16	103.96 4.56 -40.19	100.15 4.51 -36.23	107.34 4.64 -42.49	116.12 4.65 -52.57	152.11 5.27 -84.09	174.13 5.01 -108.09	162.84 5.71 -91.48	105.60 5.08 -39.30	106.64 4.89 -40.58	92.00 4.82 -26.08	83.39 4.75 -17.81	80.91 4.61 -15.60	79.50 4.68 -14.01	91.32 5.30 -24.38	121.43 5.28 -54.73	148.71 7.56 -56.19	204.21 8.81 -97.57	162.36 7.80 -67.97	158.72 7.42 -67.89	148.75 6.57 -67.59	148.85 6.07 -73.77	149.43 6.14 -72.74
DANC__LFGE 323619	60.34 -0.06 0.00	58.34 -0.18 0.00	58.92 -0.29 0.00	59.17 -0.24 0.00	60.10 -0.12 0.00	59.02 0.12 0.00	63.31 0.56 0.00	64.29 1.71 -1.55	67.57 1.91 -0.02	62.53 1.29 -0.02	62.47 1.29 -0.02	62.39 1.04 -0.27	61.64 0.79 -0.01	61.45 0.67 -0.07	62.32 0.85 -0.67	63.55 1.60 -0.30	62.96 1.54 0.00	87.25 2.29 0.00	101.06 3.22 0.00	89.45 2.85 0.00	86.07 2.67 0.00	76.91 2.32 0.00	70.80 1.79 0.00	72.88 2.32 0.00
DANSKAMMER__1 23586	68.84 3.32 -5.12	66.67 2.87 -5.29	66.05 2.84 -4.00	65.81 2.79 -3.61	67.34 2.89 -4.23	67.31 3.18 -5.23	75.14 4.02 -8.37	92.09 3.97 -27.09	79.57 4.66 -9.26	74.21 4.17 -8.82	74.39 4.04 -9.19	73.61 3.97 -8.55	69.21 3.95 -4.43	68.92 3.83 -4.39	73.70 3.89 -9.01	74.52 4.44 -8.43	79.01 4.36 -13.23	105.08 6.54 -13.58	116.81 7.43 -11.55	99.51 6.32 -6.59	95.46 5.84 -6.22	86.17 4.85 -6.73	80.83 4.48 -7.34	81.96 4.16 -7.24
DANSKAMMER__2 23589	68.84 3.32 -5.12	66.67 2.87 -5.29	66.05 2.84 -4.00	65.81 2.79 -3.61	67.34 2.89 -4.23	67.31 3.18 -5.23	75.14 4.02 -8.37	92.09 3.97 -27.09	79.57 4.66 -9.26	74.21 4.17 -8.82	74.39 4.04 -9.19	73.61 3.97 -8.55	69.21 3.95 -4.43	68.92 3.83 -4.39	73.70 3.89 -9.01	74.52 4.44 -8.43	79.01 4.36 -13.23	105.08 6.54 -13.58	116.81 7.43 -11.55	99.51 6.32 -6.59	95.46 5.84 -6.22	86.17 4.85 -6.73	80.83 4.48 -7.34	81.96 4.16 -7.24
DANSKAMMER__3 23590	68.84 3.32 -5.12	66.67 2.87 -5.29	66.05 2.84 -4.00	65.81 2.79 -3.61	67.34 2.89 -4.23	67.31 3.18 -5.23	75.14 4.02 -8.37	92.09 3.97 -27.09	79.57 4.66 -9.26	74.21 4.17 -8.82	74.39 4.04 -9.19	73.61 3.97 -8.55	69.21 3.95 -4.43	68.92 3.83 -4.39	73.70 3.89 -9.01	74.52 4.44 -8.43	79.01 4.36 -13.23	105.08 6.54 -13.58	116.81 7.43 -11.55	99.51 6.32 -6.59	95.46 5.84 -6.22	86.17 4.85 -6.73	80.83 4.48 -7.34	81.96 4.16 -7.24

DANSKAMMER___4 23591	68.84 3.32 -5.12	66.67 2.87 -5.29	66.05 2.84 -4.00	65.81 2.79 -3.61	67.34 2.89 -4.23	67.31 3.18 -5.23	75.14 4.02 -8.37	92.09 3.97 -27.09	79.57 4.66 -9.26	74.21 4.17 -8.82	74.39 4.04 -9.19	73.61 3.97 -8.55	69.21 3.95 -4.43	68.92 3.83 -4.39	73.70 3.89 -9.01	74.52 4.44 -8.43	79.01 4.36 -13.23	105.08 6.54 -13.58	116.81 7.43 -11.55	99.51 6.32 -6.59	95.46 5.84 -6.22	86.17 4.85 -6.73	80.83 4.48 -7.34	81.96 4.16 -7.24
DANSKAMMER___DIESEL 23592	68.84 3.32 -5.12	66.67 2.87 -5.29	66.05 2.84 -4.00	65.81 2.79 -3.61	67.34 2.89 -4.23	67.31 3.18 -5.23	75.13 4.02 -8.37	92.10 3.97 -27.09	79.57 4.66 -9.26	74.27 4.22 -8.82	74.39 4.04 -9.19	73.61 3.97 -8.55	69.21 3.95 -4.43	68.92 3.82 -4.39	73.70 3.89 -9.01	74.52 4.44 -8.43	79.01 4.36 -13.23	105.00 6.46 -13.58	116.82 7.44 -11.55	99.51 6.32 -6.59	95.47 5.84 -6.22	86.17 4.85 -6.73	80.83 4.49 -7.34	81.96 4.16 -7.24
DARBY___SOLAR 323810	115.25 4.41 -50.44	114.82 4.15 -52.15	102.84 4.20 -39.42	99.11 4.16 -35.54	106.18 4.28 -41.68	114.77 4.30 -51.58	150.08 4.83 -82.50	172.11 4.64 -106.43	160.65 5.25 -89.75	104.55 4.65 -38.68	105.63 4.53 -39.94	91.28 4.46 -25.74	82.75 4.38 -17.53	80.32 4.25 -15.37	79.05 4.32 -13.93	90.64 4.93 -24.06	120.22 4.92 -53.89	147.33 7.05 -55.33	201.82 8.22 -95.77	160.58 7.18 -66.80	157.33 6.92 -67.00	147.02 6.12 -66.31	146.96 5.59 -72.37	147.57 5.65 -71.36
DASHVILLE___HYD 23610	70.36 2.05 -7.91	68.33 1.64 -8.18	67.05 1.66 -6.18	66.59 1.60 -5.57	68.44 1.69 -6.53	68.93 1.94 -8.09	78.44 2.76 -12.93	96.00 2.75 -32.22	83.22 3.35 -14.22	74.83 2.88 -10.73	75.07 2.75 -11.16	73.41 2.63 -9.69	68.72 2.62 -5.27	68.30 2.49 -5.11	72.84 2.61 -9.42	74.21 3.08 -9.48	80.40 3.13 -15.84	105.98 4.76 -16.27	120.07 5.48 -16.76	100.82 4.59 -9.63	95.34 4.09 -7.85	88.35 3.36 -10.40	83.39 3.04 -11.35	84.43 2.68 -11.19
DEERFIELD_69_KV_DEERFIELD LD 355887	88.10 5.38 -22.33	77.75 4.92 -14.32	70.96 4.86 -6.90	67.53 4.63 -3.48	71.11 4.94 -5.95	73.36 5.07 -9.40	119.86 6.40 -50.71	143.40 6.47 -75.89	143.88 7.81 -70.41	122.92 6.80 -54.90	114.26 6.18 -46.92	95.44 5.93 -28.42	71.86 5.90 -5.13	71.80 5.77 -5.33	92.75 5.84 -26.12	99.98 6.23 -32.11	122.25 6.14 -54.68	162.47 9.60 -67.92	164.75 10.27 -56.64	138.71 8.57 -43.55	133.54 7.76 -42.38	125.65 6.79 -44.27	115.39 6.28 -40.10	116.46 6.70 -39.20
DELAWARE___LFGE 323621	69.54 1.75 -7.39	67.67 1.52 -7.64	66.58 1.60 -5.77	66.16 1.54 -5.20	67.95 1.63 -6.10	68.22 1.77 -7.55	77.21 2.38 -12.08	83.59 2.20 -20.36	81.60 2.76 -13.19	71.37 2.27 -7.89	71.49 2.14 -8.18	69.07 1.95 -6.03	66.66 2.07 -3.76	65.95 1.82 -3.42	67.04 1.88 -4.36	69.86 2.47 -5.75	75.39 2.52 -11.46	100.63 3.91 -11.76	117.30 4.60 -14.87	100.10 3.98 -9.52	96.06 3.67 -8.98	87.44 3.13 -9.71	82.36 2.76 -10.60	83.83 2.82 -10.45
DERFIELD_115KV_TB7 355931	60.94 0.54 0.00	58.98 0.47 0.00	59.68 0.47 0.00	59.88 0.48 0.00	60.70 0.48 0.00	59.43 0.53 0.00	63.50 0.75 0.00	61.71 0.67 0.00	66.50 0.85 0.00	61.96 0.73 0.00	61.84 0.67 0.00	61.76 0.67 0.00	61.50 0.67 0.00	61.31 0.61 0.00	61.41 0.61 0.00	62.38 0.74 0.00	62.16 0.74 0.00	86.06 1.10 0.00	99.10 1.27 0.00	87.72 1.13 0.00	84.41 1.00 0.00	75.49 0.90 0.00	69.77 0.76 0.00	71.33 0.78 0.00
DOGLEVILLE___HYD 23807	61.36 0.96 0.00	59.39 0.88 0.00	60.16 0.94 0.00	60.36 0.95 0.00	61.30 1.09 0.00	60.01 1.12 0.00	64.13 1.38 0.00	62.32 1.28 0.00	67.16 1.51 0.00	62.51 1.29 0.00	62.32 1.16 0.00	62.25 1.16 0.00	61.98 1.15 0.00	61.56 0.85 0.00	61.65 0.85 0.00	62.69 1.05 0.00	62.58 1.16 0.00	86.82 1.87 0.00	100.28 2.45 0.00	89.02 2.42 0.00	85.91 2.50 0.00	76.98 2.39 0.00	71.63 2.62 0.00	73.45 2.89 0.00
DUNKIRK___115KV_TB_200 55889	56.11 -4.29 0.00	54.36 -4.15 0.00	54.24 -4.97 0.00	54.66 -4.75 0.00	55.64 -4.58 0.00	54.72 -4.18 0.00	59.42 -3.33 0.00	58.51 -4.82 -2.29	61.94 -3.74 -0.03	58.51 -4.35 -1.64	58.17 -4.71 -1.72	57.74 -5.01 -1.66	56.60 -5.05 -0.82	55.81 -5.65 -0.75	56.55 -5.59 -1.34	60.38 -2.90 -1.63	60.97 -3.07 -2.63	83.49 -4.16 -2.70	94.54 -3.91 -0.62	82.79 -3.81 0.00	79.90 -3.50 0.00	71.84 -2.76 0.00	66.32 -2.69 0.00	69.29 -1.27 0.00
DUNKIRK___1 23563	56.11 -4.29 0.00	54.36 -4.15 0.00	54.24 -4.97 0.00	54.66 -4.75 0.00	55.64 -4.58 0.00	54.72 -4.18 0.00	59.42 -3.33 0.00	58.51 -4.82 -2.29	61.94 -3.74 -0.03	58.51 -4.35 -1.64	58.17 -4.71 -1.72	57.74 -5.01 -1.66	56.60 -5.05 -0.82	55.81 -5.65 -0.75	56.55 -5.59 -1.34	60.38 -2.90 -1.63	60.97 -3.07 -2.63	83.49 -4.16 -2.70	94.54 -3.91 -0.62	82.79 -3.81 0.00	79.90 -3.50 0.00	71.84 -2.76 0.00	66.32 -2.69 0.00	69.29 -1.27 0.00
DUNKIRK___2 23564	56.11 -4.29 0.00	54.36 -4.15 0.00	54.24 -4.97 0.00	54.66 -4.75 0.00	55.64 -4.58 0.00	54.72 -4.18 0.00	59.42 -3.33 0.00	58.51 -4.82 -2.29	61.94 -3.74 -0.03	58.51 -4.35 -1.64	58.17 -4.71 -1.72	57.74 -5.01 -1.66	56.60 -5.05 -0.82	55.81 -5.65 -0.75	56.55 -5.59 -1.34	60.38 -2.90 -1.63	60.97 -3.07 -2.63	83.49 -4.16 -2.70	94.54 -3.91 -0.62	82.79 -3.81 0.00	79.90 -3.50 0.00	71.84 -2.76 0.00	66.32 -2.69 0.00	69.29 -1.27 0.00
DUNKIRK___3 23565	55.99 -4.41 0.00	54.24 -4.27 0.00	54.18 -5.03 0.00	54.60 -4.81 0.00	55.52 -4.70 0.00	54.60 -4.30 0.00	59.24 -3.51 0.00	58.13 -5.13 -2.22	61.68 -4.00 -0.03	58.31 -4.53 -1.62	57.91 -4.95 -1.70	57.41 -5.31 -1.64	56.41 -5.23 -0.81	55.55 -5.89 -0.74	56.29 -5.84 -1.33	60.05 -3.21 -1.61	60.58 -3.44 -2.60	82.95 -4.67 -2.67	93.75 -4.70 -0.61	82.18 -4.42 0.00	79.32 -4.09 0.00	71.39 -3.21 0.00	65.90 -3.11 0.00	68.87 -1.69 0.00
DUNKIRK___4 23566	55.99 -4.41 0.00	54.24 -4.27 0.00	54.18 -5.03 0.00	54.60 -4.81 0.00	55.52 -4.70 0.00	54.60 -4.30 0.00	59.24 -3.51 0.00	58.13 -5.13 -2.22	61.68 -4.00 -0.03	58.31 -4.53 -1.62	57.91 -4.95 -1.70	57.41 -5.31 -1.64	56.41 -5.23 -0.81	55.55 -5.89 -0.74	56.29 -5.84 -1.33	60.05 -3.21 -1.61	60.58 -3.44 -2.60	82.95 -4.67 -2.67	93.75 -4.70 -0.61	82.18 -4.42 0.00	79.32 -4.09 0.00	71.39 -3.21 0.00	65.90 -3.11 0.00	68.87 -1.69 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	68.48 3.14 -4.94	66.32 2.69 -5.11	65.74 2.66 -3.86	65.45 2.55 -3.48	66.95 2.65 -4.08	66.84 2.89 -5.05	74.60 3.76 -8.09	91.63 3.78 -26.81	79.27 4.66 -8.96	74.22 4.29 -8.71	74.46 4.22 -9.08	73.73 4.15 -8.49	69.35 4.14 -4.38	69.13 4.07 -4.35	73.87 4.07 -9.00	74.65 4.62 -8.38	78.93 4.42 -13.09	104.68 6.29 -13.44	116.30 7.24 -11.23	99.26 6.15 -6.51	95.53 5.67 -6.46	85.79 4.70 -6.50	80.31 4.21 -7.09	81.36 3.81 -6.99
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	68.08 2.72 -4.96	65.98 2.34 -5.13	65.39 2.31 -3.87	65.16 2.26 -3.49	66.66 2.35 -4.10	66.56 2.59 -5.07	74.25 3.39 -8.11	90.59 3.30 -26.26	78.63 4.00 -8.97	73.33 3.55 -8.55	73.50 3.43 -8.91	72.74 3.36 -8.29	68.47 3.35 -4.29	68.18 3.22 -4.26	72.82 3.28 -8.73	73.64 3.82 -8.18	77.99 3.75 -12.83	103.65 5.52 -13.17	115.38 6.36 -11.19	98.35 5.37 -6.39	94.35 4.92 -6.03	85.22 4.10 -6.52	79.84 3.73 -7.11	80.96 3.39 -7.01

E179THST_138_KV_TB4_REV_LBMP_J 345001	68.73 3.38 -4.94	66.38 2.75 -5.11	65.74 2.66 -3.86	65.39 2.50 -3.48	66.83 2.53 -4.09	66.66 2.71 -5.06	74.47 3.64 -8.09	91.57 3.72 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.71 4.46 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.17 4.67 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.52 6.41 -6.51	95.62 5.76 -6.46	86.02 4.92 -6.50	80.65 4.55 -7.09	81.79 4.23 -6.99
E179THST_13_KV_LOAD 356214	69.03 3.68 -4.94	66.61 2.98 -5.11	65.92 2.84 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.88 4.03 -26.81	79.79 5.19 -8.96	74.77 4.84 -8.71	75.01 4.77 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.67 4.61 -4.35	74.42 4.62 -9.00	75.20 5.18 -8.38	79.48 4.98 -13.09	105.36 6.97 -13.44	117.18 8.12 -11.23	99.95 6.84 -6.51	96.12 6.26 -6.46	86.39 5.30 -6.50	81.00 4.90 -7.09	82.14 4.59 -6.99
EAST HAMPTON___GT 23717	87.62 4.89 -22.33	77.28 4.44 -14.32	70.49 4.38 -6.90	66.99 4.10 -3.48	70.56 4.39 -5.95	72.89 4.60 -9.40	119.36 5.90 -50.71	143.03 6.10 -75.89	143.61 7.55 -70.41	122.68 6.55 -54.90	113.65 5.57 -46.92	94.82 5.31 -28.42	71.19 5.23 -5.13	71.14 5.10 -5.33	92.15 5.23 -26.12	99.42 5.67 -32.11	121.75 5.65 -54.68	161.97 9.09 -67.92	163.77 9.30 -56.64	137.76 7.62 -43.55	132.63 6.84 -42.38	124.76 5.89 -44.27	114.63 5.52 -40.10	116.25 6.49 -39.20
EAST RIVER___6 23660	68.36 3.02 -4.94	66.14 2.51 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.72 2.41 -4.08	66.66 2.71 -5.05	74.54 3.70 -8.09	91.63 3.79 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.41 -9.08	73.98 4.40 -8.49	69.60 4.38 -4.38	69.37 4.31 -4.35	74.48 4.68 -9.00	75.20 5.18 -8.38	79.17 4.67 -13.08	105.02 6.63 -13.44	116.49 7.43 -11.23	99.42 6.32 -6.51	95.61 5.75 -6.46	85.87 4.78 -6.50	80.38 4.28 -7.09	81.36 3.81 -6.99
EAST RIVER___7 23524	68.36 3.02 -4.94	66.14 2.51 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.72 2.41 -4.08	66.66 2.71 -5.05	74.54 3.70 -8.09	91.63 3.79 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.41 -9.08	73.98 4.40 -8.49	69.60 4.38 -4.38	69.37 4.31 -4.35	74.48 4.68 -9.00	75.20 5.18 -8.38	79.17 4.67 -13.08	105.02 6.63 -13.44	116.49 7.43 -11.23	99.42 6.32 -6.51	95.61 5.75 -6.46	85.87 4.78 -6.50	80.38 4.28 -7.09	81.36 3.81 -6.99
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	68.35 3.02 -4.93	66.19 2.57 -5.10	65.61 2.55 -3.85	65.32 2.44 -3.47	66.82 2.53 -4.07	66.77 2.83 -5.04	74.45 3.64 -8.06	91.38 3.60 -26.74	79.05 4.46 -8.93	74.01 4.10 -8.69	74.19 3.98 -9.05	73.53 3.97 -8.47	69.16 3.95 -4.37	68.87 3.82 -4.34	73.67 3.89 -8.98	74.38 4.38 -8.36	78.71 4.24 -13.05	104.39 6.03 -13.40	115.98 6.95 -11.20	98.98 5.89 -6.49	95.18 5.34 -6.44	85.55 4.48 -6.48	80.08 4.00 -7.07	81.20 3.67 -6.98
EAST_HAMPTON___DIESEL 23722	87.50 4.77 -22.33	77.17 4.33 -14.32	70.37 4.27 -6.90	66.87 3.98 -3.48	70.45 4.28 -5.95	72.77 4.47 -9.40	119.23 5.77 -50.71	142.91 5.99 -75.89	143.55 7.48 -70.41	122.55 6.43 -54.90	113.52 5.44 -46.92	94.70 5.19 -28.42	71.07 5.11 -5.13	71.01 4.98 -5.33	92.02 5.11 -26.12	99.24 5.48 -32.11	121.57 5.46 -54.68	161.79 8.92 -67.92	163.47 8.99 -56.64	137.50 7.36 -43.55	132.37 6.59 -42.38	124.53 5.67 -44.27	114.42 5.31 -40.10	116.18 6.42 -39.20
EAST_POINT___SOLAR 323840	117.42 5.13 -51.89	117.01 4.85 -53.65	104.62 4.86 -40.56	100.73 4.75 -36.56	108.16 5.06 -42.88	117.08 5.12 -53.06	153.58 5.96 -84.87	177.88 5.74 -111.11	164.02 6.04 -92.34	105.26 4.84 -39.20	105.98 4.34 -40.47	90.62 3.17 -26.36	82.89 4.32 -17.74	80.40 4.07 -15.63	79.90 4.14 -14.97	91.17 4.81 -24.71	121.27 5.41 -54.45	149.19 8.33 -55.91	206.19 10.08 -98.28	163.28 8.92 -67.76	157.88 8.59 -65.88	150.49 7.69 -68.21	150.35 6.90 -74.45	150.95 6.99 -73.41
EAST_PULASKI___ESR 323781	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.07 -0.82 0.00	62.25 -0.50 0.00	63.94 1.10 -1.80	67.05 1.38 -0.02	62.16 0.92 -0.02	62.16 0.98 -0.02	62.19 0.79 -0.31	61.28 0.43 -0.02	61.10 0.31 -0.09	62.06 0.48 -0.78	63.29 1.30 -0.35	62.53 1.11 0.00	86.14 1.19 0.00	99.49 1.66 0.00	88.07 1.47 0.00	84.66 1.25 0.00	75.72 1.12 0.00	69.77 0.76 0.00	72.04 1.48 0.00
EAST_RIVER___1 323558	68.54 3.20 -4.94	66.38 2.75 -5.11	65.74 2.67 -3.86	65.45 2.55 -3.48	66.95 2.65 -4.08	66.90 2.94 -5.05	74.73 3.89 -8.09	91.76 3.91 -26.81	79.53 4.93 -8.96	74.53 4.59 -8.71	74.70 4.46 -9.08	74.04 4.46 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.17 4.67 -13.08	105.02 6.63 -13.44	116.70 7.64 -11.23	99.51 6.41 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.52 4.42 -7.09	81.50 3.95 -6.99
EAST_RIVER___2 323559	68.36 3.02 -4.94	66.14 2.51 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.72 2.41 -4.08	66.66 2.71 -5.05	74.54 3.70 -8.09	91.63 3.79 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.41 -9.08	73.98 4.40 -8.49	69.60 4.38 -4.38	69.37 4.31 -4.35	74.48 4.68 -9.00	75.20 5.18 -8.38	79.17 4.67 -13.08	105.02 6.63 -13.44	116.49 7.43 -11.23	99.42 6.32 -6.51	95.61 5.75 -6.46	85.87 4.78 -6.50	80.38 4.28 -7.09	81.36 3.81 -6.99
EAST___DELAWARE_HYD 23607	68.66 2.96 -5.30	66.51 2.51 -5.48	65.84 2.49 -4.14	65.58 2.44 -3.73	67.13 2.53 -4.38	67.26 2.94 -5.42	75.24 3.83 -8.67	90.60 3.79 -25.78	79.55 4.33 -9.57	73.41 3.74 -8.46	73.39 3.42 -8.80	72.47 3.36 -8.03	68.33 3.28 -4.22	68.02 3.15 -4.15	72.29 3.22 -8.27	73.43 3.89 -7.90	78.04 3.99 -12.63	104.21 6.29 -12.96	116.78 7.24 -11.71	99.48 6.06 -6.83	95.44 5.59 -6.44	86.19 4.63 -6.96	80.89 4.28 -7.60	82.00 3.95 -7.49
EIGHT_POINT___WT_PWR 323820	57.02 -4.83 -1.46	55.28 -4.74 -1.50	54.96 -5.39 -1.14	55.15 -5.29 -1.03	56.30 -5.12 -1.20	55.91 -4.48 -1.49	61.56 -3.57 -2.38	67.17 -4.82 -10.96	64.14 -4.13 -2.62	58.54 -4.90 -2.22	58.21 -5.26 -2.31	57.41 -5.74 -2.07	57.33 -4.81 -1.31	56.97 -5.22 -1.48	57.72 -4.32 -1.24	62.19 -1.48 -2.03	63.80 -0.92 -3.30	87.66 -0.68 -3.39	100.85 -0.10 -3.12	88.69 0.26 -1.83	85.38 0.25 -1.73	76.84 0.37 -1.87	71.11 0.07 -2.04	73.35 0.78 -2.01
ELBRIDGE_115KV_TB2 80188	59.07 -1.33 0.00	57.11 -1.40 0.00	57.67 -1.54 0.00	57.92 -1.49 0.00	58.77 -1.45 0.00	57.78 -1.12 0.00	62.00 -0.75 0.00	62.65 -0.79 -2.41	65.08 -0.59 -0.02	61.46 -0.86 -1.10	61.46 -0.86 -1.15	61.23 -0.98 -1.12	60.14 -1.28 -0.59	59.89 -1.40 -0.58	60.69 -1.28 -1.17	62.20 -0.55 -1.11	62.57 -0.61 -1.76	86.08 -0.68 -1.81	97.37 -0.88 -0.42	85.82 -0.78 0.00	82.49 -0.92 0.00	73.70 -0.90 0.00	68.04 -0.97 0.00	69.71 -0.85 0.00
ELEC_TRO_TEK 24086	86.59 3.87 -22.33	76.29 3.45 -14.32	69.48 3.38 -6.90	66.16 3.27 -3.48	69.54 3.37 -5.95	71.95 3.65 -9.40	118.04 4.58 -50.71	141.38 4.46 -75.89	141.51 5.45 -70.41	121.14 5.02 -54.90	112.97 4.89 -46.92	94.40 4.89 -28.42	70.83 4.87 -5.13	70.77 4.74 -5.33	91.72 4.80 -26.12	99.12 5.36 -32.11	121.26 5.16 -54.68	160.18 7.31 -67.92	162.89 8.41 -56.64	137.33 7.19 -43.55	132.46 6.67 -42.38	124.46 5.59 -44.27	114.22 5.11 -40.10	114.49 4.73 -39.20

ELLENBURG_WT_PWR 323604	58.65 -1.75 0.00	57.05 -1.46 0.00	57.85 -1.36 0.00	57.98 -1.43 0.00	58.72 -1.50 0.00	57.19 -1.71 0.00	60.05 -2.70 0.00	58.66 -2.38 0.00	62.37 -3.28 0.00	58.35 -2.88 0.00	58.35 -2.81 0.00	58.34 -2.75 0.00	58.28 -2.55 0.00	58.40 -2.31 0.00	58.19 -2.61 0.00	58.07 -3.58 0.00	58.41 -3.01 0.00	80.71 -4.25 0.00	93.33 -4.50 0.00	82.87 -3.72 0.00	80.73 -2.67 0.00	72.88 -1.71 0.00	67.97 -1.03 0.00	69.99 -0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	55.63 -4.77 0.00	53.89 -4.62 0.00	53.82 -5.39 0.00	54.24 -5.17 0.00	55.16 -5.06 0.00	54.19 -4.71 0.00	58.67 -4.08 0.00	57.73 -5.49 -2.19	61.02 -4.66 -0.03	57.66 -5.14 -1.58	57.50 -5.32 -1.66	57.01 -5.68 -1.60	55.60 -6.02 -0.79	54.99 -6.43 -0.72	55.78 -6.32 -1.30	59.21 -4.01 -1.57	59.47 -4.48 -2.54	81.36 -6.20 -2.60	91.68 -6.75 -0.60	80.45 -6.15 0.00	77.65 -5.76 0.00	70.05 -4.55 0.00	64.73 -4.28 0.00	67.81 -2.75 0.00
EMPIRE_CC_1 323656	76.94 2.65 -13.89	75.27 2.40 -14.36	72.55 2.49 -10.85	71.69 2.49 -9.78	74.16 2.47 -11.47	75.63 2.53 -14.20	88.47 3.01 -22.71	108.69 2.81 -44.85	93.92 3.41 -24.86	79.71 3.18 -15.31	80.23 3.18 -15.88	77.01 3.17 -12.74	71.28 3.10 -7.35	70.67 3.03 -6.93	74.92 3.04 -11.08	77.37 3.39 -12.34	86.90 3.25 -22.22	112.10 4.33 -22.82	130.73 4.79 -28.11	111.28 4.24 -20.44	112.35 4.00 -24.94	96.43 3.58 -18.25	92.17 3.24 -19.92	93.38 3.18 -19.64
EMPIRE_CC_2 323658	76.94 2.65 -13.89	75.27 2.40 -14.36	72.55 2.49 -10.85	71.69 2.49 -9.78	74.16 2.47 -11.47	75.63 2.53 -14.20	88.47 3.01 -22.71	108.69 2.81 -44.85	93.92 3.41 -24.86	79.71 3.18 -15.31	80.23 3.18 -15.88	77.01 3.17 -12.74	71.28 3.10 -7.35	70.67 3.03 -6.93	74.92 3.04 -11.08	77.37 3.39 -12.34	86.90 3.25 -22.22	112.10 4.33 -22.82	130.73 4.79 -28.11	111.28 4.24 -20.44	112.35 4.00 -24.94	96.43 3.58 -18.25	92.17 3.24 -19.92	93.38 3.18 -19.64
ENORWICH_115KV_TB1 80156	67.22 3.38 -3.44	65.23 3.16 -3.55	64.86 2.96 -2.68	64.92 3.09 -2.42	66.31 3.25 -2.84	66.24 3.83 -3.51	73.58 5.21 -5.62	77.73 4.82 -11.87	77.25 5.45 -6.16	69.68 4.22 -4.23	69.35 3.79 -4.40	67.87 3.24 -3.54	66.00 3.10 -2.06	65.21 2.55 -1.95	67.35 2.98 -3.57	69.63 4.56 -3.42	72.86 5.22 -6.21	100.17 8.84 -6.38	115.91 10.96 -7.12	100.89 9.87 -4.43	97.01 9.42 -4.18	87.24 8.13 -4.52	80.90 6.97 -4.93	83.04 7.62 -4.86
ERIE_ST__34_KV_TB1-2 80199	56.72 -3.68 0.00	54.94 -3.57 0.00	54.83 -4.38 0.00	55.25 -4.16 0.00	56.19 -4.03 0.00	55.19 -3.71 0.00	59.86 -2.89 0.00	57.66 -5.80 -2.42	62.07 -3.61 -0.03	58.76 -4.10 -1.64	57.44 -5.44 -1.72	56.76 -5.99 -1.66	57.76 -3.89 -0.83	55.34 -6.13 -0.76	55.52 -6.63 -1.35	60.25 -3.02 -1.63	61.10 -2.95 -2.63	83.49 -4.16 -2.70	94.15 -4.30 -0.62	82.44 -4.16 0.00	79.65 -3.75 0.00	71.69 -2.91 0.00	66.32 -2.69 0.00	69.22 -1.34 0.00
ERIE_WT_PWR 323693	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.40 -4.82 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	57.88 -5.43 -2.27	61.29 -4.40 -0.03	57.88 -4.96 -1.61	57.60 -5.26 -1.69	57.10 -5.62 -1.63	56.17 -5.47 -0.81	55.19 -6.25 -0.74	55.97 -6.14 -1.31	59.98 -3.27 -1.61	60.02 -3.99 -2.59	82.35 -5.27 -2.66	92.77 -5.68 -0.61	81.66 -4.93 0.00	78.74 -4.67 0.00	70.79 -3.80 0.00	65.56 -3.45 0.00	68.51 -2.05 0.00
ESPRGFLD_115KV_TB1 80157	100.25 2.66 -37.19	99.36 2.40 -38.45	90.65 2.37 -29.07	87.93 2.32 -26.20	93.48 2.53 -30.73	99.63 2.71 -38.03	127.15 3.58 -60.82	125.60 3.36 -61.21	135.46 3.81 -66.00	92.96 3.06 -28.67	93.54 2.75 -29.62	79.62 2.32 -16.21	76.38 2.62 -12.94	73.72 2.37 -10.65	66.14 2.49 -2.85	79.29 3.08 -14.56	105.12 3.44 -40.26	131.74 5.44 -41.34	175.12 6.55 -70.73	140.86 5.72 -48.55	135.93 5.34 -47.18	128.18 4.70 -48.89	126.50 4.14 -53.36	127.40 4.23 -52.61
ETNA_115_KV_TB1_REV_LBMP_C 345029	62.55 0.48 -1.66	60.53 0.29 -1.72	60.69 0.18 -1.30	60.82 0.24 -1.17	61.90 0.30 -1.38	61.31 0.71 -1.70	66.85 1.38 -2.72	69.62 1.04 -7.54	70.22 1.58 -3.00	64.58 0.92 -2.43	64.43 0.73 -2.53	63.74 0.43 -2.23	62.42 0.36 -1.22	61.91 0.00 -1.20	64.54 0.24 -3.49	65.12 1.29 -2.18	66.51 1.47 -3.62	91.13 2.46 -3.71	104.46 3.03 -3.60	91.42 2.68 -2.14	87.77 2.34 -2.02	78.80 2.01 -2.19	72.98 1.59 -2.39	74.68 1.76 -2.36
ETNA____115KV_TB2 80207	62.55 0.48 -1.66	60.53 0.29 -1.72	60.69 0.18 -1.30	60.82 0.24 -1.17	61.90 0.30 -1.38	61.31 0.71 -1.70	66.85 1.38 -2.72	69.62 1.04 -7.54	70.22 1.58 -3.00	64.58 0.92 -2.43	64.43 0.73 -2.53	63.74 0.43 -2.23	62.42 0.36 -1.22	61.91 0.00 -1.20	64.54 0.24 -3.49	65.12 1.29 -2.18	66.51 1.47 -3.62	91.13 2.46 -3.71	104.46 3.03 -3.60	91.42 2.68 -2.14	87.77 2.34 -2.02	78.80 2.01 -2.19	72.98 1.59 -2.39	74.68 1.76 -2.36
EUCLID____115KV_TB2 356179	58.65 -1.75 0.00	56.70 -1.81 0.00	57.26 -1.95 0.00	57.51 -1.90 0.00	58.35 -1.87 0.00	57.31 -1.59 0.00	61.43 -1.32 0.00	61.82 -1.22 -2.00	64.62 -1.05 -0.02	59.96 -1.29 -0.02	59.96 -1.22 -0.02	60.09 -1.34 -0.35	59.15 -1.70 -0.02	59.10 -1.70 -0.10	60.09 -1.58 -0.87	61.05 -0.99 -0.39	60.31 -1.11 0.00	83.51 -1.44 0.00	96.17 -1.66 0.00	85.12 -1.47 0.00	81.82 -1.58 0.00	73.10 -1.49 0.00	67.49 -1.52 0.00	69.15 -1.41 0.00
E_CANADA_CAP_HY 24051	112.44 3.81 -48.23	111.95 3.57 -49.86	100.46 3.55 -37.70	96.84 3.44 -33.98	103.75 3.67 -39.85	112.04 3.83 -49.31	146.21 4.58 -78.88	171.53 4.40 -106.09	156.29 4.79 -85.85	101.74 3.86 -36.65	102.55 3.55 -37.84	89.19 2.99 -25.11	80.91 3.47 -16.61	78.72 3.28 -14.74	79.35 3.40 -15.15	89.10 3.82 -23.63	116.45 4.12 -50.92	143.61 6.37 -52.28	196.89 7.64 -91.42	156.33 6.76 -62.98	151.06 6.42 -61.23	143.97 5.97 -63.40	143.52 5.31 -69.20	144.15 5.36 -68.23
E_CANADA_MHWK_HY 24050	61.36 0.96 0.00	59.39 0.88 0.00	60.16 0.94 0.00	60.36 0.95 0.00	61.30 1.09 0.00	60.01 1.12 0.00	64.13 1.38 0.00	62.32 1.28 0.00	67.16 1.51 0.00	62.51 1.29 0.00	62.32 1.16 0.00	62.25 1.16 0.00	61.98 1.15 0.00	61.56 0.85 0.00	61.65 0.85 0.00	62.69 1.05 0.00	62.58 1.16 0.00	86.82 1.87 0.00	100.28 2.45 0.00	89.02 2.42 0.00	85.91 2.50 0.00	76.98 2.39 0.00	71.63 2.62 0.00	73.45 2.89 0.00
E_FISHKILL____LBMP 23776	68.20 2.78 -5.03	66.11 2.40 -5.20	65.51 2.37 -3.93	65.27 2.32 -3.54	66.72 2.35 -4.15	66.63 2.59 -5.14	74.36 3.39 -8.22	91.66 3.30 -27.33	78.83 4.07 -9.11	73.84 3.73 -8.88	74.02 3.61 -9.25	73.35 3.60 -8.66	68.89 3.59 -4.47	68.60 3.46 -4.44	73.51 3.53 -9.18	74.20 4.01 -8.55	78.56 3.81 -13.34	104.09 5.44 -13.69	115.52 6.26 -11.43	98.59 5.37 -6.62	94.90 4.92 -6.57	85.31 4.10 -6.61	79.94 3.73 -7.21	81.06 3.39 -7.11
FALCON____SEABRD_CC1 323796	59.31 -1.09 0.00	57.75 -0.76 0.00	58.56 -0.65 0.00	58.70 -0.71 0.00	59.38 -0.84 0.00	57.84 -1.06 0.00	60.49 -2.26 0.00	59.15 -1.89 0.00	62.83 -2.82 0.00	58.71 -2.51 0.00	58.72 -2.45 0.00	58.70 -2.38 0.00	58.64 -2.19 0.00	58.70 -2.00 0.00	58.55 -2.25 0.00	58.44 -3.21 0.00	58.90 -2.52 0.00	81.31 -3.65 0.00	94.01 -3.82 0.00	83.56 -3.03 0.00	81.49 -1.92 0.00	73.62 -0.97 0.00	68.66 -0.34 0.00	71.19 0.63 0.00

FALCON___SEABRD_CC2 323797	59.31 -1.09 0.00	57.75 -0.76 0.00	58.56 -0.65 0.00	58.70 -0.71 0.00	59.38 -0.84 0.00	57.84 -1.06 0.00	60.49 -2.26 0.00	59.15 -1.89 0.00	62.83 -2.82 0.00	58.71 -2.51 0.00	58.72 -2.45 0.00	58.70 -2.38 0.00	58.64 -2.19 0.00	58.70 -2.00 0.00	58.55 -2.25 0.00	58.44 -3.21 0.00	58.90 -2.52 0.00	81.31 -3.65 0.00	94.01 -3.82 0.00	83.56 -3.03 0.00	81.49 -1.92 0.00	73.62 -0.97 0.00	68.66 -0.34 0.00	71.19 0.63 0.00
FAR ROCKAWAY___4 23548	87.32 4.59 -22.33	76.93 4.10 -14.32	70.19 4.09 -6.90	66.81 3.92 -3.48	70.27 4.09 -5.95	72.66 4.36 -9.40	118.79 5.33 -50.71	142.11 5.19 -75.89	142.24 6.17 -70.41	121.82 5.69 -54.90	113.77 5.69 -46.92	95.13 5.62 -28.42	71.56 5.60 -5.13	71.50 5.46 -5.33	92.39 5.47 -26.12	99.92 6.16 -32.11	122.00 5.90 -54.68	161.37 8.50 -67.92	164.36 9.88 -56.64	138.54 8.40 -43.55	133.54 7.76 -42.38	125.50 6.64 -44.27	115.11 6.00 -40.10	115.41 5.64 -39.20
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	68.61 3.26 -4.94	66.43 2.81 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.08	66.90 2.94 -5.05	74.73 3.89 -8.09	91.82 3.97 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.04 4.46 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.23 4.73 -13.09	105.02 6.63 -13.44	116.69 7.63 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.58 4.49 -7.09	81.57 4.02 -6.99
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	68.61 3.26 -4.94	66.43 2.81 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.08	66.96 3.00 -5.05	74.79 3.95 -8.09	91.82 3.97 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.04 4.46 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.23 4.73 -13.09	105.02 6.63 -13.44	116.69 7.63 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.09 5.00 -6.50	80.58 4.49 -7.09	81.57 4.02 -6.99
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	68.61 3.26 -4.94	66.37 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.08	66.90 2.94 -5.05	74.73 3.89 -8.09	91.75 3.91 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.71 4.46 -9.08	74.04 4.46 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.18 4.38 -9.00	74.96 4.93 -8.38	79.17 4.67 -13.09	105.02 6.63 -13.44	116.69 7.63 -11.23	99.52 6.41 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
FARRAGUT___LBMP 323566	68.54 3.20 -4.94	66.32 2.69 -5.11	65.74 2.66 -3.86	65.45 2.55 -3.48	66.89 2.59 -4.08	66.84 2.89 -5.05	74.66 3.83 -8.08	91.69 3.85 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.45 4.35 -7.09	81.50 3.95 -6.99
FENNER___WINDPWR 24204	61.43 1.03 0.00	59.39 0.88 0.00	60.04 0.83 0.00	60.30 0.89 0.00	61.24 1.02 0.00	60.19 1.29 0.00	64.57 1.82 0.00	65.24 1.71 -2.50	67.71 2.04 -0.02	63.89 1.53 -1.14	63.77 1.41 -1.19	63.54 1.28 -1.17	62.59 1.15 -0.61	62.28 0.97 -0.60	63.35 1.10 -1.46	64.58 1.79 -1.15	64.96 1.72 -1.83	89.55 2.72 -1.87	101.49 3.22 -0.43	89.54 2.95 0.00	85.99 2.59 0.00	76.76 2.16 0.00	70.80 1.79 0.00	72.53 1.97 0.00
FIBERTEK___ENERGY 23856	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.37 -0.38 0.00	63.22 -0.12 -2.31	65.80 0.13 -0.02	62.02 -0.24 -1.04	62.08 -0.18 -1.10	61.85 -0.31 -1.07	60.78 -0.61 -0.56	60.53 -0.73 -0.55	61.31 -0.61 -1.12	62.76 0.06 -1.06	63.09 0.00 -1.67	86.93 0.25 -1.72	98.52 0.29 -0.40	86.85 0.26 0.00	83.49 0.08 0.00	74.52 -0.07 0.00	68.73 -0.28 0.00	70.42 -0.14 0.00
FITZPATRICK____ 23598	57.92 -2.48 0.00	56.06 -2.46 0.00	56.61 -2.60 0.00	56.86 -2.55 0.00	57.63 -2.59 0.00	56.60 -2.30 0.00	60.55 -2.20 0.00	60.36 -2.14 -1.46	63.50 -2.16 -0.01	59.04 -2.20 -0.01	59.04 -2.14 -0.01	59.14 -2.20 -0.25	58.35 -2.50 -0.01	58.28 -2.49 -0.07	59.06 -2.37 -0.63	59.90 -2.03 -0.29	59.33 -2.09 0.00	82.07 -2.89 0.00	94.41 -3.43 0.00	83.56 -3.03 0.00	80.41 -3.00 0.00	71.91 -2.68 0.00	66.45 -2.55 0.00	68.09 -2.47 0.00
FLOWRFLD_69_KV_BK1 356044	87.98 5.25 -22.33	77.58 4.74 -14.32	70.78 4.68 -6.90	67.35 4.46 -3.48	70.87 4.70 -5.95	73.19 4.89 -9.40	119.61 6.15 -50.71	143.09 6.16 -75.89	143.35 7.29 -70.41	122.61 6.49 -54.90	114.32 6.24 -46.92	95.62 6.11 -28.42	71.98 6.02 -5.13	71.98 5.95 -5.33	92.87 5.96 -26.12	100.29 6.53 -32.11	122.55 6.45 -54.68	162.47 9.60 -67.92	165.33 10.86 -56.64	139.32 9.18 -43.55	134.30 8.51 -42.38	126.17 7.31 -44.27	115.67 6.56 -40.10	116.18 6.42 -39.20
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	68.96 3.44 -5.12	66.79 2.98 -5.29	66.17 2.96 -4.00	65.93 2.91 -3.61	67.46 3.01 -4.23	67.43 3.30 -5.23	75.32 4.20 -8.37	92.30 4.09 -27.17	79.77 4.86 -9.27	74.41 4.35 -8.84	74.54 4.16 -9.21	73.76 4.09 -8.58	69.35 4.08 -4.44	69.06 3.95 -4.40	73.86 4.01 -9.04	74.67 4.56 -8.46	79.23 4.55 -13.27	105.29 6.71 -13.62	117.02 7.63 -11.56	99.69 6.49 -6.60	95.63 6.01 -6.22	86.40 5.07 -6.73	80.97 4.62 -7.34	82.10 4.30 -7.24
FORT ORANGE____ 23900	89.24 2.42 -26.42	88.05 2.22 -27.32	82.23 2.37 -20.65	80.46 2.44 -18.62	84.46 2.41 -21.83	88.27 2.36 -27.02	108.22 2.26 -43.22	129.21 2.01 -66.16	115.19 2.43 -47.11	86.92 2.33 -23.37	87.80 2.45 -24.19	80.86 2.51 -17.26	74.07 2.37 -10.87	72.93 2.37 -9.85	75.32 2.37 -12.15	80.60 2.53 -16.42	96.86 2.27 -33.16	121.98 2.97 -34.05	152.39 3.22 -51.33	118.71 2.77 -29.34	103.21 2.59 -17.21	111.57 2.24 -34.73	109.12 2.21 -37.91	110.62 2.68 -37.38
FORT_DRUM_COGEN 23780	61.55 1.15 0.00	59.51 0.99 0.00	60.10 0.89 0.00	60.42 1.01 0.00	61.36 1.14 0.00	60.25 1.35 0.00	64.82 2.07 0.00	65.24 2.99 -1.21	68.75 3.09 -0.01	63.50 2.27 -0.01	63.32 2.14 -0.01	63.19 1.89 -0.21	62.55 1.70 -0.01	62.34 1.58 -0.06	63.09 1.76 -0.52	64.22 2.34 -0.24	64.00 2.58 0.00	89.37 4.42 0.00	104.00 6.16 0.00	92.05 5.46 0.00	88.58 5.17 0.00	79.00 4.40 0.00	72.73 3.73 0.00	74.44 3.88 0.00
FOX_HILLS___ESR 323835	68.85 3.50 -4.94	66.67 3.04 -5.11	66.15 3.08 -3.86	65.92 3.03 -3.48	67.02 2.71 -4.09	67.02 3.06 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.92 5.32 -8.96	74.90 4.96 -8.71	75.20 4.95 -9.08	74.53 4.95 -8.49	70.14 4.93 -4.38	69.86 4.80 -4.36	74.54 4.74 -9.00	75.40 5.36 -8.39	136.18 5.04 -69.72	205.51 7.05 -113.50	255.59 8.22 -149.54	166.68 6.93 -73.15	128.26 6.34 -38.52	86.32 5.22 -6.50	80.93 4.83 -7.09	81.86 4.30 -6.99
FPL FAR_ROCK_GT1 24212	87.31 4.59 -22.33	76.93 4.09 -14.32	70.19 4.08 -6.90	66.81 3.92 -3.48	70.27 4.10 -5.95	72.66 4.36 -9.40	118.79 5.33 -50.71	142.11 5.19 -75.89	142.23 6.17 -70.41	121.82 5.69 -54.90	113.77 5.69 -46.92	95.13 5.62 -28.42	71.55 5.59 -5.13	71.50 5.47 -5.33	92.45 5.53 -26.12	99.92 6.16 -32.11	122.00 5.90 -54.68	161.37 8.49 -67.92	164.35 9.88 -56.64	138.63 8.49 -43.55	133.63 7.84 -42.38	125.50 6.64 -44.27	115.11 6.00 -40.10	115.41 5.65 -39.20

FPL FAR_ROCK_GT2 23815	87.31 4.59 -22.33	76.93 4.09 -14.32	70.19 4.08 -6.90	66.81 3.92 -3.48	70.27 4.10 -5.95	72.66 4.36 -9.40	118.79 5.33 -50.71	142.11 5.19 -75.89	142.23 6.17 -70.41	121.82 5.69 -54.90	113.77 5.69 -46.92	95.13 5.62 -28.42	71.55 5.59 -5.13	71.50 5.47 -5.33	92.45 5.53 -26.12	99.92 6.16 -32.11	122.00 5.90 -54.68	161.37 8.49 -67.92	164.35 9.88 -56.64	138.63 8.49 -43.55	133.63 7.84 -42.38	125.50 6.64 -44.27	115.11 6.00 -40.10	115.41 5.65 -39.20
FRANKLIN_FALL_HYD 24054	59.98 -0.42 0.00	58.34 -0.18 0.00	59.15 -0.06 0.00	59.29 -0.12 0.00	60.04 -0.18 0.00	58.43 -0.47 0.00	61.75 -1.00 0.00	60.43 -0.61 0.00	64.14 -1.51 0.00	59.94 -1.29 0.00	59.88 -1.28 0.00	59.80 -1.28 0.00	59.74 -1.09 0.00	59.86 -0.85 0.00	59.64 -1.16 0.00	59.43 -2.22 0.00	59.88 -1.54 0.00	82.58 -2.38 0.00	95.39 -2.45 0.00	84.78 -1.82 0.00	82.66 -0.75 0.00	74.75 0.15 0.00	69.70 0.69 0.00	71.62 1.06 0.00
FREEPORT_EQUS_GT1 23764	86.95 4.23 -22.33	76.59 3.75 -14.32	69.84 3.73 -6.90	66.46 3.56 -3.48	69.91 3.73 -5.95	72.30 4.01 -9.40	118.42 4.96 -50.71	141.56 4.64 -75.89	141.64 5.58 -70.41	121.51 5.39 -54.90	113.34 5.26 -46.92	94.70 5.19 -28.42	71.19 5.23 -5.13	71.14 5.10 -5.33	92.08 5.17 -26.12	99.49 5.73 -32.11	121.69 5.59 -54.68	160.60 7.73 -67.92	163.38 8.90 -56.64	137.76 7.62 -43.55	132.79 7.01 -42.38	124.76 5.89 -44.27	114.70 5.59 -40.10	114.98 5.22 -39.20
FREEPORT___CT2 23818	86.95 4.23 -22.33	76.59 3.75 -14.32	69.84 3.73 -6.90	66.46 3.56 -3.48	69.91 3.73 -5.95	72.30 4.01 -9.40	118.42 4.96 -50.71	141.56 4.64 -75.89	141.64 5.58 -70.41	121.51 5.39 -54.90	113.34 5.26 -46.92	94.70 5.19 -28.42	71.19 5.23 -5.13	71.14 5.10 -5.33	92.08 5.17 -26.12	99.49 5.73 -32.11	121.69 5.59 -54.68	160.60 7.73 -67.92	163.38 8.90 -56.64	137.76 7.62 -43.55	132.79 7.01 -42.38	124.76 5.89 -44.27	114.70 5.59 -40.10	114.98 5.22 -39.20
FRESHKLS_33_KV_LOAD 356253	68.73 3.38 -4.94	66.61 2.98 -5.11	66.21 3.14 -3.86	65.92 3.03 -3.48	66.95 2.65 -4.09	66.96 3.00 -5.06	74.73 3.89 -8.09	91.70 3.85 -26.81	79.86 5.25 -8.96	74.83 4.90 -8.71	75.14 4.89 -9.08	74.41 4.83 -8.49	70.02 4.81 -4.38	69.80 4.74 -4.36	74.36 4.56 -9.00	75.27 5.24 -8.39	135.99 4.85 -69.72	205.25 6.80 -113.50	255.30 7.92 -149.54	166.42 6.67 -73.15	128.01 6.09 -38.52	86.17 5.07 -6.50	80.72 4.62 -7.09	81.65 4.09 -6.99
FULTON COGEN____ 23766	58.71 -1.69 0.00	56.82 -1.70 0.00	57.38 -1.84 0.00	57.63 -1.78 0.00	58.47 -1.75 0.00	57.43 -1.47 0.00	61.56 -1.19 0.00	63.63 0.61 -1.98	66.59 0.92 -0.02	61.73 0.49 -0.02	61.73 0.55 -0.02	61.80 0.37 -0.34	60.85 0.00 -0.02	60.68 -0.12 -0.09	61.72 0.06 -0.86	62.89 0.86 -0.39	62.16 0.74 0.00	86.31 1.36 0.00	99.50 1.66 0.00	88.07 1.47 0.00	84.57 1.17 0.00	75.49 0.90 0.00	69.63 0.62 0.00	71.26 0.71 0.00
FULTON___LFGE 323630	117.74 4.53 -52.81	117.44 4.33 -54.60	104.81 4.32 -41.28	100.84 4.22 -37.21	108.31 4.46 -43.64	117.43 4.54 -54.00	154.39 5.27 -86.37	178.42 5.01 -112.37	165.13 5.52 -93.97	105.66 4.59 -39.84	106.58 4.28 -41.13	91.61 3.85 -26.67	83.05 4.19 -18.02	80.56 4.01 -15.85	79.86 4.14 -14.92	91.31 4.68 -24.99	121.67 4.92 -55.34	149.25 7.48 -56.82	206.74 8.90 -100.01	163.44 7.88 -68.96	158.05 7.59 -67.06	150.80 6.79 -69.42	150.91 6.14 -75.77	151.40 6.14 -74.71
G.F.CEMENT___DRP 24184	118.98 5.50 -53.08	118.60 5.21 -54.88	105.91 5.21 -41.49	101.98 5.17 -37.40	109.44 5.36 -43.86	118.47 5.30 -54.27	155.52 5.96 -86.81	177.69 5.74 -110.91	166.58 6.50 -94.43	107.40 5.82 -40.36	108.47 5.63 -41.67	93.26 5.50 -26.68	84.51 5.41 -18.27	81.97 5.28 -15.98	80.24 5.29 -14.15	92.48 5.92 -24.91	123.54 5.96 -56.16	151.21 8.58 -57.67	208.46 9.98 -100.65	165.29 8.75 -69.95	161.24 8.42 -69.41	151.91 7.53 -69.78	152.06 6.90 -76.15	152.78 7.13 -75.09
GARDENVILLE___LBMP 24039	55.75 -4.65 0.00	54.01 -4.51 0.00	53.94 -5.27 0.00	54.36 -5.05 0.00	55.28 -4.94 0.00	54.30 -4.59 0.00	58.86 -3.89 0.00	57.67 -5.49 -2.12	61.15 -4.53 -0.03	57.81 -5.02 -1.61	57.53 -5.32 -1.69	57.03 -5.68 -1.63	55.91 -5.72 -0.80	55.06 -6.37 -0.72	55.85 -6.26 -1.32	59.42 -3.82 -1.60	59.88 -4.12 -2.58	81.91 -5.69 -2.65	92.38 -6.07 -0.61	80.97 -5.63 0.00	78.24 -5.17 0.00	70.49 -4.10 0.00	65.14 -3.86 0.00	68.23 -2.33 0.00
GARDNVLA_35_KV_LD 355827	56.05 -4.35 0.00	54.30 -4.21 0.00	54.24 -4.97 0.00	54.60 -4.81 0.00	55.52 -4.70 0.00	54.54 -4.36 0.00	59.11 -3.64 0.00	58.05 -5.31 -2.33	61.48 -4.20 -0.03	58.13 -4.71 -1.62	57.72 -5.14 -1.70	57.23 -5.50 -1.64	56.29 -5.35 -0.81	55.32 -6.13 -0.75	55.99 -6.14 -1.33	59.68 -3.58 -1.61	60.15 -3.87 -2.59	82.27 -5.35 -2.66	92.77 -5.67 -0.61	81.31 -5.28 0.00	78.57 -4.84 0.00	70.79 -3.80 0.00	65.42 -3.59 0.00	68.51 -2.05 0.00
GELCKHM___115KV_LOAD 80723	58.95 -1.45 0.00	56.99 -1.52 0.00	57.55 -1.66 0.00	57.80 -1.60 0.00	58.65 -1.57 0.00	57.66 -1.24 0.00	61.81 -0.94 0.00	62.36 -0.79 -2.12	65.01 -0.66 -0.02	60.33 -0.92 -0.02	60.33 -0.86 -0.02	60.48 -0.98 -0.37	59.57 -1.28 -0.02	59.47 -1.34 -0.10	60.50 -1.22 -0.92	61.44 -0.62 -0.41	60.74 -0.68 0.00	84.11 -0.85 0.00	96.95 -0.88 0.00	85.73 -0.87 0.00	82.41 -1.00 0.00	73.63 -0.97 0.00	67.97 -1.04 0.00	69.57 -0.99 0.00
GENERAL___MILLS 23808	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.46 -4.76 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	57.88 -5.43 -2.27	61.35 -4.33 -0.03	58.00 -4.84 -1.61	57.60 -5.26 -1.69	57.10 -5.62 -1.63	56.17 -5.47 -0.81	55.19 -6.25 -0.74	55.86 -6.26 -1.33	59.61 -3.64 -1.61	60.02 -3.99 -2.59	82.18 -5.44 -2.66	92.67 -5.77 -0.61	81.23 -5.37 0.00	78.40 -5.00 0.00	70.72 -3.88 0.00	65.35 -3.66 0.00	68.44 -2.12 0.00
GE_PLASTICS___DRP 24183	83.38 1.99 -20.99	82.03 1.81 -21.70	77.57 1.95 -16.41	76.16 1.96 -14.79	79.49 1.93 -17.34	82.24 1.88 -21.46	99.28 2.20 -34.33	120.31 2.08 -57.20	105.68 2.56 -37.47	83.57 2.39 -19.96	84.22 2.39 -20.67	78.93 2.44 -15.40	72.59 2.37 -9.39	71.65 2.31 -8.63	74.92 2.31 -11.81	78.92 2.53 -14.75	92.30 2.33 -28.55	117.41 3.14 -29.31	142.65 3.52 -41.30	113.76 3.03 -24.13	102.43 2.75 -16.27	104.65 2.46 -27.59	101.40 2.28 -30.11	102.51 2.26 -29.69
GILBOA___1 23756	65.28 1.75 -3.13	63.27 1.52 -3.24	63.38 1.72 -2.45	63.34 1.72 -2.21	64.55 1.75 -2.59	63.74 1.65 -3.20	70.06 2.20 -5.12	86.21 2.01 -23.17	73.94 2.56 -5.73	70.88 2.27 -7.39	71.07 2.20 -7.71	70.87 2.14 -7.64	66.75 2.13 -3.79	66.61 2.07 -3.84	71.45 2.07 -8.59	71.70 2.47 -7.59	75.07 2.39 -11.25	99.91 3.40 -11.55	109.56 3.92 -7.81	94.00 3.37 -4.03	90.30 3.09 -3.80	81.32 2.61 -4.11	75.84 2.35 -4.49	77.24 2.26 -4.43
GILBOA___2 23757	65.28 1.75 -3.13	63.27 1.52 -3.24	63.38 1.72 -2.45	63.34 1.72 -2.21	64.55 1.75 -2.59	63.74 1.65 -3.20	70.06 2.20 -5.12	86.21 2.01 -23.17	73.94 2.56 -5.73	70.88 2.27 -7.39	71.07 2.20 -7.71	70.87 2.14 -7.64	66.75 2.13 -3.79	66.61 2.07 -3.84	71.45 2.07 -8.59	71.70 2.47 -7.59	75.07 2.39 -11.25	99.91 3.40 -11.55	109.56 3.92 -7.81	94.00 3.37 -4.03	90.30 3.09 -3.80	81.32 2.61 -4.11	75.84 2.35 -4.49	77.24 2.26 -4.43

GILBOA___3 23758	65.28 1.75 -3.13	63.27 1.52 -3.24	63.38 1.72 -2.45	63.34 1.72 -2.21	64.55 1.75 -2.59	63.74 1.65 -3.20	70.06 2.20 -5.12	86.21 2.01 -23.17	73.94 2.56 -5.73	70.88 2.27 -7.39	71.07 2.20 -7.71	70.87 2.14 -7.64	66.75 2.13 -3.79	66.61 2.07 -3.84	71.45 2.07 -8.59	71.70 2.47 -7.59	75.07 2.39 -11.25	99.91 3.40 -11.55	109.56 3.92 -7.81	94.00 3.37 -4.03	90.30 3.09 -3.80	81.32 2.61 -4.11	75.84 2.35 -4.49	77.24 2.26 -4.43
GILBOA___4 23759	65.28 1.75 -3.13	63.27 1.52 -3.24	63.38 1.72 -2.45	63.34 1.72 -2.21	64.55 1.75 -2.59	63.74 1.65 -3.20	70.06 2.20 -5.12	86.21 2.01 -23.17	73.94 2.56 -5.73	70.88 2.27 -7.39	71.07 2.20 -7.71	70.87 2.14 -7.64	66.75 2.13 -3.79	66.61 2.07 -3.84	71.45 2.07 -8.59	71.70 2.47 -7.59	75.07 2.39 -11.25	99.91 3.40 -11.55	109.56 3.92 -7.81	94.00 3.37 -4.03	90.30 3.09 -3.80	81.32 2.61 -4.11	75.84 2.35 -4.49	77.24 2.26 -4.43
GILBOA___ 23599	65.28 1.75 -3.13	63.27 1.52 -3.24	63.37 1.72 -2.45	63.34 1.72 -2.21	64.55 1.75 -2.59	63.75 1.65 -3.20	70.06 2.20 -5.12	86.22 2.01 -23.17	73.94 2.56 -5.73	70.88 2.27 -7.39	71.08 2.20 -7.71	70.87 2.14 -7.64	66.75 2.13 -3.79	66.61 2.06 -3.84	71.45 2.07 -8.59	71.70 2.47 -7.59	75.07 2.40 -11.25	99.91 3.40 -11.55	109.56 3.91 -7.81	94.01 3.38 -4.03	90.30 3.09 -3.81	81.32 2.61 -4.11	75.84 2.35 -4.49	77.24 2.26 -4.43
GINNA___ 23603	55.21 -5.19 0.00	53.54 -4.97 0.00	53.64 -5.57 0.00	54.00 -5.41 0.00	54.86 -5.36 0.00	53.95 -4.95 0.00	58.30 -4.45 0.00	59.43 -4.21 -2.61	61.15 -4.53 -0.03	57.76 -4.66 -1.20	58.02 -4.40 -1.26	57.79 -4.52 -1.22	55.69 -5.78 -0.64	55.93 -5.40 -0.63	57.02 -4.87 -1.08	58.41 -4.44 -1.20	58.73 -4.61 -1.92	80.64 -6.29 -1.97	91.15 -7.14 -0.45	80.19 -6.41 0.00	77.15 -6.26 0.00	69.08 -5.52 0.00	63.76 -5.25 0.00	65.90 -4.66 0.00
GLEN PARK___ 23778	61.91 1.51 0.00	59.86 1.35 0.00	60.46 1.25 0.00	60.71 1.31 0.00	61.73 1.51 0.00	60.66 1.77 0.00	65.26 2.51 0.00	65.77 3.48 -1.25	69.27 3.61 -0.01	63.93 2.69 -0.01	63.68 2.51 -0.01	63.57 2.26 -0.22	62.91 2.07 -0.01	62.65 1.88 -0.06	63.47 2.13 -0.54	64.73 2.84 -0.25	64.49 3.07 0.00	89.88 4.93 0.00	104.49 6.66 0.00	92.49 5.89 0.00	89.00 5.59 0.00	79.37 4.78 0.00	73.01 4.00 0.00	75.08 4.52 0.00
GLENDALE_27_KV_LOAD 356172	69.03 3.68 -4.94	66.79 3.16 -5.11	66.15 3.08 -3.86	65.86 2.97 -3.48	67.26 2.95 -4.09	67.19 3.24 -5.06	75.10 4.27 -8.09	92.18 4.33 -26.81	80.06 5.45 -8.96	75.08 5.14 -8.71	75.26 5.02 -9.08	74.59 5.01 -8.49	70.20 4.99 -4.38	69.92 4.86 -4.35	74.73 4.92 -9.00	75.51 5.49 -8.38	79.73 5.22 -13.09	105.78 7.39 -13.44	117.58 8.51 -11.23	100.29 7.19 -6.51	96.45 6.59 -6.46	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GLENWOOD_IC_1_G5 23712	86.89 4.17 -22.33	76.52 3.69 -14.32	69.78 3.67 -6.90	66.40 3.51 -3.48	69.84 3.67 -5.95	72.24 3.95 -9.40	118.10 4.64 -50.71	141.57 4.64 -75.89	141.64 5.58 -70.41	121.26 5.14 -54.90	113.16 5.08 -46.92	94.52 5.01 -28.42	70.95 4.99 -5.13	70.89 4.86 -5.33	91.84 4.92 -26.12	99.24 5.49 -32.11	121.39 5.28 -54.68	160.43 7.56 -67.92	163.18 8.71 -56.64	137.59 7.45 -43.55	132.63 6.84 -42.38	124.68 5.82 -44.27	114.35 5.24 -40.10	114.63 4.87 -39.20
GLENWOOD_IC_2_G1 23688	86.77 4.05 -22.33	76.41 3.57 -14.32	69.66 3.55 -6.90	66.28 3.38 -3.48	69.72 3.55 -5.95	72.12 3.83 -9.40	118.17 4.71 -50.71	141.56 4.64 -75.89	141.71 5.65 -70.41	121.27 5.14 -54.90	113.15 5.07 -46.92	94.52 5.01 -28.42	70.95 4.99 -5.13	70.95 4.91 -5.33	91.84 4.92 -26.12	99.24 5.48 -32.11	121.44 5.34 -54.68	160.52 7.65 -67.92	163.18 8.70 -56.64	137.59 7.45 -43.55	132.71 6.92 -42.38	124.69 5.82 -44.27	114.35 5.24 -40.10	114.70 4.94 -39.20
GLENWOOD_IC_3_G1 23689	86.77 4.05 -22.33	76.41 3.57 -14.32	69.66 3.55 -6.90	66.28 3.38 -3.48	69.72 3.55 -5.95	72.12 3.83 -9.40	118.17 4.71 -50.71	141.56 4.64 -75.89	141.71 5.65 -70.41	121.27 5.14 -54.90	113.15 5.07 -46.92	94.52 5.01 -28.42	70.95 4.99 -5.13	70.95 4.91 -5.33	91.84 4.92 -26.12	99.24 5.48 -32.11	121.44 5.34 -54.68	160.52 7.65 -67.92	163.18 8.70 -56.64	137.59 7.45 -43.55	132.71 6.92 -42.38	124.69 5.82 -44.27	114.35 5.24 -40.10	114.70 4.94 -39.20
GLENWOOD___4 23550	86.89 4.17 -22.33	76.52 3.69 -14.32	69.78 3.67 -6.90	66.40 3.51 -3.48	69.84 3.67 -5.95	72.24 3.95 -9.40	118.23 4.77 -50.71	141.63 4.70 -75.89	141.71 5.65 -70.41	121.33 5.20 -54.90	113.22 5.14 -46.92	94.58 5.07 -28.42	71.01 5.05 -5.13	70.95 4.92 -5.33	91.90 4.99 -26.12	99.30 5.55 -32.11	121.51 5.40 -54.68	160.52 7.65 -67.92	163.38 8.90 -56.64	137.68 7.53 -43.55	132.79 7.01 -42.38	124.76 5.89 -44.27	114.42 5.31 -40.10	114.70 4.94 -39.20
GLENWOOD___5 23614	86.89 4.17 -22.33	76.52 3.69 -14.32	69.78 3.67 -6.90	66.40 3.51 -3.48	69.84 3.67 -5.95	72.24 3.95 -9.40	118.23 4.77 -50.71	141.63 4.70 -75.89	141.71 5.65 -70.41	121.33 5.20 -54.90	113.22 5.14 -46.92	94.58 5.07 -28.42	71.01 5.05 -5.13	70.95 4.92 -5.33	91.90 4.99 -26.12	99.30 5.55 -32.11	121.51 5.40 -54.68	160.52 7.65 -67.92	163.38 8.90 -56.64	137.68 7.53 -43.55	132.79 7.01 -42.38	124.76 5.89 -44.27	114.42 5.31 -40.10	114.70 4.94 -39.20
GLOBAL GREEN_PORT_GT1 23814	88.16 5.44 -22.33	77.75 4.92 -14.32	70.96 4.86 -6.90	67.47 4.57 -3.48	71.11 4.94 -5.95	73.36 5.07 -9.40	119.93 6.46 -50.71	143.52 6.59 -75.89	144.07 8.01 -70.41	123.04 6.92 -54.90	114.26 6.17 -46.92	95.44 5.92 -28.42	71.74 5.78 -5.13	71.74 5.70 -5.33	92.69 5.78 -26.12	99.98 6.22 -32.11	122.30 6.20 -54.68	162.72 9.85 -67.92	164.84 10.37 -56.64	138.80 8.66 -43.55	133.63 7.84 -42.38	125.65 6.79 -44.27	115.39 6.28 -40.10	116.75 6.99 -39.20
GLOBE___DSASP 323697	54.42 -5.98 0.00	52.78 -5.73 0.00	52.76 -6.45 0.00	53.17 -6.24 0.00	54.02 -6.20 0.00	53.01 -5.89 0.00	56.91 -5.84 0.00	56.73 -6.65 -2.35	59.18 -6.50 -0.03	55.93 -6.80 -1.50	56.32 -6.42 -1.58	55.95 -6.66 -1.52	53.38 -8.21 -0.76	53.58 -7.83 -0.71	54.64 -7.42 -1.26	57.29 -5.86 -1.50	57.01 -6.82 -2.41	77.91 -9.52 -2.47	87.84 -10.57 -0.57	77.07 -9.53 0.00	74.48 -8.92 0.00	67.29 -7.31 0.00	62.17 -6.83 0.00	65.48 -5.08 0.00
GOETHSLN___LBMP 323567	68.12 2.78 -4.94	65.97 2.34 -5.11	65.32 2.25 -3.86	65.03 2.14 -3.48	66.53 2.23 -4.09	66.49 2.53 -5.05	74.22 3.39 -8.09	91.33 3.48 -26.81	79.00 4.40 -8.96	74.04 4.10 -8.71	74.28 4.04 -9.08	73.55 3.97 -8.49	69.17 3.95 -4.38	68.94 3.89 -4.35	73.75 3.95 -9.00	74.53 4.50 -8.38	76.62 4.24 -10.96	83.42 5.95 7.48	88.54 6.85 16.14	76.59 5.80 15.81	77.38 5.25 11.28	83.63 4.40 -4.64	80.03 3.93 -7.09	81.01 3.46 -6.99
GOLAH___69_KV_TB 1_2 80279	57.20 -3.20 0.00	55.53 -2.98 0.00	55.60 -3.61 0.00	55.96 -3.45 0.00	56.85 -3.37 0.00	55.95 -2.94 0.00	60.49 -2.26 0.00	61.10 -2.50 -2.56	63.18 -2.49 -0.03	59.35 -3.12 -1.25	59.60 -2.87 -1.31	59.25 -3.12 -1.27	56.99 -4.50 -0.66	57.28 -4.07 -0.64	58.32 -3.59 -1.11	60.19 -2.71 -1.25	60.35 -3.07 -2.00	82.68 -4.33 -2.06	93.61 -4.70 -0.47	82.18 -4.42 0.00	79.07 -4.34 0.00	70.94 -3.66 0.00	65.56 -3.45 0.00	68.23 -2.33 0.00

GOODYEAR_LAKE_HYD 323669	78.86 2.17 -16.28	77.28 1.93 -16.83	73.83 1.89 -12.72	72.78 1.90 -11.47	75.72 2.05 -13.45	77.78 2.24 -16.65	92.39 3.01 -26.63	96.52 2.81 -32.67	97.95 3.35 -28.95	78.09 2.76 -14.11	78.34 2.57 -14.60	72.45 2.26 -9.10	69.78 2.43 -6.51	68.49 2.19 -5.59	67.01 2.25 -3.96	72.96 2.90 -8.41	84.58 3.07 -20.09	110.43 4.84 -20.63	135.15 5.77 -31.55	112.76 4.94 -21.23	108.58 4.59 -20.58	99.88 3.88 -21.40	95.74 3.38 -23.36	97.05 3.46 -23.03
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	62.33 -0.36 -2.30	60.36 -0.53 -2.37	60.36 -0.65 -1.80	60.43 -0.59 -1.62	61.58 -0.54 -1.90	60.95 -0.29 -2.35	66.76 0.25 -3.76	70.62 -0.43 -10.01	70.12 0.33 -4.14	64.51 -0.12 -3.41	64.28 -0.43 -3.55	63.53 -0.67 -3.12	62.09 -0.43 -1.69	61.43 -0.91 -1.64	62.81 -0.85 -2.86	65.00 0.31 -3.05	66.86 0.37 -5.07	90.93 0.76 -5.21	103.79 0.98 -4.98	90.33 0.78 -2.96	86.87 0.67 -2.79	78.14 0.52 -3.02	72.64 0.35 -3.29	74.44 0.64 -3.25
GOUDEY___7 23579	62.33 -0.36 -2.30	60.36 -0.53 -2.37	60.36 -0.65 -1.80	60.43 -0.59 -1.62	61.58 -0.54 -1.90	60.95 -0.29 -2.35	66.76 0.25 -3.76	70.62 -0.43 -10.01	70.12 0.33 -4.14	64.51 -0.12 -3.41	64.28 -0.43 -3.55	63.53 -0.67 -3.12	62.09 -0.43 -1.69	61.43 -0.91 -1.64	62.81 -0.85 -2.86	65.00 0.31 -3.05	66.86 0.37 -5.07	90.93 0.76 -5.21	103.79 0.98 -4.98	90.33 0.78 -2.96	86.87 0.67 -2.79	78.14 0.52 -3.02	72.64 0.35 -3.29	74.44 0.64 -3.25
GOUDEY___8 23580	62.33 -0.36 -2.30	60.36 -0.53 -2.37	60.36 -0.65 -1.80	60.43 -0.59 -1.62	61.58 -0.54 -1.90	60.95 -0.29 -2.35	66.76 0.25 -3.76	70.62 -0.43 -10.01	70.12 0.33 -4.14	64.51 -0.12 -3.41	64.28 -0.43 -3.55	63.53 -0.67 -3.12	62.09 -0.43 -1.69	61.43 -0.91 -1.64	62.81 -0.85 -2.86	65.00 0.31 -3.05	66.86 0.37 -5.07	90.93 0.76 -5.21	103.79 0.98 -4.98	90.33 0.78 -2.96	86.87 0.67 -2.79	78.14 0.52 -3.02	72.64 0.35 -3.29	74.44 0.64 -3.25
GOWANUS_GT1_1 24077	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT1_2 24078	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT1_3 24079	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT1_4 24080	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT1_5 24084	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT1_6 24111	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT1_7 24112	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT1_8 24113	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT2_1 24114	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT2_2 24115	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT2_3 24116	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99

GOWANUS_GT2_4 24117	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT2_5 24118	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT2_6 24119	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT2_7 24120	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT2_8 24121	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT3_1 24122	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
GOWANUS_GT3_2 24123	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	8

GOWANUS_GT4_3 24132	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT4_4 24133	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT4_5 24134	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT4_6 24135	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT4_7 24136	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GOWANUS_GT4_8 24137	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GREENBSH_115KV_TB3 55895	89.98 2.11 -27.46	88.84 1.93 -28.39	82.75 2.07 -21.46	80.90 2.14 -19.35	84.96 2.05 -22.69	88.98 2.00 -28.08	109.92 2.26 -44.92	131.14 2.14 -67.96	117.24 2.63 -48.96	87.79 2.51 -24.05	88.68 2.63 -24.89	81.43 2.69 -17.65	74.62 2.62 -11.17	73.36 2.55 -10.10	75.61 2.55 -12.25	81.01 2.59 -16.78	97.91 2.40 -34.09	122.93 2.97 -35.00	154.42 3.33 -53.26	119.85 2.86 -30.39	103.55 2.59 -17.56	113.01 2.31 -36.10	110.55 2.14 -39.40	111.60 2.19 -38.85
GREENIDGE_115KV_TB5 80291	60.27 -1.51 -1.38	58.36 -1.58 -1.42	58.33 -1.95 -1.08	58.54 -1.84 -0.97	59.67 -1.69 -1.14	59.13 -1.18 -1.41	64.62 -0.38 -2.25	67.94 -0.98 -7.87	67.74 -0.39 -2.48	62.15 -1.16 -2.09	61.87 -1.47 -2.17	61.26 -1.77 -1.95	60.06 -1.89 -1.11	59.93 -1.94 -1.16	59.91 -1.82 -0.93	63.31 -0.25 -1.91	64.47 -0.06 -3.11	88.06 -0.08 -3.19	99.95 -0.88 -2.99	88.45 0.09 -1.77	84.91 -0.17 -1.67	76.77 0.37 -1.80	70.98 0.00 -1.97	72.99 0.49 -1.94
GREENIDGE___3 23582	60.27 -1.51 -1.38	58.36 -1.58 -1.42	58.33 -1.95 -1.08	58.54 -1.84 -0.97	59.67 -1.69 -1.14	59.13 -1.18 -1.41	64.62 -0.38 -2.25	67.94 -0.98 -7.87	67.74 -0.39 -2.48	62.15 -1.16 -2.09	61.87 -1.47 -2.17	61.26 -1.77 -1.95	60.06 -1.89 -1.11	59.93 -1.94 -1.16	59.91 -1.82 -0.93	63.31 -0.25 -1.91	64.47 -0.06 -3.11	88.06 -0.08 -3.19	99.95 -0.88 -2.99	88.45 0.09 -1.77	84.91 -0.17 -1.67	76.77 0.37 -1.80	70.98 0.00 -1.97	72.99 0.49 -1.94
GREENIDGE___4 23583	60.27 -1.51 -1.38	58.36 -1.58 -1.42	58.33 -1.95 -1.08	58.54 -1.84 -0.97	59.67 -1.69 -1.14	59.13 -1.18 -1.41	64.63 -0.37 -2.25	67.93 -0.98 -7.87	67.68 -0.46 -2.48	62.15 -1.17 -2.09	61.87 -1.47 -2.17	61.26 -1.77 -1.95	60.36 -1.58 -1.11	59.92 -1.94 -1.16	60.05 -1.70 -0.95	63.43 -0.12 -1.91	64.47 -0.06 -3.11	88.06 -0.08 -3.19	99.94 -0.88 -2.99	88.54 0.17 -1.77	84.99 -0.08 -1.67	76.78 0.37 -1.80	71.04 0.07 -1.97	73.06 0.56 -1.94
GREENLWN_69_KV_BK 3 55738	86.65 3.93 -22.33	76.29 3.45 -14.32	69.48 3.38 -6.90	66.10 3.21 -3.48	69.54 3.37 -5.95	71.95 3.65 -9.40	118.10 4.64 -50.71	141.57 4.64 -75.89	141.64 5.58 -70.41	121.26 5.14 -54.90	113.10 5.02 -46.92	94.46 4.95 -28.42	70.83 4.87 -5.13	70.83 4.80 -5.33	91.72 4.80 -26.12	99.18 5.42 -32.11	121.39 5.28 -54.68	159.76 6.88 -67.92	162.30 7.83 -56.64	137.24 7.10 -43.55	132.54 6.76 -42.38	124.68 5.82 -44.27	114.29 5.18 -40.10	114.63 4.87 -39.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
GRISSOM___SOLAR 323813	118.46 4.41 -53.65	118.20 4.22 -55.47	105.35 4.20 -41.93	101.31 4.10 -37.80	108.89 4.34 -44.33	118.11 4.36 -54.86	155.58 5.08 -87.75	179.39 4.82 -113.53	166.43 5.32 -95.46	106.18 4.53 -40.43	107.12 4.22 -41.74	91.96 3.91 -26.96	83.25 4.14 -18.28	80.70 3.94 -16.06	79.75 4.07 -14.88	91.50 4.63 -25.23	122.36 4.79 -56.15	149.82 7.22 -57.65	208.03 8.61 -101.58	164.28 7.62 -70.06	158.79 7.25 -68.13	151.61 6.49 -70.53	151.84 5.86 -76.97	152.39 5.93 -75.90
GROVEVILLE___HYD 323602	68.96 3.44 -5.12	66.79 2.98 -5.29	66.17 2.96 -4.00	65.93 2.91 -3.61	67.46 3.01 -4.23	67.43 3.30 -5.23	75.32 4.20 -8.37	92.30 4.09 -27.17	79.77 4.86 -9.27	74.41 4.35 -8.84	74.54 4.16 -9.21	73.76 4.09 -8.58	69.35 4.08 -4.44	69.06 3.95 -4.40	73.86 4.01 -9.04	74.67 4.56 -8.46	79.23 4.55 -13.27	105.29 6.71 -13.62	117.02 7.63 -11.56	99.69 6.49 -6.60	95.63 6.01 -6.22	86.40 5.07 -6.73	80.97 4.62 -7.34	82.10 4.30 -7.24
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.37 -0.38 0.00	63.22 -0.12 -2.31	65.80 0.13 -0.02	62.02 -0.24 -1.04	62.08 -0.18 -1.10	61.85 -0.31 -1.07	60.78 -0.61 -0.56	60.53 -0.73 -0.55	61.31 -0.61 -1.12	62.76 0.06 -1.06	63.09 0.00 -1.67	86.93 0.25 -1.72	98.52 0.29 -0.40	86.85 0.26 0.00	83.49 0.08 0.00	74.52 -0.07 0.00	68.73 -0.28 0.00	70.42 -0.14 0.00

HAMLTNNY_34_KV_TB 80303	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.44 -0.31 0.00	63.15 -0.31 -2.42	65.61 -0.07 -0.02	61.84 -0.49 -1.10	61.89 -0.43 -1.16	61.67 -0.55 -1.13	60.51 -0.91 -0.59	60.32 -0.97 -0.58	61.12 -0.85 -1.17	62.63 -0.12 -1.11	63.00 -0.18 -1.77	86.69 -0.08 -1.81	98.25 0.00 -0.42	86.51 -0.09 0.00	83.16 -0.25 0.00	74.30 -0.30 0.00	68.52 -0.48 0.00	70.21 -0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	60.46 0.06 0.00	58.69 0.18 0.00	59.39 0.18 0.00	59.65 0.24 0.00	60.46 0.24 0.00	59.08 0.18 0.00	62.88 0.13 0.00	62.20 0.55 -0.61	65.85 0.20 -0.01	61.17 -0.06 -0.01	61.05 -0.12 -0.01	61.07 -0.12 -0.11	60.78 -0.06 -0.01	60.73 0.00 -0.03	60.88 -0.18 -0.26	61.15 -0.62 -0.12	61.05 -0.37 0.00	84.53 -0.42 0.00	98.32 0.49 0.00	87.03 0.44 0.00	84.24 0.83 0.00	75.79 1.19 0.00	70.25 1.24 0.00	72.04 1.48 0.00
HARDSCRABBLE_WT_PWR 323673	60.94 0.54 0.00	58.93 0.41 0.00	59.68 0.47 0.00	59.88 0.47 0.00	60.82 0.60 0.00	59.55 0.65 0.00	63.63 0.88 0.00	61.89 0.85 0.00	66.64 0.99 0.00	62.02 0.79 0.00	61.84 0.67 0.00	61.76 0.67 0.00	61.50 0.67 0.00	61.13 0.43 0.00	61.23 0.43 0.00	62.26 0.62 0.00	62.16 0.74 0.00	86.23 1.28 0.00	99.59 1.76 0.00	88.50 1.90 0.00	85.40 2.00 0.00	76.61 2.01 0.00	71.21 2.21 0.00	73.03 2.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	67.81 2.78 -4.63	65.64 2.34 -4.78	65.14 2.31 -3.62	64.87 2.20 -3.26	66.33 2.29 -3.82	66.22 2.59 -4.73	73.71 3.39 -7.57	89.57 3.36 -25.17	78.04 4.00 -8.38	73.02 3.61 -8.18	73.18 3.49 -8.53	72.49 3.42 -7.98	68.29 3.35 -4.12	68.07 3.28 -4.09	72.61 3.34 -8.46	73.34 3.82 -7.88	77.46 3.75 -12.29	103.10 5.52 -12.62	114.71 6.36 -10.52	97.93 5.37 -5.96	93.95 4.92 -5.63	84.71 4.03 -6.08	79.30 3.66 -6.64	80.42 3.32 -6.55
HARSNRAD_115KV_TB1 81005	54.96 -5.44 0.00	53.36 -5.15 0.00	53.23 -5.98 0.00	53.65 -5.76 0.00	54.56 -5.66 0.00	53.60 -5.30 0.00	58.04 -4.71 0.00	57.68 -5.68 -2.31	60.36 -5.32 -0.03	56.95 -5.76 -1.48	57.03 -5.69 -1.55	56.67 -5.93 -1.50	54.53 -7.06 -0.75	54.42 -6.98 -0.70	55.48 -6.57 -1.25	58.38 -4.75 -1.48	58.33 -5.47 -2.38	79.83 -7.56 -2.44	90.08 -8.32 -0.56	78.97 -7.62 0.00	76.32 -7.09 0.00	68.85 -5.74 0.00	63.62 -5.38 0.00	66.89 -3.67 0.00
HARZA MOOSE___RIVER 24016	61.55 1.15 0.00	59.57 1.05 0.00	60.22 1.01 0.00	60.48 1.07 0.00	61.42 1.20 0.00	60.25 1.35 0.00	64.57 1.82 0.00	63.86 2.08 -0.75	67.82 2.17 -0.01	62.95 1.71 -0.01	62.64 1.47 -0.01	62.68 1.47 -0.13	62.24 1.40 -0.01	62.02 1.27 -0.04	62.46 1.34 -0.32	63.45 1.66 -0.15	63.20 1.78 0.00	87.93 2.97 0.00	102.33 4.50 0.00	90.58 3.98 0.00	87.24 3.84 0.00	77.88 3.28 0.00	71.84 2.83 0.00	73.52 2.96 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	58.95 -1.45 0.00	56.99 -1.52 0.00	57.55 -1.66 0.00	57.80 -1.60 0.00	58.65 -1.57 0.00	57.66 -1.24 0.00	61.75 -1.00 0.00	62.18 -0.98 -2.12	64.88 -0.79 -0.02	60.20 -1.04 -0.02	60.21 -0.98 -0.02	60.35 -1.10 -0.37	59.45 -1.40 -0.02	59.29 -1.52 -0.10	60.32 -1.40 -0.91	61.32 -0.74 -0.41	60.62 -0.80 0.00	83.94 -1.02 0.00	96.66 -1.17 0.00	85.56 -1.04 0.00	82.24 -1.17 0.00	73.48 -1.12 0.00	67.76 -1.24 0.00	69.43 -1.13 0.00
HELLGATE_13_KV_LD 55870	68.79 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.20 5.18 -8.38	79.42 4.91 -13.09	105.27 6.88 -13.44	117.09 8.02 -11.23	99.86 6.75 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	68.79 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.90 2.94 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.20 5.18 -8.38	79.42 4.91 -13.09	105.27 6.88 -13.44	117.09 8.02 -11.23	99.86 6.75 -6.51	96.03 6.17 -6.46	86.24 5.15 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
HEMPSTEAD____ 23647	86.59 3.87 -22.33	76.23 3.39 -14.32	69.48 3.37 -6.90	66.10 3.21 -3.48	69.54 3.37 -5.95	71.95 3.65 -9.40	117.98 4.52 -50.71	141.38 4.45 -75.89	141.45 5.38 -70.41	121.14 5.02 -54.90	112.98 4.89 -46.92	94.34 4.82 -28.42	70.83 4.87 -5.13	70.77 4.74 -5.33	91.72 4.80 -26.12	99.12 5.36 -32.11	121.26 5.16 -54.68	160.26 7.39 -67.92	162.89 8.41 -56.64	137.33 7.18 -43.55	132.46 6.68 -42.38	124.46 5.60 -44.27	114.22 5.11 -40.10	114.49 4.73 -39.20
HEWLETT_69_KV_BK3 55828	87.01 4.29 -22.33	76.70 3.86 -14.32	69.96 3.85 -6.90	66.57 3.68 -3.48	69.96 3.79 -5.95	72.36 4.06 -9.40	118.42 4.96 -50.71	141.75 4.82 -75.89	141.91 5.84 -70.41	121.51 5.39 -54.90	113.46 5.38 -46.92	94.83 5.31 -28.42	71.25 5.29 -5.13	71.20 5.16 -5.33	92.14 5.23 -26.12	99.61 5.86 -32.11	121.69 5.59 -54.68	160.86 7.99 -67.92	163.77 9.29 -56.64	138.02 7.88 -43.55	133.13 7.34 -42.38	125.06 6.19 -44.27	114.70 5.59 -40.10	115.05 5.29 -39.20
HICKLING___1 23621	60.49 -1.63 -1.72	58.53 -1.76 -1.77	58.48 -2.07 -1.34	58.66 -1.96 -1.21	59.77 -1.87 -1.42	59.24 -1.41 -1.75	64.87 -0.69 -2.81	67.48 -2.01 -8.46	67.83 -0.92 -3.09	62.25 -1.59 -2.62	61.75 -2.14 -2.73	61.02 -2.50 -2.44	60.22 -1.95 -1.33	59.31 -2.73 -1.33	59.68 -2.61 -1.49	63.48 -0.55 -2.39	64.96 -0.37 -3.91	88.80 -0.17 -4.01	101.58 0.00 -3.74	88.80 0.00 -2.21	85.41 -0.08 -2.08	76.85 0.00 -2.25	71.19 -0.28 -2.46	73.41 0.42 -2.42
HICKLING___2 23622	60.49 -1.63 -1.72	58.53 -1.76 -1.77	58.48 -2.07 -1.34	58.66 -1.96 -1.21	59.77 -1.87 -1.42	59.24 -1.41 -1.75	64.87 -0.69 -2.81	67.48 -2.01 -8.46	67.83 -0.92 -3.09	62.25 -1.59 -2.62	61.75 -2.14 -2.73	61.02 -2.50 -2.44	60.22 -1.95 -1.33	59.31 -2.73 -1.33	59.68 -2.61 -1.49	63.48 -0.55 -2.39	64.96 -0.37 -3.91	88.80 -0.17 -4.01	101.58 0.00 -3.74	88.80 0.00 -2.21	85.41 -0.08 -2.08	76.85 0.00 -2.25	71.19 -0.28 -2.46	73.41 0.42 -2.42
HIGH FALLS___HY 23754	70.72 3.32 -7.00	68.56 2.81 -7.24	67.47 2.78 -5.47	67.02 2.67 -4.93	68.84 2.83 -5.78	69.30 3.24 -7.16	78.40 4.20 -11.45	95.37 4.15 -30.19	83.12 4.86 -12.61	75.45 4.22 -10.00	75.48 3.91 -10.40	74.06 3.79 -9.19	69.48 3.71 -4.94	69.10 3.58 -4.81	73.63 3.71 -9.12	75.03 4.38 -9.01	80.73 4.48 -14.82	107.14 6.97 -15.22	120.88 8.02 -15.03	101.98 6.75 -8.64	96.86 6.17 -7.28	88.95 5.15 -9.20	83.74 4.69 -10.04	84.84 4.37 -9.90
HIGH_RIVER___SOLAR 323847	120.16 3.08 -56.68	119.98 2.87 -58.60	106.41 2.90 -44.30	102.20 2.85 -39.94	110.06 3.01 -46.83	119.85 3.00 -57.95	159.02 3.57 -92.70	182.13 3.42 -117.68	170.28 3.81 -100.82	107.00 3.24 -42.54	108.13 3.06 -43.91	91.70 2.62 -27.99	83.02 2.98 -19.21	80.41 2.91 -16.79	78.50 2.98 -14.72	91.22 3.45 -26.13	124.05 3.56 -59.07	150.88 5.27 -60.65	211.25 6.17 -107.26	165.98 5.37 -74.02	160.56 5.17 -71.98	153.65 4.55 -74.50	154.46 4.14 -81.32	154.83 4.09 -80.18

HILLBURN___GT 23639	67.69 2.60 -4.69	65.53 2.17 -4.85	65.01 2.13 -3.67	64.79 2.08 -3.31	66.20 2.11 -3.88	66.11 2.42 -4.80	73.62 3.20 -7.67	89.73 3.17 -25.52	78.02 3.87 -8.50	73.01 3.49 -8.29	73.23 3.42 -8.64	72.53 3.36 -8.09	68.35 3.34 -4.17	68.13 3.28 -4.15	72.66 3.28 -8.58	73.39 3.76 -7.98	77.44 3.56 -12.46	103.02 5.27 -12.79	114.47 5.97 -10.67	97.66 5.02 -6.05	93.69 4.58 -5.70	84.57 3.80 -6.17	79.12 3.38 -6.73	80.23 3.03 -6.64
HILLSIDE_115KV_TB1 80332	60.12 -2.05 -1.78	58.19 -2.17 -1.84	58.11 -2.49 -1.39	58.28 -2.38 -1.25	59.40 -2.29 -1.47	58.83 -1.88 -1.82	64.34 -1.32 -2.91	66.99 -2.62 -8.58	67.28 -1.58 -3.20	61.92 -2.02 -2.72	61.36 -2.63 -2.83	60.62 -2.99 -2.52	59.95 -2.25 -1.37	58.85 -3.22 -1.36	59.27 -3.16 -1.63	62.89 -1.23 -2.47	64.42 -1.04 -4.05	87.92 -1.19 -4.15	100.34 -1.37 -3.88	87.67 -1.21 -2.28	84.31 -1.25 -2.16	75.89 -1.04 -2.33	70.38 -1.17 -2.54	72.44 -0.64 -2.51
HISHELDN_WT_PWR 323625	56.61 -5.01 -1.22	54.81 -4.97 -1.27	54.54 -5.63 -0.96	54.81 -5.46 -0.86	55.87 -5.36 -1.01	55.26 -4.89 -1.25	60.36 -4.39 -2.00	58.34 -5.74 -3.05	62.80 -5.05 -2.21	57.52 -5.57 -1.87	57.36 -5.75 -1.95	56.73 -6.11 -1.75	55.49 -6.14 -0.80	55.00 -6.37 -0.66	56.07 -6.08 -1.35	59.86 -3.51 -1.72	60.34 -3.87 -2.79	82.89 -4.93 -2.86	95.24 -5.28 -2.69	83.68 -4.51 -1.59	80.66 -4.25 -1.50	72.72 -3.50 -1.62	67.54 -3.24 -1.77	70.26 -2.05 -1.75
HOLTSVILLE_IC_1 23690	87.68 4.95 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.11 4.22 -3.48	70.63 4.46 -5.95	72.89 4.60 -9.40	119.23 5.77 -50.71	142.79 5.86 -75.89	142.96 6.89 -70.41	122.30 6.18 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.68 5.72 -5.13	71.68 5.65 -5.33	92.57 5.66 -26.12	99.92 6.16 -32.11	122.18 6.08 -54.68	161.87 9.00 -67.92	164.55 10.08 -56.64	138.72 8.57 -43.55	133.72 7.93 -42.38	125.65 6.79 -44.27	115.25 6.14 -40.10	115.76 5.99 -39.20
HOLTSVILLE_IC_10 23699	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.68 6.55 -54.90	114.38 6.30 -46.92	95.62 6.11 -28.42	72.04 6.08 -5.13	71.99 5.95 -5.33	92.94 6.02 -26.12	100.29 6.53 -32.11	122.55 6.45 -54.68	162.56 9.68 -67.92	165.33 10.86 -56.64	139.32 9.17 -43.55	134.30 8.51 -42.38	126.18 7.31 -44.27	115.67 6.56 -40.10	116.18 6.42 -39.20
HOLTSVILLE_IC_2 23691	87.68 4.95 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.11 4.22 -3.48	70.63 4.46 -5.95	72.89 4.60 -9.40	119.23 5.77 -50.71	142.79 5.86 -75.89	142.96 6.89 -70.41	122.30 6.18 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.68 5.72 -5.13	71.68 5.65 -5.33	92.57 5.66 -26.12	99.92 6.16 -32.11	122.18 6.08 -54.68	161.87 9.00 -67.92	164.55 10.08 -56.64	138.72 8.57 -43.55	133.72 7.93 -42.38	125.65 6.79 -44.27	115.25 6.14 -40.10	115.76 5.99 -39.20
HOLTSVILLE_IC_3 23692	87.68 4.95 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.11 4.22 -3.48	70.63 4.46 -5.95	72.89 4.60 -9.40	119.23 5.77 -50.71	142.79 5.86 -75.89	142.96 6.89 -70.41	122.30 6.18 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.68 5.72 -5.13	71.68 5.65 -5.33	92.57 5.66 -26.12	99.92 6.16 -32.11	122.18 6.08 -54.68	161.87 9.00 -67.92	164.55 10.08 -56.64	138.72 8.57 -43.55	133.72 7.93 -42.38	125.65 6.79 -44.27	115.25 6.14 -40.10	115.76 5.99 -39.20
HOLTSVILLE_IC_4 23693	87.68 4.95 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.11 4.22 -3.48	70.63 4.46 -5.95	72.89 4.60 -9.40	119.23 5.77 -50.71	142.79 5.86 -75.89	142.96 6.89 -70.41	122.30 6.18 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.68 5.72 -5.13	71.68 5.65 -5.33	92.57 5.66 -26.12	99.92 6.16 -32.11	122.18 6.08 -54.68	161.87 9.00 -67.92	164.55 10.08 -56.64	138.72 8.57 -43.55	133.72 7.93 -42.38	125.65 6.79 -44.27	115.25 6.14 -40.10	115.76 5.99 -39.20
HOLTSVILLE_IC_5 23694	87.68 4.95 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.11 4.22 -3.48	70.63 4.46 -5.95	72.89 4.60 -9.40	119.23 5.77 -50.71	142.79 5.86 -75.89	142.96 6.89 -70.41	122.30 6.18 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.68 5.72 -5.13	71.68 5.65 -5.33	92.57 5.66 -26.12	99.92 6.16 -32.11	122.18 6.08 -54.68	161.87 9.00 -67.92	164.55 10.08 -56.64	138.72 8.57 -43.55	133.72 7.93 -42.38	125.65 6.79 -44.27	115.25 6.14 -40.10	115.76 5.99 -39.20
HOLTSVILLE_IC_6 23695	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.68 6.55 -54.90	114.38 6.30 -46.92	95.62 6.11 -28.42	72.04 6.08 -5.13	71.99 5.95 -5.33	92.94 6.02 -26.12	100.29 6.53 -32.11	122.55 6.45 -54.68	162.56 9.68 -67.92	165.33 10.86 -56.64	139.32 9.17 -43.55	134.30 8.51 -42.38	126.18 7.31 -44.27	115.67 6.56 -40.10	116.18 6.42 -39.20
HOLTSVILLE_IC_7 23696	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.68 6.55 -54.90	114.38 6.30 -46.92	95.62 6.11 -28.42	72.04 6.08 -5.13	71.99 5.95 -5.33	92.94 6.02 -26.12	100.29 6.53 -32.11	122.55 6.45 -54.68	162.56 9.68 -67.92	165.33 10.86 -56.64	139.32 9.17 -43.55	134.30 8.51 -42.38	126.18 7.31 -44.27	115.67 6.56 -40.10	116.18 6.42 -39.20
HOLTSVILLE_IC_8 23697	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.68 6.55 -54.90	114.38 6.30 -46.92	95.62 6.11 -28.42	72.04 6.08 -5.13	71.99 5.95 -5.33	92.94 6.02 -26.12	100.29 6.53 -32.11	122.55 6.45 -54.68	162.56 9.68 -67.92	165.33 10.86 -56.64	139.32 9.17 -43.55	134.30 8.51 -42.38	126.18 7.31 -44.27	115.67 6.56 -40.10	116.18 6.42 -39.20
HOLTSVILLE_IC_9 23698	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.68 6.55 -54.90	114.38 6.30 -46.92	95.62 6.11 -28.42	72.04 6.08 -5.13	71.99 5.95 -5.33	92.94 6.02 -26.12	100.29 6.53 -32.11	122.55 6.45 -54.68	162.56 9.68 -67.92	165.33 10.86 -56.64	139.32 9.17 -43.55	134.30 8.51 -42.38	126.18 7.31 -44.27	115.67 6.56 -40.10	116.18 6.42 -39.20
HOMER_HL_115KV_TB2 355744	58.70 -2.96 -1.26	56.83 -2.98 -1.30	56.58 -3.61 -0.98	56.85 -3.45 -0.89	57.89 -3.37 -1.04	57.18 -3.00 -1.28	62.61 -2.20 -2.05	60.00 -5.98 -4.94	64.90 -3.02 -2.27	59.72 -3.43 -1.92	57.66 -5.50 -2.00	56.66 -6.23 -1.81	59.25 -2.49 -0.91	55.73 -5.83 -0.85	55.26 -6.99 -1.45	60.77 -2.65 -1.77	62.20 -2.09 -2.87	84.25 -3.65 -2.94	96.71 -3.91 -2.79	84.53 -3.72 -1.66	81.46 -3.50 -1.56	73.45 -2.83 -1.69	68.16 -2.69 -1.85	70.82 -1.55 -1.82
HOWARD_WT_PWR 323690	57.04 -4.83 -1.47	55.24 -4.80 -1.52	54.92 -5.45 -1.15	55.16 -5.29 -1.04	56.32 -5.12 -1.22	55.99 -4.42 -1.51	61.59 -3.57 -2.41	66.94 -4.76 -10.66	64.24 -4.07 -2.66	58.63 -4.84 -2.24	58.30 -5.20 -2.34	57.56 -5.62 -2.09	57.45 -4.68 -1.30	57.07 -5.10 -1.46	57.67 -4.32 -1.18	62.28 -1.42 -2.05	63.90 -0.86 -3.34	87.88 -0.51 -3.43	101.00 0.00 -3.16	88.89 0.44 -1.86	85.50 0.33 -1.75	76.94 0.45 -1.90	71.21 0.14 -2.07	73.51 0.91 -2.04

HQ_GEN_CEDARS 23644	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.60 -0.29 0.00	61.81 -0.94 0.00	60.31 -0.73 0.00	64.14 -1.51 0.00	60.06 -1.16 0.00	60.00 -1.16 0.00	60.05 -1.04 0.00	60.10 -0.73 0.00	60.16 -0.55 0.00	60.01 -0.79 0.00	59.79 -1.85 0.00	59.88 -1.54 0.00	82.58 -2.38 0.00	95.19 -2.64 0.00	84.43 -2.16 0.00	81.91 -1.50 0.00	73.78 -0.82 0.00	68.66 -0.35 0.00	70.28 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.23 0.00	61.81 -0.94 0.00	60.31 -0.73 0.00	64.14 -1.51 0.00	60.00 -1.22 0.00	60.00 -1.16 0.00	60.05 -1.04 0.00	60.04 -0.79 0.00	60.16 -0.55 0.00	59.95 -0.85 0.00	59.73 -1.91 0.00	59.89 -1.53 0.00	82.58 -2.38 0.00	95.29 -2.54 0.00	84.43 -2.16 0.00	81.91 -1.50 0.00	73.78 -0.82 0.00	68.66 -0.34 0.00	70.35 -0.21 0.00
HQ_GEN_IMPORT 323601	59.98 -0.42 0.00	58.34 -0.18 0.00	59.09 -0.12 0.00	59.23 -0.18 0.00	59.98 -0.24 0.00	59.98 -0.47 -1.56	60.00 -1.19 1.56	60.00 -1.04 0.00	64.01 -1.64 0.00	60.00 -1.22 0.00	60.00 -1.16 0.00	59.99 -1.10 0.00	59.98 -0.85 0.00	59.98 -0.73 0.00	59.98 -0.85 -0.03	60.01 -1.60 0.03	60.01 -1.41 0.00	82.75 -2.21 0.00	95.39 -2.44 0.00	84.52 -2.08 0.00	81.65 -1.76 0.00	73.26 -1.34 0.00	67.90 -1.11 0.00	69.50 -1.06 0.00
HQ_GEN_WHEEL 23651	59.98 -0.42 0.00	58.34 -0.18 0.00	59.09 -0.12 0.00	59.23 -0.18 0.00	59.98 -0.24 0.00	59.98 -0.47 -1.56	60.00 -1.19 1.56	60.00 -1.04 0.00	64.01 -1.64 0.00	60.00 -1.22 0.00	60.00 -1.16 0.00	59.99 -1.10 0.00	59.98 -0.85 0.00	59.98 -0.73 0.00	59.98 -0.85 -0.03	60.01 -1.60 0.03	60.01 -1.41 0.00	82.75 -2.21 0.00	95.39 -2.44 0.00	84.52 -2.08 0.00	81.65 -1.76 0.00	73.26 -1.34 0.00	67.90 -1.11 0.00	69.50 -1.06 0.00
HUDSON AVE_GT_3 23810	68.61 3.26 -4.94	66.37 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.08	66.90 2.94 -5.05	74.73 3.89 -8.09	91.75 3.91 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.04 4.46 -8.49	69.71 4.50 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.23 4.73 -13.09	105.02 6.63 -13.44	116.69 7.63 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.58 4.49 -7.09	81.57 4.02 -6.99
HUDSON AVE_GT_4 23540	68.61 3.26 -4.94	66.37 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.08	66.90 2.94 -5.05	74.73 3.89 -8.09	91.75 3.91 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.04 4.46 -8.49	69.71 4.50 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.23 4.73 -13.09	105.02 6.63 -13.44	116.69 7.63 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.58 4.49 -7.09	81.57 4.02 -6.99
HUDSON AVE_GT_5 23657	68.61 3.26 -4.94	66.37 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.08	66.90 2.94 -5.05	74.73 3.89 -8.09	91.75 3.91 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.04 4.46 -8.49	69.71 4.50 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.23 4.73 -13.09	105.02 6.63 -13.44	116.69 7.63 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.58 4.49 -7.09	81.57 4.02 -6.99
HUDSON_AVE_10 24168	68.30 2.96 -4.94	66.14 2.52 -5.11	65.50 2.43 -3.86	65.21 2.32 -3.48	66.71 2.41 -4.09	66.66 2.71 -5.06	74.54 3.70 -8.09	91.63 3.78 -26.81	79.40 4.79 -8.96	74.41 4.47 -8.71	74.58 4.34 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.05 4.55 -13.09	104.85 6.46 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	85.87 4.77 -6.50	80.38 4.28 -7.09	81.36 3.81 -6.99
HUDSON___115KV_TB 4 355613	85.71 3.20 -22.11	84.30 2.93 -22.86	79.57 3.08 -17.28	78.08 3.09 -15.58	81.62 3.13 -18.27	84.57 3.06 -22.61	102.18 3.26 -36.16	122.75 3.05 -58.66	108.59 3.48 -39.46	84.83 3.06 -20.55	85.44 3.00 -21.28	79.79 3.05 -15.65	73.38 2.92 -9.63	72.38 2.85 -8.82	75.48 2.98 -11.70	79.87 3.27 -14.96	94.00 3.26 -29.32	119.65 4.59 -30.11	146.44 5.28 -43.33	116.09 4.50 -24.99	103.35 4.17 -15.77	107.32 3.66 -29.07	104.18 3.45 -31.72	105.65 3.81 -31.28
HUNTER MOUNT___DRP 323613	82.42 3.20 -18.82	80.89 2.93 -19.45	77.00 3.08 -14.71	75.76 3.09 -13.26	78.90 3.13 -15.55	81.26 3.12 -19.24	96.98 3.45 -30.78	117.05 3.30 -52.72	102.87 3.61 -33.61	82.67 3.12 -18.33	83.15 3.00 -18.99	78.42 2.99 -14.34	72.34 2.86 -8.65	71.49 2.79 -7.99	74.98 2.92 -11.26	78.67 3.27 -13.76	91.08 3.38 -26.28	116.96 5.01 -26.99	140.69 5.67 -37.19	112.89 4.76 -21.53	102.19 4.50 -14.28	103.21 3.88 -24.74	99.66 3.66 -27.00	101.06 3.88 -26.62
HUNTINGTON_RES_REC 323705	87.26 4.53 -22.33	76.87 4.03 -14.32	70.07 3.97 -6.90	66.70 3.81 -3.48	70.14 3.97 -5.95	72.54 4.24 -9.40	118.79 5.33 -50.71	142.30 5.37 -75.89	142.50 6.44 -70.41	121.88 5.75 -54.90	113.65 5.57 -46.92	94.95 5.43 -28.42	71.37 5.41 -5.13	71.31 5.28 -5.33	92.27 5.35 -26.12	99.73 5.98 -32.11	121.94 5.84 -54.68	161.11 8.24 -67.92	163.77 9.30 -56.64	138.28 8.14 -43.55	133.46 7.67 -42.38	125.43 6.57 -44.27	115.04 5.94 -40.10	115.41 5.65 -39.20
HUNTLEY___63 23557	55.51 -4.89 0.00	53.77 -4.74 0.00	53.70 -5.51 0.00	54.12 -5.29 0.00	54.98 -5.24 0.00	54.01 -4.89 0.00	58.36 -4.39 0.00	57.87 -5.49 -2.32	60.76 -4.92 -0.03	57.36 -5.39 -1.53	57.39 -5.38 -1.60	57.02 -5.62 -1.55	55.04 -6.57 -0.77	54.74 -6.68 -0.72	55.69 -6.38 -1.28	58.79 -4.38 -1.52	58.84 -5.04 -2.45	80.51 -6.97 -2.52	90.78 -7.63 -0.58	79.58 -7.01 0.00	76.90 -6.51 0.00	69.45 -5.15 0.00	64.18 -4.83 0.00	67.38 -3.18 0.00
HUNTLEY___64 23558	55.51 -4.89 0.00	53.77 -4.74 0.00	53.70 -5.51 0.00	54.12 -5.29 0.00	54.98 -5.24 0.00	54.01 -4.89 0.00	58.36 -4.39 0.00	57.87 -5.49 -2.32	60.76 -4.92 -0.03	57.36 -5.39 -1.53	57.39 -5.38 -1.60	57.02 -5.62 -1.55	55.04 -6.57 -0.77	54.74 -6.68 -0.72	55.69 -6.38 -1.28	58.79 -4.38 -1.52	58.84 -5.04 -2.45	80.51 -6.97 -2.52	90.78 -7.63 -0.58	79.58 -7.01 0.00	76.90 -6.51 0.00	69.45 -5.15 0.00	64.18 -4.83 0.00	67.38 -3.18 0.00
HUNTLEY___65 23559	55.51 -4.89 0.00	53.77 -4.74 0.00	53.70 -5.51 0.00	54.12 -5.29 0.00	54.98 -5.24 0.00	54.01 -4.89 0.00	58.36 -4.39 0.00	57.87 -5.49 -2.32	60.76 -4.92 -0.03	57.36 -5.39 -1.53	57.39 -5.38 -1.60	57.02 -5.62 -1.55	55.04 -6.57 -0.77	54.74 -6.68 -0.72	55.69 -6.38 -1.28	58.79 -4.38 -1.52	58.84 -5.04 -2.45	80.51 -6.97 -2.52	90.78 -7.63 -0.58	79.58 -7.01 0.00	76.90 -6.51 0.00	69.45 -5.15 0.00	64.18 -4.83 0.00	67.38 -3.18 0.00
HUNTLEY___66 23560	55.51 -4.89 0.00	53.77 -4.74 0.00	53.70 -5.51 0.00	54.12 -5.29 0.00	54.98 -5.24 0.00	54.01 -4.89 0.00	58.36 -4.39 0.00	57.87 -5.49 -2.32	60.76 -4.92 -0.03	57.36 -5.39 -1.53	57.39 -5.38 -1.60	57.02 -5.62 -1.55	55.04 -6.57 -0.77	54.74 -6.68 -0.72	55.69 -6.38 -1.28	58.79 -4.38 -1.52	58.84 -5.04 -2.45	80.51 -6.97 -2.52	90.78 -7.63 -0.58	79.58 -7.01 0.00	76.90 -6.51 0.00	69.45 -5.15 0.00	64.18 -4.83 0.00	67.38 -3.18 0.00

HUNTLEY___67 23561	55.27 -5.13 0.00	53.54 -4.97 0.00	53.53 -5.68 0.00	53.94 -5.47 0.00	54.80 -5.42 0.00	53.83 -5.07 0.00	58.23 -4.52 0.00	57.54 -5.74 -2.24	60.56 -5.12 -0.03	57.21 -5.57 -1.55	57.29 -5.50 -1.63	56.80 -5.86 -1.58	55.04 -6.57 -0.78	54.68 -6.74 -0.72	55.58 -6.51 -1.29	58.76 -4.44 -1.55	58.88 -5.04 -2.49	80.55 -6.97 -2.56	90.69 -7.73 -0.59	79.58 -7.01 0.00	76.82 -6.59 0.00	69.30 -5.30 0.00	64.04 -4.97 0.00	67.17 -3.39 0.00
HUNTLEY___68 23562	55.27 -5.13 0.00	53.54 -4.97 0.00	53.53 -5.68 0.00	53.94 -5.47 0.00	54.80 -5.42 0.00	53.83 -5.07 0.00	58.23 -4.52 0.00	57.54 -5.74 -2.24	60.56 -5.12 -0.03	57.21 -5.57 -1.55	57.29 -5.50 -1.63	56.80 -5.86 -1.58	55.04 -6.57 -0.78	54.68 -6.74 -0.72	55.58 -6.51 -1.29	58.76 -4.44 -1.55	58.88 -5.04 -2.49	80.55 -6.97 -2.56	90.69 -7.73 -0.59	79.58 -7.01 0.00	76.82 -6.59 0.00	69.30 -5.30 0.00	64.04 -4.97 0.00	67.17 -3.39 0.00
HYLAND___LFGE 323620	59.80 -0.60 0.00	57.93 -0.59 0.00	57.73 -1.48 0.00	58.28 -1.13 0.00	59.25 -0.97 0.00	58.49 -0.41 0.00	63.82 1.07 0.00	68.82 0.61 -7.17	66.67 0.99 -0.04	62.50 -0.43 -1.71	62.16 -0.80 -1.79	61.41 -1.40 -1.72	59.73 -2.19 -1.08	59.81 -2.13 -1.23	60.83 -1.22 -1.25	64.08 0.74 -1.69	65.57 1.41 -2.74	87.68 -0.08 -2.81	98.97 0.49 -0.65	86.86 0.26 0.00	83.57 0.17 0.00	74.82 0.22 0.00	68.94 -0.07 0.00	71.19 0.63 0.00
INDECK___CORINTH 23802	119.66 5.32 -53.95	119.32 5.03 -55.77	106.40 5.03 -42.16	102.41 4.99 -38.01	109.97 5.18 -44.58	119.18 5.12 -55.16	156.75 5.77 -88.23	178.97 5.55 -112.38	167.92 6.30 -95.96	107.76 5.63 -40.91	108.91 5.51 -42.24	93.38 5.31 -26.98	84.57 5.23 -18.51	81.98 5.10 -16.18	80.13 5.11 -14.23	92.57 5.73 -25.19	124.04 5.71 -56.91	151.63 8.24 -58.44	209.67 9.59 -102.25	165.98 8.40 -70.98	161.79 8.18 -70.20	152.82 7.31 -70.91	153.09 6.69 -77.40	153.72 6.84 -76.32
INDECK___ILION 23567	61.12 0.72 0.00	59.16 0.64 0.00	59.86 0.65 0.00	60.12 0.71 0.00	60.94 0.72 0.00	59.72 0.82 0.00	63.82 1.07 0.00	62.01 0.98 0.00	66.83 1.18 0.00	62.20 0.98 0.00	62.02 0.86 0.00	62.00 0.92 0.00	61.68 0.85 0.00	61.43 0.73 0.00	61.53 0.73 0.00	62.57 0.92 0.00	62.40 0.98 0.00	86.48 1.53 0.00	99.69 1.86 0.00	88.41 1.82 0.00	85.24 1.83 0.00	76.24 1.64 0.00	70.66 1.66 0.00	72.32 1.76 0.00
INDECK___OLEAN 23982	58.70 -2.96 -1.26	56.83 -2.98 -1.30	56.58 -3.61 -0.98	56.85 -3.45 -0.89	57.89 -3.37 -1.04	57.18 -3.00 -1.28	62.61 -2.20 -2.05	60.00 -5.98 -4.94	65.10 -2.82 -2.27	59.23 -3.92 -1.92	57.66 -5.50 -2.00	56.66 -6.23 -1.81	59.31 -2.44 -0.91	55.73 -5.83 -0.85	55.31 -6.87 -1.38	61.69 -1.73 -1.77	62.20 -2.09 -2.87	84.41 -3.49 -2.94	96.71 -3.92 -2.80	84.79 -3.47 -1.66	81.63 -3.34 -1.57	73.53 -2.76 -1.69	68.30 -2.55 -1.85	70.89 -1.49 -1.82
INDECK___OSWEGO 23783	58.41 -1.99 0.00	56.52 -1.99 0.00	57.08 -2.13 0.00	57.33 -2.08 0.00	58.17 -2.05 0.00	57.13 -1.77 0.00	61.18 -1.57 0.00	64.03 1.04 -1.95	67.05 1.38 -0.02	62.16 0.92 -0.02	62.16 0.98 -0.02	62.22 0.79 -0.34	61.28 0.43 -0.02	61.10 0.31 -0.09	62.13 0.48 -0.85	63.32 1.30 -0.38	62.58 1.16 0.00	85.55 0.60 0.00	98.52 0.69 0.00	87.21 0.61 0.00	83.74 0.33 0.00	74.97 0.37 0.00	69.01 0.00 0.00	71.83 1.27 0.00
INDECK___YERKES 23781	55.51 -4.89 0.00	53.83 -4.68 0.00	53.76 -5.45 0.00	54.18 -5.23 0.00	55.04 -5.18 0.00	54.07 -4.83 0.00	58.42 -4.33 0.00	57.93 -5.43 -2.32	60.76 -4.92 -0.03	57.42 -5.33 -1.53	57.45 -5.32 -1.60	57.08 -5.56 -1.55	55.10 -6.51 -0.77	54.81 -6.62 -0.72	55.86 -6.20 -1.26	59.10 -4.07 -1.52	58.90 -4.97 -2.45	80.67 -6.80 -2.52	90.97 -7.44 -0.58	80.10 -6.50 0.00	77.24 -6.17 0.00	69.52 -5.08 0.00	64.45 -4.56 0.00	67.53 -3.03 0.00
INDIAN POINT_GT_1 24139	68.07 2.78 -4.89	65.91 2.34 -5.06	65.40 2.37 -3.82	65.11 2.26 -3.45	66.55 2.29 -4.04	66.49 2.59 -5.00	74.14 3.39 -8.00	90.93 3.36 -26.53	78.65 4.14 -8.86	73.64 3.80 -8.62	73.82 3.67 -8.99	73.16 3.67 -8.41	68.82 3.65 -4.34	68.54 3.52 -4.31	73.30 3.59 -8.91	74.01 4.07 -8.30	78.24 3.87 -12.95	103.86 5.61 -13.30	115.40 6.46 -11.11	98.49 5.46 -6.44	94.79 5.00 -6.38	85.43 4.40 -6.43	79.75 3.73 -7.02	80.80 3.32 -6.92
INDIAN POINT_GT_2 23659	68.07 2.78 -4.89	65.91 2.34 -5.06	65.40 2.37 -3.82	65.11 2.26 -3.45	66.55 2.29 -4.04	66.49 2.59 -5.00	74.14 3.39 -8.00	90.93 3.36 -26.53	78.65 4.14 -8.86	73.64 3.80 -8.62	73.82 3.67 -8.99	73.16 3.67 -8.41	68.82 3.65 -4.34	68.54 3.52 -4.31	73.30 3.59 -8.91	74.01 4.07 -8.30	78.24 3.87 -12.95	103.86 5.61 -13.30	115.40 6.46 -11.11	98.49 5.46 -6.44	94.79 5.00 -6.38	85.43 4.40 -6.43	79.75 3.73 -7.02	80.80 3.32 -6.92
INDIAN POINT_GT_3 24019	68.07 2.78 -4.89	65.91 2.34 -5.06	65.40 2.37 -3.82	65.11 2.26 -3.45	66.55 2.29 -4.04	66.49 2.59 -5.00	74.14 3.39 -8.00	90.93 3.36 -26.53	78.65 4.14 -8.86	73.64 3.80 -8.62	73.82 3.67 -8.99	73.16 3.67 -8.41	68.82 3.65 -4.34	68.54 3.52 -4.31	73.30 3.59 -8.91	74.01 4.07 -8.30	78.24 3.87 -12.95	103.86 5.61 -13.30	115.40 6.46 -11.11	98.49 5.46 -6.44	94.79 5.00 -6.38	85.43 4.40 -6.43	79.75 3.73 -7.02	80.80 3.32 -6.92
INDIAN POINT___2 23530	67.87 2.65 -4.82	65.77 2.28 -4.98	65.22 2.25 -3.76	64.94 2.14 -3.39	66.36 2.16 -3.98	66.29 2.47 -4.92	73.89 3.26 -7.88	90.43 3.23 -26.16	78.38 4.01 -8.72	73.34 3.61 -8.50	73.57 3.55 -8.86	72.86 3.48 -8.29	68.57 3.47 -4.28	68.35 3.40 -4.25	72.99 3.40 -8.79	73.71 3.89 -8.18	77.94 3.75 -12.77	103.42 5.36 -13.11	114.94 6.17 -10.94	98.00 5.20 -6.21	94.01 4.75 -5.85	84.80 3.88 -6.33	79.43 3.52 -6.91	80.55 3.18 -6.81
INDIAN POINT___3 23531	68.01 2.72 -4.90	65.86 2.28 -5.06	65.35 2.31 -3.83	65.06 2.20 -3.45	66.49 2.23 -4.05	66.44 2.53 -5.01	74.08 3.33 -8.01	90.89 3.30 -26.55	78.53 4.00 -8.87	73.53 3.67 -8.63	73.70 3.55 -8.99	73.04 3.54 -8.41	68.70 3.53 -4.34	68.48 3.46 -4.31	73.18 3.47 -8.91	73.89 3.95 -8.30	78.13 3.75 -12.96	103.62 5.35 -13.31	115.12 6.16 -11.13	98.33 5.28 -6.45	94.63 4.84 -6.39	85.06 4.03 -6.44	79.62 3.59 -7.03	80.73 3.25 -6.93
INGHAM_C_115KV_TB7 356103	61.37 0.97 0.00	59.39 0.88 0.00	60.16 0.95 0.00	60.36 0.95 0.00	61.30 1.08 0.00	60.02 1.12 0.00	64.13 1.38 0.00	62.32 1.28 0.00	67.16 1.51 0.00	62.51 1.29 0.00	62.33 1.16 0.00	62.25 1.16 0.00	61.99 1.16 0.00	61.56 0.85 0.00	61.65 0.85 0.00	62.69 1.05 0.00	62.59 1.17 0.00	86.82 1.87 0.00	100.28 2.45 0.00	89.02 2.42 0.00	85.91 2.50 0.00	76.98 2.39 0.00	71.63 2.62 0.00	73.45 2.89 0.00
IP CORINTH___1 23988	119.66 5.32 -53.95	119.32 5.03 -55.77	106.41 5.03 -42.16	102.41 4.99 -38.01	109.97 5.18 -44.58	119.18 5.12 -55.16	156.75 5.77 -88.23	178.97 5.55 -112.38	167.92 6.30 -95.96	107.77 5.63 -40.91	108.91 5.50 -42.24	93.39 5.31 -26.98	84.57 5.23 -18.51	81.98 5.10 -16.18	80.13 5.11 -14.23	92.51 5.67 -25.19	124.04 5.71 -56.91	151.63 8.24 -58.44	209.67 9.59 -102.25	165.98 8.40 -70.98	161.70 8.09 -70.20	152.82 7.31 -70.91	153.10 6.69 -77.40	153.79 6.91 -76.32

IP___TICONDEROGA 23804	121.71 7.91 -53.40	121.33 7.61 -55.21	108.53 7.58 -41.74	104.46 7.43 -37.63	112.11 7.77 -44.12	121.15 7.66 -54.60	158.56 8.47 -87.34	180.61 8.12 -111.45	169.77 9.13 -95.00	109.81 8.02 -40.56	110.82 7.77 -41.88	95.57 7.70 -26.79	86.67 7.48 -18.36	84.10 7.35 -16.05	82.34 7.36 -14.18	94.92 8.26 -25.02	126.28 8.41 -56.44	155.06 12.15 -57.95	213.35 14.28 -101.24	169.40 12.47 -70.33	165.29 12.18 -69.70	155.61 10.82 -70.20	155.56 9.94 -76.61	156.41 10.30 -75.55
ISLIP_RES_REC 323679	88.28 5.55 -22.33	77.93 5.09 -14.32	71.08 4.97 -6.90	67.65 4.75 -3.48	71.23 5.06 -5.95	73.54 5.24 -9.40	119.99 6.53 -50.71	143.52 6.59 -75.89	143.81 7.74 -70.41	122.98 6.86 -54.90	114.69 6.61 -46.92	95.92 6.41 -28.42	72.29 6.33 -5.13	72.29 6.25 -5.33	93.24 6.32 -26.12	100.60 6.84 -32.11	122.92 6.82 -54.68	163.06 10.19 -67.92	166.01 11.54 -56.64	139.84 9.70 -43.55	134.80 9.01 -42.38	126.55 7.69 -44.27	116.08 6.97 -40.10	116.54 6.77 -39.20
JAMAICA__27_KV_LOAD 355505	68.42 3.08 -4.94	66.20 2.57 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.71 2.41 -4.09	66.78 2.83 -5.06	74.73 3.89 -8.09	91.88 4.03 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.89 4.65 -9.08	74.41 4.83 -8.49	70.02 4.81 -4.38	69.73 4.67 -4.35	74.54 4.74 -9.00	75.39 5.36 -8.38	79.42 4.91 -13.09	105.44 7.05 -13.44	117.28 8.22 -11.23	100.03 6.93 -6.51	96.20 6.34 -6.46	86.32 5.22 -6.50	80.72 4.62 -7.09	81.57 4.02 -6.99
JANIS___SOLAR 323808	65.03 1.99 -2.64	63.00 1.75 -2.73	62.87 1.60 -2.06	62.93 1.66 -1.86	64.27 1.87 -2.18	63.95 2.36 -2.70	70.45 3.39 -4.31	74.01 3.05 -9.92	73.93 3.54 -4.73	67.10 2.45 -3.42	66.80 2.08 -3.56	65.69 1.65 -2.95	63.97 1.46 -1.68	63.35 1.03 -1.61	65.74 1.40 -3.54	67.47 2.96 -2.86	69.84 3.38 -5.04	95.92 5.78 -5.18	110.41 7.05 -5.53	96.40 6.41 -3.40	92.54 5.92 -3.21	83.14 5.08 -3.47	77.07 4.28 -3.78	79.02 4.73 -3.73
JARVIS____ 23743	60.94 0.54 0.00	58.98 0.47 0.00	59.68 0.47 0.00	59.88 0.47 0.00	60.70 0.48 0.00	59.43 0.53 0.00	63.51 0.76 0.00	61.71 0.67 0.00	66.50 0.85 0.00	61.96 0.74 0.00	61.84 0.67 0.00	61.76 0.67 0.00	61.50 0.67 0.00	61.31 0.61 0.00	61.41 0.61 0.00	62.39 0.74 0.00	62.16 0.74 0.00	86.06 1.10 0.00	99.10 1.27 0.00	87.72 1.12 0.00	84.41 1.00 0.00	75.49 0.90 0.00	69.84 0.83 0.00	71.34 0.78 0.00
JENNISON___1 23625	66.92 2.30 -4.23	64.93 2.05 -4.37	64.41 1.89 -3.30	64.35 1.96 -2.98	65.82 2.11 -3.49	65.69 2.47 -4.32	73.18 3.51 -6.91	77.95 3.11 -13.80	76.96 3.74 -7.57	69.07 2.82 -5.03	68.90 2.51 -5.23	67.29 2.08 -4.13	65.40 2.13 -2.44	64.63 1.64 -2.28	66.29 1.88 -3.60	68.83 3.21 -3.98	72.42 3.62 -7.38	98.65 6.12 -7.57	114.07 7.53 -8.70	98.80 6.75 -5.45	94.97 6.42 -5.14	85.67 5.52 -5.56	79.83 4.76 -6.06	81.83 5.29 -5.98
JENNISON___2 23626	66.92 2.30 -4.23	64.93 2.05 -4.37	64.41 1.89 -3.30	64.35 1.96 -2.98	65.82 2.11 -3.49	65.69 2.47 -4.32	73.18 3.51 -6.91	77.95 3.11 -13.80	76.96 3.74 -7.57	69.07 2.82 -5.03	68.90 2.51 -5.23	67.29 2.08 -4.13	65.40 2.13 -2.44	64.63 1.64 -2.28	66.29 1.88 -3.60	68.83 3.21 -3.98	72.42 3.62 -7.38	98.65 6.12 -7.57	114.07 7.53 -8.70	98.80 6.75 -5.45	94.97 6.42 -5.14	85.67 5.52 -5.56	79.83 4.76 -6.06	81.83 5.29 -5.98
JERICHO_RISE_WT_PWR 323719	58.59 -1.81 0.00	57.05 -1.46 0.00	57.85 -1.36 0.00	57.98 -1.43 0.00	58.72 -1.50 0.00	57.13 -1.77 0.00	59.99 -2.76 0.00	58.66 -2.38 0.00	62.30 -3.35 0.00	58.35 -2.88 0.00	58.29 -2.87 0.00	58.34 -2.75 0.00	58.28 -2.55 0.00	58.40 -2.31 0.00	58.19 -2.61 0.00	57.95 -3.70 0.00	58.35 -3.07 0.00	80.63 -4.33 0.00	93.14 -4.69 0.00	82.79 -3.81 0.00	80.66 -2.75 0.00	72.81 -1.79 0.00	67.90 -1.11 0.00	69.92 -0.64 0.00
KATONAH___115KV_46KV_TB4 355592	69.00 3.56 -5.04	66.82 3.10 -5.21	66.35 3.20 -3.94	65.99 3.03 -3.55	67.51 3.13 -4.16	67.46 3.42 -5.15	75.32 4.33 -8.24	92.51 4.27 -27.20	79.96 5.19 -9.12	74.72 4.65 -8.84	74.96 4.59 -9.21	74.15 4.46 -8.61	69.72 4.44 -4.44	69.43 4.31 -4.41	74.23 4.32 -9.11	75.07 4.93 -8.50	79.18 4.48 -13.27	105.13 6.54 -13.63	116.79 7.53 -11.43	99.63 6.41 -6.63	95.90 5.92 -6.57	86.21 5.00 -6.62	80.71 4.49 -7.22	81.84 4.16 -7.12
KCE_NY_1 323755	117.32 4.29 -52.63	116.96 4.03 -54.41	104.43 4.08 -41.14	100.54 4.04 -37.09	107.86 4.15 -43.49	116.83 4.12 -53.81	153.54 4.71 -86.08	175.64 4.45 -110.15	164.41 5.12 -93.63	105.89 4.59 -40.07	107.01 4.46 -41.38	92.00 4.40 -26.52	83.29 4.32 -18.14	80.83 4.25 -15.88	79.23 4.32 -14.12	91.28 4.87 -24.77	121.99 4.79 -55.78	149.11 6.88 -57.27	205.57 7.92 -99.82	163.02 7.01 -69.42	159.08 6.68 -69.00	149.67 5.89 -69.18	149.97 5.45 -75.51	150.52 5.51 -74.46
KCE_NY_6_ESR 323823	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.40 -4.82 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	57.88 -5.43 0.00	61.29 -4.40 -2.27	57.88 -4.96 -1.61	57.60 -5.26 -1.69	57.10 -5.62 -1.63	56.17 -5.47 -0.81	55.19 -6.25 -0.74	55.97 -6.14 -1.31	59.98 -3.27 -1.61	60.02 -3.99 -2.59	82.35 -5.27 -2.66	92.77 -5.68 -0.61	81.66 -4.93 0.00	78.74 -4.67 0.00	70.79 -3.80 0.00	65.56 -3.45 0.00	68.51 -2.05 0.00
KEDC_PORT_JEFF_GT2 24210	87.92 5.20 -22.33	77.58 4.74 -14.32	70.73 4.62 -6.90	67.35 4.46 -3.48	70.87 4.70 -5.95	73.18 4.89 -9.40	119.55 6.08 -50.71	143.09 6.16 -75.89	143.35 7.29 -70.41	122.61 6.49 -54.90	114.26 6.17 -46.92	95.56 6.05 -28.42	71.99 6.02 -5.13	71.92 5.89 -5.33	92.88 5.96 -26.12	100.23 6.47 -32.11	122.49 6.39 -54.68	162.39 9.51 -67.92	165.14 10.67 -56.64	139.23 9.09 -43.55	134.13 8.34 -42.38	126.10 7.23 -44.27	115.59 6.48 -40.10	116.11 6.35 -39.20
KEDC_PORT_JEFF_GT3 24211	87.92 5.20 -22.33	77.58 4.74 -14.32	70.73 4.62 -6.90	67.35 4.46 -3.48	70.87 4.70 -5.95	73.18 4.89 -9.40	119.55 6.08 -50.71	143.09 6.16 -75.89	143.35 7.29 -70.41	122.61 6.49 -54.90	114.26 6.17 -46.92	95.56 6.05 -28.42	71.99 6.02 -5.13	71.92 5.89 -5.33	92.88 5.96 -26.12	100.23 6.47 -32.11	122.49 6.39 -54.68	162.39 9.51 -67.92	165.14 10.67 -56.64	139.23 9.09 -43.55	134.13 8.34 -42.38	126.10 7.23 -44.27	115.59 6.48 -40.10	116.11 6.35 -39.20
KEDC_GLWD_GT4 24219	86.89 4.16 -22.33	76.53 3.69 -14.32	69.78 3.67 -6.90	66.40 3.50 -3.48	69.84 3.67 -5.95	72.24 3.95 -9.40	118.10 4.64 -50.71	141.56 4.64 -75.89	141.64 5.58 -70.41	121.27 5.14 -54.90	113.15 5.07 -46.92	94.52 5.01 -28.42	70.95 4.99 -5.13	70.89 4.86 -5.33	91.84 4.92 -26.12	99.24 5.48 -32.11	121.39 5.28 -54.68	160.52 7.65 -67.92	163.18 8.70 -56.64	137.59 7.45 -43.55	132.71 6.92 -42.38	124.69 5.82 -44.27	114.35 5.24 -40.10	114.63 4.86 -39.20
KEDC_GLWD_GT5 24220	86.89 4.16 -22.33	76.53 3.69 -14.32	69.78 3.67 -6.90	66.40 3.50 -3.48	69.84 3.67 -5.95	72.24 3.95 -9.40	118.10 4.64 -50.71	141.56 4.64 -75.89	141.64 5.58 -70.41	121.27 5.14 -54.90	113.15 5.07 -46.92	94.52 5.01 -28.42	70.95 4.99 -5.13	70.89 4.86 -5.33	91.84 4.92 -26.12	99.24 5.48 -32.11	121.39 5.28 -54.68	160.52 7.65 -67.92	163.18 8.70 -56.64	137.59 7.45 -43.55	132.71 6.92 -42.38	124.69 5.82 -44.27	114.35 5.24 -40.10	114.63 4.86 -39.20

KENSICO____ 23655	68.35 3.02 -4.93	66.19 2.57 -5.10	65.61 2.55 -3.85	65.32 2.44 -3.47	66.82 2.53 -4.07	66.77 2.83 -5.04	74.45 3.64 -8.06	91.38 3.60 -26.74	79.05 4.46 -8.93	74.01 4.10 -8.69	74.19 3.98 -9.05	73.53 3.97 -8.47	69.16 3.95 -4.37	68.87 3.82 -4.34	73.67 3.89 -8.98	74.38 4.38 -8.36	78.71 4.24 -13.05	104.39 6.03 -13.40	115.98 6.95 -11.20	98.98 5.89 -6.49	95.18 5.34 -6.44	85.55 4.48 -6.48	80.08 4.00 -7.07	81.20 3.67 -6.98
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	69.75 3.32 -6.03	67.55 2.81 -6.23	66.76 2.84 -4.71	66.39 2.73 -4.25	68.09 2.89 -4.98	68.30 3.24 -6.16	76.81 4.20 -9.86	93.02 4.15 -27.83	81.31 4.79 -10.87	74.55 4.16 -9.17	74.56 3.85 -9.54	73.40 3.73 -8.59	69.04 3.65 -4.55	68.69 3.52 -4.46	73.16 3.65 -8.71	74.39 4.32 -8.44	79.49 4.42 -13.64	105.76 6.80 -14.01	118.80 7.83 -13.14	100.82 6.67 -7.56	96.16 6.09 -6.66	87.59 5.07 -7.92	82.27 4.62 -8.64	83.39 4.30 -8.52
KIAC_JFK_GT1 23816	67.82 2.48 -4.94	65.61 1.99 -5.11	64.97 1.89 -3.86	64.67 1.78 -3.48	66.17 1.87 -4.09	66.19 2.24 -5.06	74.10 3.26 -8.09	91.27 3.42 -26.81	79.01 4.40 -8.96	74.10 4.16 -8.71	74.28 4.04 -9.08	73.98 4.40 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.18 4.38 -9.00	74.96 4.93 -8.38	78.80 4.30 -13.09	104.51 6.12 -13.44	116.21 7.14 -11.23	99.08 5.98 -6.51	95.37 5.50 -6.46	85.57 4.48 -6.50	79.96 3.86 -7.09	80.87 3.32 -6.99
KIAC_JFK_GT2 23817	67.82 2.48 -4.94	65.61 1.99 -5.11	64.97 1.89 -3.86	64.67 1.78 -3.48	66.17 1.87 -4.09	66.19 2.24 -5.06	74.10 3.26 -8.09	91.27 3.42 -26.81	79.01 4.40 -8.96	74.10 4.16 -8.71	74.28 4.04 -9.08	73.98 4.40 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.18 4.38 -9.00	74.96 4.93 -8.38	78.80 4.30 -13.09	104.51 6.12 -13.44	116.21 7.14 -11.23	99.08 5.98 -6.51	95.37 5.50 -6.46	85.57 4.48 -6.50	79.96 3.86 -7.09	80.87 3.32 -6.99
KIAC_JFK____ 323774	67.82 2.48 -4.94	65.62 1.99 -5.11	64.97 1.89 -3.86	64.67 1.78 -3.48	66.17 1.87 -4.09	66.19 2.24 -5.06	74.10 3.26 -8.09	91.26 3.42 -26.81	79.01 4.40 -8.96	74.10 4.17 -8.71	74.28 4.04 -9.08	73.98 4.40 -8.49	69.65 4.44 -4.38	69.43 4.37 -4.35	74.18 4.38 -9.00	74.96 4.93 -8.38	78.80 4.30 -13.09	104.59 6.20 -13.44	116.20 7.14 -11.23	99.08 5.97 -6.51	95.37 5.50 -6.46	85.57 4.48 -6.50	79.96 3.86 -7.09	80.80 3.25 -6.99
KINTIGH____ 23543	55.39 -5.01 0.00	53.77 -4.74 0.00	53.82 -5.39 0.00	54.24 -5.17 0.00	55.10 -5.12 0.00	54.13 -4.77 0.00	58.42 -4.33 0.00	58.97 -4.46 -2.38	61.08 -4.60 -0.03	57.57 -5.02 -1.36	58.19 -4.40 -1.43	57.89 -4.58 -1.39	54.97 -6.57 -0.70	55.54 -5.83 -0.67	56.75 -5.23 -1.18	58.82 -4.19 -1.37	58.63 -4.98 -2.19	80.32 -6.88 -2.25	90.52 -7.83 -0.52	79.49 -7.10 0.00	76.73 -6.67 0.00	69.08 -5.52 0.00	63.76 -5.24 0.00	66.68 -3.88 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	59.61 -0.79 0.00	57.99 -0.53 0.00	58.80 -0.41 0.00	58.93 -0.48 0.00	59.68 -0.54 0.00	58.13 -0.77 0.00	61.06 -1.69 0.00	59.70 -1.34 0.00	63.42 -2.23 0.00	59.26 -1.96 0.00	59.21 -1.96 0.00	59.19 -1.89 0.00	59.13 -1.70 0.00	59.19 -1.52 0.00	59.04 -1.76 0.00	58.99 -2.65 0.00	59.45 -1.97 0.00	82.07 -2.89 0.00	94.80 -3.03 0.00	84.34 -2.25 0.00	82.24 -1.17 0.00	74.30 -0.30 0.00	69.35 0.35 0.00	71.62 1.06 0.00
LACHUTE__HYDRO 323717	121.71 7.91 -53.40	121.33 7.60 -55.21	108.53 7.58 -41.74	104.46 7.43 -37.63	112.12 7.77 -44.12	121.15 7.65 -54.60	158.55 8.47 -87.34	180.61 8.12 -111.45	169.77 9.12 -95.00	109.81 8.02 -40.56	110.82 7.77 -41.88	95.57 7.70 -26.79	86.67 7.48 -18.36	84.10 7.34 -16.05	82.33 7.35 -14.18	95.04 8.38 -25.02	126.28 8.42 -56.44	155.06 12.15 -57.95	213.35 14.28 -101.24	169.48 12.55 -70.33	165.29 12.18 -69.70	155.60 10.81 -70.19	155.56 9.94 -76.61	156.41 10.30 -75.54
LAWRNCV_115KV_TB1 80681	60.22 -0.18 0.00	58.57 0.06 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.60 -0.29 0.00	61.87 -0.88 0.00	60.43 -0.61 0.00	64.27 -1.38 0.00	60.06 -1.16 0.00	60.00 -1.16 0.00	60.05 -1.04 0.00	60.04 -0.79 0.00	60.10 -0.61 0.00	59.83 -0.97 0.00	59.43 -2.22 0.00	59.52 -1.90 0.00	82.15 -2.80 0.00	94.80 -3.03 0.00	84.08 -2.51 0.00	81.82 -1.58 0.00	73.93 -0.67 0.00	68.94 -0.07 0.00	70.63 0.07 0.00
LEDERLE____ 23769	67.92 2.78 -4.74	65.76 2.34 -4.90	65.23 2.31 -3.71	64.95 2.20 -3.34	66.43 2.29 -3.92	66.34 2.59 -4.85	73.89 3.39 -7.76	90.18 3.36 -25.79	78.25 4.00 -8.59	73.28 3.67 -8.38	73.44 3.55 -8.73	72.74 3.48 -8.17	68.51 3.47 -4.22	68.29 3.40 -4.19	72.87 3.40 -8.66	73.60 3.88 -8.07	77.76 3.75 -12.59	103.32 5.44 -12.93	114.88 6.26 -10.78	97.99 5.28 -6.11	94.01 4.84 -5.77	84.78 3.95 -6.23	79.40 3.59 -6.80	80.44 3.18 -6.71
LIGHTHSE_115KV_TB6 355974	59.61 -0.79 0.00	57.64 -0.88 0.00	58.20 -1.01 0.00	58.46 -0.95 0.00	59.38 -0.84 0.00	58.25 -0.65 0.00	62.44 -0.31 0.00	63.69 0.92 -1.74	66.85 1.18 -0.02	61.91 0.67 -0.02	61.98 0.80 -0.02	62.00 0.61 -0.30	61.09 0.24 -0.02	60.91 0.12 -0.08	61.86 0.30 -0.75	63.03 1.05 -0.34	62.34 0.92 0.00	86.65 1.70 0.00	100.28 2.45 0.00	88.67 2.08 0.00	85.32 1.92 0.00	76.24 1.64 0.00	70.25 1.24 0.00	71.97 1.41 0.00
LINDEN COGEN____ 23786	68.12 2.78 -4.94	65.90 2.28 -5.10	65.32 2.25 -3.86	65.02 2.14 -3.48	66.46 2.16 -4.08	66.42 2.47 -5.05	74.21 3.39 -8.08	91.26 3.42 -26.80	79.00 4.40 -8.95	74.03 4.10 -8.70	74.22 3.97 -9.08	73.55 3.97 -8.49	69.16 3.95 -4.38	68.95 3.89 -4.35	73.75 3.95 -9.00	74.47 4.44 -8.38	76.56 4.18 -10.96	83.42 5.94 7.48	88.54 6.85 16.14	76.59 5.80 15.81	77.38 5.26 11.28	83.56 4.32 -4.64	80.02 3.93 -7.08	81.00 3.46 -6.99
LINDHRST_69_KV_BK1 356055	87.74 5.01 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.17 4.28 -3.48	70.63 4.46 -5.95	73.01 4.71 -9.40	119.36 5.90 -50.71	142.79 5.86 -75.89	143.02 6.96 -70.41	122.37 6.24 -54.90	114.14 6.06 -46.92	95.44 5.93 -28.42	71.86 5.90 -5.13	71.80 5.77 -5.33	92.75 5.84 -26.12	100.23 6.47 -32.11	122.49 6.39 -54.68	162.22 9.35 -67.92	165.24 10.76 -56.64	139.32 9.18 -43.55	134.30 8.51 -42.38	126.10 7.24 -44.27	115.60 6.49 -40.10	115.97 6.21 -39.20
LIPA_MISC_IPP 23656	87.74 5.01 -22.33	77.46 4.62 -14.32	70.67 4.56 -6.90	67.23 4.34 -3.48	70.75 4.58 -5.95	73.01 4.71 -9.40	119.42 5.96 -50.71	142.91 5.98 -75.89	143.15 7.09 -70.41	122.37 6.24 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.74 5.78 -5.13	71.68 5.65 -5.33	92.57 5.65 -26.12	99.80 6.04 -32.11	122.06 5.96 -54.68	161.88 9.01 -67.92	164.45 9.98 -56.64	138.46 8.31 -43.55	133.46 7.67 -42.38	125.50 6.64 -44.27	115.18 6.07 -40.10	115.76 6.00 -39.20
LISF__SOLAR 323691	87.92 5.20 -22.33	77.58 4.74 -14.32	70.78 4.68 -6.90	67.35 4.46 -3.48	70.87 4.70 -5.95	73.13 4.83 -9.40	119.55 6.08 -50.71	143.09 6.16 -75.89	143.29 7.22 -70.41	122.49 6.37 -54.90	114.14 6.06 -46.92	95.38 5.87 -28.42	71.80 5.84 -5.13	71.74 5.70 -5.33	92.69 5.78 -26.12	99.92 6.16 -32.11	122.18 6.08 -54.68	162.14 9.26 -67.92	164.65 10.17 -56.64	138.72 8.57 -43.55	133.63 7.84 -42.38	125.65 6.79 -44.27	115.32 6.21 -40.10	115.90 6.14 -39.20

LITTLE FALLS___HYD 24013	61.37 0.97 0.00	59.39 0.88 0.00	60.16 0.95 0.00	60.36 0.95 0.00	61.30 1.08 0.00	60.02 1.12 0.00	64.13 1.38 0.00	62.32 1.28 0.00	67.16 1.51 0.00	62.51 1.29 0.00	62.33 1.16 0.00	62.25 1.16 0.00	61.99 1.16 0.00	61.56 0.85 0.00	61.65 0.85 0.00	62.69 1.05 0.00	62.59 1.17 0.00	86.82 1.87 0.00	100.28 2.45 0.00	89.02 2.42 0.00	85.91 2.50 0.00	76.98 2.39 0.00	71.63 2.62 0.00	73.45 2.89 0.00
LITTLRIV_115KV_TB1 356100	60.94 0.54 0.00	59.33 0.82 0.00	60.10 0.89 0.00	60.24 0.83 0.00	61.00 0.78 0.00	59.37 0.47 0.00	62.62 -0.13 0.00	61.54 0.18 -0.31	65.00 -0.66 0.00	60.68 -0.55 0.00	60.56 -0.61 0.00	60.59 -0.55 -0.05	60.59 -0.24 0.00	60.66 -0.06 -0.02	60.57 -0.36 -0.14	60.10 -1.60 -0.06	60.19 -1.23 0.00	83.17 -1.78 0.00	96.07 -1.76 0.00	85.21 -1.39 0.00	82.82 -0.58 0.00	74.89 0.30 0.00	69.77 0.76 0.00	71.55 0.99 0.00
LI_NEWBRDGE___DRP 323616	86.53 3.81 -22.33	76.17 3.34 -14.32	69.42 3.32 -6.90	66.04 3.15 -3.48	69.42 3.25 -5.95	71.83 3.53 -9.40	117.92 4.46 -50.71	141.38 4.46 -75.89	141.45 5.38 -70.41	121.08 4.96 -54.90	112.91 4.83 -46.92	94.28 4.76 -28.42	70.71 4.74 -5.13	70.65 4.61 -5.33	91.60 4.68 -26.12	99.00 5.24 -32.11	121.14 5.04 -54.68	160.01 7.14 -67.92	162.69 8.22 -56.64	137.16 7.01 -43.55	132.29 6.51 -42.38	124.38 5.52 -44.27	114.08 4.97 -40.10	114.42 4.66 -39.20
LOCKPORT_115KV_TB60_63_64 80432	55.02 -5.38 0.00	53.36 -5.15 0.00	53.23 -5.98 0.00	53.71 -5.70 0.00	54.56 -5.66 0.00	53.60 -5.30 0.00	58.04 -4.71 0.00	57.77 -5.62 -2.35	60.43 -5.25 -0.03	56.94 -5.76 -1.47	57.08 -5.63 -1.54	56.72 -5.86 -1.49	54.53 -7.06 -0.75	54.48 -6.92 -0.70	55.47 -6.57 -1.24	58.37 -4.75 -1.47	58.31 -5.47 -2.36	79.82 -7.56 -2.42	90.07 -8.32 -0.56	78.97 -7.62 0.00	76.32 -7.09 0.00	68.85 -5.74 0.00	63.62 -5.38 0.00	66.89 -3.67 0.00
LOCKPORT___CC1 323769	54.96 -5.44 0.00	53.36 -5.15 0.00	53.23 -5.98 0.00	53.65 -5.76 0.00	54.56 -5.66 0.00	53.60 -5.30 0.00	58.04 -4.71 0.00	57.68 -5.67 -2.31	60.23 -5.45 -0.03	56.95 -5.76 -1.48	57.03 -5.69 -1.55	56.73 -5.86 -1.50	54.53 -7.06 -0.75	54.43 -6.98 -0.70	55.59 -6.45 -1.24	58.56 -4.56 -1.48	58.33 -5.47 -2.38	79.92 -7.48 -2.44	90.18 -8.22 -0.56	79.32 -7.27 0.00	76.57 -6.84 0.00	68.92 -5.67 0.00	63.83 -5.18 0.00	66.89 -3.67 0.00
LOCKPORT___CC2 323770	54.96 -5.44 0.00	53.36 -5.15 0.00	53.23 -5.98 0.00	53.65 -5.76 0.00	54.56 -5.66 0.00	53.60 -5.30 0.00	58.04 -4.71 0.00	57.68 -5.67 -2.31	60.23 -5.45 -0.03	56.95 -5.76 -1.48	57.03 -5.69 -1.55	56.73 -5.86 -1.50	54.53 -7.06 -0.75	54.43 -6.98 -0.70	55.59 -6.45 -1.24	58.56 -4.56 -1.48	58.33 -5.47 -2.38	79.92 -7.48 -2.44	90.18 -8.22 -0.56	79.32 -7.27 0.00	76.57 -6.84 0.00	68.92 -5.67 0.00	63.83 -5.18 0.00	66.89 -3.67 0.00
LOCKPORT___CC3 323771	54.96 -5.44 0.00	53.36 -5.15 0.00	53.23 -5.98 0.00	53.65 -5.76 0.00	54.56 -5.66 0.00	53.60 -5.30 0.00	58.04 -4.71 0.00	57.68 -5.67 -2.31	60.23 -5.45 -0.03	56.95 -5.76 -1.48	57.03 -5.69 -1.55	56.73 -5.86 -1.50	54.53 -7.06 -0.75	54.43 -6.98 -0.70	55.59 -6.45 -1.24	58.56 -4.56 -1.48	58.33 -5.47 -2.38	79.92 -7.48 -2.44	90.18 -8.22 -0.56	79.32 -7.27 0.00	76.57 -6.84 0.00	68.92 -5.67 0.00	63.83 -5.18 0.00	66.89 -3.67 0.00
LONG_LAKE_PHOENIX 24014	58.71 -1.69 0.00	56.82 -1.70 0.00	57.38 -1.84 0.00	57.63 -1.78 0.00	58.47 -1.75 0.00	57.43 -1.47 0.00	61.56 -1.19 0.00	63.63 0.61 -1.98	66.59 0.92 -0.02	61.73 0.49 -0.02	61.73 0.55 -0.02	61.80 0.37 -0.34	60.85 0.00 -0.02	60.68 -0.12 -0.09	61.72 0.06 -0.86	62.89 0.86 -0.39	62.16 0.74 0.00	86.31 1.36 0.00	99.50 1.66 0.00	88.07 1.47 0.00	84.57 1.17 0.00	75.49 0.90 0.00	69.63 0.62 0.00	71.26 0.71 0.00
LOVETT___3 23632	67.64 2.48 -4.76	65.48 2.05 -4.92	65.01 2.07 -3.72	64.72 1.96 -3.36	66.14 1.99 -3.93	66.06 2.30 -4.87	73.61 3.07 -7.79	89.91 2.99 -25.88	77.89 3.61 -8.63	72.94 3.31 -8.41	73.11 3.18 -8.77	72.41 3.12 -8.20	68.23 3.16 -4.23	68.01 3.10 -4.20	72.60 3.10 -8.70	73.26 3.51 -8.10	77.43 3.38 -12.64	102.77 4.84 -12.98	114.23 5.58 -10.83	97.49 4.76 -6.14	93.53 4.34 -5.79	84.36 3.51 -6.26	79.01 3.17 -6.83	80.05 2.75 -6.74
LOVETT___4 23642	67.64 2.48 -4.76	65.48 2.05 -4.92	65.01 2.07 -3.72	64.72 1.96 -3.36	66.14 1.99 -3.93	66.06 2.30 -4.87	73.61 3.07 -7.79	89.91 2.99 -25.88	77.89 3.61 -8.63	72.94 3.31 -8.41	73.11 3.18 -8.77	72.41 3.12 -8.20	68.23 3.16 -4.23	68.01 3.10 -4.20	72.60 3.10 -8.70	73.26 3.51 -8.10	77.43 3.38 -12.64	102.77 4.84 -12.98	114.23 5.58 -10.83	97.49 4.76 -6.14	93.53 4.34 -5.79	84.36 3.51 -6.26	79.01 3.17 -6.83	80.05 2.75 -6.74
LOVETT___5 23593	67.64 2.48 -4.76	65.48 2.05 -4.92	65.01 2.07 -3.72	64.72 1.96 -3.36	66.14 1.99 -3.93	66.06 2.30 -4.87	73.61 3.07 -7.79	89.91 2.99 -25.88	77.89 3.61 -8.63	72.94 3.31 -8.41	73.11 3.18 -8.77	72.41 3.12 -8.20	68.23 3.16 -4.23	68.01 3.10 -4.20	72.60 3.10 -8.70	73.26 3.51 -8.10	77.43 3.38 -12.64	102.77 4.84 -12.98	114.23 5.58 -10.83	97.49 4.76 -6.14	93.53 4.34 -5.79	84.36 3.51 -6.26	79.01 3.17 -6.83	80.05 2.75 -6.74
LOWER RAQUET___HYD 24057	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.23 0.00	61.87 -0.88 0.00	60.82 -0.55 -0.33	64.27 -1.38 0.00	60.06 -1.17 0.00	60.07 -1.10 0.00	60.11 -1.04 -0.06	60.04 -0.79 0.00	60.11 -0.61 -0.02	59.91 -1.03 -0.14	59.37 -2.34 -0.06	59.39 -2.03 0.00	81.98 -2.98 0.00	94.80 -3.03 0.00	84.00 -2.60 0.00	81.74 -1.67 0.00	74.00 -0.60 0.00	69.08 0.07 0.00	70.84 0.28 0.00
LOWER___HUDSON 24059	107.31 3.38 -43.53	106.62 3.10 -45.01	96.37 3.14 -34.02	93.23 3.15 -30.67	99.38 3.19 -35.97	106.65 3.24 -44.51	137.71 3.76 -71.20	159.39 3.60 -94.75	147.33 4.21 -77.48	99.29 3.80 -34.27	100.36 3.79 -35.41	88.16 3.79 -23.28	80.16 3.71 -15.61	78.06 3.58 -13.78	77.83 3.65 -13.38	87.56 4.07 -21.84	113.27 3.93 -47.92	139.68 5.52 -49.20	187.08 6.27 -82.98	150.68 5.55 -58.54	149.30 5.26 -60.63	136.37 4.55 -57.22	135.67 4.21 -62.46	136.31 4.16 -61.58
LOWVILLE_115KV_TB2 356335	61.19 0.79 0.00	59.22 0.70 0.00	59.86 0.65 0.00	60.12 0.71 0.00	61.06 0.84 0.00	59.90 1.00 0.00	64.19 1.44 0.00	63.74 1.89 -0.81	67.56 1.90 -0.01	62.58 1.35 -0.01	62.33 1.16 -0.01	62.33 1.10 -0.14	61.87 1.03 -0.01	61.66 0.91 -0.04	62.12 0.97 -0.35	63.04 1.23 -0.16	62.89 1.47 0.00	87.59 2.63 0.00	102.43 4.60 0.00	90.67 4.07 0.00	87.41 4.00 0.00	78.03 3.43 0.00	71.97 2.97 0.00	73.73 3.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	117.26 4.23 -52.63	116.97 4.04 -54.41	104.37 4.03 -41.14	100.47 3.98 -37.09	107.80 4.09 -43.49	116.78 4.06 -53.81	153.47 4.64 -86.08	175.64 4.46 -110.15	164.34 5.06 -93.63	105.83 4.53 -40.07	107.01 4.46 -41.38	92.00 4.40 -26.52	83.29 4.32 -18.14	80.77 4.19 -15.88	79.17 4.26 -14.12	91.16 4.75 -24.77	121.93 4.73 -55.78	149.02 6.80 -57.27	205.47 7.83 -99.82	162.94 6.93 -69.42	159.00 6.59 -69.00	149.60 5.82 -69.18	149.90 5.38 -75.51	150.45 5.43 -74.46

LUTHERNY_35_KV_BK2 355980	117.32 4.29 -52.63	116.97 4.04 -54.41	104.43 4.09 -41.14	100.53 4.04 -37.09	107.86 4.16 -43.49	116.84 4.12 -53.81	153.54 4.71 -86.08	175.64 4.46 -110.15	164.40 5.12 -93.63	105.89 4.59 -40.07	107.01 4.46 -41.38	92.00 4.40 -26.52	83.29 4.32 -18.14	80.83 4.25 -15.88	79.17 4.26 -14.12	91.22 4.81 -24.77	121.99 4.79 -55.78	149.11 6.88 -57.27	205.57 7.92 -99.82	163.03 7.01 -69.42	159.08 6.67 -69.00	149.67 5.89 -69.18	149.97 5.45 -75.51	150.52 5.50 -74.46
LWR___OSWEGATCHIE_HYD 23850	60.46 0.06 0.00	58.69 0.18 0.00	59.39 0.18 0.00	59.65 0.24 0.00	60.46 0.24 0.00	59.07 0.18 0.00	62.87 0.13 0.00	62.20 0.55 -0.61	65.85 0.20 -0.01	61.23 0.00 -0.01	61.05 -0.12 -0.01	61.07 -0.12 -0.11	60.78 -0.06 -0.01	60.73 0.00 -0.03	60.94 -0.12 -0.26	61.15 -0.62 -0.12	61.05 -0.37 0.00	84.70 -0.25 0.00	98.42 0.59 0.00	87.20 0.61 0.00	84.41 1.00 0.00	75.86 1.27 0.00	70.32 1.31 0.00	72.04 1.48 0.00
LYONS_FALL_HYD 23570	61.54 1.14 0.00	59.57 1.05 0.00	60.22 1.01 0.00	60.48 1.07 0.00	61.42 1.20 0.00	60.25 1.36 0.00	64.57 1.82 0.00	63.86 2.08 -0.75	67.82 2.16 -0.01	62.94 1.71 -0.01	62.64 1.47 -0.01	62.68 1.46 -0.13	62.24 1.40 -0.01	62.02 1.28 -0.04	62.46 1.34 -0.32	63.46 1.67 -0.15	63.20 1.78 0.00	87.85 2.89 0.00	102.24 4.41 0.00	90.50 3.90 0.00	87.16 3.76 0.00	77.80 3.21 0.00	71.77 2.76 0.00	73.52 2.96 0.00
MADISON___COUNTY_LFGE 323628	62.03 1.63 0.00	59.98 1.46 0.00	60.69 1.48 0.00	60.89 1.49 0.00	61.85 1.63 0.00	60.78 1.88 0.00	65.26 2.51 0.00	64.76 2.44 -1.28	68.49 2.82 -0.01	63.44 2.20 -0.01	63.26 2.08 -0.01	63.20 1.89 -0.22	62.67 1.82 -0.01	62.41 1.64 -0.06	63.12 1.76 -0.55	64.24 2.34 -0.25	63.75 2.33 0.00	88.52 3.57 0.00	102.23 4.40 0.00	90.41 3.81 0.00	86.91 3.50 0.00	77.58 2.98 0.00	71.49 2.48 0.00	73.24 2.68 0.00
MALONE___115KV_TB1 356076	59.98 -0.42 0.00	58.34 -0.18 0.00	59.15 -0.06 0.00	59.29 -0.12 0.00	60.04 -0.18 0.00	58.43 -0.47 0.00	61.75 -1.00 0.00	60.43 -0.61 0.00	64.14 -1.51 0.00	59.94 -1.29 0.00	59.88 -1.28 0.00	59.80 -1.28 0.00	59.74 -1.09 0.00	59.86 -0.85 0.00	59.64 -1.16 0.00	59.43 -2.22 0.00	59.88 -1.54 0.00	82.58 -2.38 0.00	95.39 -2.45 0.00	84.78 -1.82 0.00	82.66 -0.75 0.00	74.75 0.15 0.00	69.70 0.69 0.00	71.62 1.06 0.00
MAPLEWOD_115KV_TB3 80458	98.10 2.78 -34.92	97.19 2.57 -36.10	89.17 2.66 -27.29	86.75 2.73 -24.60	91.78 2.71 -28.85	97.25 2.65 -35.70	122.93 3.07 -57.11	144.41 2.93 -80.44	131.32 3.48 -62.19	93.32 3.31 -28.79	94.23 3.30 -29.77	84.72 3.36 -20.27	77.35 3.28 -13.23	75.73 3.22 -11.81	76.82 3.22 -12.80	84.23 3.45 -19.14	105.18 3.26 -40.50	130.87 4.33 -41.59	169.77 4.89 -67.05	138.46 4.24 -47.62	138.15 4.00 -50.74	124.08 3.58 -45.90	122.35 3.24 -50.10	123.20 3.25 -49.40
MAPLE_RIDGE_WT_1 323574	59.07 -1.33 0.00	57.52 -1.00 0.00	58.38 -0.83 0.00	58.64 -0.77 0.00	59.38 -0.84 0.00	58.02 -0.88 0.00	61.50 -1.25 0.00	59.94 -1.10 0.00	64.07 -1.58 0.00	59.75 -1.47 0.00	59.57 -1.59 0.00	59.50 -1.59 0.00	59.31 -1.52 0.00	59.31 -1.39 0.00	59.34 -1.46 0.00	59.80 -1.85 0.00	59.89 -1.53 0.00	83.09 -1.87 0.00	95.97 -1.86 0.00	85.12 -1.47 0.00	82.24 -1.17 0.00	73.78 -0.82 0.00	68.53 -0.48 0.00	70.14 -0.42 0.00
MAPLE_RIDGE_WT_2 323611	59.07 -1.33 0.00	57.52 -1.00 0.00	58.38 -0.83 0.00	58.64 -0.77 0.00	59.38 -0.84 0.00	58.02 -0.88 0.00	61.50 -1.25 0.00	59.94 -1.10 0.00	64.07 -1.58 0.00	59.75 -1.47 0.00	59.57 -1.59 0.00	59.50 -1.59 0.00	59.31 -1.52 0.00	59.31 -1.39 0.00	59.34 -1.46 0.00	59.80 -1.85 0.00	59.89 -1.53 0.00	83.09 -1.87 0.00	95.97 -1.86 0.00	85.12 -1.47 0.00	82.24 -1.17 0.00	73.78 -0.82 0.00	68.53 -0.48 0.00	70.14 -0.42 0.00
MARBLE_RIVER_WT_PWR 323696	58.65 -1.75 0.00	57.05 -1.46 0.00	57.85 -1.36 0.00	57.98 -1.43 0.00	58.72 -1.50 0.00	57.13 -1.77 0.00	60.05 -2.70 0.00	58.66 -2.38 0.00	62.37 -3.28 0.00	58.35 -2.88 0.00	58.35 -2.81 0.00	58.34 -2.75 0.00	58.28 -2.55 0.00	58.34 -2.37 0.00	58.19 -2.61 0.00	58.07 -3.58 0.00	58.41 -3.01 0.00	80.71 -4.25 0.00	93.33 -4.50 0.00	82.96 -3.63 0.00	80.82 -2.59 0.00	72.95 -1.64 0.00	68.04 -0.97 0.00	70.14 -0.42 0.00
MARSHVLE_115KV_TB1 80742	113.85 4.11 -49.34	113.39 3.86 -51.01	101.62 3.85 -38.57	97.98 3.80 -34.77	105.03 4.03 -40.77	113.47 4.12 -50.45	148.34 4.89 -80.70	173.36 4.70 -107.62	158.59 5.12 -87.82	102.81 4.16 -37.43	103.66 3.85 -38.64	89.81 3.24 -25.49	81.50 3.71 -16.95	79.24 3.52 -15.01	79.54 3.65 -15.09	89.68 4.07 -23.96	117.89 4.48 -51.99	145.30 6.97 -53.38	199.66 8.32 -93.51	158.30 7.27 -64.43	153.06 7.01 -62.65	145.87 6.42 -64.86	145.53 5.73 -70.79	146.15 5.79 -69.81
MARSH_HILL_WT_PWR 323713	57.02 -4.83 -1.46	55.28 -4.74 -1.50	54.96 -5.39 -1.14	55.15 -5.29 -1.03	56.30 -5.12 -1.20	55.91 -4.48 -1.49	61.56 -3.57 -2.38	67.17 -4.82 -10.96	64.14 -4.13 -2.62	58.54 -4.90 -2.22	58.21 -5.26 -2.31	57.41 -5.74 -2.07	57.33 -4.81 -1.31	56.97 -5.22 -1.48	57.72 -4.32 -1.24	62.19 -1.48 -2.03	63.80 -0.92 -3.30	87.66 -0.68 -3.39	100.85 -0.10 -3.12	88.69 0.26 -1.83	85.38 0.25 -1.73	76.84 0.37 -1.87	71.11 0.07 -2.04	73.35 0.78 -2.01
MCINTYRE_115KV_TB2 80467	61.31 0.91 0.00	59.68 1.17 0.00	60.45 1.24 0.00	60.66 1.25 0.00	61.36 1.14 0.00	59.72 0.82 0.00	63.00 0.25 0.00	61.53 0.49 0.00	65.19 -0.46 0.00	60.86 -0.37 0.00	60.74 -0.43 0.00	60.72 -0.37 0.00	60.83 0.00 0.00	60.83 0.12 0.00	60.68 -0.12 0.00	60.41 -1.23 0.00	60.68 -0.74 0.00	83.85 -1.10 0.00	96.85 -0.98 0.00	85.82 -0.78 0.00	83.32 -0.08 0.00	75.19 0.60 0.00	70.04 1.04 0.00	71.76 1.20 0.00
MECO_____69_KV_BK1 80468	118.79 5.44 -52.96	118.47 5.21 -54.75	105.81 5.21 -41.39	101.83 5.11 -37.31	109.34 5.36 -43.76	118.46 5.42 -54.15	155.57 6.21 -86.61	179.53 5.92 -112.57	166.38 6.50 -94.23	106.62 5.45 -39.94	107.54 5.14 -41.24	92.57 4.76 -26.72	83.88 4.99 -18.06	81.45 4.86 -15.89	80.70 4.99 -14.91	92.28 5.61 -25.03	122.79 5.90 -55.48	150.75 8.84 -56.96	208.58 10.47 -100.28	165.02 9.27 -69.16	159.57 8.92 -67.24	152.19 7.98 -69.61	152.16 7.18 -75.98	152.74 7.27 -74.92
MENANDS___115KV_TB5 355628	96.30 2.54 -33.37	95.35 2.34 -34.50	87.72 2.43 -26.08	85.42 2.50 -23.51	90.26 2.47 -27.57	95.43 2.41 -34.12	120.08 2.76 -54.57	141.50 2.62 -77.84	128.24 3.15 -59.44	92.03 3.00 -27.80	92.97 3.06 -28.75	83.93 3.12 -19.72	76.67 3.04 -12.80	75.13 2.97 -11.45	76.46 2.98 -12.68	83.43 3.14 -18.64	103.53 2.95 -39.16	128.99 3.82 -40.21	166.32 4.30 -64.18	135.60 3.72 -45.28	134.68 3.50 -47.77	121.52 3.06 -43.86	119.71 2.83 -47.87	120.59 2.82 -47.20
MG INDUSTRY___DRP 24185	82.19 2.36 -19.44	80.77 2.17 -20.09	76.71 2.31 -15.19	75.42 2.32 -13.69	78.57 2.29 -16.06	80.95 2.18 -19.87	96.98 2.45 -31.79	117.72 2.26 -54.42	102.99 2.63 -34.71	82.59 2.45 -18.92	83.21 2.45 -19.60	78.39 2.50 -14.79	72.19 2.43 -8.93	71.32 2.37 -8.25	74.79 2.37 -11.62	78.43 2.59 -14.20	91.07 2.52 -27.13	116.12 3.31 -27.85	140.05 3.82 -38.40	112.49 3.38 -22.52	102.19 3.17 -15.61	102.90 2.76 -25.55	99.51 2.62 -27.88	100.74 2.68 -27.50

MID___OSWEGATCHIE_HYD 23849	60.46 0.06 0.00	58.69 0.18 0.00	59.39 0.18 0.00	59.65 0.24 0.00	60.46 0.24 0.00	59.07 0.18 0.00	62.87 0.13 0.00	62.20 0.55 -0.61	65.85 0.20 -0.01	61.23 0.00 -0.01	61.05 -0.12 -0.01	61.07 -0.12 -0.11	60.78 -0.06 -0.01	60.73 0.00 -0.03	60.94 -0.12 -0.26	61.15 -0.62 -0.12	61.05 -0.37 0.00	84.70 -0.25 0.00	98.42 0.59 0.00	87.20 0.61 0.00	84.41 1.00 0.00	75.86 1.27 0.00	70.32 1.31 0.00	72.04 1.48 0.00
MID___RAQUETTE_HYD 23851	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.24 0.00	61.87 -0.88 0.00	60.82 -0.55 -0.33	64.28 -1.38 0.00	60.06 -1.16 0.00	60.07 -1.10 0.00	60.11 -1.04 -0.06	60.04 -0.79 0.00	60.11 -0.61 -0.02	59.97 -0.97 -0.14	59.43 -2.28 -0.06	59.39 -2.03 0.00	81.98 -2.97 0.00	94.80 -3.03 0.00	84.00 -2.60 0.00	81.82 -1.58 0.00	74.07 -0.52 0.00	69.08 0.07 0.00	70.77 0.21 0.00
MILLIKEN___1 23584	62.38 0.48 -1.50	60.35 0.29 -1.55	60.56 0.18 -1.17	60.70 0.24 -1.05	61.76 0.30 -1.24	61.13 0.71 -1.53	66.58 1.38 -2.45	68.96 1.10 -6.82	69.92 1.58 -2.70	64.34 0.92 -2.20	64.25 0.80 -2.29	63.66 0.55 -2.02	62.30 0.36 -1.10	61.85 0.06 -1.08	64.09 0.24 -3.05	64.92 1.29 -1.98	66.16 1.47 -3.26	90.77 2.46 -3.35	104.00 2.93 -3.24	91.12 2.60 -1.93	87.56 2.34 -1.82	78.51 1.94 -1.97	72.67 1.52 -2.15	74.37 1.69 -2.12
MILLIKEN___2 23585	62.38 0.48 -1.50	60.35 0.29 -1.55	60.56 0.18 -1.17	60.70 0.24 -1.05	61.76 0.30 -1.24	61.13 0.71 -1.53	66.58 1.38 -2.45	68.96 1.10 -6.82	69.92 1.58 -2.70	64.34 0.92 -2.20	64.25 0.80 -2.29	63.66 0.55 -2.02	62.30 0.36 -1.10	61.85 0.06 -1.08	64.09 0.24 -3.05	64.92 1.29 -1.98	66.16 1.47 -3.26	90.77 2.46 -3.35	104.00 2.93 -3.24	91.12 2.60 -1.93	87.56 2.34 -1.82	78.51 1.94 -1.97	72.67 1.52 -2.15	74.37 1.69 -2.12
MILLIKEN___DIESEL 23629	62.38 0.48 -1.50	60.35 0.29 -1.55	60.56 0.18 -1.17	60.70 0.24 -1.05	61.76 0.30 -1.24	61.13 0.71 -1.53	66.58 1.38 -2.45	68.96 1.10 -6.82	69.92 1.58 -2.70	64.34 0.92 -2.20	64.25 0.80 -2.29	63.66 0.55 -2.02	62.30 0.36 -1.10	61.85 0.06 -1.08	64.09 0.24 -3.05	64.92 1.29 -1.98	66.16 1.47 -3.26	90.77 2.46 -3.35	104.00 2.93 -3.24	91.12 2.60 -1.93	87.56 2.34 -1.82	78.51 1.94 -1.97	72.67 1.52 -2.15	74.37 1.69 -2.12
MILLSEAT___LFGE 323607	56.35 -4.05 0.00	54.71 -3.80 0.00	54.53 -4.68 0.00	55.01 -4.40 0.00	55.95 -4.27 0.00	54.95 -3.95 0.00	59.74 -3.01 0.00	59.70 -3.73 -2.39	62.26 -3.42 -0.03	58.61 -4.04 -1.43	58.63 -4.04 -1.50	58.26 -4.28 -1.45	56.09 -5.47 -0.73	55.99 -5.40 -0.69	57.21 -4.80 -1.21	59.99 -3.08 -1.43	59.97 -3.75 -2.29	82.30 -5.01 -2.36	93.09 -5.28 -0.54	81.83 -4.76 0.00	78.90 -4.51 0.00	70.94 -3.65 0.00	65.56 -3.45 0.00	68.51 -2.05 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	68.22 2.90 -4.92	66.05 2.46 -5.08	65.48 2.43 -3.84	65.25 2.38 -3.46	66.69 2.41 -4.06	66.63 2.71 -5.03	74.30 3.51 -8.04	91.17 3.48 -26.65	78.82 4.27 -8.91	73.80 3.92 -8.66	73.98 3.79 -9.03	73.26 3.73 -8.44	68.96 3.77 -4.36	68.68 3.64 -4.33	73.39 3.65 -8.95	74.17 4.19 -8.33	78.42 3.99 -13.01	104.01 5.69 -13.36	115.56 6.55 -11.17	98.70 5.63 -6.48	94.91 5.09 -6.42	85.46 4.40 -6.46	79.92 3.86 -7.05	80.97 3.46 -6.96
MILLWOOD_13_KV_LOAD 356217	68.34 3.02 -4.92	66.17 2.57 -5.08	65.60 2.55 -3.84	65.37 2.50 -3.46	66.81 2.53 -4.06	66.75 2.83 -5.03	74.43 3.64 -8.04	91.29 3.60 -26.65	79.02 4.46 -8.91	73.93 4.04 -8.66	74.17 3.98 -9.03	73.44 3.91 -8.44	69.08 3.89 -4.36	68.80 3.76 -4.33	73.52 3.77 -8.95	74.29 4.32 -8.33	78.55 4.12 -13.01	104.26 5.95 -13.36	115.85 6.85 -11.17	98.87 5.80 -6.48	95.16 5.34 -6.42	85.61 4.55 -6.46	80.06 4.00 -7.05	81.18 3.67 -6.96
MODEL_CITY_ENERGY 24167	54.36 -6.04 0.00	52.78 -5.73 0.00	52.70 -6.51 0.00	53.11 -6.30 0.00	53.96 -6.26 0.00	53.01 -5.89 0.00	57.35 -5.40 0.00	57.10 -6.29 -2.35	59.58 -6.10 -0.03	56.29 -6.43 -1.49	56.43 -6.30 -1.57	56.19 -6.41 -1.52	53.86 -7.73 -0.76	53.88 -7.53 -0.71	54.99 -7.05 -1.25	57.90 -5.24 -1.49	57.55 -6.27 -2.40	78.84 -8.58 -2.46	88.91 -9.49 -0.57	78.28 -8.31 0.00	75.56 -7.84 0.00	68.03 -6.57 0.00	63.00 -6.00 0.00	66.12 -4.44 0.00
MODERN_LFGE___ 323580	54.36 -6.04 0.00	52.78 -5.73 0.00	52.70 -6.51 0.00	53.11 -6.30 0.00	53.96 -6.26 0.00	53.01 -5.89 0.00	57.35 -5.40 0.00	57.10 -6.29 -2.35	59.58 -6.10 -0.03	56.29 -6.43 -1.49	56.43 -6.30 -1.57	56.19 -6.41 -1.52	53.86 -7.73 -0.76	53.88 -7.53 -0.71	54.99 -7.05 -1.25	57.90 -5.24 -1.49	57.55 -6.27 -2.40	78.84 -8.58 -2.46	88.91 -9.49 -0.57	78.28 -8.31 0.00	75.56 -7.84 0.00	68.03 -6.57 0.00	63.00 -6.00 0.00	66.12 -4.44 0.00
MOHAWK_PAPER___DRP 24187	98.10 2.78 -34.92	97.19 2.57 -36.10	89.17 2.66 -27.29	86.75 2.73 -24.60	91.78 2.71 -28.85	97.25 2.65 -35.70	122.93 3.07 -57.11	144.41 2.93 -80.44	131.32 3.48 -62.19	93.32 3.31 -28.79	94.23 3.30 -29.77	84.72 3.36 -20.27	77.35 3.28 -13.23	75.73 3.22 -11.81	76.82 3.22 -12.80	84.23 3.45 -19.14	105.18 3.26 -40.50	130.87 4.33 -41.59	169.77 4.89 -67.05	138.46 4.24 -47.62	138.15 4.00 -50.74	124.08 3.58 -45.90	122.35 3.24 -50.10	123.20 3.25 -49.40
MOHICAN___35_KV_115KV_LD 80490	118.98 5.50 -53.08	118.60 5.21 -54.88	105.91 5.21 -41.49	101.98 5.17 -37.40	109.44 5.36 -43.86	118.47 5.30 -54.27	155.52 5.96 -86.81	177.69 5.74 -110.91	166.58 6.50 -94.43	107.40 5.82 -40.36	108.47 5.63 -41.67	93.26 5.50 -26.68	84.51 5.41 -18.27	81.97 5.28 -15.98	80.24 5.29 -14.15	92.48 5.92 -24.91	123.54 5.96 -56.16	151.21 8.58 -57.67	208.46 9.98 -100.65	165.29 8.75 -69.95	161.24 8.42 -69.41	151.91 7.53 -69.78	152.06 6.90 -76.15	152.78 7.13 -75.09
MONGAUP___HYD 23641	67.97 3.08 -4.49	65.79 2.64 -4.64	65.32 2.60 -3.51	65.07 2.49 -3.17	66.58 2.65 -3.71	66.43 2.94 -4.59	73.86 3.76 -7.35	89.10 3.60 -24.47	77.93 4.14 -8.14	72.73 3.55 -7.95	72.69 3.24 -8.29	72.02 3.17 -7.76	67.87 3.04 -4.00	67.66 2.97 -3.98	72.13 3.10 -8.23	73.13 3.82 -7.66	77.31 3.93 -11.95	103.35 6.12 -12.27	115.00 6.95 -10.22	98.28 5.89 -5.79	94.29 5.42 -5.46	84.98 4.48 -5.90	79.59 4.14 -6.44	80.79 3.88 -6.35
MONTAUK___DIESEL 23721	87.62 4.89 -22.33	77.29 4.45 -14.32	70.49 4.38 -6.90	66.99 4.10 -3.48	70.57 4.40 -5.95	72.89 4.59 -9.40	119.36 5.90 -50.71	143.03 6.10 -75.89	143.61 7.55 -70.41	122.67 6.55 -54.90	113.65 5.57 -46.92	94.83 5.31 -28.42	71.19 5.23 -5.13	71.13 5.10 -5.33	92.14 5.23 -26.12	99.43 5.67 -32.11	121.75 5.65 -54.68	161.88 9.01 -67.92	163.77 9.29 -56.64	137.76 7.62 -43.55	132.63 6.84 -42.38	124.76 5.89 -44.27	114.63 5.52 -40.10	116.32 6.56 -39.20
MOONROAD_115KV_HARTFLD_TB1-2 355988	56.53 -3.87 0.00	54.71 -3.80 0.00	54.59 -4.62 0.00	55.01 -4.40 0.00	56.00 -4.22 0.00	55.13 -3.77 0.00	59.99 -2.76 0.00	58.91 -4.58 -2.45	62.60 -3.09 -0.03	59.23 -3.67 -1.68	58.58 -4.34 -1.76	58.14 -4.64 -1.70	57.60 -4.08 -0.85	56.38 -5.10 -0.78	56.94 -5.23 -1.37	61.22 -2.10 -1.67	62.08 -2.03 -2.69	85.09 -2.63 -2.76	96.32 -2.15 -0.64	85.91 -2.25 -1.57	81.32 -2.09 0.00	73.03 -1.57 0.00	69.17 -1.59 0.00	70.28 -0.28 0.00

MORRIS_RIDGE___SOLAR 323848	57.54 -4.23 -1.37	55.71 -4.21 -1.41	55.48 -4.79 -1.07	55.68 -4.69 -0.96	56.77 -4.58 -1.13	56.23 -4.06 -1.40	61.53 -3.45 -2.23	58.13 -4.70 -1.80	64.04 -4.07 -2.46	58.41 -4.90 -2.09	58.20 -5.14 -2.18	57.54 -5.50 -1.95	56.42 -5.23 -0.82	55.71 -5.58 -0.59	56.93 -5.29 -1.42	60.85 -2.71 -1.92	61.89 -2.64 -3.11	85.10 -3.05 -3.20	97.69 -3.13 -2.99	85.76 -2.60 -1.76	82.65 -2.42 -1.66	74.38 -2.01 -1.80	69.04 -1.93 -1.96	71.44 -1.06 -1.94
MORTIMER_115KV_TB3 55949	57.32 -3.08 0.00	55.59 -2.93 0.00	55.66 -3.55 0.00	56.02 -3.39 0.00	56.97 -3.25 0.00	55.95 -2.94 0.00	60.49 -2.26 0.00	61.53 -2.20 -2.69	63.44 -2.23 -0.03	59.71 -2.76 -1.24	60.14 -2.32 -1.30	59.85 -2.50 -1.26	57.48 -4.01 -0.66	57.84 -3.52 -0.65	58.92 -2.98 -1.10	60.67 -2.22 -1.24	60.82 -2.58 -1.98	83.42 -3.57 -2.04	94.29 -4.01 -0.47	82.87 -3.72 0.00	79.82 -3.59 0.00	71.61 -2.98 0.00	66.04 -2.97 0.00	68.51 -2.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	68.55 3.20 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.70 3.85 -26.81	79.47 4.86 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.31 4.25 -4.35	74.06 4.26 -9.00	74.84 4.81 -8.38	79.11 4.61 -13.09	104.85 6.46 -13.44	116.50 7.44 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.52 4.42 -7.09	81.50 3.95 -6.99
MUNSVILLE_WIND_PWR 323609	67.46 3.62 -3.44	65.40 3.33 -3.55	65.03 3.14 -2.68	65.09 3.27 -2.42	66.55 3.49 -2.84	66.53 4.12 -3.51	73.95 5.58 -5.62	78.09 5.19 -11.87	77.65 5.84 -6.16	69.98 4.53 -4.23	69.66 4.10 -4.40	68.11 3.48 -3.54	66.30 3.40 -2.06	65.45 2.79 -1.95	67.65 3.28 -3.57	70.06 4.99 -3.42	73.22 5.59 -6.21	100.85 9.51 -6.38	116.69 11.73 -7.12	101.76 10.74 -4.43	97.84 10.26 -4.18	87.98 8.87 -4.51	81.59 7.66 -4.93	83.74 8.32 -4.86
N SALMON___HYD 24042	59.98 -0.42 0.00	58.34 -0.18 0.00	59.15 -0.06 0.00	59.29 -0.12 0.00	60.04 -0.18 0.00	58.42 -0.47 0.00	61.74 -1.01 0.00	60.43 -0.61 0.00	64.14 -1.51 0.00	59.88 -1.35 0.00	59.88 -1.29 0.00	59.80 -1.29 0.00	59.74 -1.09 0.00	59.86 -0.85 0.00	59.58 -1.22 0.00	59.36 -2.28 0.00	59.89 -1.53 0.00	82.58 -2.38 0.00	95.48 -2.35 0.00	84.69 -1.91 0.00	82.65 -0.75 0.00	74.75 0.15 0.00	69.70 0.69 0.00	71.62 1.06 0.00
N.AKRON__115KV_KNAPP 355671	56.23 -4.17 0.00	54.59 -3.92 0.00	54.41 -4.80 0.00	54.89 -4.52 0.00	55.82 -4.40 0.00	54.83 -4.06 0.00	59.55 -3.20 0.00	59.45 -3.97 -2.38	62.14 -3.55 -0.03	58.44 -4.22 -1.44	58.52 -4.16 -1.51	58.15 -4.40 -1.46	55.91 -5.66 -0.74	55.87 -5.52 -0.69	56.92 -5.11 -1.22	59.69 -3.39 -1.44	59.86 -3.87 -2.31	81.97 -5.35 -2.37	92.70 -5.67 -0.55	81.23 -5.37 0.00	78.40 -5.00 0.00	70.64 -3.95 0.00	65.21 -3.80 0.00	68.30 -2.26 0.00
N.BELMOR_69_KV_BK1 55787	86.89 4.17 -22.33	76.47 3.63 -14.32	69.72 3.61 -6.90	66.40 3.51 -3.48	69.78 3.61 -5.95	72.18 3.89 -9.40	118.29 4.83 -50.71	141.57 4.64 -75.89	141.64 5.58 -70.41	121.39 5.27 -54.90	113.22 5.14 -46.92	94.64 5.13 -28.42	71.07 5.11 -5.13	71.07 5.04 -5.33	91.96 5.05 -26.12	99.37 5.61 -32.11	121.57 5.47 -54.68	160.52 7.65 -67.92	163.38 8.90 -56.64	137.68 7.53 -43.55	132.71 6.92 -42.38	124.76 5.89 -44.27	114.56 5.45 -40.10	114.84 5.08 -39.20
N.E_GEN_SANDY PD 24062	87.40 3.20 -23.80	85.01 2.87 -23.63	84.05 2.90 -21.94	84.46 2.85 -22.20	87.21 2.89 -24.10	93.34 3.00 -31.44	102.70 3.70 -36.25	109.52 3.48 -45.00	109.46 4.21 -39.60	101.39 3.86 -36.31	92.39 3.86 -27.37	90.07 3.79 -25.19	89.04 3.77 -24.44	84.90 3.64 -20.55	86.60 3.71 -22.09	101.51 4.13 -35.74	110.71 3.99 -45.30	141.13 5.52 -50.66	132.00 6.27 -27.90	121.00 5.55 -28.86	112.92 5.17 -24.34	98.38 4.40 -19.39	92.85 4.00 -19.84	94.70 3.81 -20.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	67.75 2.60 -4.75	65.59 2.17 -4.91	65.06 2.13 -3.71	64.78 2.02 -3.35	66.25 2.11 -3.93	66.11 2.36 -4.86	73.72 3.20 -7.77	89.99 3.11 -25.83	78.07 3.81 -8.61	73.05 3.43 -8.40	73.22 3.30 -8.75	72.51 3.24 -8.19	68.34 3.28 -4.22	68.12 3.22 -4.20	72.64 3.16 -8.68	73.43 3.70 -8.08	77.53 3.50 -12.61	103.00 5.10 -12.95	114.51 5.87 -10.80	97.66 4.94 -6.12	93.69 4.50 -5.78	84.50 3.66 -6.25	79.14 3.31 -6.82	80.25 2.96 -6.72
N.QUEENS_27_KV_LOAD 356247	68.55 3.20 -4.94	66.26 2.63 -5.11	65.56 2.49 -3.86	65.27 2.38 -3.48	66.65 2.35 -4.09	66.54 2.59 -5.06	74.41 3.58 -8.09	91.57 3.72 -26.81	79.53 4.92 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.10 4.52 -8.49	69.71 4.50 -4.38	69.49 4.43 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.24 4.73 -13.09	105.02 6.63 -13.44	116.79 7.73 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.65 4.55 -7.09	81.79 4.23 -6.99
N.TROY___115KV_TB1 355778	107.31 3.38 -43.53	106.62 3.10 -45.01	96.37 3.14 -34.02	93.23 3.15 -30.67	99.38 3.19 -35.97	106.65 3.24 -44.51	137.71 3.76 -71.20	159.39 3.60 -94.75	147.33 4.20 -77.48	99.29 3.80 -34.27	100.36 3.79 -35.41	88.15 3.79 -23.28	80.16 3.71 -15.61	78.06 3.58 -13.78	77.83 3.65 -13.38	87.50 4.01 -21.84	113.27 3.93 -47.92	139.68 5.52 -49.20	187.07 6.26 -82.98	150.68 5.54 -58.54	149.30 5.25 -60.63	136.37 4.55 -57.22	135.60 4.14 -62.46	136.31 4.16 -61.58
NARROWS_GT1_1 24228	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT1_2 24229	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT1_3 24230	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT1_4 24231	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99

NARROWS_GT1_5 24232	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT1_6 24233	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT1_7 24234	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT1_8 24235	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_1 24236	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_2 24237	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_3 24238	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_4 24239	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_5 24240	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_6 24241	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_7 24242	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NARROWS_GT2_8 24243	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	82.42 3.20 -18.82	80.89 2.93 -19.45	77.00 3.08 -14.71	75.76 3.09 -13.26	78.90 3.13 -15.55	81.26 3.12 -19.24	96.98 3.45 -30.78	117.05 3.30 -52.72	102.87 3.61 -33.61	82.67 3.12 -18.33	83.15 3.00 -18.99	78.42 2.99 -14.34	72.34 2.86 -8.65	71.49 2.79 -7.99	74.98 2.92 -11.26	78.67 3.27 -13.76	91.08 3.38 -26.28	116.96 5.01 -26.99	140.69 5.67 -37.19	112.89 4.76 -21.53	102.19 4.50 -14.28	103.21 3.88 -24.74	99.66 3.66 -27.00	101.06 3.88 -26.62
NCHELSEA_115KV_TR2 355582	68.90 3.38 -5.12	66.67 2.87 -5.29	66.11 2.90 -4.00	65.81 2.79 -3.61	67.40 2.95 -4.23	67.31 3.18 -5.24	75.20 4.08 -8.37	92.13 3.97 -27.12	79.65 4.73 -9.27	74.28 4.22 -8.83	74.46 4.10 -9.20	73.68 4.03 -8.56	69.22 3.95 -4.43	68.93 3.82 -4.40	73.71 3.89 -9.02	74.59 4.50 -8.44	79.09 4.42 -13.25	105.10 6.54 -13.60	116.92 7.53 -11.56	99.60 6.41 -6.60	95.47 5.84 -6.22	86.25 4.92 -6.73	80.84 4.49 -7.35	81.97 4.16 -7.24
NEG CAPITAL___MECHNVIL 23645	114.91 4.35 -50.16	114.46 4.09 -51.86	102.50 4.08 -39.20	98.79 4.04 -35.34	105.82 4.15 -41.45	114.37 4.18 -51.29	149.55 4.77 -82.03	171.50 4.52 -105.95	160.08 5.19 -89.24	104.37 4.65 -38.49	105.51 4.59 -39.76	91.31 4.58 -25.63	82.79 4.50 -17.46	80.38 4.37 -15.30	79.15 4.44 -13.91	90.61 4.99 -23.97	119.98 4.92 -53.64	147.00 6.97 -55.08	201.19 8.12 -95.24	160.16 7.10 -66.46	156.99 6.84 -66.74	146.50 5.97 -65.93	146.42 5.45 -71.96	147.02 5.51 -70.96

NEG CENTRAL_HIGH_ACRES 23767	56.90 -3.50 0.00	55.12 -3.40 0.00	55.30 -3.91 0.00	55.67 -3.74 0.00	56.54 -3.68 0.00	55.60 -3.30 0.00	60.05 -2.70 0.00	61.09 -2.56 -2.62	62.92 -2.75 -0.03	59.43 -3.00 -1.20	59.67 -2.75 -1.26	59.44 -2.87 -1.23	57.34 -4.14 -0.64	57.58 -3.76 -0.63	58.64 -3.28 -1.12	60.20 -2.65 -1.21	60.40 -2.95 -1.93	83.03 -3.91 -1.98	93.89 -4.40 -0.46	82.61 -3.98 0.00	79.49 -3.92 0.00	71.17 -3.43 0.00	65.70 -3.31 0.00	67.88 -2.68 0.00
NEG CENTRAL___DRP 24199	59.25 -1.15 0.00	57.29 -1.23 0.00	57.73 -1.48 0.00	57.98 -1.43 0.00	58.96 -1.26 0.00	58.07 -0.82 0.00	62.56 -0.19 0.00	63.72 -0.49 -3.17	65.61 -0.07 -0.03	61.86 -0.67 -1.31	61.75 -0.80 -1.38	61.44 -0.98 -1.33	60.21 -1.34 -0.72	60.03 -1.40 -0.72	60.66 -1.28 -1.13	62.77 -0.18 -1.31	63.46 -0.06 -2.10	87.12 0.00 -2.16	98.23 -0.10 -0.50	86.68 0.09 0.00	83.32 -0.08 0.00	74.60 0.00 0.00	68.73 -0.28 0.00	70.63 0.07 0.00
NEG CENTRAL___INDECK 23768	58.95 -1.45 0.00	57.11 -1.40 0.00	57.02 -2.19 0.00	57.45 -1.96 0.00	58.47 -1.75 0.00	57.66 -1.24 0.00	62.75 0.00 0.00	67.74 -0.49 -7.19	65.55 -0.13 -0.04	61.77 -1.17 -1.71	61.61 -1.35 -1.79	60.98 -1.83 -1.73	59.42 -2.50 -1.09	59.45 -2.49 -1.23	60.35 -1.70 -1.25	63.40 0.06 -1.70	64.59 0.43 -2.74	86.07 -1.70 -2.81	96.82 -1.66 -0.65	85.12 -1.47 0.00	81.91 -1.50 0.00	73.40 -1.20 0.00	67.63 -1.38 0.00	69.92 -0.64 0.00
NEG CENTRAL___SENECA 23627	59.25 -1.15 0.00	57.23 -1.29 0.00	57.61 -1.60 0.00	57.92 -1.49 0.00	58.90 -1.32 0.00	58.01 -0.88 0.00	62.69 -0.06 0.00	64.19 -0.49 -3.64	65.68 0.00 -0.03	61.94 -0.73 -1.45	61.77 -0.92 -1.52	61.33 -1.22 -1.52	60.11 -1.52 -0.80	59.94 -1.58 -0.81	60.40 -1.46 -1.06	63.03 -0.06 -1.44	63.80 0.06 -2.32	87.51 0.17 -2.39	98.28 -0.10 -0.55	86.85 0.26 0.00	83.49 0.08 0.00	74.89 0.30 0.00	68.94 -0.07 0.00	71.05 0.49 0.00
NEG CENTRAL___STATE_STREET 24147	59.68 -0.72 0.00	57.69 -0.82 0.00	58.20 -1.01 0.00	58.46 -0.95 0.00	59.38 -0.84 0.00	58.49 -0.41 0.00	62.94 0.19 0.00	64.05 0.12 -2.89	66.14 0.46 -0.03	62.45 -0.06 -1.29	62.39 -0.12 -1.35	62.15 -0.24 -1.31	60.92 -0.61 -0.70	60.67 -0.73 -0.69	61.65 -0.61 -1.46	63.18 0.25 -1.29	63.79 0.31 -2.07	87.76 0.68 -2.12	99.20 0.88 -0.49	87.37 0.78 0.00	83.91 0.50 0.00	74.97 0.37 0.00	69.01 0.00 0.00	70.77 0.21 0.00
NEG MILLWOOD___DRP 24198	69.18 3.68 -5.10	67.00 3.22 -5.27	66.45 3.26 -3.98	66.15 3.15 -3.59	67.68 3.25 -4.21	67.64 3.53 -5.21	75.60 4.52 -8.33	92.69 4.39 -27.26	80.20 5.32 -9.23	74.80 4.71 -8.87	74.99 4.59 -9.24	74.22 4.52 -8.61	69.73 4.44 -4.45	69.44 4.31 -4.42	74.28 4.38 -9.10	75.14 4.99 -8.50	79.52 4.79 -13.31	105.67 7.05 -13.66	117.49 8.12 -11.53	100.18 7.01 -6.57	96.02 6.42 -6.19	86.74 5.45 -6.70	81.28 4.97 -7.31	82.35 4.59 -7.21
NEG NORTH_FLCN_SEA 23793	59.31 -1.09 0.00	57.75 -0.76 0.00	58.56 -0.65 0.00	58.70 -0.71 0.00	59.38 -0.84 0.00	57.84 -1.06 0.00	60.49 -2.26 0.00	59.15 -1.89 0.00	62.83 -2.82 0.00	58.78 -2.45 0.00	58.72 -2.45 0.00	58.71 -2.38 0.00	58.64 -2.19 0.00	58.70 -2.00 0.00	58.55 -2.25 0.00	58.44 -3.21 0.00	58.90 -2.52 0.00	81.30 -3.65 0.00	93.92 -3.91 0.00	83.56 -3.03 0.00	81.49 -1.92 0.00	73.63 -0.97 0.00	68.66 -0.35 0.00	71.19 0.64 0.00
NEG NORTH_KES_CHATEGAY 23792	58.83 -1.57 0.00	57.29 -1.23 0.00	58.09 -1.13 0.00	58.22 -1.19 0.00	58.90 -1.32 0.00	57.31 -1.59 0.00	60.24 -2.51 0.00	58.90 -2.14 0.00	62.57 -3.09 0.00	58.53 -2.69 0.00	58.47 -2.69 0.00	58.52 -2.57 0.00	58.46 -2.37 0.00	58.52 -2.19 0.00	58.37 -2.43 0.00	58.19 -3.45 0.00	58.59 -2.83 0.00	80.96 -3.99 0.00	93.43 -4.40 0.00	83.13 -3.46 0.00	80.99 -2.42 0.00	73.10 -1.49 0.00	68.18 -0.83 0.00	70.21 -0.35 0.00
NEG NORTH___ALICE_FALLS 23915	59.61 -0.79 0.00	57.99 -0.53 0.00	58.80 -0.41 0.00	58.93 -0.48 0.00	59.68 -0.54 0.00	58.13 -0.77 0.00	61.06 -1.69 0.00	59.70 -1.34 0.00	63.42 -2.23 0.00	59.26 -1.96 0.00	59.21 -1.96 0.00	59.19 -1.89 0.00	59.13 -1.70 0.00	59.19 -1.52 0.00	59.04 -1.76 0.00	58.99 -2.65 0.00	59.45 -1.97 0.00	82.07 -2.89 0.00	94.80 -3.03 0.00	84.34 -2.25 0.00	82.24 -1.17 0.00	74.30 -0.30 0.00	69.35 0.35 0.00	71.62 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	59.61 -0.79 0.00	57.99 -0.53 0.00	58.80 -0.41 0.00	58.93 -0.48 0.00	59.68 -0.54 0.00	58.13 -0.77 0.00	61.06 -1.69 0.00	59.70 -1.34 0.00	63.42 -2.23 0.00	59.26 -1.96 0.00	59.21 -1.96 0.00	59.19 -1.89 0.00	59.13 -1.70 0.00	59.19 -1.52 0.00	59.04 -1.76 0.00	58.99 -2.65 0.00	59.45 -1.97 0.00	82.07 -2.89 0.00	94.80 -3.03 0.00	84.34 -2.25 0.00	82.24 -1.17 0.00	74.30 -0.30 0.00	69.35 0.35 0.00	71.62 1.06 0.00
NEG NORTH___PLATTSBURG 23628	59.61 -0.79 0.00	57.99 -0.53 0.00	58.80 -0.41 0.00	58.93 -0.48 0.00	59.68 -0.54 0.00	58.13 -0.77 0.00	61.06 -1.69 0.00	59.69 -1.34 0.00	63.42 -2.23 0.00	59.26 -1.96 0.00	59.20 -1.96 0.00	59.19 -1.89 0.00	59.07 -1.77 0.00	59.19 -1.52 0.00	58.98 -1.82 0.00	58.93 -2.71 0.00	59.45 -1.97 0.00	82.07 -2.89 0.00	94.90 -2.93 0.00	84.34 -2.25 0.00	82.24 -1.17 0.00	74.30 -0.30 0.00	69.35 0.35 0.00	71.68 1.13 0.00
NEG WEST_LEA_LOCKPORT 23791	54.96 -5.44 0.00	53.36 -5.15 0.00	53.23 -5.98 0.00	53.65 -5.76 0.00	54.56 -5.66 0.00	53.60 -5.30 0.00	58.04 -4.71 0.00	57.68 -5.68 -2.31	60.36 -5.32 -0.03	56.95 -5.76 -1.48	57.03 -5.69 -1.55	56.67 -5.93 -1.50	54.53 -7.06 -0.75	54.42 -6.98 -0.70	55.48 -6.57 -1.25	58.38 -4.75 -1.48	58.33 -5.47 -2.38	79.83 -7.56 -2.44	90.08 -8.32 -0.56	78.97 -7.62 0.00	76.32 -7.09 0.00	68.85 -5.74 0.00	63.62 -5.38 0.00	66.89 -3.67 0.00
NEG WEST___LANCASTER 23811	56.96 -3.44 0.00	55.12 -3.39 0.00	55.13 -4.09 0.00	55.55 -3.86 0.00	56.43 -3.79 0.00	55.48 -3.42 0.00	60.05 -2.70 0.00	56.88 -6.78 -2.62	61.94 -3.74 -0.04	58.83 -4.10 -1.71	56.78 -6.18 -1.79	55.85 -6.96 -1.73	58.78 -2.92 -0.87	54.95 -6.56 -0.80	54.66 -7.54 -1.40	60.26 -3.08 -1.70	61.52 -2.64 -2.74	84.03 -3.74 -2.81	94.57 -3.91 -0.65	84.44 -3.72 -1.57	79.99 -3.42 0.00	71.91 -2.69 0.00	68.20 -2.55 -1.75	69.29 -1.27 0.00
NEG_PENN_ALLEGHNY 23528	62.53 -0.18 -2.31	60.55 -0.35 -2.39	60.48 -0.53 -1.81	60.56 -0.48 -1.63	61.77 -0.36 -1.91	61.14 -0.12 -2.36	66.97 0.44 -3.78	70.92 -0.18 -10.06	70.40 0.59 -4.16	64.71 0.06 -3.43	64.55 -0.18 -3.57	63.80 -0.42 -3.13	62.35 -0.18 -1.70	61.63 -0.73 -1.65	63.09 -0.61 -2.90	65.39 0.68 -3.07	67.13 0.61 -5.10	91.29 1.10 -5.24	104.21 1.37 -5.01	90.78 1.21 -2.98	87.22 1.00 -2.81	78.45 0.82 -3.04	72.87 0.55 -3.31	74.68 0.85 -3.27
NEG___GEN_MONROE 24207	57.20 -3.20 0.00	55.53 -2.98 0.00	55.60 -3.61 0.00	55.96 -3.45 0.00	56.85 -3.37 0.00	55.95 -2.94 0.00	60.49 -2.26 0.00	61.10 -2.50 -2.56	63.18 -2.49 -0.03	59.35 -3.12 -1.25	59.60 -2.87 -1.31	59.25 -3.12 -1.27	56.99 -4.50 -0.66	57.28 -4.07 -0.64	58.32 -3.59 -1.11	60.19 -2.71 -1.25	60.35 -3.07 -2.00	82.68 -4.33 -2.06	93.61 -4.70 -0.47	82.18 -4.42 0.00	79.07 -4.34 0.00	70.94 -3.66 0.00	65.56 -3.45 0.00	68.23 -2.33 0.00

NEPA___ENERGY 23901	55.99 -4.41 0.00	54.24 -4.27 0.00	54.18 -5.03 0.00	54.60 -4.81 0.00	55.52 -4.70 0.00	54.60 -4.30 0.00	59.24 -3.51 0.00	58.13 -5.13 -2.22	61.68 -4.00 -0.03	58.31 -4.53 -1.62	57.91 -4.95 -1.70	57.41 -5.31 -1.64	56.41 -5.23 -0.81	55.55 -5.89 -0.74	56.29 -5.84 -1.33	60.05 -3.21 -1.61	60.58 -3.44 -2.60	82.95 -4.67 -2.67	93.95 -4.50 -0.61	83.93 -4.24 -1.58	79.49 -3.92 0.00	71.39 -3.21 0.00	67.66 -3.11 -1.76	68.79 -1.76 0.00
NEVERSINK___HYD 23608	68.73 3.08 -5.25	66.58 2.64 -5.43	65.92 2.60 -4.10	65.66 2.55 -3.70	67.27 2.71 -4.34	67.33 3.06 -5.37	75.29 3.96 -8.59	90.55 3.91 -25.60	79.66 4.53 -9.48	73.48 3.86 -8.40	73.45 3.55 -8.74	72.55 3.48 -7.98	68.43 3.40 -4.19	68.05 3.22 -4.13	72.36 3.34 -8.22	73.50 4.00 -7.85	78.08 4.12 -12.54	104.29 6.45 -12.88	116.87 7.43 -11.61	99.68 6.32 -6.77	95.54 5.75 -6.38	86.28 4.78 -6.90	80.96 4.42 -7.53	82.15 4.16 -7.43
NEWKRMKL_115KV_TB1 55635	94.54 2.23 -31.90	93.60 2.11 -32.98	86.40 2.25 -24.94	84.21 2.32 -22.48	88.81 2.23 -26.36	93.70 2.18 -32.62	117.38 2.45 -52.18	138.79 2.32 -75.43	125.31 2.82 -56.84	90.86 2.76 -26.88	91.78 2.81 -27.80	83.24 2.93 -19.22	76.09 2.86 -12.40	74.62 2.79 -11.12	76.13 2.74 -12.59	82.67 2.84 -18.19	101.92 2.58 -37.92	127.12 3.23 -38.94	162.93 3.62 -61.48	130.27 3.12 -40.56	123.25 2.84 -37.01	119.07 2.54 -41.94	117.12 2.35 -45.77	118.02 2.33 -45.13
NEWTON___FALLS_HYD 23847	60.46 0.06 0.00	58.69 0.18 0.00	59.39 0.18 0.00	59.65 0.24 0.00	60.46 0.24 0.00	59.07 0.18 0.00	62.87 0.13 0.00	62.20 0.55 -0.61	65.85 0.20 -0.01	61.23 0.00 -0.01	61.05 -0.12 -0.01	61.07 -0.12 -0.11	60.78 -0.06 -0.01	60.73 0.00 -0.03	60.94 -0.12 -0.26	61.15 -0.62 -0.12	61.05 -0.37 0.00	84.70 -0.25 0.00	98.42 0.59 0.00	87.20 0.61 0.00	84.41 1.00 0.00	75.86 1.27 0.00	70.32 1.31 0.00	72.04 1.48 0.00
NGRID_A1_DSASP 323792	54.48 -5.92 0.00	52.84 -5.67 0.00	52.82 -6.40 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.18 -6.50 -0.03	56.11 -6.61 -1.50	56.44 -6.30 -1.58	56.08 -6.54 -1.53	53.51 -8.09 -0.76	53.65 -7.77 -0.71	54.88 -7.18 -1.25	57.54 -5.61 -1.50	57.14 -6.69 -2.41	78.26 -9.18 -2.48	88.03 -10.37 -0.57	77.59 -9.01 0.00	74.90 -8.51 0.00	67.43 -7.16 0.00	62.52 -6.49 0.00	65.69 -4.87 0.00
NGRID_A2_DSASP 323793	54.48 -5.92 0.00	52.84 -5.67 0.00	52.82 -6.40 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.18 -6.50 -0.03	56.11 -6.61 -1.50	56.44 -6.30 -1.58	56.08 -6.54 -1.53	53.51 -8.09 -0.76	53.65 -7.77 -0.71	54.88 -7.18 -1.25	57.54 -5.61 -1.50	57.14 -6.69 -2.41	78.26 -9.18 -2.48	88.03 -10.37 -0.57	77.59 -9.01 0.00	74.90 -8.51 0.00	67.43 -7.16 0.00	62.52 -6.49 0.00	65.69 -4.87 0.00
NGRID_A4_DSASP 323807	54.48 -5.92 0.00	52.84 -5.67 0.00	52.82 -6.40 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.18 -6.50 -0.03	56.11 -6.61 -1.50	56.44 -6.30 -1.58	56.08 -6.54 -1.53	53.51 -8.09 -0.76	53.65 -7.77 -0.71	54.88 -7.18 -1.25	57.54 -5.61 -1.50	57.14 -6.69 -2.41	78.26 -9.18 -2.48	88.03 -10.37 -0.57	77.59 -9.01 0.00	74.90 -8.51 0.00	67.43 -7.16 0.00	62.52 -6.49 0.00	65.69 -4.87 0.00
NIAGARA_115E_LBMP 323715	54.06 -6.34 0.00	52.43 -6.09 0.00	52.34 -6.87 0.00	52.76 -6.65 0.00	53.66 -6.56 0.00	52.65 -6.24 0.00	56.98 -5.77 0.00	56.67 -6.71 -2.35	59.12 -6.56 -0.03	55.87 -6.86 -1.50	56.08 -6.67 -1.58	55.83 -6.78 -1.53	53.51 -8.09 -0.76	53.53 -7.89 -0.71	54.63 -7.42 -1.25	57.54 -5.61 -1.50	57.14 -6.69 -2.41	78.26 -9.18 -2.48	88.23 -10.18 -0.57	77.68 -8.92 0.00	74.99 -8.42 0.00	67.51 -7.09 0.00	62.52 -6.49 0.00	65.62 -4.94 0.00
NIAGARA_115W_LBMP 323714	54.42 -5.98 0.00	52.78 -5.73 0.00	52.76 -6.45 0.00	53.17 -6.24 0.00	54.02 -6.20 0.00	53.01 -5.89 0.00	56.92 -5.83 0.00	56.79 -6.59 -2.35	59.05 -6.63 -0.03	56.05 -6.67 -1.50	56.32 -6.42 -1.58	55.96 -6.66 -1.52	53.38 -8.21 -0.76	53.58 -7.83 -0.71	54.75 -7.30 -1.25	57.41 -5.73 -1.50	57.01 -6.82 -2.41	78.08 -9.35 -2.47	87.94 -10.47 -0.57	77.41 -9.18 0.00	74.73 -8.68 0.00	67.36 -7.23 0.00	62.38 -6.62 0.00	65.55 -5.01 0.00
NIAGARA_230_LBMP 323716	54.66 -5.74 0.00	53.07 -5.44 0.00	53.05 -6.16 0.00	53.41 -6.00 0.00	54.32 -5.90 0.00	53.30 -5.60 0.00	57.61 -5.14 0.00	57.36 -6.04 -2.36	59.77 -5.91 -0.03	56.65 -6.06 -1.48	56.91 -5.81 -1.56	56.49 -6.11 -1.51	54.10 -7.48 -0.76	54.19 -7.23 -0.71	55.36 -6.69 -1.24	58.07 -5.05 -1.48	57.79 -6.02 -2.38	79.16 -8.24 -2.45	89.00 -9.39 -0.56	78.37 -8.23 0.00	75.65 -7.75 0.00	68.18 -6.42 0.00	63.07 -5.94 0.00	66.18 -4.37 0.00
NIAGARA___115KV_198_GIBSON 55903	54.42 -5.98 0.00	52.78 -5.73 0.00	52.76 -6.45 0.00	53.17 -6.24 0.00	54.02 -6.20 0.00	53.01 -5.89 0.00	56.91 -5.84 0.00	56.73 -6.65 -2.35	59.18 -6.50 -0.03	55.93 -6.80 -1.50	56.32 -6.42 -1.58	55.95 -6.66 -1.52	53.38 -8.21 -0.76	53.58 -7.83 -0.71	54.64 -7.42 -1.26	57.29 -5.86 -1.50	57.01 -6.82 -2.41	77.91 -9.52 -2.47	87.84 -10.57 -0.57	77.07 -9.53 0.00	74.48 -8.92 0.00	67.29 -7.31 0.00	62.17 -6.83 0.00	65.48 -5.08 0.00
NIAGARA____ 23760	54.66 -5.74 0.00	53.07 -5.44 0.00	53.05 -6.16 0.00	53.41 -6.00 0.00	54.32 -5.90 0.00	53.30 -5.60 0.00	57.61 -5.14 0.00	57.35 -6.04 -2.35	59.77 -5.91 -0.03	56.66 -6.06 -1.50	56.92 -5.81 -1.57	56.50 -6.11 -1.52	54.11 -7.48 -0.76	54.19 -7.23 -0.71	55.36 -6.69 -1.25	58.09 -5.05 -1.49	57.80 -6.02 -2.40	79.18 -8.24 -2.46	89.01 -9.39 -0.57	78.37 -8.23 0.00	75.65 -7.75 0.00	68.18 -6.42 0.00	63.07 -5.94 0.00	66.18 -4.37 0.00
NINE_MILE_1 23575	57.92 -2.48 0.00	56.06 -2.46 0.00	56.61 -2.60 0.00	56.86 -2.55 0.00	57.63 -2.59 0.00	56.60 -2.30 0.00	60.55 -2.20 0.00	60.41 -2.14 -1.51	63.50 -2.16 -0.01	59.04 -2.20 -0.01	58.98 -2.20 -0.01	59.09 -2.26 -0.26	58.35 -2.50 -0.01	58.23 -2.55 -0.07	59.02 -2.43 -0.65	59.91 -2.03 -0.29	59.33 -2.09 0.00	82.07 -2.89 0.00	94.41 -3.43 0.00	83.56 -3.03 0.00	80.41 -3.00 0.00	71.91 -2.68 0.00	66.45 -2.55 0.00	68.09 -2.47 0.00
NINE_MILE_2 23744	57.92 -2.48 0.00	56.06 -2.46 0.00	56.61 -2.60 0.00	56.86 -2.55 0.00	57.63 -2.59 0.00	56.60 -2.30 0.00	60.55 -2.20 0.00	60.40 -2.14 -1.50	63.50 -2.16 -0.01	59.04 -2.20 -0.01	58.98 -2.20 -0.01	59.09 -2.26 -0.26	58.35 -2.50 -0.01	58.23 -2.55 -0.07	59.08 -2.37 -0.65	59.90 -2.03 -0.29	59.33 -2.09 0.00	82.07 -2.89 0.00	94.41 -3.43 0.00	83.56 -3.03 0.00	80.41 -3.00 0.00	71.91 -2.68 0.00	66.45 -2.55 0.00	68.09 -2.47 0.00
NM_CAPITAL___DRP 24208	94.19 2.42 -31.37	93.17 2.22 -32.43	86.04 2.31 -24.52	83.89 2.38 -22.10	88.49 2.35 -25.92	93.27 2.30 -32.08	116.69 2.64 -51.31	137.97 2.44 -74.49	124.57 3.02 -55.89	90.64 2.88 -26.53	91.54 2.94 -27.44	83.10 2.99 -19.02	76.00 2.92 -12.25	74.62 2.91 -11.00	76.19 2.86 -12.53	82.68 3.02 -18.01	101.63 2.76 -37.45	126.97 3.57 -38.45	162.33 4.01 -60.49	132.22 3.46 -42.16	130.28 3.25 -43.62	118.67 2.83 -41.24	116.64 2.62 -45.01	117.55 2.61 -44.38

NM_CENTRAL___DRP 24181	59.01 -1.39 0.00	57.05 -1.46 0.00	57.61 -1.60 0.00	57.86 -1.54 0.00	58.71 -1.51 0.00	57.72 -1.18 0.00	61.87 -0.88 0.00	62.29 -0.79 -2.05	65.08 -0.59 -0.02	60.39 -0.86 -0.02	60.39 -0.80 -0.02	60.52 -0.92 -0.35	59.57 -1.28 -0.02	59.47 -1.34 -0.10	60.47 -1.22 -0.89	61.49 -0.55 -0.40	60.74 -0.68 0.00	84.19 -0.76 0.00	96.95 -0.88 0.00	85.73 -0.87 0.00	82.41 -1.00 0.00	73.63 -0.97 0.00	67.90 -1.10 0.00	69.57 -0.99 0.00
NM_FRONTIER___DRP 24179	54.42 -5.98 0.00	52.78 -5.73 0.00	52.76 -6.45 0.00	53.17 -6.24 0.00	54.02 -6.20 0.00	53.01 -5.89 0.00	56.91 -5.84 0.00	56.73 -6.65 -2.35	59.18 -6.50 -0.03	55.93 -6.80 -1.50	56.32 -6.42 -1.58	55.95 -6.66 -1.52	53.38 -8.21 -0.76	53.58 -7.83 -0.71	54.64 -7.42 -1.26	57.29 -5.86 -1.50	57.01 -6.82 -2.41	77.91 -9.52 -2.47	87.84 -10.57 -0.57	77.07 -9.53 0.00	74.48 -8.92 0.00	67.29 -7.31 0.00	62.17 -6.83 0.00	65.48 -5.08 0.00
NM_ST_REGIS___HYD 24053	60.16 -0.24 0.00	58.51 0.00 0.00	59.33 0.12 0.00	59.47 0.06 0.00	60.22 0.00 0.00	58.60 -0.29 0.00	61.81 -0.94 0.00	60.79 -0.55 -0.30	64.21 -1.44 0.00	60.00 -1.22 0.00	59.94 -1.22 0.00	60.04 -1.10 -0.05	59.98 -0.85 0.00	60.05 -0.67 -0.01	59.90 -1.03 -0.13	59.42 -2.28 -0.06	59.52 -1.90 0.00	82.15 -2.80 0.00	94.90 -2.93 0.00	84.17 -2.42 0.00	81.99 -1.42 0.00	74.22 -0.37 0.00	69.28 0.28 0.00	71.05 0.49 0.00
NORTHPORT___1 23551	87.74 5.01 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.17 4.28 -3.48	70.69 4.52 -5.95	73.01 4.71 -9.40	119.30 5.84 -50.71	142.73 5.80 -75.89	142.96 6.89 -70.41	122.37 6.25 -54.90	114.14 6.06 -46.92	95.44 5.92 -28.42	71.86 5.90 -5.13	71.86 5.83 -5.33	92.75 5.84 -26.12	100.23 6.47 -32.11	122.43 6.33 -54.68	162.05 9.18 -67.92	164.84 10.37 -56.64	139.06 8.92 -43.55	134.05 8.26 -42.38	125.95 7.09 -44.27	115.53 6.42 -40.10	115.90 6.14 -39.20
NORTHPORT___2 23552	87.74 5.01 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.17 4.28 -3.48	70.69 4.52 -5.95	73.01 4.71 -9.40	119.30 5.84 -50.71	142.73 5.80 -75.89	142.96 6.89 -70.41	122.37 6.25 -54.90	114.14 6.06 -46.92	95.44 5.92 -28.42	71.86 5.90 -5.13	71.86 5.83 -5.33	92.75 5.84 -26.12	100.23 6.47 -32.11	122.43 6.33 -54.68	162.05 9.18 -67.92	164.84 10.37 -56.64	139.06 8.92 -43.55	134.05 8.26 -42.38	125.95 7.09 -44.27	115.53 6.42 -40.10	115.90 6.14 -39.20
NORTHPORT___3 23553	86.47 3.75 -22.33	76.11 3.27 -14.32	69.30 3.20 -6.90	65.92 3.03 -3.48	69.36 3.19 -5.95	71.77 3.47 -9.40	117.92 4.46 -50.71	141.38 4.45 -75.89	141.38 5.32 -70.41	121.02 4.90 -54.90	112.85 4.77 -46.92	94.22 4.70 -28.42	70.65 4.68 -5.13	70.59 4.56 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	121.14 5.04 -54.68	159.25 6.37 -67.92	161.61 7.14 -56.64	136.72 6.58 -43.55	132.21 6.42 -42.38	124.38 5.52 -44.27	114.08 4.97 -40.10	114.34 4.58 -39.20
NORTHPORT___4 23650	86.47 3.75 -22.33	76.11 3.27 -14.32	69.30 3.20 -6.90	65.92 3.03 -3.48	69.36 3.19 -5.95	71.77 3.47 -9.40	117.92 4.46 -50.71	141.38 4.45 -75.89	141.38 5.32 -70.41	121.02 4.90 -54.90	112.85 4.77 -46.92	94.22 4.70 -28.42	70.65 4.68 -5.13	70.59 4.56 -5.33	91.53 4.62 -26.12	98.93 5.18 -32.11	121.14 5.04 -54.68	159.25 6.37 -67.92	161.61 7.14 -56.64	136.72 6.58 -43.55	132.21 6.42 -42.38	124.38 5.52 -44.27	114.08 4.97 -40.10	114.34 4.58 -39.20
NORTHPORT___IC 23718	87.74 5.01 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.17 4.28 -3.48	70.69 4.52 -5.95	73.01 4.71 -9.40	119.30 5.84 -50.71	142.73 5.80 -75.89	142.96 6.89 -70.41	122.37 6.24 -54.90	114.14 6.06 -46.92	95.44 5.93 -28.42	71.86 5.90 -5.13	71.86 5.83 -5.33	92.75 5.84 -26.12	100.17 6.41 -32.11	122.43 6.33 -54.68	161.96 9.09 -67.92	164.85 10.37 -56.64	139.06 8.92 -43.55	134.04 8.26 -42.38	125.95 7.09 -44.27	115.46 6.35 -40.10	115.90 6.14 -39.20
NORTH___COUNTRY_ESR 323785	58.59 -1.81 0.00	57.05 -1.46 0.00	57.85 -1.36 0.00	57.98 -1.43 0.00	58.72 -1.50 0.00	57.13 -1.77 0.00	59.99 -2.76 0.00	58.66 -2.38 0.00	62.30 -3.35 0.00	58.35 -2.88 0.00	58.29 -2.87 0.00	58.34 -2.75 0.00	58.28 -2.55 0.00	58.40 -2.31 0.00	58.19 -2.61 0.00	57.95 -3.70 0.00	58.35 -3.07 0.00	80.63 -4.33 0.00	93.14 -4.69 0.00	82.79 -3.81 0.00	80.66 -2.75 0.00	72.81 -1.79 0.00	67.90 -1.11 0.00	69.92 -0.64 0.00
NPX_GEN_1385_PROXY 323591	108.00 6.40 -41.20	107.10 5.85 -42.74	108.00 5.81 -42.98	108.00 5.65 -42.94	112.50 5.84 -46.44	121.50 6.07 -56.53	133.20 7.28 -63.18	158.69 7.20 -90.45	146.74 8.41 -72.68	132.00 7.65 -63.12	123.00 7.46 -54.38	107.00 7.33 -38.58	97.56 7.30 -29.44	91.70 7.16 -23.83	104.00 7.17 -36.03	123.80 7.89 -54.26	139.00 7.68 -69.90	164.00 11.13 -67.92	167.00 12.53 -56.64	153.00 10.91 -55.49	144.50 10.17 -50.92	133.10 8.80 -49.71	123.00 8.00 -45.99	119.40 7.76 -41.08
NPX_GEN_CSC 323557	87.98 5.25 -22.33	77.64 4.80 -14.32	70.78 4.68 -6.90	67.35 4.46 -3.48	70.93 4.76 -5.95	73.18 4.89 -9.40	119.61 6.15 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.61 6.49 -54.90	114.20 6.12 -46.92	95.44 5.92 -28.42	71.86 5.90 -5.13	71.81 5.77 -5.33	92.75 5.84 -26.12	99.86 6.10 -32.11	122.00 5.90 -54.68	161.97 9.09 -67.92	164.16 9.69 -56.64	138.28 8.14 -43.55	133.21 7.42 -42.38	125.35 6.49 -44.27	115.11 6.00 -40.10	115.83 6.07 -39.20
NSINS_S___GLNS_FALLS 23858	119.25 5.44 -53.41	118.94 5.21 -55.22	106.17 5.21 -41.74	102.15 5.11 -37.63	109.65 5.30 -44.13	118.81 5.30 -54.61	156.00 5.90 -87.35	178.19 5.68 -111.47	167.16 6.50 -95.01	107.55 5.76 -40.57	108.68 5.63 -41.89	93.38 5.50 -26.79	84.54 5.35 -18.36	81.98 5.22 -16.06	80.21 5.23 -14.18	92.52 5.86 -25.02	123.77 5.90 -56.45	151.41 8.50 -57.96	209.07 9.98 -101.26	165.69 8.75 -70.35	161.54 8.42 -69.71	152.34 7.53 -70.21	152.54 6.90 -76.63	153.25 7.13 -75.56
NUCOR_STEEL___DRP 24197	59.80 -0.60 0.00	57.81 -0.70 0.00	58.32 -0.89 0.00	58.58 -0.83 0.00	59.50 -0.72 0.00	58.49 -0.41 0.00	62.87 0.13 0.00	63.76 0.06 -2.66	66.00 0.33 -0.03	62.34 -0.12 -1.24	62.34 -0.12 -1.30	62.10 -0.24 -1.26	60.89 -0.61 -0.66	60.63 -0.73 -0.65	61.62 -0.61 -1.43	63.13 0.25 -1.24	63.65 0.25 -1.98	87.59 0.59 -2.04	98.99 0.68 -0.47	87.20 0.61 0.00	83.82 0.42 0.00	74.82 0.22 0.00	69.01 0.00 0.00	70.77 0.21 0.00
NUMBER_THREE_WT_PWR 323818	61.07 0.67 0.00	59.10 0.59 0.00	59.74 0.53 0.00	60.06 0.65 0.00	60.95 0.73 0.00	59.84 0.94 0.00	64.07 1.32 0.00	63.63 1.77 -0.82	67.43 1.77 -0.01	62.46 1.22 -0.01	62.27 1.10 -0.01	62.20 0.97 -0.14	61.75 0.91 -0.01	61.53 0.79 -0.04	62.07 0.91 -0.35	62.97 1.17 -0.16	62.77 1.35 0.00	87.25 2.29 0.00	102.13 4.30 0.00	90.40 3.81 0.00	87.16 3.76 0.00	77.87 3.28 0.00	71.84 2.83 0.00	73.66 3.10 0.00
NYISO_LBMP_REFERENCE 24008	60.40 0.00 0.00	58.51 0.00 0.00	59.21 0.00 0.00	59.41 0.00 0.00	60.22 0.00 0.00	58.90 0.00 0.00	62.75 0.00 0.00	61.04 0.00 0.00	65.65 0.00 0.00	61.22 0.00 0.00	61.16 0.00 0.00	61.09 0.00 0.00	60.83 0.00 0.00	60.71 0.00 0.00	60.80 0.00 0.00	61.64 0.00 0.00	61.42 0.00 0.00	84.96 0.00 0.00	97.83 0.00 0.00	86.60 0.00 0.00	83.41 0.00 0.00	74.60 0.00 0.00	69.01 0.00 0.00	70.56 0.00 0.00

NYPA_BRENTWD____GT 24164	88.22 5.50 -22.33	77.81 4.97 -14.32	71.02 4.91 -6.90	67.58 4.69 -3.48	71.17 5.00 -5.95	73.54 5.24 -9.40	119.93 6.46 -50.71	143.39 6.47 -75.89	143.61 7.55 -70.41	122.86 6.73 -54.90	114.56 6.48 -46.92	95.86 6.35 -28.42	72.23 6.27 -5.13	72.16 6.13 -5.33	93.12 6.20 -26.12	100.66 6.90 -32.11	122.92 6.82 -54.68	162.98 10.10 -67.92	166.01 11.54 -56.64	140.01 9.87 -43.55	134.88 9.09 -42.38	126.69 7.83 -44.27	116.15 7.04 -40.10	116.60 6.84 -39.20
NYPA_GOWANUS____GT5 24156	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NYPA_GOWANUS____GT6 24157	69.03 3.68 -4.94	66.78 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.52 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.71 5.13 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.72 4.92 -9.00	75.52 5.48 -8.39	136.42 5.28 -69.72	205.93 7.48 -113.50	255.88 8.51 -149.54	167.03 7.27 -73.15	128.60 6.68 -38.52	86.69 5.60 -6.50	81.13 5.03 -7.09	82.14 4.58 -6.99
NYPA_HARLEM__RVR__GT1 24160	68.41 3.08 -4.94	66.26 2.64 -5.11	65.56 2.49 -3.86	65.21 2.31 -3.48	66.65 2.35 -4.09	66.48 2.53 -5.05	74.34 3.51 -8.08	91.44 3.60 -26.80	79.39 4.79 -8.95	74.40 4.47 -8.70	74.64 4.41 -9.07	73.97 4.40 -8.48	69.59 4.38 -4.37	69.36 4.31 -4.35	74.11 4.32 -8.99	74.83 4.81 -8.37	79.11 4.61 -13.08	104.93 6.54 -13.43	116.59 7.53 -11.22	99.42 6.32 -6.50	95.60 5.75 -6.45	85.94 4.85 -6.50	80.65 4.55 -7.09	81.71 4.16 -6.99
NYPA_HARLEM__RVR__GT2 24161	68.41 3.08 -4.94	66.26 2.64 -5.11	65.56 2.49 -3.86	65.21 2.31 -3.48	66.65 2.35 -4.09	66.48 2.53 -5.05	74.34 3.51 -8.08	91.44 3.60 -26.80	79.39 4.79 -8.95	74.40 4.47 -8.70	74.64 4.41 -9.07	73.97 4.40 -8.48	69.59 4.38 -4.37	69.36 4.31 -4.35	74.11 4.32 -8.99	74.83 4.81 -8.37	79.11 4.61 -13.08	104.93 6.54 -13.43	116.59 7.53 -11.22	99.42 6.32 -6.50	95.60 5.75 -6.45	85.94 4.85 -6.50	80.65 4.55 -7.09	81.71 4.16 -6.99
NYPA_KENT____GT 24152	68.91 3.56 -4.94	66.67 3.04 -5.11	66.09 3.02 -3.86	65.80 2.91 -3.48	67.14 2.83 -4.09	67.07 3.12 -5.06	74.91 4.08 -8.09	91.94 4.09 -26.81	79.92 5.32 -8.96	74.89 4.96 -8.71	75.19 4.95 -9.08	74.53 4.95 -8.49	70.14 4.93 -4.38	69.86 4.79 -4.36	74.60 4.80 -9.00	75.33 5.30 -8.39	112.02 5.10 -45.51	162.89 7.22 -70.72	196.46 8.22 -90.40	138.27 7.01 -44.66	114.64 6.42 -24.81	86.47 5.37 -6.50	81.00 4.90 -7.09	82.00 4.45 -6.99
NYPA_POUCH1____GT 24155	68.85 3.50 -4.94	66.67 3.04 -5.11	66.15 3.08 -3.86	65.92 3.03 -3.48	67.02 2.71 -4.09	67.01 3.06 -5.06	74.79 3.96 -8.09	91.81 3.97 -26.81	79.92 5.32 -8.96	74.89 4.96 -8.71	75.19 4.95 -9.08	74.53 4.95 -8.49	70.14 4.93 -4.38	69.86 4.79 -4.36	74.55 4.75 -9.00	75.27 5.24 -8.39	136.18 5.04 -69.72	205.59 7.14 -113.50	255.59 8.22 -149.54	166.68 6.93 -73.15	128.26 6.34 -38.52	86.39 5.30 -6.50	80.86 4.76 -7.09	81.79 4.23 -6.99
NYPA_VERNON____GT2 24162	68.78 3.44 -4.94	66.55 2.92 -5.11	65.98 2.90 -3.86	65.69 2.79 -3.48	67.08 2.77 -4.09	67.01 3.06 -5.06	74.85 4.02 -8.09	91.94 4.09 -26.81	79.79 5.19 -8.96	74.77 4.84 -8.71	75.02 4.77 -9.08	74.35 4.77 -8.49	69.96 4.75 -4.38	69.67 4.61 -4.35	74.48 4.68 -9.00	75.21 5.18 -8.38	87.68 4.97 -21.29	119.94 7.05 -27.93	137.12 8.02 -31.27	109.60 6.84 -16.17	100.77 6.26 -11.10	86.31 5.22 -6.50	80.86 4.76 -7.09	81.86 4.30 -6.99
NYPA_VERNON____GT3 24163	68.78 3.44 -4.94	66.55 2.92 -5.11	65.98 2.90 -3.86	65.69 2.79 -3.48	67.08 2.77 -4.09	67.01 3.06 -5.06	74.85 4.02 -8.09	91.94 4.09 -26.81	79.79 5.19 -8.96	74.77 4.84 -8.71	75.02 4.77 -9.08	74.35 4.77 -8.49	69.96 4.75 -4.38	69.67 4.61 -4.35	74.48 4.68 -9.00	75.21 5.18 -8.38	87.68 4.97 -21.29	119.94 7.05 -27.93	137.12 8.02 -31.27	109.60 6.84 -16.17	100.77 6.26 -11.10	86.31 5.22 -6.50	80.86 4.76 -7.09	81.86 4.30 -6.99
NYPA__ASTORIA_CC1 323568	68.78 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.68 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.96 -8.09	91.81 3.97 -26.81	79.73 5.12 -8.96	74.72 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.83 4.62 -4.38	69.61 4.56 -4.35	74.36 4.56 -9.00	75.14 5.11 -8.38	79.42 4.92 -13.09	105.36 6.97 -13.44	116.98 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.14 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
NYPA__ASTORIA_CC2 323569	68.78 3.44 -4.94	66.49 2.87 -5.11	65.86 2.78 -3.86	65.57 2.68 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.79 3.96 -8.09	91.81 3.97 -26.81	79.73 5.12 -8.96	74.72 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.83 4.62 -4.38	69.61 4.56 -4.35	74.36 4.56 -9.00	75.14 5.11 -8.38	79.42 4.92 -13.09	105.36 6.97 -13.44	116.98 7.92 -11.23	99.78 6.67 -6.51	96.03 6.17 -6.46	86.24 5.14 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
NYPA__HOLTSVILL 23794	87.68 4.95 -22.33	77.34 4.51 -14.32	70.55 4.44 -6.90	67.11 4.22 -3.48	70.63 4.46 -5.95	72.89 4.60 -9.40	119.23 5.77 -50.71	142.79 5.86 -75.89	142.96 6.89 -70.41	122.30 6.18 -54.90	114.01 5.93 -46.92	95.25 5.74 -28.42	71.68 5.72 -5.13	71.68 5.65 -5.33	92.57 5.66 -26.12	99.92 6.16 -32.11	122.18 6.08 -54.68	161.87 9.00 -67.92	164.55 10.08 -56.64	138.72 8.57 -43.55	133.72 7.93 -42.38	125.65 6.79 -44.27	115.25 6.14 -40.10	115.76 5.99 -39.20
NYPA__HELLGATE_GT1 24158	68.53 3.20 -4.94	66.26 2.64 -5.11	65.56 2.49 -3.86	65.21 2.31 -3.48	66.65 2.35 -4.09	66.48 2.53 -5.05	74.34 3.51 -8.08	91.44 3.60 -26.80	79.39 4.79 -8.95	74.40 4.47 -8.70	74.64 4.41 -9.07	73.97 4.40 -8.48	69.59 4.38 -4.37	69.36 4.31 -4.35	74.11 4.32 -8.99	74.83 4.81 -8.37	79.11 4.61 -13.08	104.93 6.54 -13.43	116.59 7.53 -11.22	99.42 6.32 -6.50	95.60 5.75 -6.45	85.94 4.85 -6.50	80.65 4.55 -7.09	81.71 4.16 -6.99
NYPA__HELLGATE_GT2 24159	68.53 3.20 -4.94	66.26 2.64 -5.11	65.56 2.49 -3.86	65.21 2.31 -3.48	66.65 2.35 -4.09	66.48 2.53 -5.05	74.34 3.51 -8.08	91.44 3.60 -26.80	79.39 4.79 -8.95	74.40 4.47 -8.70	74.64 4.41 -9.07	73.97 4.40 -8.48	69.59 4.38 -4.37	69.36 4.31 -4.35	74.11 4.32 -8.99	74.83 4.81 -8.37	79.11 4.61 -13.08	104.93 6.54 -13.43	116.59 7.53 -11.22	99.42 6.32 -6.50	95.60 5.75 -6.45	85.94 4.85 -6.50	80.65 4.55 -7.09	81.71 4.16 -6.99
NYS_BARGE__HYD 23848	55.02 -5.38 0.00	53.36 -5.15 0.00	53.23 -5.98 0.00	53.65 -5.76 0.00	54.56 -5.66 0.00	53.60 -5.30 0.00	58.04 -4.71 0.00	57.77 -5.61 -2.35	60.30 -5.38 -0.03	56.94 -5.76 -1.47	57.08 -5.63 -1.54	56.72 -5.86 -1.49	54.53 -7.06 -0.75	54.48 -6.92 -0.70	55.59 -6.45 -1.23	58.55 -4.56 -1.47	58.31 -5.47 -2.36	79.90 -7.48 -2.42	90.17 -8.22 -0.56	79.32 -7.27 0.00	76.57 -6.84 0.00	68.92 -5.67 0.00	63.83 -5.18 0.00	66.89 -3.67 0.00

OAK ORCHARD___HYD 24046	57.32 -3.08 0.00	55.59 -2.92 0.00	55.66 -3.55 0.00	56.03 -3.38 0.00	56.97 -3.25 0.00	55.95 -2.94 0.00	60.49 -2.26 0.00	61.53 -2.19 -2.69	63.32 -2.36 -0.03	59.83 -2.63 -1.24	60.14 -2.32 -1.30	59.84 -2.51 -1.26	57.48 -4.02 -0.66	57.84 -3.52 -0.65	58.98 -2.92 -1.10	60.61 -2.28 -1.24	60.83 -2.58 -1.98	83.43 -3.56 -2.04	94.38 -3.92 -0.47	83.04 -3.55 0.00	79.98 -3.42 0.00	71.61 -2.99 0.00	66.17 -2.83 0.00	68.51 -2.05 0.00
OAKDALE___35_KV_LOAD 356122	62.31 -0.48 -2.40	60.35 -0.64 -2.48	60.31 -0.77 -1.87	60.38 -0.71 -1.69	61.54 -0.66 -1.98	60.94 -0.41 -2.45	66.79 0.13 -3.92	70.71 -0.49 -10.16	70.16 0.20 -4.31	64.46 -0.24 -3.48	64.30 -0.49 -3.62	63.51 -0.73 -3.16	62.07 -0.49 -1.72	61.40 -0.97 -1.67	62.73 -0.91 -2.85	64.92 0.18 -3.09	66.84 0.25 -5.17	90.86 0.59 -5.31	103.78 0.78 -5.17	90.29 0.61 -3.09	86.82 0.50 -2.91	78.12 0.37 -3.15	72.65 0.21 -3.43	74.44 0.49 -3.39
OCC_CHEM___DRP 24175	54.48 -5.92 0.00	52.84 -5.68 0.00	52.82 -6.39 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.31 -6.37 -0.03	55.99 -6.73 -1.50	56.44 -6.30 -1.58	56.02 -6.60 -1.53	53.44 -8.15 -0.76	53.65 -7.77 -0.71	54.77 -7.30 -1.26	57.41 -5.73 -1.50	57.14 -6.69 -2.41	78.09 -9.35 -2.48	87.93 -10.47 -0.57	77.24 -9.35 0.00	74.65 -8.76 0.00	67.44 -7.16 0.00	62.31 -6.69 0.00	65.62 -4.94 0.00
OH_GEN_PROXY 24063	54.78 -5.62 0.00	53.13 -5.38 0.00	53.11 -6.10 0.00	53.53 -5.88 0.00	54.38 -5.84 0.00	53.42 -5.48 0.00	57.67 -5.71 0.00	57.57 -5.92 -2.45	59.90 -5.78 -0.03	56.78 -5.94 -1.49	57.04 -5.69 -1.57	56.62 -5.98 -1.51	54.29 -7.30 -0.76	54.32 -7.10 -0.72	55.48 -6.57 -1.25	58.20 -4.93 -1.49	57.98 -5.84 -2.39	79.42 -7.99 -2.46	89.30 -9.10 -0.57	78.63 -7.97 0.00	75.90 -7.51 0.00	68.33 -6.27 0.00	63.21 -5.80 0.00	66.18 -4.37 0.00
OLIN_CORP_DRP 24177	54.18 -6.22 0.00	52.55 -5.97 0.00	52.52 -6.69 0.00	52.87 -6.53 0.00	53.78 -6.44 0.00	52.77 -6.13 0.00	57.10 -5.65 0.00	56.85 -6.53 -2.35	59.38 -6.30 -0.03	56.07 -6.67 -1.51	56.27 -6.48 -1.59	55.97 -6.66 -1.54	53.63 -7.97 -0.77	53.65 -7.77 -0.71	54.65 -7.42 -1.27	57.48 -5.67 -1.51	57.28 -6.57 -2.43	78.36 -9.09 -2.50	88.33 -10.08 -0.57	77.50 -9.09 0.00	74.90 -8.51 0.00	67.66 -6.94 0.00	62.52 -6.49 0.00	65.69 -4.87 0.00
OLIN_CORP_DSASP 323712	54.48 -5.92 0.00	52.84 -5.67 0.00	52.82 -6.40 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.50 -2.35	59.18 -6.50 -0.03	56.11 -6.61 -1.50	56.44 -6.30 -1.58	56.08 -6.54 -1.53	53.51 -8.09 -0.76	53.65 -7.77 -0.71	54.88 -7.18 -1.25	57.54 -5.61 -1.50	57.14 -6.69 -2.41	78.26 -9.18 -2.48	88.03 -10.37 -0.57	77.59 -9.01 0.00	74.90 -8.51 0.00	67.43 -7.16 0.00	62.52 -6.49 0.00	65.69 -4.87 0.00
ONEIDA_HERK_LFGE 323681	61.79 1.39 0.00	59.80 1.29 0.00	60.46 1.25 0.00	60.71 1.31 0.00	61.61 1.39 0.00	60.43 1.53 0.00	64.82 2.07 0.00	63.92 2.19 -0.68	68.02 2.36 -0.01	63.13 1.90 -0.01	62.82 1.65 -0.01	62.86 1.65 -0.12	62.42 1.58 -0.01	62.19 1.45 -0.03	62.67 1.58 -0.30	63.69 1.91 -0.13	63.44 2.02 0.00	88.10 3.15 0.00	102.24 4.41 0.00	90.50 3.90 0.00	87.07 3.67 0.00	77.73 3.13 0.00	71.69 2.69 0.00	73.45 2.89 0.00
ONEIDA___115KV_TB4 55905	62.03 1.63 0.00	59.98 1.46 0.00	60.69 1.48 0.00	60.89 1.49 0.00	61.85 1.63 0.00	60.78 1.88 0.00	65.26 2.51 0.00	64.76 2.44 -1.28	68.49 2.82 -0.01	63.44 2.20 -0.01	63.26 2.08 -0.01	63.20 1.89 -0.22	62.67 1.82 -0.01	62.41 1.64 -0.06	63.12 1.76 -0.55	64.24 2.34 -0.25	63.75 2.33 0.00	88.52 3.57 0.00	102.23 4.40 0.00	90.41 3.81 0.00	86.91 3.50 0.00	77.58 2.98 0.00	71.49 2.48 0.00	73.24 2.68 0.00
ONONDAGA_REF_OCCRA 23987	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.22 -1.19 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.31 -0.44 0.00	63.04 -0.43 -2.43	65.54 -0.13 -0.02	61.84 -0.49 -1.11	61.84 -0.49 -1.16	61.61 -0.61 -1.13	60.57 -0.85 -0.59	60.32 -0.97 -0.59	61.22 -0.85 -1.28	62.58 -0.18 -1.12	62.95 -0.25 -1.77	86.69 -0.08 -1.82	98.15 -0.10 -0.42	86.51 -0.09 0.00	83.07 -0.33 0.00	74.22 -0.37 0.00	68.45 -0.55 0.00	70.14 -0.42 0.00
ONONDAGA___COGEN 23986	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.37 -0.38 0.00	63.22 -0.12 -2.31	65.80 0.13 -0.02	62.02 -0.24 -1.04	62.08 -0.18 -1.10	61.85 -0.31 -1.07	60.78 -0.61 -0.56	60.53 -0.73 -0.55	61.31 -0.61 -1.12	62.76 0.06 -1.06	63.09 0.00 -1.67	86.93 0.25 -1.72	98.52 0.29 -0.40	86.85 0.26 0.00	83.49 0.08 0.00	74.52 -0.07 0.00	68.73 -0.28 0.00	70.42 -0.14 0.00
ONTARIO___LFGE 23819	59.25 -1.15 0.00	57.23 -1.29 0.00	57.62 -1.60 0.00	57.93 -1.48 0.00	58.89 -1.33 0.00	58.02 -0.88 0.00	62.69 -0.06 0.00	64.19 -0.49 -3.64	65.68 0.00 -0.03	61.94 -0.73 -1.45	61.77 -0.92 -1.52	61.33 -1.22 -1.47	60.30 -1.34 -0.80	59.94 -1.58 -0.81	60.53 -1.34 -1.07	63.15 0.06 -1.44	63.80 0.06 -2.32	87.51 0.17 -2.39	98.28 -0.10 -0.55	87.03 0.44 0.00	83.57 0.17 0.00	74.97 0.37 0.00	69.01 0.00 0.00	71.06 0.50 0.00
ORANGEVILLE_WT_PWR 323706	56.65 -5.01 -1.26	54.91 -4.92 -1.31	54.57 -5.63 -0.99	54.89 -5.41 -0.89	55.97 -5.30 -1.05	55.36 -4.83 -1.29	60.49 -4.33 -2.07	58.11 -5.61 -2.69	62.94 -4.99 -2.28	57.59 -5.57 -1.93	57.42 -5.75 -2.01	56.79 -6.11 -1.81	55.62 -6.02 -0.81	55.03 -6.31 -0.64	56.21 -5.96 -1.37	60.03 -3.39 -1.78	60.74 -3.56 -2.88	83.41 -4.51 -2.96	95.91 -4.69 -2.78	84.25 -3.98 -1.64	81.20 -3.75 -1.55	73.21 -3.06 -1.67	67.94 -2.90 -1.83	70.60 -1.76 -1.80
ORANGEVILLE___ESR 323794	56.65 -5.01 -1.26	54.91 -4.92 -1.31	54.57 -5.63 -0.99	54.89 -5.41 -0.89	55.97 -5.30 -1.05	55.36 -4.83 -1.29	60.49 -4.33 -2.07	58.11 -5.61 -2.69	62.94 -4.99 -2.28	57.59 -5.57 -1.93	57.42 -5.75 -2.01	56.79 -6.11 -1.81	55.62 -6.02 -0.81	55.03 -6.31 -0.64	56.21 -5.96 -1.37	60.03 -3.39 -1.78	60.74 -3.56 -2.88	83.41 -4.51 -2.96	95.91 -4.69 -2.78	84.25 -3.98 -1.64	81.20 -3.75 -1.55	73.21 -3.06 -1.67	67.94 -2.90 -1.83	70.60 -1.76 -1.80
OSWEGATCHIE___HYD 24044	60.46 0.06 0.00	58.69 0.18 0.00	59.39 0.18 0.00	59.65 0.24 0.00	60.46 0.24 0.00	59.08 0.18 0.00	62.88 0.13 0.00	62.20 0.55 -0.61	65.85 0.20 -0.01	61.17 -0.06 -0.01	61.05 -0.12 -0.01	61.07 -0.12 -0.11	60.78 -0.06 -0.01	60.73 0.00 -0.03	60.88 -0.18 -0.26	61.15 -0.62 -0.12	61.05 -0.37 0.00	84.53 -0.42 0.00	98.32 0.49 0.00	87.03 0.44 0.00	84.24 0.83 0.00	75.79 1.19 0.00	70.25 1.24 0.00	72.04 1.48 0.00
OSWEGO___5 23606	58.35 -2.05 0.00	56.46 -2.05 0.00	57.02 -2.19 0.00	57.27 -2.14 0.00	58.11 -2.11 0.00	57.01 -1.89 0.00	61.06 -1.69 0.00	61.00 -1.71 -1.67	64.03 -1.64 -0.02	59.46 -1.78 -0.02	59.47 -1.71 -0.02	59.55 -1.83 -0.29	58.78 -2.07 -0.02	58.66 -2.13 -0.08	59.52 -2.00 -0.72	60.43 -1.54 -0.33	59.76 -1.66 0.00	82.67 -2.29 0.00	95.20 -2.64 0.00	84.26 -2.33 0.00	81.07 -2.33 0.00	72.51 -2.09 0.00	66.94 -2.07 0.00	68.66 -1.90 0.00

OSWEGO___6 23613	58.35 -2.05 0.00	56.46 -2.05 0.00	57.02 -2.19 0.00	57.27 -2.14 0.00	58.11 -2.11 0.00	57.01 -1.89 0.00	61.06 -1.69 0.00	61.00 -1.71 -1.67	64.03 -1.64 -0.02	59.46 -1.78 -0.02	59.47 -1.71 -0.02	59.55 -1.83 -0.29	58.78 -2.07 -0.02	58.66 -2.13 -0.08	59.52 -2.00 -0.72	60.43 -1.54 -0.33	59.76 -1.66 0.00	82.67 -2.29 0.00	95.20 -2.64 0.00	84.26 -2.33 0.00	81.07 -2.33 0.00	72.51 -2.09 0.00	66.94 -2.07 0.00	68.66 -1.90 0.00
OUTOKUMPU-AB___DRP 24206	55.51 -4.89 0.00	53.77 -4.74 0.00	53.70 -5.51 0.00	54.12 -5.29 0.00	54.98 -5.24 0.00	54.01 -4.89 0.00	58.36 -4.39 0.00	57.87 -5.49 -2.32	60.76 -4.92 -0.03	57.36 -5.39 -1.53	57.39 -5.38 -1.60	57.02 -5.62 -1.55	55.04 -6.57 -0.77	54.74 -6.68 -0.72	55.69 -6.38 -1.28	58.79 -4.38 -1.52	58.84 -5.04 -2.45	80.51 -6.97 -2.52	90.78 -7.63 -0.58	79.58 -7.01 0.00	76.90 -6.51 0.00	69.45 -5.15 0.00	64.18 -4.83 0.00	67.38 -3.18 0.00
OXBOW___BTM 323836	54.84 -5.56 0.00	53.19 -5.32 0.00	53.11 -6.10 0.00	53.53 -5.88 0.00	54.38 -5.84 0.00	53.42 -5.48 0.00	57.54 -5.21 0.00	57.27 -6.10 -2.33	59.77 -5.91 -0.03	56.62 -6.12 -1.52	56.76 -5.99 -1.59	56.39 -6.23 -1.54	54.12 -7.48 -0.77	54.07 -7.35 -0.71	55.19 -6.87 -1.26	58.17 -4.99 -1.51	57.84 -6.02 -2.43	79.21 -8.24 -2.50	89.31 -9.10 -0.58	78.63 -7.97 0.00	75.82 -7.59 0.00	68.33 -6.27 0.00	63.28 -5.73 0.00	66.40 -4.16 0.00
OXBOW____ 24026	54.84 -5.56 0.00	53.19 -5.32 0.00	53.11 -6.10 0.00	53.53 -5.88 0.00	54.38 -5.84 0.00	53.42 -5.48 0.00	57.54 -5.21 0.00	57.21 -6.16 -2.33	59.90 -5.78 -0.03	56.56 -6.18 -1.52	56.76 -5.99 -1.59	56.40 -6.23 -1.54	54.12 -7.48 -0.77	54.07 -7.35 -0.71	55.08 -6.99 -1.27	57.98 -5.18 -1.51	57.83 -6.02 -2.43	79.13 -8.33 -2.50	89.21 -9.20 -0.58	78.20 -8.40 0.00	75.57 -7.84 0.00	68.26 -6.34 0.00	63.07 -5.93 0.00	66.40 -4.16 0.00
OXY_CHEM_DSASP 323612	54.48 -5.92 0.00	52.84 -5.68 0.00	52.82 -6.39 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.31 -6.37 -0.03	55.99 -6.73 -1.50	56.44 -6.30 -1.58	56.02 -6.60 -1.53	53.44 -8.15 -0.76	53.65 -7.77 -0.71	54.77 -7.30 -1.26	57.41 -5.73 -1.50	57.14 -6.69 -2.41	78.09 -9.35 -2.48	87.93 -10.47 -0.57	77.24 -9.35 0.00	74.65 -8.76 0.00	67.44 -7.16 0.00	62.31 -6.69 0.00	65.62 -4.94 0.00
OZONE_PARK_ESR 323760	69.03 3.68 -4.94	66.78 3.16 -5.11	66.15 3.08 -3.86	65.86 2.97 -3.48	67.32 3.01 -4.09	67.31 3.36 -5.05	75.16 4.33 -8.09	92.24 4.39 -26.81	80.06 5.45 -8.96	75.02 5.08 -8.71	75.20 4.95 -9.08	74.47 4.89 -8.49	70.14 4.93 -4.38	69.85 4.80 -4.35	74.66 4.86 -9.00	75.45 5.42 -8.38	79.66 5.16 -13.09	105.70 7.31 -13.44	117.57 8.51 -11.23	100.29 7.19 -6.51	96.53 6.67 -6.46	86.69 5.59 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	54.48 -5.92 0.00	52.84 -5.68 0.00	52.82 -6.39 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.31 -6.37 -0.03	55.99 -6.73 -1.50	56.44 -6.30 -1.58	56.02 -6.60 -1.53	53.44 -8.15 -0.76	53.65 -7.77 -0.71	54.77 -7.30 -1.26	57.41 -5.73 -1.50	57.14 -6.69 -2.41	78.09 -9.35 -2.48	87.93 -10.47 -0.57	77.24 -9.35 0.00	74.65 -8.76 0.00	67.44 -7.16 0.00	62.31 -6.69 0.00	65.62 -4.94 0.00
PACKARD__115KV_DUPONT_184 80571	54.48 -5.92 0.00	52.84 -5.68 0.00	52.82 -6.39 0.00	53.23 -6.18 0.00	54.08 -6.14 0.00	53.07 -5.83 0.00	57.04 -5.71 0.00	56.85 -6.53 -2.35	59.31 -6.37 -0.03	55.99 -6.73 -1.50	56.44 -6.30 -1.58	56.02 -6.60 -1.53	53.44 -8.15 -0.76	53.65 -7.77 -0.71	54.77 -7.30 -1.26	57.41 -5.73 -1.50	57.14 -6.69 -2.41	78.09 -9.35 -2.48	87.93 -10.47 -0.57	77.24 -9.35 0.00	74.65 -8.76 0.00	67.44 -7.16 0.00	62.31 -6.69 0.00	65.62 -4.94 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	68.79 3.44 -4.94	66.38 2.75 -5.11	65.74 2.66 -3.86	65.39 2.50 -3.48	66.83 2.53 -4.09	66.66 2.71 -5.06	74.47 3.64 -8.09	91.57 3.72 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.71 4.46 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.17 4.67 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.62 5.76 -6.46	86.02 4.92 -6.50	80.65 4.55 -7.09	81.79 4.23 -6.99
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	69.21 3.87 -4.94	66.79 3.16 -5.11	66.15 3.08 -3.86	65.80 2.91 -3.48	67.26 2.95 -4.09	67.07 3.12 -5.06	74.91 4.08 -8.09	92.00 4.15 -26.81	79.86 5.25 -8.96	74.83 4.90 -8.71	75.01 4.77 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.67 4.61 -4.35	74.48 4.68 -9.00	75.27 5.24 -8.38	79.54 5.04 -13.09	105.44 7.05 -13.44	117.18 8.12 -11.23	100.03 6.93 -6.51	96.20 6.34 -6.46	86.47 5.37 -6.50	81.14 5.04 -7.09	82.28 4.73 -6.99
PATROON__115KV_TB1 80586	97.51 2.42 -34.69	96.60 2.22 -35.87	88.69 2.37 -27.11	86.29 2.44 -24.45	91.30 2.41 -28.67	96.67 2.30 -35.47	122.13 2.64 -56.74	143.58 2.44 -80.10	130.46 3.02 -61.79	92.82 2.94 -28.66	93.79 3.00 -29.63	84.34 3.05 -20.20	76.98 2.98 -13.17	75.38 2.91 -11.76	76.52 2.92 -12.80	83.74 3.02 -19.08	104.50 2.76 -40.32	129.84 3.48 -41.40	168.38 3.91 -66.64	135.25 3.38 -45.28	130.54 3.17 -43.96	123.04 2.83 -45.60	121.40 2.62 -49.77	122.18 2.54 -49.08
PATTRSNVILLE__SOLAR 323815	120.56 2.90 -57.26	120.40 2.69 -59.20	106.69 2.73 -44.75	102.43 2.68 -40.34	110.30 2.77 -47.31	120.27 2.83 -58.54	159.72 3.32 -93.64	182.68 3.17 -118.47	171.17 3.67 -101.85	107.28 3.12 -42.94	108.49 3.00 -44.33	92.09 2.81 -28.19	83.14 2.92 -19.39	80.49 2.85 -16.93	78.41 2.92 -14.69	91.27 3.33 -26.30	124.42 3.38 -59.63	151.10 4.93 -61.22	211.94 5.77 -108.34	166.48 5.11 -74.77	160.96 4.84 -72.71	154.11 4.25 -75.26	155.02 3.86 -82.15	155.37 3.81 -81.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	56.72 -3.68 0.00	54.89 -3.63 0.00	54.83 -4.38 0.00	55.25 -4.16 0.00	56.19 -4.03 0.00	55.19 -3.71 0.00	59.80 -2.95 0.00	57.40 -6.10 -2.47	61.88 -3.81 -0.03	58.65 -4.22 -1.65	57.21 -5.69 -1.74	56.47 -6.29 -1.67	57.90 -3.77 -0.84	55.16 -6.31 -0.77	55.23 -6.93 -1.36	60.15 -3.14 -1.65	61.06 -3.01 -2.65	83.52 -4.16 -2.72	94.06 -4.40 -0.63	82.44 -4.16 0.00	79.57 -3.84 0.00	71.61 -2.98 0.00	66.18 -2.83 0.00	69.15 -1.41 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	69.18 3.68 -5.10	67.00 3.22 -5.27	66.45 3.26 -3.98	66.15 3.15 -3.59	67.68 3.25 -4.21	67.64 3.53 -5.21	75.60 4.52 -8.33	92.69 4.39 -27.26	80.20 5.32 -9.23	74.80 4.71 -8.87	74.99 4.59 -9.24	74.22 4.52 -8.61	69.73 4.44 -4.45	69.44 4.31 -4.42	74.28 4.38 -9.10	75.14 4.99 -8.50	79.52 4.79 -13.31	105.67 7.05 -13.66	117.49 8.12 -11.53	100.18 7.01 -6.57	96.02 6.42 -6.19	86.74 5.45 -6.70	81.28 4.97 -7.31	82.35 4.59 -7.21
PEEKSKILL____ 23653	68.07 2.78 -4.89	65.91 2.34 -5.06	65.41 2.37 -3.82	65.11 2.26 -3.45	66.55 2.29 -4.04	66.49 2.59 -5.00	74.14 3.39 -8.00	90.93 3.35 -26.53	78.65 4.14 -8.86	73.64 3.80 -8.62	73.82 3.67 -8.99	73.16 3.67 -8.41	68.82 3.65 -4.34	68.53 3.52 -4.31	73.29 3.59 -8.91	74.01 4.07 -8.30	78.24 3.87 -12.95	103.86 5.61 -13.30	115.40 6.46 -11.11	98.50 5.46 -6.44	94.79 5.00 -6.38	85.43 4.40 -6.43	79.75 3.72 -7.02	80.80 3.32 -6.92

PGE MADISON___WINDPWR 24146	67.46 3.62 -3.44	65.40 3.33 -3.55	65.03 3.14 -2.68	65.09 3.27 -2.42	66.55 3.49 -2.84	66.53 4.12 -3.51	73.95 5.58 -5.62	78.09 5.19 -11.87	77.65 5.84 -6.16	69.98 4.53 -4.23	69.66 4.10 -4.40	68.11 3.48 -3.54	66.30 3.40 -2.06	65.45 2.79 -1.95	67.65 3.28 -3.57	70.06 4.99 -3.42	73.22 5.59 -6.21	100.85 9.51 -6.38	116.69 11.73 -7.12	101.76 10.74 -4.43	97.84 10.26 -4.18	87.98 8.87 -4.51	81.59 7.66 -4.93	83.74 8.32 -4.86
PIERCEFIELD___HYD 23852	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.24 0.00	61.87 -0.88 0.00	60.82 -0.55 -0.33	64.28 -1.38 0.00	60.06 -1.16 0.00	60.07 -1.10 0.00	60.11 -1.04 -0.06	60.04 -0.79 0.00	60.11 -0.61 -0.02	59.97 -0.97 -0.14	59.43 -2.28 -0.06	59.39 -2.03 0.00	81.98 -2.97 0.00	94.80 -3.03 0.00	84.00 -2.60 0.00	81.82 -1.58 0.00	74.07 -0.52 0.00	69.08 0.07 0.00	70.77 0.21 0.00
PINELAWN_CC_1 323563	87.44 4.71 -22.33	77.05 4.22 -14.32	70.31 4.20 -6.90	66.87 3.98 -3.48	70.38 4.21 -5.95	72.77 4.47 -9.40	119.04 5.58 -50.71	142.48 5.55 -75.89	142.69 6.63 -70.41	122.06 5.94 -54.90	113.89 5.81 -46.92	95.19 5.68 -28.42	71.55 5.59 -5.13	71.56 5.52 -5.33	92.51 5.59 -26.12	99.98 6.22 -32.11	122.24 6.14 -54.68	161.79 8.92 -67.92	164.65 10.17 -56.64	138.80 8.66 -43.55	133.88 8.09 -42.38	125.72 6.86 -44.27	115.25 6.14 -40.10	115.61 5.85 -39.20
PJM_GEN_HTP_PROXY 323702	68.48 3.14 -4.94	66.32 2.69 -5.11	65.74 2.67 -3.86	65.44 2.55 -3.48	66.89 2.59 -4.08	66.84 2.89 -5.05	74.66 3.83 -8.08	91.63 3.79 -26.81	79.39 4.79 -8.95	74.35 4.41 -8.71	74.58 4.34 -9.08	73.85 4.27 -8.49	69.47 4.26 -4.38	69.24 4.19 -4.35	74.05 4.25 -9.00	74.77 4.75 -8.38	79.05 4.55 -13.08	104.84 6.45 -13.43	116.40 7.34 -11.23	99.34 6.24 -6.51	95.61 5.75 -6.45	85.87 4.78 -6.50	80.38 4.28 -7.09	81.43 3.88 -6.99
PJM_GEN_KEystone 24065	62.82 -0.79 -3.21	60.89 -0.94 -3.32	60.53 -1.18 -2.51	60.48 -1.19 -2.26	61.72 -1.15 -2.65	61.35 -0.82 -3.28	67.81 -0.19 -5.25	76.78 -0.98 -16.72	71.39 -0.07 -5.81	66.32 -0.43 -5.52	66.19 -0.73 -5.75	65.52 -0.91 -5.35	62.93 -0.67 -2.76	62.22 -1.21 -2.73	56.70 -1.22 2.88	56.80 0.25 5.09	65.05 -0.06 -3.69	79.30 0.09 5.74	85.00 0.10 12.93	76.26 0.00 10.34	74.70 -0.17 8.54	68.88 -0.22 5.49	68.78 -0.27 -0.05	57.50 0.00 13.06
PJM_GEN_NEPTUNE_PROXY 323594	78.20 3.75 -14.05	71.79 3.27 -10.00	67.94 3.25 -5.47	65.98 3.09 -3.48	68.54 3.25 -5.07	69.73 3.47 -7.36	97.92 4.46 -30.71	118.30 4.40 -52.86	112.55 5.32 -41.58	99.35 4.90 -33.23	95.10 4.77 -29.16	84.86 4.70 -19.07	70.29 4.68 -4.78	70.19 4.61 -4.87	83.50 4.62 -18.09	87.80 5.18 -20.98	101.56 4.97 -35.17	134.45 7.14 -42.36	141.29 8.12 -35.34	119.78 7.01 -26.17	115.44 6.51 -25.53	106.59 5.44 -26.55	98.52 4.90 -24.62	99.23 4.58 -24.09
PJM_GEN_VFT_PROXY 323633	68.12 2.78 -4.94	65.90 2.28 -5.10	65.32 2.25 -3.86	65.02 2.14 -3.48	66.46 2.16 -4.08	66.42 2.47 -5.05	74.21 3.39 -8.08	91.26 3.42 -26.80	79.00 4.40 -8.95	74.03 4.10 -8.70	74.22 3.97 -9.08	73.55 3.97 -8.49	69.16 3.95 -4.38	68.95 3.89 -4.35	73.75 3.95 -9.00	74.47 4.44 -8.38	76.56 4.18 -10.96	83.42 5.94 7.48	88.54 6.85 16.14	76.59 5.80 15.81	77.38 5.26 11.28	83.56 4.32 -4.64	80.02 3.93 -7.08	81.00 3.46 -6.99
PLATSBURG_115KV_PMLD1 355749	59.31 -1.09 0.00	57.69 -0.82 0.00	58.50 -0.71 0.00	58.64 -0.77 0.00	59.38 -0.84 0.00	57.78 -1.12 0.00	60.55 -2.20 0.00	59.21 -1.83 0.00	62.89 -2.76 0.00	58.84 -2.39 0.00	58.78 -2.39 0.00	58.77 -2.32 0.00	58.70 -2.13 0.00	58.76 -1.94 0.00	58.61 -2.19 0.00	58.56 -3.08 0.00	58.96 -2.46 0.00	81.39 -3.57 0.00	94.02 -3.82 0.00	83.65 -2.94 0.00	81.57 -1.83 0.00	73.70 -0.90 0.00	68.73 -0.28 0.00	71.12 0.56 0.00
PLEASANTVLY___LBMP 24000	68.39 2.78 -5.21	66.30 2.40 -5.39	65.71 2.43 -4.07	65.46 2.38 -3.67	66.93 2.41 -4.31	66.82 2.59 -5.33	74.66 3.39 -8.52	92.37 3.30 -28.04	79.09 4.00 -9.44	74.01 3.67 -9.11	74.27 3.61 -9.49	73.56 3.60 -8.87	69.00 3.59 -4.58	68.71 3.46 -4.55	73.71 3.53 -9.38	74.34 3.95 -8.75	78.91 3.81 -13.68	104.44 5.44 -14.05	115.81 6.16 -11.81	98.76 5.28 -6.88	95.19 4.92 -6.87	85.55 4.10 -6.85	80.21 3.73 -7.48	81.32 3.39 -7.37
PLSNTVLE_13_KV_13.8KVDIST 80602	68.45 3.08 -4.97	66.35 2.69 -5.14	65.76 2.66 -3.89	65.47 2.55 -3.50	66.92 2.59 -4.11	66.87 2.89 -5.09	74.59 3.70 -8.13	91.70 3.66 -26.99	79.19 4.53 -9.01	74.16 4.16 -8.77	74.40 4.10 -9.14	73.67 4.03 -8.55	69.26 4.01 -4.41	68.97 3.89 -4.38	73.82 3.95 -9.06	74.52 4.44 -8.44	78.89 4.30 -13.17	104.60 6.12 -13.53	116.18 7.04 -11.30	99.12 5.98 -6.55	95.41 5.50 -6.50	85.76 4.62 -6.54	80.28 4.14 -7.14	81.40 3.81 -7.04
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	68.45 3.08 -4.97	66.35 2.69 -5.14	65.76 2.66 -3.89	65.47 2.55 -3.50	66.92 2.59 -4.11	66.87 2.89 -5.09	74.59 3.70 -8.13	91.70 3.66 -26.99	79.19 4.53 -9.01	74.16 4.16 -8.77	74.40 4.10 -9.14	73.67 4.03 -8.55	69.26 4.01 -4.41	68.97 3.89 -4.38	73.82 3.95 -9.06	74.52 4.44 -8.44	78.89 4.30 -13.17	104.60 6.12 -13.53	116.18 7.04 -11.30	99.12 5.98 -6.55	95.41 5.50 -6.50	85.76 4.62 -6.54	80.28 4.14 -7.14	81.40 3.81 -7.04
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	69.21 3.26 -5.55	67.06 2.81 -5.74	66.39 2.84 -4.34	66.11 2.79 -3.91	67.70 2.89 -4.59	67.70 3.12 -5.68	75.78 3.95 -9.08	93.16 3.91 -28.22	80.29 4.60 -10.04	74.60 4.16 -9.22	74.80 4.04 -9.60	73.91 3.97 -8.85	69.34 3.89 -4.61	69.03 3.76 -4.56	73.92 3.89 -9.23	74.74 4.38 -8.72	79.57 4.36 -13.79	105.49 6.37 -14.16	117.57 7.34 -12.40	100.15 6.23 -7.32	96.42 5.76 -7.26	86.74 4.85 -7.30	81.39 4.42 -7.97	82.51 4.09 -7.86
POLETTI___ 23519	68.36 3.02 -4.94	66.20 2.57 -5.11	65.62 2.55 -3.86	65.33 2.44 -3.48	66.77 2.47 -4.09	66.72 2.77 -5.06	74.54 3.70 -8.09	91.57 3.72 -26.81	79.27 4.66 -8.96	74.28 4.35 -8.71	74.52 4.28 -9.08	73.79 4.22 -8.49	69.47 4.26 -4.38	69.19 4.13 -4.35	74.00 4.20 -9.00	74.77 4.75 -8.38	78.99 4.48 -13.09	104.68 6.29 -13.44	116.30 7.24 -11.23	99.26 6.15 -6.51	95.45 5.59 -6.46	85.79 4.70 -6.50	80.31 4.21 -7.09	81.36 3.81 -6.99
POMONA___ESR 323819	67.75 2.60 -4.75	65.59 2.17 -4.91	65.05 2.13 -3.71	64.78 2.02 -3.35	66.25 2.11 -3.93	66.12 2.36 -4.86	73.72 3.20 -7.77	89.98 3.11 -25.83	78.07 3.81 -8.61	73.05 3.43 -8.40	73.21 3.30 -8.75	72.51 3.24 -8.19	68.34 3.28 -4.22	68.12 3.22 -4.20	72.70 3.22 -8.68	73.42 3.70 -8.08	77.53 3.50 -12.61	103.00 5.10 -12.95	114.51 5.87 -10.80	97.65 4.93 -6.12	93.68 4.50 -5.78	84.50 3.65 -6.25	79.14 3.31 -6.82	80.24 2.96 -6.72
PORT_JEFF_3 23555	87.86 5.13 -22.33	77.52 4.68 -14.32	70.73 4.62 -6.90	67.29 4.40 -3.48	70.81 4.64 -5.95	73.13 4.83 -9.40	119.49 6.02 -50.71	143.03 6.10 -75.89	143.29 7.22 -70.41	122.55 6.43 -54.90	114.20 6.12 -46.92	95.50 5.99 -28.42	71.93 5.96 -5.13	71.86 5.83 -5.33	92.81 5.90 -26.12	100.17 6.41 -32.11	122.43 6.33 -54.68	162.30 9.43 -67.92	165.04 10.57 -56.64	139.15 9.01 -43.55	134.13 8.34 -42.38	126.03 7.16 -44.27	115.53 6.42 -40.10	116.04 6.28 -39.20

PORT_JEFF_4 23616	87.86 5.13 -22.33	77.52 4.68 -14.32	70.73 4.62 -6.90	67.29 4.40 -3.48	70.81 4.64 -5.95	73.13 4.83 -9.40	119.49 6.02 -50.71	143.03 6.10 -75.89	143.29 7.22 -70.41	122.55 6.43 -54.90	114.20 6.12 -46.92	95.50 5.99 -28.42	71.93 5.96 -5.13	71.86 5.83 -5.33	92.81 5.90 -26.12	100.17 6.41 -32.11	122.43 6.33 -54.68	162.30 9.43 -67.92	165.04 10.57 -56.64	139.15 9.01 -43.55	134.13 8.34 -42.38	126.03 7.16 -44.27	115.53 6.42 -40.10	116.04 6.28 -39.20
PORT_JEFF_IC 23713	87.92 5.19 -22.33	77.58 4.74 -14.32	70.73 4.62 -6.90	67.35 4.46 -3.48	70.87 4.70 -5.95	73.19 4.89 -9.40	119.55 6.09 -50.71	143.09 6.16 -75.89	143.35 7.29 -70.41	122.61 6.49 -54.90	114.26 6.18 -46.92	95.56 6.05 -28.42	71.98 6.02 -5.13	71.92 5.89 -5.33	92.87 5.96 -26.12	100.23 6.47 -32.11	122.49 6.39 -54.68	162.39 9.52 -67.92	165.14 10.66 -56.64	139.15 9.01 -43.55	134.13 8.34 -42.38	126.10 7.24 -44.27	115.60 6.49 -40.10	116.11 6.35 -39.20
PPL_PILGRIM_ST_GT1 24216	88.22 5.50 -22.33	77.81 4.97 -14.32	71.02 4.91 -6.90	67.58 4.69 -3.48	71.17 5.00 -5.95	73.54 5.24 -9.40	119.93 6.46 -50.71	143.39 6.47 -75.89	143.61 7.55 -70.41	122.86 6.73 -54.90	114.56 6.48 -46.92	95.86 6.35 -28.42	72.23 6.27 -5.13	72.16 6.13 -5.33	93.12 6.20 -26.12	100.66 6.90 -32.11	122.92 6.82 -54.68	162.98 10.10 -67.92	166.01 11.54 -56.64	140.01 9.87 -43.55	134.88 9.09 -42.38	126.69 7.83 -44.27	116.15 7.04 -40.10	116.60 6.84 -39.20
PPL_PILGRIM_ST_GT2 24217	88.22 5.50 -22.33	77.81 4.97 -14.32	71.02 4.91 -6.90	67.58 4.69 -3.48	71.17 5.00 -5.95	73.54 5.24 -9.40	119.93 6.46 -50.71	143.39 6.47 -75.89	143.61 7.55 -70.41	122.86 6.73 -54.90	114.56 6.48 -46.92	95.86 6.35 -28.42	72.23 6.27 -5.13	72.16 6.13 -5.33	93.12 6.20 -26.12	100.66 6.90 -32.11	122.92 6.82 -54.68	162.98 10.10 -67.92	166.01 11.54 -56.64	140.01 9.87 -43.55	134.88 9.09 -42.38	126.69 7.83 -44.27	116.15 7.04 -40.10	116.60 6.84 -39.20
PPL_SHRM_GT3 24213	88.04 5.32 -22.33	77.69 4.85 -14.32	70.90 4.79 -6.90	67.47 4.57 -3.48	70.99 4.82 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.21 6.29 -75.89	143.48 7.42 -70.41	122.68 6.55 -54.90	114.26 6.17 -46.92	95.50 5.99 -28.42	71.93 5.96 -5.13	71.86 5.83 -5.33	92.81 5.90 -26.12	99.92 6.16 -32.11	122.06 5.96 -54.68	162.05 9.18 -67.92	164.35 9.88 -56.64	138.46 8.31 -43.55	133.38 7.59 -42.38	125.50 6.64 -44.27	115.25 6.14 -40.10	115.90 6.14 -39.20
PPL_SHRM_GT4 24214	88.04 5.32 -22.33	77.69 4.85 -14.32	70.90 4.79 -6.90	67.47 4.57 -3.48	70.99 4.82 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.21 6.29 -75.89	143.48 7.42 -70.41	122.68 6.55 -54.90	114.26 6.17 -46.92	95.50 5.99 -28.42	71.93 5.96 -5.13	71.86 5.83 -5.33	92.81 5.90 -26.12	99.92 6.16 -32.11	122.06 5.96 -54.68	162.05 9.18 -67.92	164.35 9.88 -56.64	138.46 8.31 -43.55	133.38 7.59 -42.38	125.50 6.64 -44.27	115.25 6.14 -40.10	115.90 6.14 -39.20
PROJECT___ORANGE 1 24174	59.07 -1.33 0.00	57.11 -1.40 0.00	57.67 -1.54 0.00	57.86 -1.54 0.00	58.77 -1.45 0.00	57.78 -1.12 0.00	61.93 -0.82 0.00	62.32 -0.79 -2.07	65.08 -0.59 -0.02	60.39 -0.86 -0.02	60.39 -0.80 -0.02	60.53 -0.92 -0.36	59.57 -1.28 -0.02	59.47 -1.34 -0.10	60.48 -1.22 -0.90	61.49 -0.55 -0.40	60.74 -0.68 0.00	84.19 -0.76 0.00	96.95 -0.88 0.00	85.82 -0.78 0.00	82.49 -0.92 0.00	73.63 -0.97 0.00	67.97 -1.04 0.00	69.64 -0.92 0.00
PROJECT___ORANGE 2 24166	59.07 -1.33 0.00	57.11 -1.40 0.00	57.67 -1.54 0.00	57.86 -1.54 0.00	58.77 -1.45 0.00	57.78 -1.12 0.00	61.93 -0.82 0.00	62.32 -0.79 -2.07	65.08 -0.59 -0.02	60.39 -0.86 -0.02	60.39 -0.80 -0.02	60.53 -0.92 -0.36	59.57 -1.28 -0.02	59.47 -1.34 -0.10	60.48 -1.22 -0.90	61.49 -0.55 -0.40	60.74 -0.68 0.00	84.19 -0.76 0.00	96.95 -0.88 0.00	85.82 -0.78 0.00	82.49 -0.92 0.00	73.63 -0.97 0.00	67.97 -1.04 0.00	69.64 -0.92 0.00
PUCKETT___SOLAR 323809	64.09 0.78 -2.91	62.11 0.59 -3.01	61.90 0.42 -2.27	61.93 0.47 -2.05	63.23 0.60 -2.40	62.76 0.88 -2.97	69.20 1.69 -4.76	73.33 1.10 -11.19	72.58 1.70 -5.22	66.13 0.98 -3.93	65.86 0.61 -4.09	64.78 0.25 -3.44	63.19 0.43 -1.93	62.49 -0.06 -1.84	64.04 0.06 -3.18	66.47 1.48 -3.35	68.89 1.66 -5.81	93.89 2.97 -5.97	107.61 3.62 -6.16	93.63 3.29 -3.75	89.94 3.00 -3.53	80.95 2.54 -3.82	75.32 2.14 -4.17	77.14 2.47 -4.11
PYRITES___HYD 24023	61.25 0.85 0.00	59.63 1.11 0.00	60.40 1.18 0.00	60.60 1.19 0.00	61.30 1.08 0.00	59.66 0.77 0.00	63.00 0.25 0.00	61.90 0.55 -0.31	65.33 -0.33 0.00	60.92 -0.31 0.00	60.80 -0.37 0.00	60.84 -0.31 -0.05	60.83 0.00 0.00	60.90 0.18 -0.01	60.81 -0.12 -0.13	60.47 -1.23 -0.06	60.62 -0.80 0.00	83.77 -1.19 0.00	96.66 -1.17 0.00	85.73 -0.87 0.00	83.41 0.00 0.00	75.27 0.67 0.00	70.11 1.10 0.00	71.90 1.34 0.00
QUAKERRD_115KV_BK1 80622	56.47 -3.93 0.00	54.77 -3.74 0.00	54.95 -4.26 0.00	55.31 -4.10 0.00	56.19 -4.03 0.00	55.19 -3.71 0.00	59.61 -3.14 0.00	60.60 -3.05 -2.61	62.52 -3.15 -0.03	58.87 -3.55 -1.20	59.24 -3.18 -1.26	59.01 -3.30 -1.22	56.85 -4.62 -0.64	57.15 -4.19 -0.63	58.12 -3.77 -1.09	59.77 -3.08 -1.20	59.96 -3.38 -1.92	82.26 -4.67 -1.97	93.00 -5.28 -0.45	81.75 -4.85 0.00	78.74 -4.67 0.00	70.57 -4.03 0.00	65.07 -3.93 0.00	67.38 -3.18 0.00
QUENSBRY_115KV_TB8 356137	119.78 5.68 -53.70	119.41 5.38 -55.52	106.57 5.39 -41.97	102.53 5.29 -37.84	110.13 5.54 -44.37	119.28 5.48 -54.91	156.72 6.15 -87.82	178.92 5.92 -111.96	167.87 6.70 -95.53	107.98 6.00 -40.75	109.12 5.87 -42.08	93.67 5.68 -26.90	84.87 5.60 -18.44	82.29 5.46 -16.12	80.48 5.47 -14.21	92.86 6.10 -25.11	124.26 6.14 -56.70	152.01 8.84 -58.22	209.99 10.37 -101.79	166.29 9.01 -70.69	162.06 8.67 -69.98	153.02 7.83 -70.59	153.16 7.11 -77.04	153.86 7.34 -75.97
RAMAPO___LBMP 323565	67.55 2.42 -4.73	65.40 1.99 -4.89	64.92 2.01 -3.70	64.64 1.90 -3.33	66.12 1.99 -3.91	65.98 2.24 -4.84	73.50 3.01 -7.74	89.71 2.93 -25.75	77.84 3.61 -8.57	72.90 3.31 -8.37	73.06 3.18 -8.72	72.36 3.12 -8.16	68.14 3.10 -4.21	67.92 3.04 -4.18	72.49 3.04 -8.65	73.21 3.51 -8.06	77.37 3.38 -12.57	102.70 4.84 -12.91	114.17 5.58 -10.76	97.46 4.76 -6.10	93.41 4.25 -5.75	84.32 3.51 -6.22	78.97 3.17 -6.79	80.08 2.82 -6.70
RANKINE____ 23646	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.46 -4.76 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	57.88 -5.43 -2.27	61.35 -4.33 -0.03	58.00 -4.84 -1.61	57.60 -5.26 -1.69	57.10 -5.62 -1.63	56.17 -5.47 -0.81	55.19 -6.25 -0.74	55.86 -6.26 -1.33	59.61 -3.64 -1.61	60.02 -3.99 -2.59	82.18 -5.44 -2.66	92.67 -5.77 -0.61	81.23 -5.37 0.00	78.40 -5.00 0.00	70.72 -3.88 0.00	65.35 -3.66 0.00	68.44 -2.12 0.00
RAVENSWOOD_GT2_1 24244	68.55 3.20 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.70 3.85 -26.81	79.47 4.86 -8.96	74.47 4.53 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.52 4.42 -7.09	81.50 3.95 -6.99

RAVENSWOOD_GT2_2 24245	68.55 3.20 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.70 3.85 -26.81	79.47 4.86 -8.96	74.47 4.53 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.52 4.42 -7.09	81.50 3.95 -6.99
RAVENSWOOD_GT2_3 24246	68.61 3.26 -4.94	66.43 2.81 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.76 3.91 -26.81	79.53 4.92 -8.96	74.47 4.53 -8.71	74.71 4.46 -9.08	73.98 4.40 -8.49	69.65 4.44 -4.38	69.37 4.31 -4.35	74.18 4.38 -9.00	74.96 4.93 -8.38	79.17 4.67 -13.09	104.93 6.54 -13.44	116.69 7.63 -11.23	99.52 6.41 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
RAVENSWOOD_GT2_4 24247	68.61 3.26 -4.94	66.43 2.81 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.76 3.91 -26.81	79.53 4.92 -8.96	74.47 4.53 -8.71	74.71 4.46 -9.08	73.98 4.40 -8.49	69.65 4.44 -4.38	69.37 4.31 -4.35	74.18 4.38 -9.00	74.96 4.93 -8.38	79.17 4.67 -13.09	104.93 6.54 -13.44	116.69 7.63 -11.23	99.52 6.41 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
RAVENSWOOD_GT3_1 24248	68.55 3.20 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.76 3.91 -26.81	79.47 4.86 -8.96	74.47 4.53 -8.71	74.71 4.46 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.52 6.41 -6.51	95.70 5.84 -6.46	86.02 4.92 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
RAVENSWOOD_GT3_2 24249	68.55 3.20 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.76 3.91 -26.81	79.47 4.86 -8.96	74.47 4.53 -8.71	74.71 4.46 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.52 6.41 -6.51	95.70 5.84 -6.46	86.02 4.92 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
RAVENSWOOD_GT3_3 24250	68.61 3.26 -4.94	66.43 2.81 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	67.02 2.71 -4.09	66.96 3.00 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.60 4.99 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.10 4.52 -8.49	69.71 4.50 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.24 4.73 -13.09	105.02 6.63 -13.44	116.79 7.73 -11.23	99.60 6.49 -6.51	95.87 6.01 -6.46	86.09 5.00 -6.50	80.58 4.49 -7.09	81.65 4.09 -6.99
RAVENSWOOD_GT3_4 24251	68.61 3.26 -4.94	66.43 2.81 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	67.02 2.71 -4.09	66.96 3.00 -5.06	74.79 3.95 -8.09	91.82 3.97 -26.81	79.60 4.99 -8.96	74.53 4.59 -8.71	74.77 4.53 -9.08	74.10 4.52 -8.49	69.71 4.50 -4.38	69.43 4.37 -4.35	74.24 4.44 -9.00	75.02 4.99 -8.38	79.24 4.73 -13.09	105.02 6.63 -13.44	116.79 7.73 -11.23	99.60 6.49 -6.51	95.87 6.01 -6.46	86.09 5.00 -6.50	80.58 4.49 -7.09	81.65 4.09 -6.99
RAVENSWOOD_GT_1 23729	68.79 3.44 -4.94	66.55 2.93 -5.11	65.98 2.90 -3.86	65.68 2.79 -3.48	67.08 2.77 -4.09	67.02 3.06 -5.06	74.85 4.02 -8.09	91.94 4.09 -26.81	79.79 5.19 -8.96	74.77 4.84 -8.71	75.01 4.77 -9.08	74.34 4.76 -8.49	69.96 4.74 -4.38	69.67 4.61 -4.35	74.42 4.62 -9.00	75.27 5.24 -8.38	87.69 4.98 -21.29	119.85 6.97 -27.93	137.12 8.02 -31.27	109.60 6.84 -16.17	100.76 6.26 -11.10	86.32 5.22 -6.50	80.86 4.76 -7.09	81.86 4.30 -6.99
RAVENSWOOD_GT_10 24258	68.61 3.26 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.05	74.73 3.89 -8.09	91.76 3.91 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
RAVENSWOOD_GT_11 24259	68.61 3.26 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.05	74.73 3.89 -8.09	91.76 3.91 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
RAVENSWOOD_GT_4 24252	68.48 3.14 -4.94	66.38 2.75 -5.11	65.74 2.66 -3.86	65.45 2.55 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.66 3.83 -8.09	91.70 3.85 -26.81	79.40 4.79 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.84 4.81 -8.38	85.10 4.55 -19.13	115.53 6.46 -24.12	131.27 7.44 -26.00	106.55 6.32 -13.63	99.04 5.76 -9.88	85.94 4.85 -6.50	80.45 4.35 -7.09	81.50 3.95 -6.99
RAVENSWOOD_GT_5 24254	68.48 3.14 -4.94	66.38 2.75 -5.11	65.74 2.66 -3.86	65.45 2.55 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.66 3.83 -8.09	91.70 3.85 -26.81	79.40 4.79 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.84 4.81 -8.38	85.10 4.55 -19.13	115.53 6.46 -24.12	131.27 7.44 -26.00	106.55 6.32 -13.63	99.04 5.76 -9.88	85.94 4.85 -6.50	80.45 4.35 -7.09	81.50 3.95 -6.99
RAVENSWOOD_GT_6 24253	68.48 3.14 -4.94	66.38 2.75 -5.11	65.74 2.66 -3.86	65.45 2.55 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.66 3.83 -8.09	91.70 3.85 -26.81	79.40 4.79 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.84 4.81 -8.38	85.10 4.55 -19.13	115.53 6.46 -24.12	131.27 7.44 -26.00	106.55 6.32 -13.63	99.04 5.76 -9.88	85.94 4.85 -6.50	80.45 4.35 -7.09	81.50 3.95 -6.99
RAVENSWOOD_GT_7 24255	68.48 3.14 -4.94	66.38 2.75 -5.11	65.74 2.66 -3.86	65.45 2.55 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.66 3.83 -8.09	91.70 3.85 -26.81	79.40 4.79 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.31 4.25 -4.35	74.12 4.32 -9.00	74.84 4.81 -8.38	85.10 4.55 -19.13	115.53 6.46 -24.12	131.27 7.44 -26.00	106.55 6.32 -13.63	99.04 5.76 -9.88	85.94 4.85 -6.50	80.45 4.35 -7.09	81.50 3.95 -6.99
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	68.61 3.26 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.05	74.73 3.89 -8.09	91.76 3.91 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99

RAVENSWOOD_GT_9 24257	68.61 3.26 -4.94	66.38 2.75 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.05	74.73 3.89 -8.09	91.76 3.91 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.65 4.40 -9.08	73.98 4.40 -8.49	69.59 4.38 -4.38	69.37 4.31 -4.35	74.12 4.32 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.60 7.53 -11.23	99.43 6.32 -6.51	95.70 5.84 -6.46	85.94 4.85 -6.50	80.52 4.42 -7.09	81.57 4.02 -6.99
RAVENSWOOD___1 23533	68.78 3.44 -4.94	66.55 2.92 -5.11	65.92 2.84 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.96 3.00 -5.06	74.79 3.96 -8.09	91.88 4.03 -26.81	79.73 5.12 -8.96	74.77 4.84 -8.71	75.02 4.77 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.67 4.61 -4.35	74.42 4.62 -9.00	75.21 5.18 -8.38	79.42 4.92 -13.09	105.36 6.97 -13.44	117.09 8.02 -11.23	99.87 6.76 -6.51	96.03 6.17 -6.46	86.31 5.22 -6.50	80.79 4.69 -7.09	81.86 4.30 -6.99
RAVENSWOOD___2 23534	68.78 3.44 -4.94	66.49 2.87 -5.11	65.92 2.84 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.96 3.00 -5.06	74.79 3.96 -8.09	91.88 4.03 -26.81	79.73 5.12 -8.96	74.72 4.78 -8.71	74.95 4.71 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.61 4.56 -4.35	74.42 4.62 -9.00	75.14 5.11 -8.38	79.42 4.92 -13.09	105.36 6.97 -13.44	117.09 8.02 -11.23	99.87 6.76 -6.51	96.03 6.17 -6.46	86.24 5.14 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
RAVENSWOOD___3 23535	68.54 3.20 -4.94	66.38 2.75 -5.11	65.80 2.73 -3.86	65.50 2.61 -3.48	66.95 2.65 -4.09	66.90 2.94 -5.06	74.73 3.89 -8.09	91.76 3.91 -26.81	79.46 4.86 -8.96	74.47 4.53 -8.71	74.71 4.46 -9.08	73.98 4.40 -8.49	69.60 4.38 -4.38	69.37 4.31 -4.35	74.18 4.38 -9.00	74.90 4.87 -8.38	79.11 4.61 -13.09	105.02 6.63 -13.44	116.60 7.53 -11.23	99.52 6.41 -6.51	95.70 5.84 -6.46	86.02 4.92 -6.50	80.52 4.42 -7.09	81.50 3.95 -6.99
RAVENSWOOD___4 23820	68.72 3.38 -4.94	66.49 2.87 -5.11	65.92 2.84 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.96 3.00 -5.06	74.79 3.96 -8.09	91.88 4.03 -26.81	79.73 5.12 -8.96	74.72 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.83 4.62 -4.38	69.61 4.56 -4.35	74.36 4.56 -9.00	75.14 5.11 -8.38	71.29 4.92 -4.95	90.99 6.97 0.94	97.12 7.92 8.63	90.29 6.76 3.06	91.43 6.17 -1.85	86.24 5.14 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
RCPI_TRUST___DRP 24196	68.60 3.26 -4.94	66.43 2.81 -5.11	65.80 2.72 -3.86	65.51 2.61 -3.48	67.01 2.71 -4.08	66.96 3.00 -5.05	74.72 3.89 -8.08	91.75 3.91 -26.81	79.53 4.92 -8.95	74.53 4.59 -8.71	74.71 4.46 -9.08	74.04 4.46 -8.49	69.65 4.44 -4.38	69.37 4.31 -4.35	74.18 4.38 -9.00	74.96 4.93 -8.38	79.17 4.67 -13.08	104.93 6.54 -13.43	116.60 7.53 -11.23	99.51 6.41 -6.51	95.70 5.84 -6.45	86.02 4.92 -6.50	80.51 4.42 -7.09	81.57 4.02 -6.99
RED___ROCHESTER 323720	57.68 -2.72 0.00	55.94 -2.57 0.00	56.01 -3.20 0.00	56.38 -3.03 0.00	57.33 -2.89 0.00	56.37 -2.53 0.00	60.99 -1.76 0.00	61.88 -1.71 -2.55	63.91 -1.77 -0.03	60.31 -2.14 -1.23	60.62 -1.83 -1.29	60.33 -2.01 -1.26	57.96 -3.53 -0.65	58.31 -3.03 -0.64	59.40 -2.50 -1.10	61.09 -1.79 -1.24	61.37 -2.03 -1.97	84.18 -2.80 -2.03	95.37 -2.93 -0.47	83.82 -2.77 0.00	80.73 -2.67 0.00	72.28 -2.31 0.00	66.73 -2.28 0.00	69.07 -1.49 0.00
REGAN___SOLAR 323812	118.99 5.07 -53.52	118.64 4.80 -55.33	105.83 4.79 -41.83	101.87 4.75 -37.71	109.38 4.94 -44.22	118.62 5.00 -54.72	156.05 5.77 -87.53	179.88 5.50 -113.34	166.91 6.04 -95.22	106.64 5.08 -40.33	107.64 4.83 -41.64	92.46 4.46 -26.91	83.75 4.68 -18.24	81.28 4.56 -16.02	80.37 4.68 -14.88	92.14 5.30 -25.19	122.97 5.53 -56.02	150.63 8.16 -57.52	208.85 9.69 -101.33	165.06 8.57 -69.89	159.70 8.34 -67.96	152.33 7.39 -70.35	152.48 6.69 -76.78	152.98 6.71 -75.71
RENSSELAER___COGEN 23796	89.98 2.11 -27.46	88.83 1.93 -28.39	82.75 2.07 -21.46	80.90 2.14 -19.35	84.96 2.05 -22.69	88.98 2.00 -28.08	109.92 2.26 -44.92	131.14 2.14 -67.96	117.24 2.63 -48.96	87.79 2.51 -24.05	88.68 2.63 -24.89	81.43 2.68 -17.65	74.61 2.61 -11.17	73.36 2.55 -10.10	75.61 2.55 -12.25	81.01 2.59 -16.78	97.90 2.39 -34.09	122.93 2.97 -35.00	154.42 3.33 -53.26	119.84 2.85 -30.39	103.63 2.67 -17.56	113.01 2.32 -36.10	110.55 2.14 -39.40	111.60 2.19 -38.85
REPUBLIC_115KV_BARTNBRK 55605	122.14 8.34 -53.40	121.74 8.02 -55.21	108.88 7.93 -41.74	104.82 7.78 -37.63	112.47 8.13 -44.12	121.57 8.07 -54.60	158.93 8.85 -87.34	181.04 8.55 -111.45	170.23 9.58 -95.00	110.30 8.51 -40.56	111.24 8.20 -41.88	96.06 8.19 -26.79	87.10 7.91 -18.36	84.53 7.77 -16.05	82.76 7.78 -14.18	95.41 8.75 -25.02	126.71 8.84 -56.44	155.74 12.83 -57.95	214.14 15.07 -101.24	170.09 13.16 -70.33	165.96 12.84 -69.70	156.20 11.41 -70.20	156.11 10.49 -76.61	156.97 10.87 -75.55
REVERE_CPFR_DRP 24186	62.57 2.17 0.00	60.50 1.99 0.00	61.16 1.95 0.00	61.43 2.02 0.00	62.39 2.17 0.00	61.31 2.41 0.00	65.89 3.14 0.00	65.24 3.11 -1.09	69.14 3.48 -0.01	64.05 2.82 -0.01	63.80 2.63 -0.01	63.78 2.50 -0.19	63.28 2.43 -0.01	62.94 2.19 -0.05	63.58 2.31 -0.47	64.76 2.90 -0.21	64.43 3.01 0.00	89.54 4.59 0.00	103.60 5.77 0.00	91.70 5.11 0.00	88.16 4.75 0.00	78.55 3.95 0.00	72.39 3.38 0.00	74.16 3.60 0.00
REYNOLDS_115KV_TB3 80639	93.93 2.54 -30.99	92.89 2.34 -32.04	85.86 2.43 -24.22	83.74 2.50 -21.84	88.30 2.47 -25.61	93.00 2.41 -31.69	116.26 2.82 -50.68	137.54 2.69 -73.81	124.09 3.22 -55.22	90.57 3.06 -26.28	91.47 3.12 -27.19	83.08 3.12 -18.88	76.01 3.04 -12.14	74.58 2.97 -10.90	76.27 2.98 -12.49	82.73 3.21 -17.88	101.53 3.01 -37.11	127.05 3.99 -38.10	162.11 4.50 -59.78	134.21 3.90 -43.72	136.64 3.59 -49.64	118.54 3.21 -40.74	116.37 2.90 -44.46	117.29 2.89 -43.84
RIVERBAY____ 323610	69.21 3.87 -4.94	66.79 3.16 -5.11	66.15 3.08 -3.86	65.80 2.91 -3.48	67.26 2.95 -4.09	67.07 3.12 -5.06	74.91 4.08 -8.09	92.00 4.15 -26.81	79.86 5.25 -8.96	74.83 4.90 -8.71	75.01 4.77 -9.08	74.28 4.70 -8.49	69.90 4.68 -4.38	69.67 4.61 -4.35	74.48 4.68 -9.00	75.27 5.24 -8.38	79.54 5.04 -13.09	105.44 7.05 -13.44	117.18 8.12 -11.23	100.03 6.93 -6.51	96.20 6.34 -6.46	86.47 5.37 -6.50	81.14 5.04 -7.09	82.28 4.73 -6.99
RIVERSDE_115KV_TB3 55908	94.19 2.42 -31.37	93.17 2.22 -32.43	86.04 2.31 -24.52	83.89 2.38 -22.10	88.49 2.35 -25.92	93.27 2.30 -32.08	116.69 2.64 -51.31	137.97 2.44 -74.49	124.57 3.02 -55.89	90.64 2.88 -26.53	91.54 2.94 -27.44	83.10 2.99 -19.02	76.00 2.92 -12.25	74.62 2.91 -11.00	76.19 2.86 -12.53	82.68 3.02 -18.01	101.63 2.76 -37.45	126.97 3.57 -38.45	162.33 4.01 -60.49	132.22 3.46 -42.16	130.28 3.25 -43.62	118.67 2.83 -41.24	116.64 2.62 -45.01	117.55 2.61 -44.38
ROARING___BROOK_WT_PWR 323790	59.07 -1.33 0.00	57.52 -1.00 0.00	58.38 -0.83 0.00	58.64 -0.77 0.00	59.38 -0.84 0.00	58.02 -0.88 0.00	61.50 -1.25 0.00	59.94 -1.10 0.00	64.07 -1.58 0.00	59.75 -1.47 0.00	59.57 -1.59 0.00	59.50 -1.59 0.00	59.31 -1.52 0.00	59.31 -1.39 0.00	59.34 -1.46 0.00	59.80 -1.85 0.00	59.89 -1.53 0.00	83.09 -1.87 0.00	95.97 -1.86 0.00	85.12 -1.47 0.00	82.24 -1.17 0.00	73.78 -0.82 0.00	68.53 -0.48 0.00	70.14 -0.42 0.00

ROCHESRG_115KV_T4 355643	57.02 -3.38 0.00	55.35 -3.16 0.00	55.42 -3.79 0.00	55.84 -3.56 0.00	56.73 -3.49 0.00	55.72 -3.18 0.00	60.18 -2.57 0.00	61.04 -2.50 -2.50	63.12 -2.56 -0.03	59.39 -3.06 -1.22	59.82 -2.63 -1.28	59.53 -2.81 -1.25	57.16 -4.32 -0.65	57.57 -3.76 -0.63	58.61 -3.28 -1.10	60.35 -2.53 -1.23	60.43 -2.95 -1.96	82.89 -4.08 -2.01	93.80 -4.50 -0.46	82.35 -4.24 0.00	79.40 -4.00 0.00	71.24 -3.36 0.00	65.69 -3.31 0.00	68.16 -2.40 0.00
ROCHESTER_9_IC 23652	57.38 -3.02 0.00	55.65 -2.87 0.00	55.72 -3.49 0.00	56.14 -3.27 0.00	57.03 -3.19 0.00	56.07 -2.83 0.00	60.62 -2.13 0.00	61.51 -2.08 -2.55	63.58 -2.10 -0.03	59.82 -2.63 -1.23	60.25 -2.20 -1.29	59.96 -2.38 -1.26	57.59 -3.89 -0.65	57.94 -3.40 -0.64	59.04 -2.86 -1.10	60.79 -2.10 -1.24	60.94 -2.46 -1.97	83.58 -3.40 -2.03	94.58 -3.72 -0.47	83.04 -3.55 0.00	79.99 -3.42 0.00	71.76 -2.83 0.00	66.18 -2.83 0.00	68.65 -1.91 0.00
ROCKVIEW_13_KV_LD 356306	68.61 3.26 -4.94	66.43 2.81 -5.11	65.86 2.78 -3.86	65.57 2.67 -3.48	67.07 2.77 -4.08	67.02 3.06 -5.05	74.79 3.95 -8.09	91.82 3.97 -26.81	79.46 4.86 -8.96	74.41 4.47 -8.71	74.65 4.40 -9.08	73.92 4.34 -8.49	69.53 4.32 -4.38	69.25 4.19 -4.35	74.06 4.26 -9.00	74.83 4.81 -8.38	79.11 4.61 -13.09	104.93 6.54 -13.44	116.69 7.63 -11.23	99.60 6.49 -6.51	95.78 5.92 -6.46	86.02 4.92 -6.50	80.58 4.49 -7.09	81.57 4.02 -6.99
ROME____115KV_TB2 80656	62.57 2.17 0.00	60.50 1.99 0.00	61.16 1.95 0.00	61.43 2.02 0.00	62.39 2.17 0.00	61.31 2.41 0.00	65.89 3.14 0.00	65.24 3.11 -1.09	69.14 3.48 -0.01	64.05 2.82 -0.01	63.80 2.63 -0.01	63.78 2.50 -0.19	63.28 2.43 -0.01	62.94 2.19 -0.05	63.58 2.31 -0.47	64.76 2.90 -0.21	64.43 3.01 0.00	89.54 4.59 0.00	103.60 5.77 0.00	91.70 5.11 0.00	88.16 4.75 0.00	78.55 3.95 0.00	72.39 3.38 0.00	74.16 3.60 0.00
ROSETON___1 23587	67.79 2.60 -4.80	65.70 2.22 -4.96	65.21 2.25 -3.75	64.99 2.20 -3.38	66.41 2.23 -3.97	66.28 2.47 -4.91	73.80 3.20 -7.85	90.71 3.11 -26.56	78.16 3.81 -8.70	73.33 3.49 -8.62	73.57 3.42 -8.98	72.88 3.36 -8.44	68.52 3.34 -4.34	68.30 3.28 -4.32	73.07 3.28 -8.99	73.74 3.76 -8.33	78.00 3.62 -12.96	103.44 5.18 -13.31	114.66 5.87 -10.96	97.80 5.02 -6.18	93.91 4.67 -5.83	84.78 3.88 -6.31	79.41 3.52 -6.88	80.53 3.18 -6.79
ROSETON___2 23588	67.79 2.60 -4.80	65.70 2.22 -4.96	65.21 2.25 -3.75	64.99 2.20 -3.38	66.41 2.23 -3.97	66.28 2.47 -4.91	73.80 3.20 -7.85	90.71 3.11 -26.56	78.16 3.81 -8.70	73.33 3.49 -8.62	73.57 3.42 -8.98	72.88 3.36 -8.44	68.52 3.34 -4.34	68.30 3.28 -4.32	73.07 3.28 -8.99	73.74 3.76 -8.33	78.00 3.62 -12.96	103.44 5.18 -13.31	114.66 5.87 -10.96	97.80 5.02 -6.18	93.91 4.67 -5.83	84.78 3.88 -6.31	79.41 3.52 -6.88	80.53 3.18 -6.79
ROTRDAM_115KV_TB3 80664	121.51 2.42 -58.69	121.42 2.22 -60.68	107.33 2.25 -45.87	102.96 2.20 -41.35	111.00 2.29 -48.50	121.21 2.30 -60.01	161.50 2.76 -95.99	184.10 2.62 -120.44	173.12 3.09 -104.39	107.92 2.76 -43.94	109.21 2.69 -45.36	92.33 2.57 -28.68	83.27 2.62 -19.83	80.47 2.49 -17.27	77.98 2.55 -14.62	91.26 2.90 -26.72	125.32 2.89 -61.01	151.76 4.16 -62.64	213.65 4.79 -111.03	167.40 4.16 -76.65	161.87 3.92 -74.54	155.18 3.43 -77.15	156.32 3.11 -84.20	156.69 3.10 -83.03
RUSSELL___1 23602	57.68 -2.72 0.00	55.94 -2.57 0.00	56.01 -3.20 0.00	56.38 -3.03 0.00	57.33 -2.89 0.00	56.37 -2.53 0.00	60.99 -1.76 0.00	61.88 -1.71 -2.55	64.04 -1.64 -0.03	60.19 -2.27 -1.23	60.62 -1.83 -1.29	60.27 -2.08 -1.26	57.96 -3.53 -0.65	58.31 -3.04 -0.64	59.35 -2.55 -1.10	61.09 -1.79 -1.24	61.37 -2.03 -1.97	84.18 -2.80 -2.03	95.27 -3.03 -0.47	83.65 -2.94 0.00	80.57 -2.84 0.00	72.28 -2.31 0.00	66.59 -2.42 0.00	69.08 -1.48 0.00
RUSSELL___2 23532	57.68 -2.72 0.00	55.94 -2.57 0.00	56.01 -3.20 0.00	56.38 -3.03 0.00	57.33 -2.89 0.00	56.37 -2.53 0.00	60.99 -1.76 0.00	61.88 -1.71 -2.55	64.04 -1.64 -0.03	60.19 -2.27 -1.23	60.62 -1.83 -1.29	60.27 -2.08 -1.26	57.96 -3.53 -0.65	58.31 -3.04 -0.64	59.35 -2.55 -1.10	61.09 -1.79 -1.24	61.37 -2.03 -1.97	84.18 -2.80 -2.03	95.27 -3.03 -0.47	83.65 -2.94 0.00	80.57 -2.84 0.00	72.28 -2.31 0.00	66.59 -2.42 0.00	69.08 -1.48 0.00
RUSSELL___3 23549	57.68 -2.72 0.00	55.94 -2.57 0.00	56.01 -3.20 0.00	56.38 -3.03 0.00	57.33 -2.89 0.00	56.37 -2.53 0.00	60.99 -1.76 0.00	61.88 -1.71 -2.55	64.04 -1.64 -0.03	60.19 -2.27 -1.23	60.62 -1.83 -1.29	60.27 -2.08 -1.26	57.96 -3.53 -0.65	58.31 -3.04 -0.64	59.35 -2.55 -1.10	61.09 -1.79 -1.24	61.37 -2.03 -1.97	84.18 -2.80 -2.03	95.27 -3.03 -0.47	83.65 -2.94 0.00	80.57 -2.84 0.00	72.28 -2.31 0.00	66.59 -2.42 0.00	69.08 -1.48 0.00
RUSSELL___4 23556	57.68 -2.72 0.00	55.94 -2.57 0.00	56.01 -3.20 0.00	56.38 -3.03 0.00	57.33 -2.89 0.00	56.37 -2.53 0.00	60.99 -1.76 0.00	61.88 -1.71 -2.55	64.04 -1.64 -0.03	60.19 -2.27 -1.23	60.62 -1.83 -1.29	60.27 -2.08 -1.26	57.96 -3.53 -0.65	58.31 -3.04 -0.64	59.35 -2.55 -1.10	61.09 -1.79 -1.24	61.37 -2.03 -1.97	84.18 -2.80 -2.03	95.27 -3.03 -0.47	83.65 -2.94 0.00	80.57 -2.84 0.00	72.28 -2.31 0.00	66.59 -2.42 0.00	69.08 -1.48 0.00
RUSSELL___STATION 23914	57.68 -2.72 0.00	55.94 -2.57 0.00	56.01 -3.20 0.00	56.38 -3.03 0.00	57.33 -2.89 0.00	56.37 -2.53 0.00	60.99 -1.76 0.00	61.88 -1.71 -2.55	64.04 -1.64 -0.03	60.19 -2.27 -1.23	60.62 -1.83 -1.29	60.27 -2.08 -1.26	57.96 -3.53 -0.65	58.31 -3.04 -0.64	59.35 -2.55 -1.10	61.09 -1.79 -1.24	61.37 -2.03 -1.97	84.18 -2.80 -2.03	95.27 -3.03 -0.47	83.65 -2.94 0.00	80.57 -2.84 0.00	72.28 -2.31 0.00	66.59 -2.42 0.00	69.08 -1.48 0.00
S SALMON___HYD 24043	59.61 -0.79 0.00	57.64 -0.88 0.00	58.20 -1.01 0.00	58.46 -0.95 0.00	59.38 -0.84 0.00	58.25 -0.65 0.00	62.44 -0.31 0.00	63.69 0.92 -1.74	66.85 1.18 -0.02	61.98 0.74 -0.02	61.97 0.79 -0.02	62.00 0.61 -0.30	61.15 0.31 -0.02	60.91 0.12 -0.08	61.92 0.37 -0.75	63.10 1.11 -0.34	62.34 0.92 0.00	86.14 1.19 0.00	99.49 1.66 0.00	88.07 1.47 0.00	84.74 1.33 0.00	75.79 1.19 0.00	69.84 0.83 0.00	71.97 1.41 0.00
S.PERRY__115KV_TB1 80734	58.95 -1.45 0.00	57.11 -1.40 0.00	57.02 -2.19 0.00	57.45 -1.96 0.00	58.47 -1.75 0.00	57.66 -1.24 0.00	62.75 0.00 0.00	67.74 -0.49 -7.19	65.62 -0.07 -0.04	61.71 -1.22 -1.71	61.61 -1.35 -1.79	60.98 -1.83 -1.73	59.36 -2.55 -1.09	59.45 -2.49 -1.23	60.20 -1.82 -1.22	63.28 -0.06 -1.70	64.59 0.43 -2.74	85.99 -1.78 -2.81	96.82 -1.66 -0.65	84.86 -1.73 0.00	81.74 -1.67 0.00	73.33 -1.27 0.00	67.49 -1.52 0.00	69.85 -0.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	55.39 -5.01 0.00	53.72 -4.80 0.00	53.65 -5.57 0.00	54.06 -5.35 0.00	54.92 -5.30 0.00	53.95 -4.95 0.00	58.42 -4.33 0.00	57.72 -5.55 -2.24	60.76 -4.92 -0.03	57.39 -5.39 -1.55	57.41 -5.38 -1.63	56.98 -5.68 -1.58	55.16 -6.45 -0.78	54.81 -6.62 -0.72	55.70 -6.38 -1.29	58.88 -4.32 -1.55	59.00 -4.91 -2.49	80.72 -6.80 -2.56	90.99 -7.44 -0.59	79.75 -6.84 0.00	77.07 -6.34 0.00	69.52 -5.07 0.00	64.24 -4.76 0.00	67.38 -3.18 0.00

SAWYER___23_KV_LOAD 55526	55.39 -5.01 0.00	53.72 -4.80 0.00	53.65 -5.57 0.00	54.06 -5.35 0.00	54.92 -5.30 0.00	53.95 -4.95 0.00	58.42 -4.33 0.00	57.72 -5.55 -2.24	60.76 -4.92 -0.03	57.39 -5.39 -1.55	57.41 -5.38 -1.63	56.98 -5.68 -1.58	55.16 -6.45 -0.78	54.81 -6.62 -0.72	55.70 -6.38 -1.29	58.88 -4.32 -1.55	59.00 -4.91 -2.49	80.72 -6.80 -2.56	90.99 -7.44 -0.59	79.75 -6.84 0.00	77.07 -6.34 0.00	69.52 -5.07 0.00	64.24 -4.76 0.00	67.38 -3.18 0.00
SELKIRK___I 23801	82.19 2.35 -19.44	80.77 2.17 -20.09	76.71 2.31 -15.19	75.42 2.31 -13.69	78.57 2.29 -16.06	80.95 2.18 -19.87	96.98 2.44 -31.79	117.72 2.26 -54.42	102.99 2.63 -34.71	82.59 2.45 -18.92	83.21 2.45 -19.60	78.39 2.51 -14.79	72.20 2.44 -8.93	71.32 2.37 -8.25	74.79 2.37 -11.62	78.49 2.65 -14.20	91.07 2.52 -27.13	116.21 3.40 -27.85	140.05 3.81 -38.40	112.49 3.37 -22.52	102.19 3.17 -15.61	102.91 2.76 -25.55	99.51 2.62 -27.88	100.73 2.68 -27.49
SELKIRK___II 23799	83.38 1.99 -20.99	82.03 1.82 -21.70	77.57 1.95 -16.41	76.16 1.96 -14.79	79.49 1.93 -17.34	82.24 1.88 -21.46	99.27 2.20 -34.33	120.31 2.08 -57.20	105.68 2.56 -37.47	83.57 2.39 -19.96	84.22 2.38 -20.67	78.94 2.45 -15.40	72.59 2.37 -9.39	71.64 2.31 -8.63	74.92 2.31 -11.81	78.92 2.53 -14.75	92.30 2.33 -28.55	117.41 3.15 -29.31	142.65 3.52 -41.30	113.75 3.03 -24.13	102.51 2.84 -16.27	104.65 2.46 -27.59	101.39 2.27 -30.11	102.51 2.26 -29.69
SENECA OSWGO___HYD 24041	58.71 -1.69 0.00	56.82 -1.70 0.00	57.38 -1.84 0.00	57.63 -1.78 0.00	58.47 -1.75 0.00	57.43 -1.47 0.00	61.56 -1.19 0.00	63.63 0.61 -1.98	66.59 0.92 -0.02	61.73 0.49 -0.02	61.73 0.55 -0.02	61.80 0.37 -0.34	60.91 0.06 -0.02	60.68 -0.12 -0.09	61.72 0.06 -0.86	62.89 0.86 -0.39	62.16 0.74 0.00	85.63 0.68 0.00	98.71 0.88 0.00	87.37 0.78 0.00	83.91 0.50 0.00	74.97 0.37 0.00	69.08 0.07 0.00	71.26 0.71 0.00
SENECA___115KV_TB3 355854	56.05 -4.35 0.00	54.30 -4.21 0.00	54.24 -4.97 0.00	54.60 -4.81 0.00	55.52 -4.70 0.00	54.60 -4.30 0.00	59.17 -3.58 0.00	58.00 -5.31 -2.27	61.48 -4.20 -0.03	58.12 -4.71 -1.61	57.72 -5.14 -1.69	57.22 -5.50 -1.63	56.29 -5.35 -0.81	55.31 -6.13 -0.74	55.98 -6.14 -1.33	59.68 -3.58 -1.61	60.14 -3.87 -2.59	82.35 -5.27 -2.66	92.77 -5.67 -0.61	81.31 -5.28 0.00	78.57 -4.84 0.00	70.87 -3.73 0.00	65.49 -3.52 0.00	68.58 -1.98 0.00
SENECA___ENERGY 23797	58.83 -1.57 0.00	56.88 -1.64 0.00	57.31 -1.90 0.00	57.63 -1.78 0.00	58.53 -1.69 0.00	57.66 -1.24 0.00	62.12 -0.63 0.00	63.23 -0.85 -3.04	65.15 -0.53 -0.03	61.48 -1.04 -1.30	61.37 -1.16 -1.37	61.07 -1.34 -1.32	59.90 -1.64 -0.71	59.65 -1.76 -0.71	60.50 -1.58 -1.28	62.39 -0.56 -1.30	62.95 -0.55 -2.09	86.42 -0.68 -2.14	97.44 -0.88 -0.49	85.99 -0.60 0.00	82.65 -0.75 0.00	73.92 -0.67 0.00	68.18 -0.82 0.00	69.99 -0.57 0.00
SHOEMAKER___GT 23640	67.13 2.24 -4.49	65.03 1.87 -4.64	64.62 1.89 -3.51	64.42 1.84 -3.17	65.80 1.87 -3.71	65.61 2.12 -4.59	72.92 2.83 -7.35	88.25 2.75 -24.47	77.07 3.28 -8.14	72.12 2.94 -7.95	72.27 2.82 -8.29	71.60 2.75 -7.76	67.51 2.67 -4.00	67.29 2.61 -3.98	71.70 2.67 -8.23	72.45 3.14 -7.66	76.44 3.07 -11.95	101.81 4.58 -12.27	113.33 5.28 -10.22	96.88 4.50 -5.79	92.95 4.09 -5.46	83.86 3.36 -5.90	78.48 3.03 -6.44	79.66 2.75 -6.35
SHOEMAKR_138KV_BK 111 55601	67.03 2.17 -4.46	64.94 1.81 -4.61	64.53 1.84 -3.49	64.33 1.78 -3.14	65.77 1.87 -3.69	65.52 2.06 -4.56	72.80 2.76 -7.29	88.02 2.69 -24.30	77.01 3.28 -8.08	72.00 2.88 -7.90	72.15 2.75 -8.23	71.48 2.69 -7.71	67.48 2.68 -3.97	67.27 2.61 -3.95	71.65 2.68 -8.17	72.40 3.14 -7.61	76.36 3.07 -11.87	101.65 4.50 -12.19	113.16 5.19 -10.15	96.76 4.42 -5.75	92.83 4.00 -5.42	83.74 3.28 -5.86	78.37 2.97 -6.40	79.62 2.75 -6.31
SHOREHAM_IC_1 23715	88.04 5.32 -22.33	77.69 4.85 -14.32	70.90 4.79 -6.90	67.47 4.57 -3.48	70.99 4.82 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.21 6.29 -75.89	143.48 7.42 -70.41	122.68 6.55 -54.90	114.26 6.17 -46.92	95.50 5.99 -28.42	71.93 5.96 -5.13	71.86 5.83 -5.33	92.81 5.90 -26.12	99.92 6.16 -32.11	122.06 5.96 -54.68	162.05 9.18 -67.92	164.35 9.88 -56.64	138.46 8.31 -43.55	133.38 7.59 -42.38	125.50 6.64 -44.27	115.25 6.14 -40.10	115.90 6.14 -39.20
SHOREHAM_IC_2 23716	88.04 5.32 -22.33	77.69 4.85 -14.32	70.90 4.79 -6.90	67.47 4.57 -3.48	70.99 4.82 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.21 6.29 -75.89	143.48 7.42 -70.41	122.68 6.55 -54.90	114.26 6.17 -46.92	95.50 5.99 -28.42	71.93 5.96 -5.13	71.86 5.83 -5.33	92.81 5.90 -26.12	99.92 6.16 -32.11	122.06 5.96 -54.68	162.05 9.18 -67.92	164.35 9.88 -56.64	138.46 8.31 -43.55	133.38 7.59 -42.38	125.50 6.64 -44.27	115.25 6.14 -40.10	115.90 6.14 -39.20
SISSONVILLE____ 23735	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.24 0.00	61.87 -0.88 0.00	60.82 -0.55 -0.33	64.28 -1.38 0.00	60.06 -1.16 0.00	60.07 -1.10 0.00	60.11 -1.04 -0.06	60.04 -0.79 0.00	60.11 -0.61 -0.02	59.97 -0.97 -0.14	59.43 -2.28 -0.06	59.39 -2.03 0.00	81.98 -2.97 0.00	94.80 -3.03 0.00	84.00 -2.60 0.00	81.82 -1.58 0.00	74.07 -0.52 0.00	69.08 0.07 0.00	70.77 0.21 0.00
SITHE_IND_GS1 24169	57.80 -2.60 0.00	55.94 -2.57 0.00	56.55 -2.66 0.00	56.74 -2.67 0.00	57.57 -2.65 0.00	56.48 -2.42 0.00	60.49 -2.26 0.00	60.37 -2.19 -1.52	63.43 -2.23 -0.01	58.97 -2.26 -0.01	58.92 -2.26 -0.01	59.03 -2.32 -0.26	58.29 -2.55 -0.01	58.17 -2.61 -0.07	58.96 -2.50 -0.66	59.85 -2.10 -0.30	59.27 -2.15 0.00	81.98 -2.98 0.00	94.31 -3.52 0.00	83.48 -3.11 0.00	80.32 -3.08 0.00	71.84 -2.76 0.00	66.38 -2.62 0.00	68.02 -2.54 0.00
SITHE_IND_GS2 24170	57.80 -2.60 0.00	55.94 -2.57 0.00	56.55 -2.66 0.00	56.74 -2.67 0.00	57.57 -2.65 0.00	56.48 -2.42 0.00	60.49 -2.26 0.00	60.37 -2.19 -1.52	63.43 -2.23 -0.01	58.97 -2.26 -0.01	58.92 -2.26 -0.01	59.03 -2.32 -0.26	58.29 -2.55 -0.01	58.17 -2.61 -0.07	58.96 -2.50 -0.66	59.85 -2.10 -0.30	59.27 -2.15 0.00	81.98 -2.98 0.00	94.31 -3.52 0.00	83.48 -3.11 0.00	80.32 -3.08 0.00	71.84 -2.76 0.00	66.38 -2.62 0.00	68.02 -2.54 0.00
SITHE_IND_GS3 24171	57.80 -2.60 0.00	55.94 -2.57 0.00	56.55 -2.66 0.00	56.74 -2.67 0.00	57.57 -2.65 0.00	56.48 -2.42 0.00	60.49 -2.26 0.00	60.37 -2.19 -1.52	63.43 -2.23 -0.01	58.97 -2.26 -0.01	58.92 -2.26 -0.01	59.03 -2.32 -0.26	58.29 -2.55 -0.01	58.17 -2.61 -0.07	58.96 -2.50 -0.66	59.85 -2.10 -0.30	59.27 -2.15 0.00	81.98 -2.98 0.00	94.31 -3.52 0.00	83.48 -3.11 0.00	80.32 -3.08 0.00	71.84 -2.76 0.00	66.38 -2.62 0.00	68.02 -2.54 0.00
SITHE_IND_GS4 24172	57.80 -2.60 0.00	55.94 -2.57 0.00	56.55 -2.66 0.00	56.74 -2.67 0.00	57.57 -2.65 0.00	56.48 -2.42 0.00	60.49 -2.26 0.00	60.37 -2.19 -1.52	63.43 -2.23 -0.01	58.97 -2.26 -0.01	58.92 -2.26 -0.01	59.03 -2.32 -0.26	58.29 -2.55 -0.01	58.17 -2.61 -0.07	58.96 -2.50 -0.66	59.85 -2.10 -0.30	59.27 -2.15 0.00	81.98 -2.98 0.00	94.31 -3.52 0.00	83.48 -3.11 0.00	80.32 -3.08 0.00	71.84 -2.76 0.00	66.38 -2.62 0.00	68.02 -2.54 0.00

SITHE___BATAVIA 24024	57.08 -3.32 0.00	55.41 -3.10 0.00	55.18 -4.03 0.00	55.67 -3.74 0.00	56.61 -3.61 0.00	55.66 -3.24 0.00	60.49 -2.26 0.00	60.65 -2.81 -2.42	63.12 -2.56 -0.03	59.38 -3.25 -1.40	59.45 -3.18 -1.47	59.03 -3.48 -1.42	56.81 -4.74 -0.72	56.83 -4.55 -0.68	57.98 -4.01 -1.19	60.64 -2.41 -1.40	60.78 -2.89 -2.24	83.44 -3.82 -2.30	94.45 -3.92 -0.53	82.96 -3.63 0.00	79.98 -3.42 0.00	71.84 -2.76 0.00	66.38 -2.62 0.00	69.22 -1.34 0.00
SITHE___INDEPEND 23800	57.80 -2.60 0.00	55.94 -2.57 0.00	56.55 -2.66 0.00	56.74 -2.67 0.00	57.57 -2.65 0.00	56.54 -2.36 0.00	60.49 -2.26 0.00	60.36 -2.20 -1.52	63.43 -2.23 -0.01	58.91 -2.33 -0.01	58.92 -2.26 -0.01	59.03 -2.32 -0.26	58.29 -2.55 -0.01	58.17 -2.61 -0.07	58.97 -2.49 -0.66	59.85 -2.10 -0.30	59.27 -2.15 0.00	81.98 -2.97 0.00	94.31 -3.52 0.00	83.48 -3.12 0.00	80.32 -3.09 0.00	71.84 -2.76 0.00	66.38 -2.62 0.00	67.95 -2.61 0.00
SITHE___MASSENA 23902	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.59 0.18 0.00	60.28 0.06 0.00	58.66 -0.23 0.00	61.81 -0.94 0.00	60.31 -0.73 0.00	64.14 -1.51 0.00	60.06 -1.17 0.00	60.06 -1.10 0.00	60.05 -1.04 0.00	60.10 -0.73 0.00	60.16 -0.55 0.00	60.01 -0.79 0.00	59.85 -1.79 0.00	60.01 -1.41 0.00	82.67 -2.29 0.00	95.39 -2.44 0.00	84.52 -2.08 0.00	81.91 -1.50 0.00	73.78 -0.82 0.00	68.59 -0.41 0.00	70.28 -0.28 0.00
SITHE___OGDNSBRG 24021	61.19 0.79 0.00	59.57 1.05 0.00	60.34 1.13 0.00	60.48 1.07 0.00	61.24 1.02 0.00	59.55 0.65 0.00	62.81 0.06 0.00	61.40 0.37 0.00	65.13 -0.53 0.00	60.80 -0.43 0.00	60.67 -0.49 0.00	60.66 -0.43 0.00	60.71 -0.12 0.00	60.77 0.06 0.00	60.62 -0.18 0.00	60.35 -1.29 0.00	60.62 -0.80 0.00	83.68 -1.27 0.00	96.66 -1.17 0.00	85.73 -0.87 0.00	83.16 -0.25 0.00	75.04 0.45 0.00	69.83 0.83 0.00	71.62 1.06 0.00
SITHE___STERLING 23777	62.03 1.63 0.00	59.98 1.46 0.00	60.69 1.48 0.00	60.89 1.49 0.00	61.85 1.63 0.00	60.78 1.88 0.00	65.26 2.51 0.00	64.76 2.44 -1.28	68.48 2.82 -0.01	63.44 2.20 -0.01	63.26 2.08 -0.01	63.20 1.90 -0.22	62.67 1.82 -0.01	62.41 1.64 -0.06	63.12 1.76 -0.55	64.30 2.40 -0.25	63.75 2.33 0.00	88.52 3.57 0.00	102.13 4.30 0.00	90.40 3.81 0.00	86.91 3.50 0.00	77.50 2.91 0.00	71.49 2.48 0.00	73.24 2.68 0.00
SLEIGHT__34_KV_TB1 80719	58.10 -2.30 0.00	56.29 -2.22 0.00	56.55 -2.66 0.00	56.85 -2.55 0.00	57.75 -2.47 0.00	56.84 -2.06 0.00	61.37 -1.38 0.00	62.38 -1.28 -2.62	64.49 -1.18 -0.03	60.72 -1.71 -1.21	60.96 -1.47 -1.27	60.67 -1.65 -1.23	58.80 -2.68 -0.65	58.91 -2.43 -0.64	59.90 -2.07 -1.16	61.50 -1.36 -1.21	61.82 -1.54 -1.93	84.99 -1.95 -1.99	96.14 -2.15 -0.46	84.52 -2.08 0.00	81.32 -2.09 0.00	72.81 -1.79 0.00	67.07 -1.93 0.00	69.22 -1.34 0.00
SOUTH CAIRO___GT 23612	83.14 3.93 -18.82	81.54 3.57 -19.45	77.65 3.73 -14.71	76.41 3.74 -13.26	79.62 3.85 -15.55	82.08 3.95 -19.24	97.92 4.39 -30.78	117.97 4.21 -52.72	103.79 4.53 -33.61	83.29 3.73 -18.33	83.70 3.55 -18.99	78.91 3.48 -14.34	72.83 3.35 -8.65	71.97 3.28 -7.99	75.53 3.47 -11.26	79.35 3.95 -13.76	91.94 4.24 -26.28	118.40 6.46 -26.99	142.36 7.34 -37.19	114.28 6.15 -21.53	103.44 5.76 -14.28	104.25 4.92 -24.74	100.70 4.69 -27.00	102.12 4.94 -26.62
SOUTH HAMPTN___IC 23720	88.16 5.44 -22.33	77.81 4.97 -14.32	71.02 4.91 -6.90	67.53 4.64 -3.48	71.11 4.94 -5.95	73.36 5.07 -9.40	119.86 6.40 -50.71	143.39 6.47 -75.89	143.81 7.74 -70.41	122.86 6.73 -54.90	114.32 6.24 -46.92	95.56 6.05 -28.42	71.93 5.96 -5.13	71.92 5.89 -5.33	92.88 5.96 -26.12	100.05 6.29 -32.11	122.30 6.20 -54.68	162.47 9.60 -67.92	164.84 10.37 -56.64	138.80 8.66 -43.55	133.72 7.93 -42.38	125.72 6.86 -44.27	115.45 6.34 -40.10	116.32 6.56 -39.20
SOUTHDOW_115KV_TB1 355954	57.68 -2.72 0.00	55.76 -2.75 0.00	55.66 -3.55 0.00	56.08 -3.33 0.00	57.03 -3.19 0.00	56.13 -2.77 0.00	61.18 -1.57 0.00	59.85 -3.78 -2.60	63.72 -1.97 -0.04	60.37 -2.57 -1.71	59.35 -3.61 -1.80	58.85 -3.97 -1.73	58.84 -2.86 -0.87	57.14 -4.37 -0.80	57.40 -4.80 -1.40	61.99 -1.36 -1.70	62.94 -1.23 -2.75	86.00 -1.78 -2.82	99.42 -1.08 -2.67	86.72 -1.47 -1.60	83.65 -1.25 -1.49	75.46 -0.75 -1.61	69.96 -0.83 -1.78	72.86 0.56 -1.73
SOUTHOLD_69_KV_BK 2 55809	88.16 5.44 -22.33	77.75 4.92 -14.32	70.96 4.86 -6.90	67.47 4.57 -3.48	71.11 4.94 -5.95	73.36 5.07 -9.40	119.92 6.46 -50.71	143.52 6.59 -75.89	144.07 8.01 -70.41	123.04 6.92 -54.90	114.26 6.18 -46.92	95.44 5.93 -28.42	71.74 5.78 -5.13	71.74 5.71 -5.33	92.69 5.78 -26.12	99.98 6.23 -32.11	122.31 6.20 -54.68	162.73 9.85 -67.92	164.85 10.37 -56.64	138.80 8.66 -43.55	133.63 7.84 -42.38	125.65 6.79 -44.27	115.32 6.21 -40.10	116.75 6.99 -39.20
SOUTHOLD___IC 23719	88.16 5.44 -22.33	77.75 4.92 -14.32	70.96 4.86 -6.90	67.47 4.57 -3.48	71.11 4.94 -5.95	73.36 5.07 -9.40	119.93 6.46 -50.71	143.52 6.59 -75.89	144.07 8.01 -70.41	123.04 6.92 -54.90	114.26 6.17 -46.92	95.44 5.92 -28.42	71.74 5.78 -5.13	71.74 5.70 -5.33	92.69 5.78 -26.12	99.98 6.22 -32.11	122.30 6.20 -54.68	162.72 9.85 -67.92	164.84 10.37 -56.64	138.80 8.66 -43.55	133.63 7.84 -42.38	125.65 6.79 -44.27	115.39 6.28 -40.10	116.75 6.99 -39.20
SOUTH_FORK_WT_PWR 323839	87.50 4.77 -22.33	77.17 4.33 -14.32	70.37 4.27 -6.90	66.87 3.98 -3.48	70.45 4.28 -5.95	72.77 4.47 -9.40	119.23 5.77 -50.71	142.91 5.99 -75.89	143.55 7.48 -70.41	122.55 6.43 -54.90	113.52 5.44 -46.92	94.70 5.19 -28.42	71.07 5.11 -5.13	71.01 4.98 -5.33	92.02 5.11 -26.12	99.24 5.48 -32.11	121.57 5.46 -54.68	161.79 8.92 -67.92	163.47 8.99 -56.64	137.50 7.36 -43.55	132.37 6.59 -42.38	124.53 5.67 -44.27	114.42 5.31 -40.10	116.18 6.42 -39.20
SPIERFLS_115KV_TB 1 80737	119.66 5.32 -53.95	119.32 5.03 -55.77	106.41 5.03 -42.16	102.41 4.99 -38.01	109.97 5.18 -44.58	119.18 5.12 -55.16	156.75 5.77 -88.23	178.97 5.55 -112.38	167.92 6.30 -95.96	107.77 5.63 -40.91	108.91 5.50 -42.24	93.39 5.31 -26.98	84.57 5.23 -18.51	81.98 5.10 -16.18	80.13 5.11 -14.23	92.51 5.67 -25.19	124.04 5.71 -56.91	151.63 8.24 -58.44	209.67 9.59 -102.25	165.98 8.40 -70.98	161.70 8.09 -70.20	152.82 7.31 -70.91	153.10 6.69 -77.40	153.79 6.91 -76.32
ST LAWRENCE____ 23600	59.68 -0.72 0.00	58.04 -0.47 0.00	58.80 -0.41 0.00	59.00 -0.41 0.00	59.74 -0.48 0.00	58.13 -0.77 0.00	61.18 -1.57 0.00	59.69 -1.34 0.00	63.55 -2.10 0.00	59.57 -1.65 0.00	59.57 -1.59 0.00	59.62 -1.47 0.00	59.62 -1.22 0.00	59.61 -1.09 0.00	59.52 -1.28 0.00	59.48 -2.16 0.00	59.52 -1.90 0.00	82.15 -2.80 0.00	94.70 -3.13 0.00	83.91 -2.69 0.00	81.24 -2.17 0.00	72.95 -1.64 0.00	67.77 -1.24 0.00	69.43 -1.13 0.00
STATE_CA_115KV_115_LB 55624	98.05 2.42 -35.23	97.16 2.22 -36.42	89.12 2.37 -27.54	86.67 2.44 -24.82	91.74 2.41 -29.11	97.22 2.30 -36.02	123.01 2.64 -57.62	144.54 2.50 -81.00	131.42 3.02 -62.75	93.16 2.94 -29.00	94.14 3.00 -29.98	84.53 3.05 -20.39	77.13 2.98 -13.32	75.51 2.91 -11.89	76.56 2.92 -12.84	83.91 3.02 -19.25	104.97 2.76 -40.78	130.31 3.48 -41.88	169.38 3.91 -67.63	136.07 3.38 -46.10	131.61 3.17 -45.03	123.74 2.83 -46.31	122.17 2.62 -50.55	122.94 2.54 -49.84

STATE_ST_34_KV_LOAD 55959	59.68 -0.72 0.00	57.69 -0.82 0.00	58.20 -1.01 0.00	58.46 -0.95 0.00	59.38 -0.84 0.00	58.49 -0.41 0.00	62.94 0.19 0.00	64.05 0.12 -2.89	66.14 0.46 -0.03	62.45 -0.06 -1.29	62.39 -0.12 -1.35	62.15 -0.24 -1.31	60.92 -0.61 -0.70	60.67 -0.73 -0.69	61.65 -0.61 -1.46	63.18 0.25 -1.29	63.79 0.31 -2.07	87.76 0.68 -2.12	99.20 0.88 -0.49	87.37 0.78 0.00	83.91 0.50 0.00	74.97 0.37 0.00	69.01 0.00 0.00	70.77 0.21 0.00
STATION_5_MISC_HYD 23604	57.38 -3.02 0.00	55.65 -2.87 0.00	55.72 -3.49 0.00	56.14 -3.27 0.00	57.03 -3.19 0.00	56.07 -2.83 0.00	60.62 -2.13 0.00	61.51 -2.08 -2.55	63.51 -2.16 -0.03	59.94 -2.51 -1.23	60.26 -2.20 -1.29	59.96 -2.38 -1.26	57.59 -3.89 -0.65	57.95 -3.40 -0.64	59.10 -2.80 -1.10	60.72 -2.16 -1.24	60.94 -2.46 -1.97	83.58 -3.40 -2.03	94.58 -3.72 -0.47	83.22 -3.38 0.00	80.15 -3.25 0.00	71.84 -2.76 0.00	66.31 -2.69 0.00	68.66 -1.90 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	58.59 -1.81 0.00	56.76 -1.76 0.00	56.96 -2.25 0.00	57.33 -2.08 0.00	58.29 -1.93 0.00	57.37 -1.53 0.00	62.00 -0.75 0.00	62.92 -0.79 -2.68	65.09 -0.59 -0.03	61.17 -1.29 -1.23	61.36 -1.10 -1.29	61.06 -1.28 -1.26	59.24 -2.25 -0.66	59.29 -2.06 -0.65	60.20 -1.70 -1.10	62.08 -0.80 -1.24	62.48 -0.92 -1.98	85.88 -1.10 -2.03	97.13 -1.17 -0.47	85.38 -1.21 0.00	82.16 -1.25 0.00	73.63 -0.97 0.00	67.83 -1.17 0.00	69.99 -0.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	57.20 -3.20 0.00	55.47 -3.04 0.00	55.60 -3.61 0.00	55.96 -3.45 0.00	56.85 -3.37 0.00	55.89 -3.00 0.00	60.37 -2.38 0.00	61.44 -2.26 -2.66	63.38 -2.30 -0.03	59.63 -2.82 -1.22	60.06 -2.39 -1.28	59.77 -2.57 -1.25	57.47 -4.01 -0.65	57.83 -3.52 -0.65	58.85 -3.04 -1.09	60.53 -2.34 -1.23	60.74 -2.64 -1.96	83.31 -3.65 -2.01	94.28 -4.01 -0.46	82.79 -3.81 0.00	79.74 -3.67 0.00	71.54 -3.06 0.00	65.97 -3.04 0.00	68.37 -2.19 0.00
STA_56___34_KV_BUS2 355983	57.20 -3.20 0.00	55.47 -3.04 0.00	55.60 -3.61 0.00	55.96 -3.45 0.00	56.85 -3.37 0.00	55.89 -3.00 0.00	60.37 -2.38 0.00	61.44 -2.26 -2.66	63.38 -2.30 -0.03	59.63 -2.82 -1.22	60.06 -2.39 -1.28	59.77 -2.57 -1.25	57.47 -4.01 -0.65	57.83 -3.52 -0.65	58.85 -3.04 -1.09	60.53 -2.34 -1.23	60.74 -2.64 -1.96	83.31 -3.65 -2.01	94.28 -4.01 -0.46	82.79 -3.81 0.00	79.74 -3.67 0.00	71.54 -3.06 0.00	65.97 -3.04 0.00	68.37 -2.19 0.00
STA_67___115KV_BK2 355882	57.26 -3.14 0.00	55.53 -2.98 0.00	55.60 -3.61 0.00	56.02 -3.39 0.00	56.91 -3.31 0.00	55.95 -2.94 0.00	60.43 -2.32 0.00	61.32 -2.26 -2.54	63.38 -2.30 -0.03	59.64 -2.82 -1.23	60.07 -2.39 -1.29	59.78 -2.57 -1.26	57.41 -4.08 -0.65	57.82 -3.52 -0.64	58.86 -3.04 -1.10	60.60 -2.28 -1.24	60.75 -2.64 -1.97	83.33 -3.65 -2.02	94.29 -4.01 -0.47	82.79 -3.81 0.00	79.74 -3.67 0.00	71.54 -3.06 0.00	65.97 -3.04 0.00	68.44 -2.12 0.00
STA_7___115KV_9TRANS 80674	57.68 -2.72 0.00	55.94 -2.57 0.00	56.01 -3.20 0.00	56.38 -3.03 0.00	57.33 -2.89 0.00	56.37 -2.53 0.00	60.99 -1.76 0.00	61.88 -1.71 -2.55	64.04 -1.64 -0.03	60.19 -2.27 -1.23	60.62 -1.83 -1.29	60.27 -2.08 -1.26	57.96 -3.53 -0.65	58.31 -3.04 -0.64	59.35 -2.55 -1.10	61.09 -1.79 -1.24	61.37 -2.03 -1.97	84.18 -2.80 -2.03	95.27 -3.03 -0.47	83.65 -2.94 0.00	80.57 -2.84 0.00	72.28 -2.31 0.00	66.59 -2.42 0.00	69.08 -1.48 0.00
STA_82___115KV_TB1 80780	57.26 -3.14 0.00	55.53 -2.98 0.00	55.66 -3.55 0.00	56.02 -3.39 0.00	56.91 -3.31 0.00	55.95 -2.94 0.00	60.49 -2.26 0.00	61.53 -2.20 -2.69	63.44 -2.23 -0.03	59.64 -2.82 -1.24	60.14 -2.32 -1.30	59.78 -2.57 -1.26	57.42 -4.08 -0.66	57.84 -3.52 -0.65	58.86 -3.04 -1.10	60.61 -2.28 -1.24	60.76 -2.64 -1.98	83.34 -3.65 -2.04	94.29 -4.01 -0.47	82.79 -3.81 0.00	79.82 -3.59 0.00	71.61 -2.98 0.00	66.04 -2.97 0.00	68.51 -2.05 0.00
STEEL___WIND 323596	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.40 -4.82 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	57.88 -5.43 -2.27	61.29 -4.40 -0.03	57.88 -4.96 -1.61	57.60 -5.26 -1.69	57.10 -5.62 -1.63	56.17 -5.47 -0.81	55.19 -6.25 -0.74	55.97 -6.14 -1.31	59.98 -3.27 -1.61	60.02 -3.99 -2.59	82.35 -5.27 -2.66	92.77 -5.68 -0.61	81.66 -4.93 0.00	78.74 -4.67 0.00	70.79 -3.80 0.00	65.56 -3.45 0.00	68.51 -2.05 0.00
STEPHTWN_115KV_BK_2 55603	90.88 3.02 -27.46	89.72 2.81 -28.39	83.64 2.96 -21.46	81.73 2.97 -19.35	85.86 2.95 -22.69	89.86 2.89 -28.08	110.93 3.26 -44.92	132.05 3.05 -67.96	118.22 3.61 -48.96	88.71 3.43 -24.05	89.48 3.43 -24.89	82.28 3.54 -17.65	75.41 3.41 -11.17	74.15 3.34 -10.10	76.40 3.34 -12.25	81.94 3.51 -16.78	98.89 3.38 -34.09	124.38 4.42 -35.00	156.08 4.99 -53.26	121.32 4.33 -30.39	105.05 4.09 -17.56	114.28 3.58 -36.10	111.72 3.31 -39.40	112.73 3.32 -38.85
STEUBEN_REC_LFGE 323667	57.94 -3.99 -1.53	56.12 -3.98 -1.58	55.85 -4.56 -1.20	56.03 -4.46 -1.08	57.21 -4.28 -1.26	56.87 -3.59 -1.56	62.62 -2.64 -2.50	67.04 -3.78 -9.79	65.39 -3.02 -2.76	59.75 -3.80 -2.32	59.30 -4.28 -2.42	58.55 -4.70 -2.16	58.17 -3.95 -1.29	57.79 -4.31 -1.39	57.80 -3.95 -0.95	62.53 -1.23 -2.12	64.45 -0.43 -3.46	88.43 -0.08 -3.55	101.62 0.49 -3.30	89.23 0.69 -1.94	85.82 0.58 -1.83	77.40 0.82 -1.98	71.58 0.41 -2.16	73.96 1.27 -2.13
STILLWATER___SOLAR 323814	116.19 4.23 -51.57	115.81 3.98 -53.31	103.54 4.03 -40.30	99.72 3.98 -36.33	106.93 4.10 -42.61	115.68 4.06 -52.72	151.73 4.64 -84.34	173.77 4.40 -108.34	162.45 5.06 -91.74	105.08 4.47 -39.39	106.25 4.41 -40.68	91.56 4.34 -26.14	82.94 4.26 -17.85	80.47 4.13 -15.63	79.02 4.19 -14.03	90.82 4.75 -24.42	121.01 4.73 -54.86	147.99 6.71 -56.33	203.51 7.83 -97.84	161.58 6.84 -68.14	158.02 6.59 -68.03	148.20 5.82 -67.78	148.30 5.31 -73.98	148.87 5.36 -72.95
STONY___BROOK 24151	87.92 5.20 -22.33	77.58 4.74 -14.32	70.73 4.62 -6.90	67.35 4.46 -3.48	70.87 4.70 -5.95	73.18 4.89 -9.40	119.55 6.08 -50.71	143.09 6.16 -75.89	143.35 7.29 -70.41	122.61 6.49 -54.90	114.32 6.24 -46.92	95.56 6.05 -28.42	71.99 6.02 -5.13	71.92 5.89 -5.33	92.88 5.96 -26.12	100.29 6.53 -32.11	122.55 6.45 -54.68	162.47 9.60 -67.92	165.24 10.76 -56.64	139.23 9.09 -43.55	134.30 8.51 -42.38	126.10 7.23 -44.27	115.67 6.56 -40.10	116.11 6.35 -39.20
STURGEON_POOL_HYD 23609	70.54 2.54 -7.61	68.43 2.05 -7.86	67.23 2.07 -5.95	66.79 2.02 -5.36	68.61 2.11 -6.29	69.03 2.36 -7.78	78.39 3.20 -12.44	95.86 3.17 -31.65	83.21 3.87 -13.69	75.17 3.43 -10.52	75.34 3.24 -10.94	73.83 3.18 -9.56	69.11 3.10 -5.18	68.77 3.04 -5.03	73.27 3.10 -9.37	74.65 3.64 -9.36	80.60 3.62 -15.56	106.37 5.44 -15.97	120.29 6.26 -16.20	101.18 5.28 -9.31	95.83 4.75 -7.67	88.55 3.95 -10.00	83.51 3.59 -10.91	84.50 3.18 -10.76
ST_LAW_115_BK7_LBMP 345037	59.68 -0.72 0.00	58.11 -0.41 0.00	58.86 -0.35 0.00	59.00 -0.41 0.00	59.74 -0.48 0.00	58.07 -0.82 0.00	61.12 -1.63 0.00	59.64 -1.40 0.00	63.49 -2.16 0.00	59.51 -1.71 0.00	59.52 -1.65 0.00	59.56 -1.52 0.00	59.55 -1.28 0.00	59.61 -1.09 0.00	59.52 -1.28 0.00	59.36 -2.28 0.00	59.45 -1.97 0.00	81.98 -2.98 0.00	94.61 -3.23 0.00	83.74 -2.86 0.00	81.16 -2.25 0.00	72.88 -1.71 0.00	67.77 -1.24 0.00	69.36 -1.20 0.00

ST_LAW_115_BK8_LBMP 345038	59.68 -0.72 0.00	58.11 -0.41 0.00	58.86 -0.35 0.00	59.00 -0.41 0.00	59.74 -0.48 0.00	58.07 -0.82 0.00	61.12 -1.63 0.00	59.64 -1.40 0.00	63.49 -2.16 0.00	59.51 -1.71 0.00	59.52 -1.65 0.00	59.56 -1.52 0.00	59.55 -1.28 0.00	59.61 -1.09 0.00	59.52 -1.28 0.00	59.36 -2.28 0.00	59.45 -1.97 0.00	81.98 -2.98 0.00	94.61 -3.23 0.00	83.74 -2.86 0.00	81.16 -2.25 0.00	72.88 -1.71 0.00	67.77 -1.24 0.00	69.36 -1.20 0.00
ST_LAW_230_BK5_LBMP 345035	59.68 -0.72 0.00	58.04 -0.47 0.00	58.80 -0.41 0.00	59.00 -0.41 0.00	59.74 -0.48 0.00	58.13 -0.77 0.00	61.18 -1.57 0.00	59.69 -1.34 0.00	63.55 -2.10 0.00	59.57 -1.65 0.00	59.57 -1.59 0.00	59.62 -1.47 0.00	59.62 -1.22 0.00	59.61 -1.09 0.00	59.52 -1.28 0.00	59.48 -2.16 0.00	59.52 -1.90 0.00	82.15 -2.80 0.00	94.70 -3.13 0.00	83.91 -2.69 0.00	81.24 -2.17 0.00	72.95 -1.64 0.00	67.77 -1.24 0.00	69.43 -1.13 0.00
ST_LAW_230_BK6_LBMP 345036	59.68 -0.72 0.00	58.04 -0.47 0.00	58.80 -0.41 0.00	59.00 -0.41 0.00	59.74 -0.48 0.00	58.13 -0.77 0.00	61.18 -1.57 0.00	59.69 -1.34 0.00	63.55 -2.10 0.00	59.57 -1.65 0.00	59.57 -1.59 0.00	59.62 -1.47 0.00	59.62 -1.22 0.00	59.61 -1.09 0.00	59.52 -1.28 0.00	59.48 -2.16 0.00	59.52 -1.90 0.00	82.15 -2.80 0.00	94.70 -3.13 0.00	83.91 -2.69 0.00	81.24 -2.17 0.00	72.95 -1.64 0.00	67.77 -1.24 0.00	69.43 -1.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	67.35 2.36 -4.60	65.26 1.99 -4.76	64.76 1.95 -3.59	64.55 1.90 -3.24	66.01 1.99 -3.80	65.84 2.24 -4.70	73.22 2.95 -7.52	88.93 2.87 -25.02	77.53 3.55 -8.33	72.54 3.18 -8.13	72.70 3.06 -8.48	72.01 2.99 -7.93	67.90 2.98 -4.09	67.69 2.91 -4.07	72.13 2.92 -8.41	72.93 3.45 -7.83	76.96 3.32 -12.22	102.35 4.84 -12.55	113.87 5.58 -10.46	97.20 4.68 -5.93	93.25 4.25 -5.59	84.15 3.51 -6.05	78.78 3.17 -6.60	79.96 2.89 -6.51
SWANROAD_115KV_TB1 355699	54.24 -6.16 0.00	52.60 -5.91 0.00	52.52 -6.69 0.00	52.93 -6.48 0.00	53.78 -6.44 0.00	52.83 -6.07 0.00	57.16 -5.58 0.00	56.85 -6.53 -2.35	59.45 -6.24 -0.03	56.11 -6.61 -1.50	56.25 -6.48 -1.57	55.95 -6.66 -1.52	53.68 -7.91 -0.76	53.64 -7.77 -0.71	54.70 -7.36 -1.26	57.53 -5.61 -1.49	57.37 -6.45 -2.40	78.42 -9.01 -2.46	88.52 -9.88 -0.57	77.59 -9.01 0.00	74.98 -8.42 0.00	67.73 -6.86 0.00	62.59 -6.42 0.00	65.83 -4.73 0.00
SYNERGY___BIOGAS 323694	57.08 -3.32 0.00	55.41 -3.10 0.00	55.18 -4.03 0.00	55.67 -3.74 0.00	56.61 -3.61 0.00	55.66 -3.24 0.00	60.49 -2.26 0.00	60.65 -2.81 -2.42	63.12 -2.56 -0.03	59.38 -3.25 -1.40	59.45 -3.18 -1.47	59.03 -3.48 -1.42	56.81 -4.74 -0.72	56.83 -4.55 -0.68	57.98 -4.01 -1.19	60.64 -2.41 -1.40	60.78 -2.89 -2.24	83.44 -3.82 -2.30	94.45 -3.92 -0.53	82.96 -3.63 0.00	79.98 -3.42 0.00	71.84 -2.76 0.00	66.38 -2.62 0.00	69.22 -1.34 0.00
SYRACUSE___ENERGY_ST1 323597	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.37 -0.38 0.00	63.22 -0.12 -2.31	65.80 0.13 -0.02	62.02 -0.24 -1.04	62.08 -0.18 -1.10	61.85 -0.31 -1.07	60.78 -0.61 -0.56	60.53 -0.73 -0.55	61.31 -0.61 -1.12	62.76 0.06 -1.06	63.09 0.00 -1.67	86.93 0.25 -1.72	98.52 0.29 -0.40	86.85 0.26 0.00	83.49 0.08 0.00	74.52 -0.07 0.00	68.73 -0.28 0.00	70.42 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	59.43 -0.97 0.00	57.46 -1.05 0.00	58.03 -1.18 0.00	58.28 -1.13 0.00	59.14 -1.08 0.00	58.13 -0.77 0.00	62.37 -0.38 0.00	63.22 -0.12 -2.31	65.80 0.13 -0.02	62.02 -0.24 -1.04	62.08 -0.18 -1.10	61.85 -0.31 -1.07	60.78 -0.61 -0.56	60.53 -0.73 -0.55	61.31 -0.61 -1.12	62.76 0.06 -1.06	63.09 0.00 -1.67	86.93 0.25 -1.72	98.52 0.29 -0.40	86.85 0.26 0.00	83.49 0.08 0.00	74.52 -0.07 0.00	68.73 -0.28 0.00	70.42 -0.14 0.00
SYRACUSE___POWER 24017	59.37 -1.03 0.00	57.40 -1.11 0.00	57.97 -1.24 0.00	58.16 -1.25 0.00	59.08 -1.14 0.00	58.07 -0.82 0.00	62.25 -0.50 0.00	62.92 -0.49 -2.37	65.48 -0.20 -0.02	61.75 -0.55 -1.07	61.74 -0.55 -1.13	61.52 -0.67 -1.10	60.50 -0.91 -0.58	60.24 -1.03 -0.57	61.12 -0.91 -1.23	62.48 -0.25 -1.09	62.84 -0.31 -1.72	86.47 -0.25 -1.77	98.04 -0.20 -0.41	86.34 -0.26 0.00	82.99 -0.42 0.00	74.15 -0.45 0.00	68.39 -0.62 0.00	70.06 -0.49 0.00
TALLMAN___138KV_BK151 55660	67.66 2.54 -4.72	65.50 2.11 -4.88	64.98 2.07 -3.69	64.76 2.02 -3.33	66.17 2.05 -3.90	66.08 2.36 -4.83	73.61 3.14 -7.73	89.78 3.05 -25.69	77.95 3.74 -8.56	73.00 3.43 -8.35	73.17 3.30 -8.70	72.47 3.24 -8.14	68.26 3.22 -4.20	68.04 3.16 -4.17	72.60 3.16 -8.63	73.32 3.64 -8.04	77.46 3.50 -12.54	102.85 5.01 -12.88	114.35 5.77 -10.74	97.53 4.85 -6.09	93.57 4.42 -5.74	84.46 3.66 -6.21	79.03 3.24 -6.78	80.14 2.89 -6.68
TEALLAVE_115KV_TB7 355573	59.01 -1.39 0.00	57.05 -1.46 0.00	57.61 -1.60 0.00	57.86 -1.54 0.00	58.71 -1.51 0.00	57.72 -1.18 0.00	61.87 -0.88 0.00	62.29 -0.79 -2.05	65.08 -0.59 -0.02	60.39 -0.86 -0.02	60.39 -0.80 -0.02	60.52 -0.92 -0.35	59.57 -1.28 -0.02	59.47 -1.34 -0.10	60.47 -1.22 -0.89	61.49 -0.55 -0.40	60.74 -0.68 0.00	84.19 -0.76 0.00	96.95 -0.88 0.00	85.73 -0.87 0.00	82.41 -1.00 0.00	73.63 -0.97 0.00	67.90 -1.10 0.00	69.57 -0.99 0.00
TELGRAPH_34_KV_EAST 80808	55.87 -4.53 0.00	54.24 -4.27 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.46 -4.76 0.00	54.48 -4.42 0.00	59.11 -3.64 0.00	59.02 -4.39 -2.38	61.68 -4.00 -0.03	58.01 -4.65 -1.44	58.15 -4.53 -1.51	57.78 -4.76 -1.46	55.55 -6.02 -0.74	55.51 -5.89 -0.69	56.55 -5.47 -1.22	59.32 -3.76 -1.44	59.37 -4.36 -2.31	81.29 -6.03 -2.37	91.92 -6.46 -0.55	80.53 -6.06 0.00	77.73 -5.67 0.00	70.12 -4.48 0.00	64.73 -4.28 0.00	67.88 -2.68 0.00
TEMPLE___115KV_TB 2 55572	59.07 -1.33 0.00	57.11 -1.40 0.00	57.67 -1.54 0.00	57.86 -1.54 0.00	58.77 -1.45 0.00	57.78 -1.12 0.00	61.93 -0.82 0.00	62.32 -0.79 -2.07	65.08 -0.59 -0.02	60.39 -0.86 -0.02	60.39 -0.80 -0.02	60.53 -0.92 -0.36	59.57 -1.28 -0.02	59.47 -1.34 -0.10	60.48 -1.22 -0.90	61.49 -0.55 -0.40	60.74 -0.68 0.00	84.19 -0.76 0.00	96.95 -0.88 0.00	85.82 -0.78 0.00	82.49 -0.92 0.00	73.63 -0.97 0.00	67.97 -1.04 0.00	69.64 -0.92 0.00
TIANA____69_KV_BK 1 55817	88.16 5.44 -22.33	77.81 4.97 -14.32	71.02 4.91 -6.90	67.58 4.69 -3.48	71.17 5.00 -5.95	73.42 5.12 -9.40	119.86 6.40 -50.71	143.40 6.47 -75.89	143.75 7.68 -70.41	122.86 6.73 -54.90	114.38 6.30 -46.92	95.62 6.11 -28.42	72.05 6.08 -5.13	71.98 5.95 -5.33	92.87 5.96 -26.12	100.11 6.35 -32.11	122.37 6.26 -54.68	162.47 9.60 -67.92	164.94 10.47 -56.64	138.97 8.83 -43.55	133.79 8.01 -42.38	125.88 7.01 -44.27	115.53 6.42 -40.10	116.32 6.56 -39.20
TILDEN___115KV_TB1 80814	59.37 -1.03 0.00	57.40 -1.11 0.00	57.97 -1.24 0.00	58.16 -1.25 0.00	59.08 -1.14 0.00	58.07 -0.82 0.00	62.25 -0.50 0.00	62.92 -0.49 -2.37	65.48 -0.20 -0.02	61.75 -0.55 -1.07	61.74 -0.55 -1.13	61.52 -0.67 -1.10	60.50 -0.91 -0.58	60.24 -1.03 -0.57	61.12 -0.91 -1.23	62.48 -0.25 -1.09	62.84 -0.31 -1.72	86.47 -0.25 -1.77	98.04 -0.20 -0.41	86.34 -0.26 0.00	82.99 -0.42 0.00	74.15 -0.45 0.00	68.39 -0.62 0.00	70.06 -0.49 0.00

TRIGEN___CC 323695	86.59 3.87 -22.33	76.29 3.45 -14.32	69.48 3.38 -6.90	66.16 3.27 -3.48	69.54 3.37 -5.95	71.95 3.65 -9.40	118.04 4.58 -50.71	141.38 4.46 -75.89	141.51 5.45 -70.41	121.14 5.02 -54.90	112.97 4.89 -46.92	94.40 4.89 -28.42	70.83 4.87 -5.13	70.77 4.74 -5.33	91.72 4.80 -26.12	99.12 5.36 -32.11	121.26 5.16 -54.68	160.18 7.31 -67.92	162.89 8.41 -56.64	137.33 7.19 -43.55	132.46 6.67 -42.38	124.46 5.59 -44.27	114.22 5.11 -40.10	114.49 4.73 -39.20
TRINITY___115KV___4 BK 55933	91.26 2.23 -28.63	90.16 2.05 -29.60	83.78 2.19 -22.37	81.84 2.26 -20.17	86.10 2.23 -23.65	90.29 2.12 -29.27	112.02 2.45 -46.82	133.29 2.32 -69.93	119.50 2.82 -51.03	88.72 2.69 -24.80	89.63 2.81 -25.66	82.03 2.87 -18.07	75.12 2.80 -11.49	73.81 2.73 -10.37	75.88 2.74 -12.35	81.57 2.77 -17.15	99.10 2.58 -35.10	124.22 3.23 -36.04	156.87 3.62 -55.42	125.73 3.12 -36.02	118.35 2.92 -32.03	114.84 2.61 -37.63	112.49 2.42 -41.07	113.39 2.33 -40.50
UNION___PROCESSING_DRP 323587	57.32 -3.08 0.00	55.59 -2.93 0.00	55.66 -3.55 0.00	56.02 -3.39 0.00	56.97 -3.25 0.00	55.95 -2.94 0.00	60.49 -2.26 0.00	61.53 -2.20 -2.69	63.44 -2.23 -0.03	59.71 -2.76 -1.24	60.14 -2.32 -1.30	59.85 -2.50 -1.26	57.48 -4.01 -0.66	57.84 -3.52 -0.65	58.92 -2.98 -1.10	60.67 -2.22 -1.24	60.82 -2.58 -1.98	83.42 -3.57 -2.04	94.29 -4.01 -0.47	82.87 -3.72 0.00	79.82 -3.59 0.00	71.61 -2.98 0.00	66.04 -2.97 0.00	68.51 -2.05 0.00
UPPER HUDSON___HYD 24058	119.66 5.32 -53.95	119.32 5.03 -55.77	106.40 5.03 -42.16	102.41 4.99 -38.01	109.97 5.18 -44.58	119.18 5.12 -55.16	156.75 5.77 -88.23	178.97 5.55 -112.38	167.92 6.30 -95.96	107.76 5.63 -40.91	108.91 5.51 -42.24	93.38 5.31 -26.98	84.57 5.23 -18.51	81.98 5.10 -16.18	80.13 5.11 -14.23	92.57 5.73 -25.19	124.04 5.71 -56.91	151.63 8.24 -58.44	209.67 9.59 -102.25	165.98 8.40 -70.98	161.79 8.18 -70.20	152.82 7.31 -70.91	153.09 6.69 -77.40	153.72 6.84 -76.32
UPPER RAQUET___HYD 24056	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.23 0.00	61.87 -0.88 0.00	60.82 -0.55 -0.33	64.27 -1.38 0.00	60.06 -1.17 0.00	60.07 -1.10 0.00	60.11 -1.04 -0.06	60.04 -0.79 0.00	60.11 -0.61 -0.02	59.91 -1.03 -0.14	59.37 -2.34 -0.06	59.39 -2.03 0.00	81.98 -2.98 0.00	94.80 -3.03 0.00	84.00 -2.60 0.00	81.74 -1.67 0.00	74.00 -0.60 0.00	69.08 0.07 0.00	70.84 0.28 0.00
VALLEY44_115KV_TB2 355964	58.57 -3.08 -1.25	56.71 -3.10 -1.30	56.46 -3.73 -0.98	56.79 -3.51 -0.88	57.82 -3.43 -1.04	57.06 -3.12 -1.28	62.48 -2.32 -2.05	60.04 -5.92 -4.92	64.76 -3.15 -2.26	59.59 -3.55 -1.92	57.72 -5.44 -2.00	56.78 -6.11 -1.80	59.01 -2.74 -0.91	55.73 -5.83 -0.85	55.38 -6.87 -1.45	60.64 -2.77 -1.77	61.95 -2.33 -2.86	84.32 -3.57 -2.94	96.69 -3.91 -2.77	84.52 -3.72 -1.64	81.53 -3.42 -1.55	73.58 -2.69 -1.67	68.28 -2.55 -1.83	70.95 -1.41 -1.80
VALLEY___115KV_TB 1-4 80826	61.06 0.66 0.00	59.10 0.59 0.00	59.80 0.59 0.00	60.00 0.59 0.00	60.94 0.72 0.00	59.66 0.77 0.00	63.75 1.00 0.00	62.01 0.98 0.00	66.77 1.12 0.00	62.20 0.98 0.00	62.02 0.86 0.00	61.94 0.86 0.00	61.62 0.79 0.00	61.31 0.61 0.00	61.41 0.61 0.00	62.45 0.80 0.00	62.28 0.86 0.00	86.40 1.44 0.00	99.79 1.96 0.00	88.59 1.99 0.00	85.41 2.00 0.00	76.54 1.94 0.00	71.01 2.00 0.00	72.75 2.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	71.47 3.68 -7.39	69.49 3.34 -7.64	68.36 3.38 -5.77	68.00 3.39 -5.20	69.82 3.49 -6.10	70.04 3.59 -7.55	79.41 4.58 -12.08	85.73 4.33 -20.36	83.83 4.99 -13.19	73.33 4.22 -7.89	73.38 4.04 -8.18	70.90 3.79 -6.03	68.42 3.83 -3.76	67.65 3.52 -3.42	68.80 3.65 -4.36	71.77 4.38 -5.75	77.36 4.48 -11.46	103.60 6.88 -11.76	121.01 8.32 -14.87	103.47 7.36 -9.52	99.31 6.92 -8.98	90.20 5.89 -9.71	84.85 5.24 -10.60	86.51 5.50 -10.45
VISCHER___FERRY HYD 24020	107.31 3.38 -43.53	106.62 3.10 -45.01	96.37 3.14 -34.02	93.23 3.15 -30.67	99.38 3.19 -35.97	106.65 3.24 -44.51	137.71 3.76 -71.20	159.39 3.60 -94.75	147.33 4.21 -77.48	99.29 3.80 -34.27	100.36 3.79 -35.41	88.16 3.79 -23.28	80.16 3.71 -15.61	78.06 3.58 -13.78	77.83 3.65 -13.38	87.56 4.07 -21.84	113.27 3.93 -47.92	139.68 5.52 -49.20	187.08 6.27 -82.98	150.68 5.55 -58.54	149.30 5.26 -60.63	136.37 4.55 -57.22	135.67 4.21 -62.46	136.31 4.16 -61.58
V_A_10_SYNC_DSASP 323832	55.39 -5.01 0.00	53.78 -4.74 0.00	53.82 -5.39 0.00	54.24 -5.17 0.00	55.10 -5.12 0.00	54.13 -4.77 0.00	58.42 -4.33 0.00	58.97 -4.45 -2.38	60.89 -4.79 -0.03	57.75 -4.84 -1.36	58.19 -4.40 -1.43	57.89 -4.58 -1.39	54.96 -6.57 -0.70	55.54 -5.83 -0.67	56.87 -5.11 -1.18	58.76 -4.25 -1.37	58.63 -4.97 -2.19	80.32 -6.88 -2.25	90.62 -7.73 -0.52	79.75 -6.84 0.00	76.99 -6.42 0.00	69.15 -5.44 0.00	63.90 -5.11 0.00	66.75 -3.81 0.00
V_CMM_10_SYNC_DSASP 323787	59.91 -0.49 0.00	58.34 -0.18 0.00	59.09 -0.12 0.00	59.29 -0.12 0.00	59.98 -0.24 0.00	58.37 -0.53 0.00	61.43 -1.32 0.00	59.94 -1.10 0.00	63.81 -1.84 0.00	59.75 -1.47 0.00	59.76 -1.40 0.00	59.80 -1.29 0.00	59.86 -0.98 0.00	59.86 -0.85 0.00	59.77 -1.03 0.00	59.67 -1.98 0.00	59.76 -1.66 0.00	82.41 -2.55 0.00	94.99 -2.84 0.00	84.17 -2.42 0.00	81.57 -1.84 0.00	73.33 -1.27 0.00	68.18 -0.82 0.00	69.78 -0.77 0.00
V_CMP_10_SYNC_DSASP 323788	59.31 -1.09 0.00	57.69 -0.82 0.00	58.50 -0.71 0.00	58.64 -0.77 0.00	59.38 -0.84 0.00	57.78 -1.12 0.00	60.55 -2.20 0.00	59.21 -1.83 0.00	62.90 -2.75 0.00	58.84 -2.39 0.00	58.78 -2.39 0.00	58.77 -2.32 0.00	58.70 -2.13 0.00	58.76 -1.94 0.00	58.61 -2.19 0.00	58.50 -3.14 0.00	58.96 -2.46 0.00	81.39 -3.56 0.00	94.11 -3.72 0.00	83.65 -2.94 0.00	81.57 -1.84 0.00	73.70 -0.89 0.00	68.73 -0.27 0.00	71.12 0.56 0.00
V_D_10_SYNC_DSASP 323841	60.22 -0.18 0.00	58.63 0.12 0.00	59.39 0.18 0.00	59.53 0.12 0.00	60.28 0.06 0.00	58.66 -0.23 0.00	61.81 -0.94 0.00	60.31 -0.73 0.00	64.14 -1.51 0.00	60.06 -1.17 0.00	60.06 -1.10 0.00	60.05 -1.04 0.00	60.10 -0.73 0.00	60.16 -0.55 0.00	60.01 -0.79 0.00	59.85 -1.79 0.00	60.01 -1.41 0.00	82.67 -2.29 0.00	95.39 -2.44 0.00	84.52 -2.08 0.00	81.99 -1.42 0.00	73.78 -0.82 0.00	68.59 -0.41 0.00	70.28 -0.28 0.00
V_E_10_SYNC_DSASP 323830	67.46 3.62 -3.44	65.40 3.33 -3.55	65.03 3.14 -2.68	65.09 3.27 -2.42	66.55 3.49 -2.84	66.53 4.12 -3.51	73.95 5.58 -5.62	78.09 5.19 -11.87	77.65 5.84 -6.16	69.98 4.53 -4.23	69.66 4.10 -4.40	68.11 3.48 -3.54	66.30 3.40 -2.06	65.45 2.79 -1.95	67.65 3.28 -3.57	70.06 4.99 -3.42	73.22 5.59 -6.21	100.85 9.51 -6.38	116.69 11.73 -7.12	101.76 10.74 -4.43	97.84 10.26 -4.18	87.98 8.87 -4.51	81.59 7.66 -4.93	83.74 8.32 -4.86
V_F_30_NSYNC___DSASP 323816	117.26 4.23 -52.63	116.96 4.03 -54.41	104.37 4.03 -41.14	100.48 3.98 -37.09	107.81 4.10 -43.49	116.77 4.06 -53.81	153.47 4.64 -86.08	175.64 4.45 -110.15	164.34 5.06 -93.63	105.83 4.53 -40.07	107.01 4.46 -41.38	92.00 4.40 -26.52	83.29 4.32 -18.14	80.77 4.19 -15.88	79.17 4.25 -14.12	91.22 4.81 -24.77	121.93 4.73 -55.78	149.03 6.80 -57.27	205.48 7.83 -99.82	162.94 6.93 -69.42	159.00 6.59 -69.00	149.60 5.82 -69.18	149.90 5.39 -75.51	150.45 5.43 -74.46

V_F_30_SYNC_DSASP 323786	97.51 2.42 -34.69	96.60 2.22 -35.87	88.69 2.37 -27.11	86.29 2.44 -24.45	91.30 2.41 -28.67	96.67 2.30 -35.47	122.13 2.64 -56.74	143.58 2.44 -80.10	130.46 3.02 -61.79	92.82 2.94 -28.66	93.79 3.00 -29.63	84.34 3.05 -20.20	76.98 2.98 -13.17	75.38 2.91 -11.76	76.52 2.92 -12.80	83.74 3.02 -19.08	104.50 2.76 -40.32	129.84 3.48 -41.40	168.38 3.91 -66.64	135.25 3.38 -45.28	130.54 3.17 -43.96	123.04 2.83 -45.60	121.40 2.62 -49.77	122.18 2.54 -49.08
V_XM_10_SYNC_DSASP 323789	59.31 -1.09 0.00	57.69 -0.82 0.00	58.50 -0.71 0.00	58.64 -0.77 0.00	59.38 -0.84 0.00	57.78 -1.12 0.00	60.55 -2.20 0.00	59.21 -1.83 0.00	62.90 -2.75 0.00	58.84 -2.39 0.00	58.78 -2.39 0.00	58.77 -2.32 0.00	58.70 -2.13 0.00	58.76 -1.94 0.00	58.61 -2.19 0.00	58.50 -3.14 0.00	58.96 -2.46 0.00	81.39 -3.56 0.00	94.11 -3.72 0.00	83.65 -2.94 0.00	81.57 -1.84 0.00	73.70 -0.89 0.00	68.73 -0.27 0.00	71.12 0.56 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	67.87 2.72 -4.75	65.71 2.28 -4.91	65.18 2.25 -3.72	64.96 2.20 -3.35	66.38 2.23 -3.93	66.29 2.53 -4.86	73.85 3.33 -7.77	90.18 3.30 -25.84	78.20 3.94 -8.61	73.17 3.55 -8.40	73.34 3.43 -8.75	72.64 3.36 -8.19	68.46 3.41 -4.22	68.24 3.34 -4.20	72.77 3.28 -8.68	73.55 3.82 -8.08	77.66 3.62 -12.62	103.18 5.27 -12.95	114.71 6.07 -10.81	97.92 5.20 -6.13	93.86 4.67 -5.78	84.72 3.88 -6.25	79.28 3.45 -6.82	80.39 3.10 -6.73
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	68.85 3.50 -4.94	66.67 3.04 -5.11	66.03 2.96 -3.86	65.74 2.85 -3.48	67.19 2.89 -4.08	67.19 3.24 -5.05	75.04 4.20 -8.08	92.12 4.27 -26.81	79.86 5.25 -8.95	74.89 4.96 -8.71	75.07 4.83 -9.08	74.34 4.76 -8.49	69.96 4.74 -4.38	69.73 4.67 -4.35	74.54 4.74 -9.00	75.33 5.30 -8.38	79.48 4.98 -13.08	105.44 7.05 -13.43	117.08 8.02 -11.23	99.95 6.84 -6.51	96.12 6.26 -6.45	86.39 5.30 -6.50	80.86 4.76 -7.09	81.93 4.37 -6.99
W50THST__13_KV_LOAD 356117	68.91 3.56 -4.94	66.67 3.04 -5.11	66.03 2.96 -3.86	65.80 2.91 -3.48	67.26 2.95 -4.08	67.19 3.24 -5.05	75.10 4.27 -8.08	92.12 4.27 -26.81	79.92 5.32 -8.95	74.89 4.96 -8.71	75.07 4.83 -9.08	74.40 4.83 -8.49	70.02 4.81 -4.38	69.73 4.67 -4.35	74.54 4.74 -9.00	75.33 5.30 -8.38	79.54 5.04 -13.08	105.44 7.05 -13.43	117.18 8.12 -11.23	99.95 6.84 -6.51	96.20 6.34 -6.45	86.39 5.30 -6.50	80.86 4.76 -7.09	81.93 4.37 -6.99
WADING RIVER_IC_1 23522	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.18 4.89 -9.40	119.61 6.15 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.61 6.49 -54.90	114.20 6.12 -46.92	95.44 5.92 -28.42	71.86 5.90 -5.13	71.86 5.83 -5.33	92.75 5.84 -26.12	99.86 6.10 -32.11	122.00 5.90 -54.68	161.97 9.09 -67.92	164.16 9.69 -56.64	138.28 8.14 -43.55	133.21 7.42 -42.38	125.35 6.49 -44.27	115.11 6.00 -40.10	115.83 6.07 -39.20
WADING RIVER_IC_2 23547	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.18 4.89 -9.40	119.61 6.15 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.61 6.49 -54.90	114.20 6.12 -46.92	95.44 5.92 -28.42	71.86 5.90 -5.13	71.86 5.83 -5.33	92.75 5.84 -26.12	99.86 6.10 -32.11	122.00 5.90 -54.68	161.97 9.09 -67.92	164.16 9.69 -56.64	138.28 8.14 -43.55	133.21 7.42 -42.38	125.35 6.49 -44.27	115.11 6.00 -40.10	115.83 6.07 -39.20
WADING RIVER_IC_3 23601	87.98 5.25 -22.33	77.64 4.80 -14.32	70.85 4.74 -6.90	67.40 4.51 -3.48	70.93 4.76 -5.95	73.18 4.89 -9.40	119.61 6.15 -50.71	143.16 6.23 -75.89	143.42 7.35 -70.41	122.61 6.49 -54.90	114.20 6.12 -46.92	95.44 5.92 -28.42	71.86 5.90 -5.13	71.86 5.83 -5.33	92.75 5.84 -26.12	99.86 6.10 -32.11	122.00 5.90 -54.68	161.97 9.09 -67.92	164.16 9.69 -56.64	138.28 8.14 -43.55	133.21 7.42 -42.38	125.35 6.49 -44.27	115.11 6.00 -40.10	115.83 6.07 -39.20
WALDENNY_12_KV_BK2 80841	55.93 -4.47 0.00	54.18 -4.33 0.00	54.12 -5.09 0.00	54.54 -4.87 0.00	55.46 -4.76 0.00	54.48 -4.42 0.00	59.05 -3.70 0.00	58.07 -5.25 -2.28	61.42 -4.27 -0.03	58.05 -4.78 -1.60	57.71 -5.14 -1.68	57.27 -5.44 -1.62	56.10 -5.54 -0.80	55.25 -6.19 -0.74	55.98 -6.14 -1.32	59.60 -3.64 -1.60	60.00 -3.99 -2.57	82.07 -5.52 -2.64	92.57 -5.87 -0.61	81.14 -5.46 0.00	78.40 -5.00 0.00	70.64 -3.95 0.00	65.28 -3.73 0.00	68.44 -2.12 0.00
WALDEN__HYDRO 24148	68.14 2.78 -4.96	65.98 2.34 -5.13	65.39 2.31 -3.87	65.16 2.26 -3.49	66.66 2.35 -4.10	66.56 2.59 -5.07	74.31 3.45 -8.11	90.65 3.36 -26.26	78.63 4.00 -8.97	73.39 3.61 -8.55	73.50 3.43 -8.91	72.74 3.36 -8.29	68.47 3.35 -4.29	68.18 3.22 -4.26	72.82 3.28 -8.73	73.64 3.82 -8.18	77.99 3.75 -12.83	103.73 5.61 -13.17	115.38 6.36 -11.19	98.44 5.46 -6.39	94.35 4.92 -6.03	85.22 4.10 -6.52	79.84 3.73 -7.11	80.96 3.39 -7.01
WARRENSBURG____ 23737	119.66 5.32 -53.95	119.32 5.03 -55.77	106.40 5.03 -42.16	102.41 4.99 -38.01	109.97 5.18 -44.58	119.18 5.12 -55.16	156.75 5.77 -88.23	178.97 5.55 -112.38	167.92 6.30 -95.96	107.76 5.63 -40.91	108.91 5.51 -42.24	93.38 5.31 -26.98	84.57 5.23 -18.51	81.98 5.10 -16.18	80.13 5.11 -14.23	92.57 5.73 -25.19	124.04 5.71 -56.91	151.63 8.24 -58.44	209.67 9.59 -102.25	165.98 8.40 -70.98	161.79 8.18 -70.20	152.82 7.31 -70.91	153.09 6.69 -77.40	153.72 6.84 -76.32
WATERSIDE____6 8 9 23538	68.73 3.38 -4.94	66.49 2.87 -5.11	65.92 2.84 -3.86	65.63 2.73 -3.48	67.02 2.71 -4.09	66.96 3.00 -5.06	74.79 3.95 -8.09	91.88 4.03 -26.81	79.73 5.12 -8.96	74.71 4.78 -8.71	74.95 4.71 -9.08	74.22 4.64 -8.49	69.90 4.68 -4.38	69.61 4.55 -4.35	74.36 4.56 -9.00	75.14 5.12 -8.38	71.29 4.91 -4.95	90.90 6.88 0.94	97.12 7.92 8.63	90.29 6.75 3.06	91.43 6.17 -1.85	86.24 5.15 -6.50	80.79 4.69 -7.09	81.79 4.23 -6.99
WATKINRD_115KV_LN8_ILLION 55919	61.12 0.72 0.00	59.16 0.64 0.00	59.86 0.65 0.00	60.12 0.71 0.00	60.94 0.72 0.00	59.72 0.82 0.00	63.82 1.07 0.00	62.01 0.98 0.00	66.83 1.18 0.00	62.20 0.98 0.00	62.02 0.86 0.00	62.00 0.92 0.00	61.68 0.85 0.00	61.43 0.73 0.00	61.53 0.73 0.00	62.57 0.92 0.00	62.40 0.98 0.00	86.48 1.53 0.00	99.69 1.86 0.00	88.41 1.82 0.00	85.24 1.83 0.00	76.24 1.64 0.00	70.66 1.66 0.00	72.32 1.76 0.00
WATSON__69_KV_BK 1 55734	88.52 5.80 -22.33	78.10 5.27 -14.32	71.26 5.15 -6.90	67.88 4.99 -3.48	71.41 5.24 -5.95	73.83 5.54 -9.40	120.30 6.84 -50.71	143.76 6.84 -75.89	144.01 7.94 -70.41	123.16 7.04 -54.90	114.87 6.79 -46.92	96.11 6.60 -28.42	72.41 6.45 -5.13	72.35 6.31 -5.33	93.36 6.44 -26.12	100.91 7.15 -32.11	123.23 7.12 -54.68	163.49 10.62 -67.92	166.70 12.23 -56.64	140.53 10.39 -43.55	135.38 9.59 -42.38	127.07 8.21 -44.27	116.49 7.38 -40.10	116.96 7.20 -39.20
WDELAWARE__HYD 323627	68.65 2.96 -5.29	66.44 2.46 -5.47	65.83 2.49 -4.13	65.51 2.38 -3.73	67.12 2.53 -4.37	67.25 2.94 -5.41	75.23 3.83 -8.65	90.57 3.79 -25.74	79.54 4.33 -9.55	73.40 3.74 -8.45	73.38 3.42 -8.79	72.46 3.36 -8.02	68.33 3.28 -4.21	67.95 3.09 -4.15	72.28 3.22 -8.26	73.42 3.89 -7.89	78.02 3.99 -12.61	104.19 6.29 -12.95	116.66 7.14 -11.69	99.47 6.06 -6.82	95.43 5.59 -6.43	86.18 4.63 -6.95	80.87 4.28 -7.59	81.99 3.95 -7.48

WEST BABYLON___IC 23714	88.04 5.32 -22.33	77.64 4.80 -14.32	70.84 4.74 -6.90	67.47 4.57 -3.48	70.93 4.76 -5.95	73.36 5.07 -9.40	119.74 6.27 -50.71	143.15 6.23 -75.89	143.42 7.35 -70.41	122.67 6.55 -54.90	114.44 6.36 -46.92	95.74 6.23 -28.42	72.11 6.14 -5.13	72.05 6.01 -5.33	93.06 6.14 -26.12	100.54 6.78 -32.11	122.86 6.76 -54.68	162.73 9.85 -67.92	165.82 11.35 -56.64	139.84 9.70 -43.55	134.80 9.01 -42.38	126.55 7.68 -44.27	116.01 6.90 -40.10	116.39 6.63 -39.20
WEST CANADA___HYD 24049	60.94 0.54 0.00	58.98 0.47 0.00	59.68 0.47 0.00	59.88 0.47 0.00	60.70 0.48 0.00	59.43 0.53 0.00	63.51 0.76 0.00	61.71 0.67 0.00	66.50 0.85 0.00	61.96 0.74 0.00	61.84 0.67 0.00	61.76 0.67 0.00	61.50 0.67 0.00	61.31 0.61 0.00	61.41 0.61 0.00	62.39 0.74 0.00	62.16 0.74 0.00	86.06 1.10 0.00	99.10 1.27 0.00	87.72 1.12 0.00	84.41 1.00 0.00	75.49 0.90 0.00	69.84 0.83 0.00	71.34 0.78 0.00
WESTERN_NY_WIND 24143	56.96 -3.44 0.00	55.30 -3.22 0.00	55.07 -4.14 0.00	55.55 -3.86 0.00	56.49 -3.73 0.00	55.54 -3.36 0.00	60.37 -2.38 0.00	60.45 -2.99 -2.40	63.12 -2.56 -0.03	59.21 -3.43 -1.41	59.35 -3.30 -1.48	58.92 -3.60 -1.44	56.69 -4.87 -0.73	56.66 -4.74 -0.69	57.75 -4.26 -1.21	60.41 -2.65 -1.41	60.68 -3.01 -2.27	83.21 -4.08 -2.33	94.16 -4.21 -0.54	82.44 -4.16 0.00	79.57 -3.84 0.00	71.61 -2.98 0.00	66.11 -2.90 0.00	69.08 -1.48 0.00
WESTOVER___LESR 323668	62.33 -0.36 -2.30	60.36 -0.53 -2.37	60.36 -0.65 -1.80	60.43 -0.59 -1.62	61.58 -0.54 -1.90	60.95 -0.29 -2.35	66.76 0.25 -3.76	70.62 -0.43 -10.01	70.12 0.33 -4.14	64.51 -0.12 -3.41	64.28 -0.43 -3.55	63.53 -0.67 -3.12	62.09 -0.43 -1.69	61.43 -0.91 -1.64	62.81 -0.85 -2.86	65.00 0.31 -3.05	66.86 0.37 -5.07	90.93 0.76 -5.21	103.79 0.98 -4.98	90.33 0.78 -2.96	86.87 0.67 -2.79	78.14 0.52 -3.02	72.64 0.35 -3.29	74.44 0.64 -3.25
WETHRSFD_WT_PWR 323626	56.72 -4.95 -1.28	54.92 -4.92 -1.32	54.64 -5.57 -1.00	54.90 -5.41 -0.90	55.97 -5.30 -1.05	55.37 -4.83 -1.30	60.57 -4.27 -2.09	58.08 -5.55 -2.59	63.03 -4.92 -2.30	57.66 -5.51 -1.95	57.44 -5.75 -2.03	56.81 -6.11 -1.83	55.62 -6.02 -0.81	55.09 -6.25 -0.64	56.28 -5.90 -1.37	60.11 -3.33 -1.79	60.83 -3.50 -2.90	83.61 -4.33 -2.98	96.13 -4.50 -2.80	84.35 -3.90 -1.65	81.30 -3.67 -1.56	73.30 -2.99 -1.69	68.02 -2.83 -1.84	70.68 -1.69 -1.82
WHAVSTOR_138KV_BK127 55557	67.64 2.48 -4.76	65.48 2.05 -4.92	64.94 2.01 -3.72	64.72 1.96 -3.35	66.14 1.99 -3.93	66.06 2.30 -4.87	73.61 3.07 -7.78	89.90 2.99 -25.87	77.95 3.68 -8.62	72.94 3.31 -8.41	73.11 3.18 -8.76	72.46 3.18 -8.20	68.22 3.16 -4.23	68.00 3.10 -4.20	72.59 3.10 -8.69	73.31 3.58 -8.09	77.43 3.38 -12.63	102.77 4.84 -12.97	114.33 5.67 -10.82	97.49 4.76 -6.13	93.53 4.34 -5.79	84.36 3.51 -6.26	79.01 3.17 -6.83	80.11 2.82 -6.73
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	67.64 2.48 -4.76	65.48 2.05 -4.92	64.94 2.01 -3.72	64.72 1.96 -3.35	66.14 1.99 -3.93	66.06 2.30 -4.87	73.61 3.07 -7.78	89.90 2.99 -25.87	77.95 3.68 -8.62	72.94 3.31 -8.41	73.11 3.18 -8.76	72.46 3.18 -8.20	68.22 3.16 -4.23	68.00 3.10 -4.20	72.59 3.10 -8.69	73.31 3.58 -8.09	77.43 3.38 -12.63	102.77 4.84 -12.97	114.33 5.67 -10.82	97.49 4.76 -6.13	93.53 4.34 -5.79	84.36 3.51 -6.26	79.01 3.17 -6.83	80.11 2.82 -6.73
WHITEHAL_115KV_TB1 80871	120.32 6.52 -53.40	119.98 6.26 -55.21	107.16 6.22 -41.74	103.15 6.12 -37.63	110.73 6.38 -44.12	119.86 6.36 -54.60	157.18 7.09 -87.34	179.33 6.84 -111.45	168.33 7.68 -95.00	108.58 6.80 -40.56	109.65 6.61 -41.88	94.41 6.54 -26.79	85.51 6.33 -18.36	82.95 6.19 -16.05	81.18 6.20 -14.18	93.63 6.97 -25.02	124.92 7.06 -56.44	153.19 10.28 -57.95	211.10 12.03 -101.24	167.41 10.48 -70.33	163.29 10.18 -69.70	153.82 9.03 -70.20	153.90 8.28 -76.61	154.64 8.54 -75.55
WHITEPLN_13_KV_LOAD 356215	68.89 3.56 -4.93	66.71 3.10 -5.10	66.08 3.02 -3.85	65.79 2.91 -3.47	67.31 3.01 -4.07	67.30 3.36 -5.04	75.02 4.20 -8.06	92.05 4.27 -26.74	79.84 5.25 -8.93	74.75 4.84 -8.69	74.93 4.71 -9.05	74.20 4.64 -8.47	69.82 4.62 -4.37	69.54 4.49 -4.34	74.34 4.56 -8.98	75.12 5.12 -8.36	79.45 4.98 -13.05	105.49 7.14 -13.40	117.35 8.32 -11.20	100.02 6.93 -6.49	96.18 6.34 -6.44	86.37 5.30 -6.48	80.91 4.83 -7.07	81.91 4.37 -6.98
WM_FLOYD_69_KV_BK2 356380	87.98 5.25 -22.33	77.64 4.80 -14.32	70.84 4.74 -6.90	67.41 4.52 -3.48	70.99 4.82 -5.95	73.24 4.95 -9.40	119.67 6.21 -50.71	143.21 6.29 -75.89	143.48 7.42 -70.41	122.61 6.49 -54.90	114.26 6.18 -46.92	95.44 5.93 -28.42	71.92 5.96 -5.13	71.86 5.83 -5.33	92.81 5.90 -26.12	100.04 6.29 -32.11	122.31 6.20 -54.68	162.30 9.43 -67.92	164.94 10.47 -56.64	138.97 8.83 -43.55	133.88 8.09 -42.38	125.88 7.01 -44.27	115.46 6.35 -40.10	116.11 6.35 -39.20
WOODARD___115KV_TB2 355635	58.95 -1.45 0.00	56.99 -1.52 0.00	57.55 -1.66 0.00	57.80 -1.60 0.00	58.65 -1.57 0.00	57.66 -1.24 0.00	61.75 -1.00 0.00	62.41 -0.73 -2.10	65.15 -0.53 -0.02	60.45 -0.80 -0.02	60.45 -0.73 -0.02	60.60 -0.86 -0.36	59.64 -1.22 -0.02	59.53 -1.27 -0.10	60.55 -1.16 -0.91	61.50 -0.55 -0.41	60.81 -0.61 0.00	84.19 -0.76 0.00	97.05 -0.78 0.00	85.82 -0.78 0.00	82.49 -0.92 0.00	73.70 -0.90 0.00	67.97 -1.04 0.00	69.64 -0.92 0.00
YORK___WARBASSE 23770	69.03 3.68 -4.94	66.79 3.16 -5.11	66.21 3.14 -3.86	65.98 3.09 -3.48	67.20 2.89 -4.09	67.19 3.24 -5.06	75.04 4.20 -8.09	92.06 4.21 -26.81	80.12 5.51 -8.96	75.08 5.14 -8.71	75.38 5.14 -9.08	74.65 5.07 -8.49	70.32 5.11 -4.38	70.05 4.98 -4.36	74.73 4.92 -9.00	75.58 5.55 -8.39	136.42 5.28 -69.72	205.85 7.39 -113.50	255.98 8.61 -149.54	167.02 7.27 -73.15	128.60 6.67 -38.52	86.62 5.52 -6.50	81.14 5.04 -7.09	82.14 4.59 -6.99