

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/26/2024

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	109.55	49.80	44.34	73.26	59.65	68.32	91.47	78.65	80.47	117.03	122.48	113.65	89.86	96.47	95.07	118.17	139.88	144.04	131.81	97.85	84.71	64.15	70.38	88.91
24138	5.43	2.83	2.58	4.00	3.31	3.88	5.45	4.29	4.34	7.12	8.60	7.58	6.51	6.39	5.02	5.42	6.15	8.96	9.27	3.32	4.41	4.16	4.56	5.09
	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	-14.41	-16.54	-9.38	-1.89	-7.49	-1.72	-7.59	-25.55	-41.76	-53.15	-23.61	-5.04	-53.12	-25.62	-6.43	-0.26	-7.44
74TH STREET_GT_1	109.68	49.85	44.39	73.33	59.71	68.38	91.55	78.67	80.51	117.07	122.53	113.73	89.98	96.55	94.99	117.95	139.74	144.09	131.94	97.74	84.58	64.15	70.44	88.94
24260	5.57	2.89	2.63	4.07	3.36	3.94	5.52	4.32	4.38	7.17	8.66	7.66	6.63	6.46	5.05	5.44	6.26	9.08	9.41	3.34	4.38	4.18	4.62	5.13
	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	-14.41	-16.54	-9.38	-1.89	-7.49	-1.72	-7.59	-25.44	-41.52	-52.89	-23.53	-5.03	-52.99	-25.53	-6.41	-0.26	-7.44
74TH STREET_GT_2	109.68	49.85	44.39	73.33	59.71	68.38	91.55	78.67	80.51	117.07	122.53	113.73	89.98	96.55	94.99	117.95	139.74	144.09	131.94	97.74	84.58	64.15	70.44	88.94
24261	5.57	2.89	2.63	4.07	3.36	3.94	5.52	4.32	4.38	7.17	8.66	7.66	6.63	6.46	5.05	5.44	6.26	9.08	9.41	3.34	4.38	4.18	4.62	5.13
	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	-14.41	-16.54	-9.38	-1.89	-7.49	-1.72	-7.59	-25.44	-41.52	-52.89	-23.53	-5.03	-52.99	-25.53	-6.41	-0.26	-7.44
ADK HUDSON___FALLS	111.24	50.35	44.69	74.05	60.27	69.23	95.69	206.10	226.71	200.68	139.77	141.58	95.66	124.71	98.56	84.52	141.12	166.49	143.01	174.24	99.92	70.22	73.73	154.95
24011	7.12	3.38	2.93	4.80	3.91	4.79	6.68	4.95	5.05	8.27	9.30	8.21	6.98	7.26	5.69	6.58	7.76	10.79	11.05	3.91	5.11	4.84	5.64	6.45
	0.00	0.00	0.00	0.00	0.00	0.00	-3.33	-141.21	-162.06	-91.88	-18.48	-34.77	-7.05	-34.96	-28.36	-6.94	-52.77	-44.22	-14.46	-128.92	-40.13	-11.81	-2.54	-72.13
ADK RESOURCE___RCVRY	111.89	50.64	44.91	74.40	60.54	69.59	96.25	207.30	228.07	201.94	140.57	142.40	96.32	125.59	99.27	85.34	142.28	167.90	144.28	175.25	100.67	70.82	74.40	156.11
23798	7.77	3.68	3.15	5.15	4.19	5.15	7.23	5.37	5.52	9.02	10.00	8.88	7.61	7.97	6.27	7.37	8.67	11.99	12.26	4.34	5.68	5.39	6.30	7.21
	0.00	0.00	0.00	0.00	0.00	0.00	-3.35	-141.99	-162.95	-92.39	-18.59	-34.94	-7.08	-35.12	-28.49	-6.97	-53.03	-44.43	-14.53	-129.51	-40.31	-11.87	-2.55	-72.53
ADK S GLENS___FALLS	111.24	50.35	44.69	74.05	60.27	69.23	95.69	206.10	226.71	200.68	139.77	141.58	95.66	124.71	98.56	84.52	141.12	166.49	143.01	174.24	99.92	70.22	73.73	154.95
24028	7.12	3.38	2.93	4.80	3.91	4.79	6.68	4.95	5.05	8.27	9.30	8.21	6.98	7.26	5.69	6.58	7.76	10.79	11.05	3.91	5.11	4.84	5.64	6.45
	0.00	0.00	0.00	0.00	0.00	0.00	-3.33	-141.21	-162.06	-91.88	-18.48	-34.77	-7.05	-34.96	-28.36	-6.94	-52.77	-44.22	-14.46	-128.92	-40.13	-11.81	-2.54	-72.13
ADK_NYS___DAM	110.81	50.15	44.55	73.75	59.96	68.73	93.88	164.47	178.92	172.57	132.86	131.65	92.73	114.76	90.93	81.72	126.17	153.40	137.44	142.58	89.57	66.69	72.19	133.26
23527	6.70	3.19	2.79	4.49	3.61	4.29	5.83	4.26	4.26	6.80	7.75	6.87	5.72	5.93	4.75	5.41	6.17	8.67	8.89	3.23	4.23	4.10	4.84	5.67
	0.00	0.00	0.00	0.00	0.00	0.00	-2.36	-100.27	-115.07	-65.24	-13.12	-26.19	-5.39	-26.33	-21.68	-5.31	-39.42	-33.26	-11.06	-97.95	-30.67	-9.03	-1.80	-51.22
AIR_PRODUCTS___DRP	107.69	48.75	43.35	71.82	58.48	66.99	90.83	137.13	147.79	153.01	126.40	123.70	89.49	107.07	84.74	77.48	114.34	141.26	129.95	121.89	81.35	62.65	69.05	117.81
24190	3.57	1.79	1.60	2.57	2.13	2.55	3.38	2.38	2.35	3.81	4.63	4.15	3.48	3.49	2.60	2.17	2.50	3.21	3.46	1.30	1.72	1.74	2.15	3.23
	0.00	0.00	0.00	0.00	0.00	0.00	-1.76	-74.80	-85.84	-48.67	-9.79	-20.97	-4.38	-21.09	-17.64	-4.32	-31.26	-26.58	-9.00	-79.18	-24.96	-7.35	-1.34	-38.22
AKWESSNE_115KV_BK	105.42	47.08	41.82	69.41	56.43	64.39	85.53	59.61	59.12	99.71	110.74	97.49	80.68	81.61	63.93	70.26	79.52	109.72	115.75	40.80	53.97	52.94	65.19	75.91
355683	1.30	0.12	0.06	0.15	0.08	-0.05	-0.15	-0.34	-0.47	-0.81	-1.25	-1.10	-0.95	-0.88	-0.58	-0.73	-1.06	-1.75	-1.74	-0.61	-0.70	-0.63	-0.37	-0.46
	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	109.19	49.47	44.01	72.93	59.42	68.05	91.75	120.39	128.39	142.79	125.01	120.73	89.23	103.58	82.20	77.97	110.23	138.85	130.68	109.21	78.17	62.34	69.86	109.88
323833	5.08	2.51	2.25	3.68	3.07	3.61	4.71	3.23	3.13	5.03	5.54	4.89	3.94	3.74	2.96	3.37	4.17	5.55	5.68	2.06	2.65	2.64	3.28	4.28
	0.00	0.00	0.00	0.00	0.00	0.00	-1.35	-57.21	-65.66	-37.23	-7.49	-17.25	-3.66	-17.35	-14.73	-3.61	-25.48	-21.83	-7.51	-65.75	-20.85	-6.14	-1.03	-29.23
ALBANY_2_SOLAR	109.15	49.46	44.00	72.93	59.40	68.03	91.69	120.32	128.34	142.73	124.98	120.69	89.21	103.55	82.17	77.96	110.18	138.80	130.65	109.17	78.15	62.32	69.82	109.84
323834	5.03	2.50	2.24	3.68	3.05	3.59	4.66	3.19	3.11	4.99	5.51	4.86	3.92	3.71	2.93	3.35	4.12	5.50	5.65	2.03	2.63	2.62	3.23	4.25
	0.00	0.00	0.00	0.00	0.00	0.00	-1.35	-57.19	-65.63	-37.21	-7.49	-17.25	-3.66	-17.35	-14.73	-3.61	-25.48	-21.82	-7.51	-65.73	-20.84	-6.14	-1.03	-29.22
ALBANY___1	107.69	48.75	43.35	71.82	58.48	66.99	90.83	137.13	147.79	153.01	126.40	123.70	89.49	107.07	84.74	77.48	114.34	141.26	129.95	121.89	81.35	62.65	69.05	117.81
23571	3.57	1.79	1.60	2.57	2.13	2.55	3.38	2.38	2.35	3.81	4.63	4.15	3.48	3.49	2.60	2.17	2.50	3.21	3.46	1.30	1.72	1.74	2.15	3.23
	0.00	0.00	0.00	0.00	0.00	0.00	-1.76	-74.80	-85.84	-48.67	-9.79	-20.97	-4.38	-21.09	-17.64	-4.32	-31.26	-26.58	-9.00	-79.18	-24.96	-7.35	-1.34	-38.22

ALBANY___2 23572	107.69 3.57 0.00	48.75 1.79 0.00	43.35 1.60 0.00	71.82 2.57 0.00	58.48 2.13 0.00	66.99 2.55 0.00	90.83 3.38 -1.76	137.13 2.38 -74.80	147.79 2.35 -85.84	153.01 3.81 -48.67	126.40 4.63 -9.79	123.70 4.15 -20.97	89.49 3.48 -4.38	107.07 3.49 -21.09	84.74 2.60 -17.64	77.48 2.17 -4.32	114.34 2.50 -31.26	141.26 3.21 -26.58	129.95 3.46 -9.00	121.89 1.30 -79.18	81.35 1.72 -24.96	62.65 1.74 -7.35	69.05 2.15 -1.34	117.81 3.23 -38.22
ALBANY___3 23573	107.69 3.57 0.00	48.75 1.79 0.00	43.35 1.60 0.00	71.82 2.57 0.00	58.48 2.13 0.00	66.99 2.55 0.00	90.83 3.38 -1.76	137.13 2.38 -74.80	147.79 2.35 -85.84	153.01 3.81 -48.67	126.40 4.63 -9.79	123.70 4.15 -20.97	89.49 3.48 -4.38	107.07 3.49 -21.09	84.74 2.60 -17.64	77.48 2.17 -4.32	114.34 2.50 -31.26	141.26 3.21 -26.58	129.95 3.46 -9.00	121.89 1.30 -79.18	81.35 1.72 -24.96	62.65 1.74 -7.35	69.05 2.15 -1.34	117.81 3.23 -38.22
ALBANY___4 23574	107.69 3.57 0.00	48.75 1.79 0.00	43.35 1.60 0.00	71.82 2.57 0.00	58.48 2.13 0.00	66.99 2.55 0.00	90.83 3.38 -1.76	137.13 2.38 -74.80	147.79 2.35 -85.84	153.01 3.81 -48.67	126.40 4.63 -9.79	123.70 4.15 -20.97	89.49 3.48 -4.38	107.07 3.49 -21.09	84.74 2.60 -17.64	77.48 2.17 -4.32	114.34 2.50 -31.26	141.26 3.21 -26.58	129.95 3.46 -9.00	121.89 1.30 -79.18	81.35 1.72 -24.96	62.65 1.74 -7.35	69.05 2.15 -1.34	117.81 3.23 -38.22
ALBANY___LFGE 323615	108.43 4.31 0.00	49.08 2.12 0.00	43.65 1.89 0.00	72.30 3.05 0.00	58.89 2.54 0.00	67.45 3.01 0.00	91.96 4.05 -2.22	157.26 2.88 -94.43	170.84 2.87 -108.37	166.69 4.72 -61.45	129.96 5.61 -12.36	128.65 5.02 -25.04	91.00 4.20 -5.17	111.90 4.22 -25.18	88.50 3.19 -20.80	79.09 3.01 -5.09	121.67 3.48 -37.61	147.89 4.63 -31.79	132.99 4.89 -10.61	137.07 1.80 -93.86	86.46 2.36 -29.43	64.55 2.33 -8.66	70.07 2.82 -1.70	128.46 3.85 -48.24
ALCOA_PA_115KV_PL-6C 55860	105.68 1.56 0.00	47.39 0.42 0.00	42.11 0.35 0.00	69.90 0.64 0.00	56.82 0.47 0.00	64.80 0.36 0.00	86.03 0.34 0.00	59.99 0.05 0.00	59.53 -0.07 0.00	100.36 -0.17 0.00	111.42 -0.57 0.00	98.10 -0.48 0.00	81.10 -0.53 0.00	82.06 -0.43 0.00	64.29 -0.22 0.00	70.59 -0.40 0.00	79.98 -0.61 0.00	110.43 -1.05 0.00	116.51 -0.97 0.00	41.06 -0.35 0.00	54.30 -0.38 0.00	53.26 -0.30 0.00	65.57 0.02 0.00	76.39 0.03 0.00
ALCOA_RYNLDS___DRP 24188	105.68 1.56 0.00	47.39 0.42 0.00	42.11 0.35 0.00	69.90 0.64 0.00	56.82 0.47 0.00	64.80 0.36 0.00	86.03 0.34 0.00	59.99 0.05 0.00	59.53 -0.07 0.00	100.36 -0.17 0.00	111.42 -0.57 0.00	98.10 -0.48 0.00	81.10 -0.53 0.00	82.06 -0.43 0.00	64.29 -0.22 0.00	70.59 -0.40 0.00	79.98 -0.61 0.00	110.43 -1.05 0.00	116.51 -0.97 0.00	41.06 -0.35 0.00	54.30 -0.38 0.00	53.26 -0.30 0.00	65.57 0.02 0.00	76.39 0.03 0.00
ALCOA___DSASP 323711	105.67 1.56 0.00	47.39 0.42 0.00	42.10 0.35 0.00	69.90 0.64 0.00	56.82 0.47 0.00	64.81 0.36 0.00	86.03 0.34 0.00	59.99 0.05 0.00	59.52 -0.07 0.00	100.36 -0.17 0.00	111.42 -0.56 0.00	98.10 -0.49 0.00	81.13 -0.50 0.00	82.06 -0.43 0.00	64.29 -0.22 0.00	70.59 -0.41 0.00	79.96 -0.62 0.00	110.43 -1.05 0.00	116.50 -0.99 0.00	41.05 -0.35 0.00	54.30 -0.38 0.00	53.26 -0.30 0.00	65.57 0.02 0.00	76.40 0.03 0.00
ALLEGHENY___COGEN 23514	98.85 -5.26 0.00	45.02 -1.94 0.00	40.02 -1.73 0.00	66.69 -2.56 0.00	52.57 -3.78 0.00	58.94 -5.50 0.00	77.32 -8.37 0.00	54.55 -5.39 0.00	54.29 -5.30 0.00	89.88 -10.65 0.00	100.64 -11.35 0.00	89.38 -10.44 -1.24	72.43 -9.52 -0.32	73.21 -10.54 -1.26	58.31 -7.46 -1.26	64.40 -6.90 -0.31	74.81 -7.37 -1.60	101.73 -11.27 -1.52	105.33 -12.80 -0.64	42.98 -3.57 -5.15	51.26 -5.20 -1.79	49.03 -5.06 -0.53	59.01 -6.54 0.00	67.75 -8.62 0.00
ALTAMONT_115KV_TB 2 55880	107.37 3.26 0.00	48.59 1.62 0.00	43.22 1.46 0.00	71.62 2.36 0.00	58.31 1.96 0.00	66.76 2.32 0.00	90.22 3.11 -1.42	122.51 2.22 -60.35	131.05 2.20 -69.26	143.35 3.56 -39.27	124.06 4.18 -7.90	120.36 3.78 -18.00	88.64 3.20 -3.81	103.77 3.17 -18.10	82.31 2.47 -15.34	77.33 2.58 -3.75	110.18 2.97 -26.62	138.39 4.14 -22.78	129.62 4.30 -7.82	111.48 1.57 -68.51	78.42 2.04 -21.70	61.96 2.00 -6.39	68.99 2.35 -1.08	110.13 2.93 -30.83
ALTONA_WT_PWR 323606	106.33 2.21 0.00	47.83 0.86 0.00	42.37 0.61 0.00	70.27 1.02 0.00	57.16 0.81 0.00	65.32 0.88 0.00	86.75 1.07 0.00	60.66 0.72 0.00	60.16 0.56 0.00	101.33 0.80 0.00	112.57 0.58 0.00	99.10 0.51 0.00	81.94 0.31 0.00	82.86 0.36 0.00	64.89 0.39 0.00	71.23 0.24 0.00	80.86 0.28 0.00	111.59 0.11 0.00	117.59 0.10 0.00	41.52 0.11 0.00	54.86 0.18 0.00	53.75 0.18 0.00	65.96 0.40 0.00	76.79 0.42 0.00
AMERICAN_REF_FUEL 24010	91.49 -12.62 0.00	41.63 -5.33 0.00	37.08 -4.68 0.00	62.31 -6.94 0.00	50.02 -6.33 0.00	56.82 -7.62 0.00	74.72 -10.97 0.00	52.35 -8.64 -1.05	57.98 -8.45 -6.83	121.77 -13.98 -35.22	122.36 -16.10 -26.48	90.56 -14.82 -6.80	72.30 -12.06 -2.74	75.68 -12.15 -5.34	56.00 -9.63 -1.12	62.41 -9.78 -1.20	97.65 -10.92 -27.99	140.03 -15.27 -43.83	146.41 -16.78 -45.70	41.15 -6.41 -6.15	47.92 -8.34 -1.59	46.41 -7.62 -0.47	56.35 -9.20 0.00	66.73 -9.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	98.05 -6.06 0.00	44.60 -2.36 0.00	39.71 -2.05 0.00	66.55 -2.70 0.00	53.57 -2.78 0.00	61.07 -3.37 0.00	80.51 -5.18 0.00	55.70 -4.24 0.00	55.67 -3.92 0.00	94.39 -6.14 0.00	104.45 -7.53 0.00	92.76 -7.06 -1.24	76.22 -5.71 -0.31	77.37 -6.34 -1.22	60.58 -5.19 -1.26	66.66 -4.65 -0.31	77.26 -4.91 -1.59	105.76 -7.23 -1.52	109.41 -8.72 -0.64	43.09 -3.46 -5.14	52.01 -4.44 -1.78	49.86 -4.23 -0.52	60.11 -5.44 0.00	70.23 -6.14 0.00
ARTHUR KILL_GT_1 23520	108.95 4.83 0.00	55.14 2.91 -5.26	52.48 2.76 -7.96	72.93 3.67 0.00	59.21 2.85 0.00	67.81 3.37 0.00	90.65 4.63 -0.34	78.02 3.67 -14.41	79.94 3.81 -16.54	96.80 5.95 9.67	110.47 6.96 8.47	86.18 6.21 18.61	66.60 5.56 20.59	62.41 5.31 25.39	62.29 4.11 6.32	70.53 4.36 4.83	95.62 4.98 -10.06	140.87 7.57 -21.82	130.75 8.23 -5.03	85.36 3.09 -40.86	79.94 4.08 -21.18	63.82 3.85 -6.41	70.09 4.27 -0.26	68.62 4.69 12.44
ARTHUR_KILL_2 23512	108.62 4.50 0.00	54.99 2.76 -5.26	52.35 2.63 -7.96	72.71 3.45 0.00	59.01 2.66 0.00	67.58 3.14 0.00	90.35 4.32 -0.34	77.80 3.44 -14.41	79.75 3.61 -16.54	96.50 5.64 9.67	110.15 6.64 8.47	85.91 5.94 18.61	66.39 5.35 20.59	62.22 5.11 25.39	62.11 3.93 6.32	70.32 4.15 4.83	95.34 4.70 -10.06	140.49 7.19 -21.82	130.35 7.82 -5.03	85.21 2.95 -40.86	79.75 3.90 -21.18	63.64 3.67 -6.41	69.88 4.06 -0.26	68.36 4.43 12.44
ARTHUR_KILL_3 23513	108.26 4.14 0.00	54.60 2.27 -5.36	51.91 2.05 -8.10	72.38 3.13 0.00	58.97 2.62 0.00	67.53 3.09 0.00	90.40 4.37 -0.34	77.85 3.49 -14.41	79.62 3.49 -16.54	90.26 5.54 15.81	87.50 6.84 31.33	73.73 6.09 30.95	66.38 5.34 20.59	63.67 5.11 23.94	64.12 3.97 4.36	70.52 4.28 4.76	88.12 4.92 -2.62	101.91 7.27 16.83	103.99 7.53 21.03	75.60 2.69 -31.50	83.80 3.57 -25.56	63.35 3.37 -6.41	69.43 3.62 -0.26	62.88 3.98 17.47

ARTHUR_KILL_COGEN 323718	108.95 4.83 0.00	55.14 2.91 -5.26	52.48 2.76 -7.96	72.93 3.67 0.00	59.21 2.85 0.00	67.81 3.37 0.00	90.65 4.63 -0.34	78.02 3.67 -14.41	79.94 3.81 -16.54	96.80 5.95 9.67	110.47 6.96 8.47	86.18 6.21 18.61	66.60 5.56 20.59	62.41 5.31 25.39	62.29 4.11 6.32	70.53 4.36 4.83	95.62 4.98 -10.06	140.87 7.57 -21.82	130.75 8.23 -5.03	85.36 3.09 -40.86	79.94 4.08 -21.18	63.82 3.85 -6.41	70.09 4.27 -0.26	68.62 4.69 12.44
ASHOKAN____ 23654	113.98 9.86 0.00	51.70 4.73 0.00	45.98 4.23 0.00	76.23 6.97 0.00	62.19 5.84 0.00	71.36 6.92 0.00	96.11 9.38 -1.04	110.63 6.59 -44.10	116.79 6.58 -50.61	140.57 11.34 -28.69	130.31 12.55 -5.77	122.90 10.18 -14.13	92.79 8.13 -3.04	104.47 7.76 -14.21	82.89 6.19 -12.20	81.68 7.70 -2.99	110.73 9.44 -20.71	143.16 13.84 -17.84	138.38 14.66 -6.22	100.52 4.91 -54.20	78.38 6.44 -17.26	65.03 6.38 -5.08	73.71 7.36 -0.79	106.87 7.98 -22.52
ASTORIA_EAST_ENERGY_CC1 323581	109.32 5.20 0.00	49.74 2.77 0.00	44.29 2.53 0.00	73.14 3.88 0.00	59.56 3.20 0.00	68.22 3.78 0.00	91.25 5.23 -0.34	78.47 4.11 -14.41	80.25 4.12 -16.54	116.49 6.59 -9.38	122.16 8.28 -1.89	113.08 7.01 -7.49	89.78 6.43 -1.72	96.01 5.93 -7.59	94.62 4.68 -25.44	117.39 4.88 -41.52	139.14 5.61 -52.95	143.28 8.28 -23.53	131.04 8.51 -5.03	97.50 3.11 -52.99	84.18 3.98 -25.53	63.78 3.81 -6.41	69.95 4.13 -0.26	88.38 4.57 -7.44
ASTORIA_EAST_ENERGY_CC2 323582	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.56 0.00	73.18 3.93 0.00	59.58 3.22 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.28 4.15 -16.54	116.54 6.63 -9.38	122.23 8.36 -1.89	113.11 7.04 -7.49	89.78 6.43 -1.72	96.04 5.95 -7.59	94.62 4.68 -25.44	117.41 4.90 -41.52	139.15 5.63 -52.95	143.31 8.30 -23.53	131.07 8.54 -5.03	97.49 3.10 -52.99	84.18 3.98 -25.53	63.78 3.81 -6.41	69.95 4.13 -0.26	88.38 4.57 -7.44
ASTORIA_GT2_1 24094	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT2_2 24095	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT2_3 24096	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT2_4 24097	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT3_1 24098	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT3_2 24099	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT3_3 24100	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT3_4 24101	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT4_1 24102	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT4_2 24103	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT4_3 24104	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44

ASTORIA_GT4_4 24105	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.57 0.00	73.18 3.92 0.00	59.58 3.23 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.29 4.15 -16.54	116.61 6.70 -9.38	122.29 8.42 -1.89	113.13 7.06 -7.49	89.78 6.43 -1.72	96.07 5.98 -7.59	94.63 4.69 -25.44	117.45 4.95 -41.52	139.23 5.71 -52.95	143.40 8.39 -23.53	131.11 8.59 -5.03	97.51 3.12 -52.99	84.21 4.00 -25.53	63.80 3.83 -6.41	70.00 4.18 -0.26	88.43 4.61 -7.44
ASTORIA_GT_1 23523	109.54 5.42 0.00	49.85 2.88 0.00	44.38 2.62 0.00	73.30 4.05 0.00	59.68 3.33 0.00	68.39 3.95 0.00	91.46 5.43 -0.34	78.62 4.26 -14.41	80.41 4.28 -16.54	116.76 6.86 -9.38	122.47 8.60 -1.89	113.34 7.27 -7.49	89.97 6.62 -1.72	96.22 6.14 -7.59	94.78 4.84 -25.44	117.59 5.08 -41.52	139.35 5.82 -52.95	143.58 8.57 -23.53	131.38 8.86 -5.03	97.60 3.21 -52.99	84.32 4.12 -25.53	63.91 3.93 -6.41	70.11 4.29 -0.26	88.56 4.74 -7.44
ASTORIA_GT_10 24110	109.03 4.92 0.00	49.61 2.65 0.00	44.18 2.42 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.00 3.56 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.12 3.98 -16.54	116.40 6.49 -9.38	121.91 8.04 -1.89	113.13 7.05 -7.49	89.57 6.22 -1.72	96.03 5.95 -7.59	94.54 4.60 -25.44	117.45 4.94 -41.52	139.13 5.66 -52.89	143.31 8.31 -23.53	131.13 8.60 -5.03	97.52 3.13 -52.99	84.30 4.09 -25.53	63.87 3.90 -6.41	70.16 4.34 -0.26	88.63 4.82 -7.44
ASTORIA_GT_11 24225	109.03 4.92 0.00	49.61 2.65 0.00	44.18 2.42 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.00 3.56 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.12 3.98 -16.54	116.40 6.49 -9.38	121.91 8.04 -1.89	113.13 7.05 -7.49	89.57 6.22 -1.72	96.03 5.95 -7.59	94.54 4.60 -25.44	117.45 4.94 -41.52	139.13 5.66 -52.89	143.31 8.31 -23.53	131.13 8.60 -5.03	97.52 3.13 -52.99	84.30 4.09 -25.53	63.87 3.90 -6.41	70.16 4.34 -0.26	88.63 4.82 -7.44
ASTORIA_GT_12 24226	109.03 4.92 0.00	49.61 2.65 0.00	44.18 2.42 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.00 3.56 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.12 3.98 -16.54	116.40 6.49 -9.38	121.91 8.04 -1.89	113.13 7.05 -7.49	89.57 6.22 -1.72	96.03 5.95 -7.59	94.54 4.60 -25.44	117.45 4.94 -41.52	139.13 5.66 -52.89	143.31 8.31 -23.53	131.13 8.60 -5.03	97.52 3.13 -52.99	84.30 4.09 -25.53	63.87 3.90 -6.41	70.16 4.34 -0.26	88.63 4.82 -7.44
ASTORIA_GT_13 24227	109.03 4.92 0.00	49.61 2.65 0.00	44.18 2.42 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.00 3.56 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.12 3.98 -16.54	116.40 6.49 -9.38	121.91 8.04 -1.89	113.13 7.05 -7.49	89.57 6.22 -1.72	96.03 5.95 -7.59	94.54 4.60 -25.44	117.45 4.94 -41.52	139.13 5.66 -52.89	143.31 8.31 -23.53	131.13 8.60 -5.03	97.52 3.13 -52.99	84.30 4.09 -25.53	63.87 3.90 -6.41	70.16 4.34 -0.26	88.63 4.82 -7.44
ASTORIA_GT_5 24106	109.54 5.42 0.00	49.85 2.88 0.00	44.38 2.62 0.00	73.30 4.05 0.00	59.69 3.34 0.00	68.39 3.95 0.00	91.45 5.43 -0.34	78.62 4.26 -14.41	80.42 4.29 -16.54	116.86 6.96 -9.38	122.54 8.66 -1.89	113.36 7.29 -7.49	89.97 6.62 -1.72	96.25 6.17 -7.59	94.77 4.82 -25.44	117.60 5.09 -41.52	139.40 5.87 -52.95	143.62 8.62 -23.53	131.38 8.86 -5.03	97.60 3.21 -52.99	84.32 4.11 -25.53	63.92 3.94 -6.41	70.12 4.31 -0.26	88.57 4.75 -7.44
ASTORIA_GT_7 24107	109.54 5.42 0.00	49.85 2.88 0.00	44.38 2.62 0.00	73.30 4.05 0.00	59.69 3.34 0.00	68.39 3.95 0.00	91.45 5.43 -0.34	78.62 4.26 -14.41	80.42 4.29 -16.54	116.86 6.96 -9.38	122.54 8.66 -1.89	113.36 7.29 -7.49	89.97 6.62 -1.72	96.25 6.17 -7.59	94.77 4.82 -25.44	117.60 5.09 -41.52	139.40 5.87 -52.95	143.62 8.62 -23.53	131.38 8.86 -5.03	97.60 3.21 -52.99	84.32 4.11 -25.53	63.92 3.94 -6.41	70.12 4.31 -0.26	88.57 4.75 -7.44
ASTORIA_GT_8 24108	109.54 5.42 0.00	49.85 2.88 0.00	44.38 2.62 0.00	73.30 4.05 0.00	59.69 3.34 0.00	68.39 3.95 0.00	91.45 5.43 -0.34	78.62 4.26 -14.41	80.42 4.29 -16.54	116.86 6.96 -9.38	122.54 8.66 -1.89	113.36 7.29 -7.49	89.97 6.62 -1.72	96.25 6.17 -7.59	94.77 4.82 -25.44	117.60 5.09 -41.52	139.40 5.87 -52.95	143.62 8.62 -23.53	131.38 8.86 -5.03	97.60 3.21 -52.99	84.32 4.11 -25.53	63.92 3.94 -6.41	70.12 4.31 -0.26	88.57 4.75 -7.44
ASTORIA___2 24149	109.37 5.25 0.00	49.76 2.79 0.00	44.32 2.56 0.00	73.18 3.93 0.00	59.58 3.22 0.00	68.28 3.83 0.00	91.30 5.27 -0.34	78.50 4.14 -14.41	80.28 4.15 -16.54	116.54 6.63 -9.38	122.23 8.36 -1.89	113.11 7.04 -7.49	89.78 6.43 -1.72	96.04 5.95 -7.59	94.64 4.70 -25.44	117.42 4.91 -41.52	139.18 5.65 -52.95	143.34 8.34 -23.53	131.11 8.58 -5.03	97.52 3.12 -52.99	84.21 4.00 -25.53	63.80 3.82 -6.41	69.99 4.17 -0.26	88.42 4.61 -7.44
ASTORIA___3 23516	109.04 4.92 0.00	49.61 2.64 0.00	44.17 2.41 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.01 3.57 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.11 3.97 -16.54	116.32 6.42 -9.38	121.90 8.02 -1.89	113.11 7.04 -7.49	89.56 6.21 -1.72	96.01 5.93 -7.59	94.55 4.60 -25.44	117.43 4.92 -41.52	139.09 5.62 -52.89	143.28 8.28 -23.53	131.14 8.62 -5.03	97.51 3.12 -52.99	84.30 4.10 -25.53	63.86 3.89 -6.41	70.15 4.33 -0.26	88.62 4.81 -7.44
ASTORIA___4 23517	109.03 4.92 0.00	49.61 2.65 0.00	44.17 2.41 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.00 3.56 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.12 3.98 -16.54	116.40 6.49 -9.38	121.91 8.04 -1.89	113.13 7.05 -7.49	89.57 6.22 -1.72	96.03 5.95 -7.59	94.54 4.60 -25.44	117.45 4.94 -41.52	139.13 5.66 -52.89	143.31 8.31 -23.53	131.13 8.60 -5.03	97.52 3.13 -52.99	84.30 4.09 -25.53	63.87 3.90 -6.41	70.16 4.34 -0.26	88.63 4.82 -7.44
ASTORIA___5 23518	109.04 4.92 0.00	49.61 2.64 0.00	44.18 2.42 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.01 3.57 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.11 3.97 -16.54	116.32 6.42 -9.38	121.90 8.02 -1.89	113.11 7.04 -7.49	89.56 6.21 -1.72	96.01 5.93 -7.59	94.55 4.60 -25.44	117.43 4.92 -41.52	139.09 5.62 -52.89	143.28 8.28 -23.53	131.14 8.62 -5.03	97.51 3.12 -52.99	84.30 4.10 -25.53	63.86 3.89 -6.41	70.15 4.33 -0.26	88.62 4.81 -7.44
AST_ENERGY_2_CC3 323677	108.80 4.69 0.00	49.49 2.52 0.00	44.05 2.30 0.00	72.78 3.53 0.00	59.26 2.91 0.00	67.86 3.42 0.00	90.81 4.79 -0.34	78.20 3.84 -14.41	80.02 3.88 -16.54	116.12 6.22 -9.38	121.54 7.66 -1.89	112.89 6.82 -7.49	89.29 5.94 -1.72	95.85 5.76 -7.59	94.45 4.47 -25.47	117.38 4.79 -41.59	139.05 5.49 -52.98	143.00 7.97 -23.55	130.75 8.22 -5.04	97.33 2.89 -53.03	84.02 3.79 -25.56	63.55 3.57 -6.41	69.71 3.90 -0.26	88.17 4.35 -7.44
AST_ENERGY_2_CC4 323678	108.80 4.69 0.00	49.49 2.52 0.00	44.05 2.30 0.00	72.78 3.53 0.00	59.26 2.91 0.00	67.86 3.42 0.00	90.81 4.79 -0.34	78.20 3.84 -14.41	80.02 3.88 -16.54	116.12 6.22 -9.38	121.54 7.66 -1.89	112.89 6.82 -7.49	89.29 5.94 -1.72	95.85 5.76 -7.59	94.45 4.47 -25.47	117.38 4.79 -41.59	139.05 5.49 -52.98	143.00 7.97 -23.55	130.75 8.22 -5.04	97.33 2.89 -53.03	84.02 3.79 -25.56	63.55 3.57 -6.41	69.71 3.90 -0.26	88.17 4.35 -7.44

ATHENS_STG_1 23668	107.44 3.32 0.00	48.68 1.71 0.00	43.30 1.55 0.00	71.71 2.46 0.00	58.44 2.09 0.00	66.88 2.44 0.00	89.20 3.27 -0.25	72.74 2.38 -10.42	73.91 2.36 -11.96	111.13 3.82 -6.78	117.93 4.58 -1.37	110.00 4.19 -7.22	86.91 3.58 -1.70	93.30 3.52 -7.28	78.65 2.78 -11.37	85.39 3.01 -11.38	104.26 3.42 -20.26	128.80 4.86 -12.46	126.39 5.03 -3.87	78.24 1.84 -35.00	70.63 2.42 -13.54	59.61 2.33 -3.72	68.42 2.67 -0.19	84.84 3.12 -5.35
ATHENS_STG_2 23670	107.44 3.32 0.00	48.68 1.71 0.00	43.30 1.55 0.00	71.71 2.46 0.00	58.44 2.09 0.00	66.88 2.44 0.00	89.20 3.27 -0.25	72.74 2.38 -10.42	73.91 2.36 -11.96	111.13 3.82 -6.78	117.93 4.58 -1.37	110.00 4.19 -7.22	86.91 3.58 -1.70	93.30 3.52 -7.28	78.65 2.78 -11.37	85.39 3.01 -11.38	104.26 3.42 -20.26	128.80 4.86 -12.46	126.39 5.03 -3.87	78.24 1.84 -35.00	70.63 2.42 -13.54	59.61 2.33 -3.72	68.42 2.67 -0.19	84.84 3.12 -5.35
ATHENS_STG_3 23677	107.44 3.32 0.00	48.68 1.71 0.00	43.30 1.55 0.00	71.71 2.46 0.00	58.44 2.09 0.00	66.88 2.44 0.00	89.20 3.27 -0.25	72.74 2.38 -10.42	73.91 2.36 -11.96	111.13 3.82 -6.78	117.93 4.58 -1.37	110.00 4.19 -7.22	86.91 3.58 -1.70	93.30 3.52 -7.28	78.65 2.78 -11.37	85.39 3.01 -11.38	104.26 3.42 -20.26	128.80 4.86 -12.46	126.39 5.03 -3.87	78.24 1.84 -35.00	70.63 2.42 -13.54	59.61 2.33 -3.72	68.42 2.67 -0.19	84.84 3.12 -5.35
AUBURN___LFGE 323710	102.27 -1.84 0.00	46.26 -0.70 0.00	41.14 -0.62 0.00	68.34 -0.92 0.00	55.57 -0.78 0.00	63.61 -0.83 0.00	84.62 -1.07 0.00	59.23 -0.71 0.00	58.98 -0.62 0.00	99.77 -0.76 0.00	110.91 -1.07 0.00	98.44 -1.03 -0.89	81.04 -0.82 -0.22	82.48 -0.90 -0.89	64.62 -0.78 -0.90	70.53 -0.68 -0.22	81.23 -0.49 -1.14	112.13 -0.43 -1.09	117.23 -0.72 -0.46	44.89 -0.20 -3.68	55.64 -0.31 -1.28	53.60 -0.34 -0.37	64.94 -0.61 0.00	75.43 -0.94 0.00
BABYLON_RES_REC 323704	112.23 8.10 -0.02	50.89 3.92 -0.01	45.24 3.47 -0.01	74.77 5.51 -0.01	60.77 4.41 0.00	69.54 5.10 0.00	93.06 7.03 -0.34	79.68 5.32 -14.42	81.41 5.27 -16.54	117.90 7.99 -9.38	123.50 9.62 -1.89	115.00 8.92 -7.49	100.69 7.94 -11.12	98.02 7.64 -7.89	121.44 6.38 -50.56	171.32 7.19 -93.14	265.22 8.15 -176.49	161.78 11.43 -38.87	182.51 11.86 -53.16	233.68 4.30 -187.97	146.58 5.66 -86.25	138.34 5.48 -79.30	71.91 6.08 -0.27	140.32 7.18 -56.77
BABYLON__69_KV_BK2 356345	113.65 9.51 -0.02	51.53 4.56 -0.01	45.78 4.02 -0.01	75.69 6.43 -0.01	61.52 5.17 0.00	70.42 5.98 0.00	94.19 8.17 -0.34	80.47 6.11 -14.42	82.22 6.08 -16.54	119.31 9.40 -9.38	125.01 11.14 -1.89	116.28 10.20 -7.49	101.90 8.99 -11.28	99.12 8.75 -7.88	122.83 7.25 -51.08	173.37 8.17 -94.20	268.75 9.18 -178.98	162.98 12.91 -38.59	183.42 13.46 -52.47	236.77 4.93 -190.44	148.64 6.48 -87.49	140.57 6.26 -80.75	72.83 7.00 -0.27	142.24 8.22 -57.64
BALL_HILL_WT_PWR 323825	96.39 -7.73 0.00	43.84 -3.12 0.00	39.03 -2.73 0.00	65.43 -3.82 0.00	52.65 -3.70 0.00	59.92 -4.52 0.00	78.93 -6.75 0.00	54.56 -5.38 0.00	54.49 -5.11 0.00	92.32 -8.21 0.00	102.22 -9.76 0.00	90.77 -9.01 -1.19	74.71 -7.21 -0.29	76.15 -7.50 -1.16	59.62 -6.09 -1.21	65.36 -5.93 -0.30	75.62 -6.49 -1.53	103.71 -9.23 -1.46	107.46 -10.65 -0.62	42.17 -4.17 -4.93	50.95 -5.44 -1.71	49.01 -5.06 -0.50	59.34 -6.22 0.00	69.71 -6.66 0.00
BARON_WINDS___WT_PWR 323822	99.19 -4.93 0.00	45.04 -1.92 0.00	40.02 -1.74 0.00	66.75 -2.51 0.00	54.04 -2.31 0.00	61.66 -2.78 0.00	81.67 -4.10 -0.09	60.71 -3.05 -3.81	61.01 -2.96 -4.38	98.62 -4.39 -2.48	106.75 -5.73 -0.50	95.07 -5.32 -1.81	77.38 -4.66 -0.42	79.50 -4.83 -1.84	62.22 -3.93 -1.65	67.70 -3.70 -0.40	79.22 -3.90 -2.54	108.15 -5.59 -2.26	111.97 -6.36 -0.84	46.06 -2.48 -7.14	53.78 -3.22 -2.33	51.29 -2.96 -0.69	61.95 -3.67 -0.07	74.24 -4.07 -1.94
BARRETT_IC_1 23704	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_10 23701	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	145.58 6.51 -58.48	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_11 23702	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	145.58 6.51 -58.48	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_12 23703	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	145.58 6.51 -58.48	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_2 23705	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_3 23706	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_4 23707	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26

BARRETT_IC_5 23708	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_6 23709	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_7 23710	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.75 4.50 0.00	59.90 3.55 0.00	68.59 4.15 0.00	91.69 5.67 -0.34	78.67 4.31 -14.42	80.44 4.30 -16.54	116.37 6.47 -9.38	121.57 7.70 -1.89	113.51 7.43 -7.49	91.47 6.78 -3.06	96.84 6.50 -7.84	96.93 5.48 -26.94	121.63 6.03 -44.60	148.93 6.51 -61.83	157.47 9.19 -36.80	169.94 9.52 -42.93	112.93 3.54 -67.99	88.80 4.68 -29.44	70.18 4.52 -12.10	70.78 4.96 -0.26	95.69 6.06 -13.26
BARRETT_IC_8 23711	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT_IC_9 23700	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	145.58 6.51 -58.48	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT___1 23545	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	148.93 6.51 -61.83	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BARRETT___2 23546	110.70 6.59 0.00	50.21 3.24 0.00	44.62 2.86 0.00	73.76 4.50 0.00	59.91 3.56 0.00	68.59 4.15 0.00	91.69 5.66 -0.34	78.67 4.31 -14.42	80.43 4.30 -16.54	116.35 6.44 -9.38	121.56 7.69 -1.89	113.51 7.43 -7.49	91.46 6.77 -3.06	96.81 6.48 -7.84	96.93 5.48 -26.94	121.61 6.01 -44.60	145.58 6.51 -58.48	157.48 9.20 -36.80	169.93 9.50 -42.93	112.92 3.53 -67.99	88.79 4.68 -29.44	70.18 4.51 -12.10	70.77 4.95 -0.26	95.67 6.04 -13.26
BATAVIA__115KV_TB1 55881	96.24 -7.87 0.00	43.70 -3.27 0.00	38.89 -2.87 0.00	65.21 -4.05 0.00	52.51 -3.84 0.00	59.86 -4.58 0.00	79.02 -6.67 0.00	59.60 -5.11 -4.77	85.81 -4.77 -30.98	252.38 -7.82 -159.67	223.03 -9.01 -120.06	116.98 -8.45 -26.85	86.24 -6.86 -11.48	95.68 -7.14 -20.33	59.90 -5.62 -1.01	69.96 -5.46 -4.42	196.51 -5.83 -121.76	297.46 -7.84 -193.82	313.79 -8.86 -205.16	49.08 -3.57 -11.25	51.48 -4.62 -1.43	49.75 -4.24 -0.42	60.31 -5.24 0.00	71.03 -5.34 0.00
BAYONEEC___CTG1 323682	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG10 323750	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG2 323683	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG3 323684	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG4 323685	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG5 323686	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG6 323687	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44

BAYONEEC___CTG7 323688	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG8 323689	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BAYONEEC___CTG9 323749	108.78 4.66 0.00	49.47 2.51 0.00	44.05 2.29 0.00	72.77 3.52 0.00	59.25 2.90 0.00	67.85 3.41 0.00	90.81 4.79 -0.34	78.15 3.79 -14.41	79.95 3.82 -16.54	106.78 6.13 -0.12	99.45 7.51 20.05	99.06 6.65 6.17	88.12 5.81 -0.68	87.27 5.61 0.84	90.36 4.37 -21.49	117.29 4.71 -41.59	131.43 5.39 -45.46	140.57 7.91 -21.19	130.71 8.18 -5.03	94.83 2.93 -50.50	84.09 3.85 -25.56	63.63 3.65 -6.41	69.81 3.99 -0.26	88.24 4.43 -7.44
BEACON___LESR 323632	109.52 5.40 0.00	49.49 2.53 0.00	44.07 2.31 0.00	73.08 3.82 0.00	59.43 3.08 0.00	68.15 3.71 0.00	92.55 5.06 -1.80	139.91 3.61 -76.35	150.84 3.62 -87.62	156.10 5.90 -49.68	129.03 7.05 -9.99	125.93 6.07 -21.28	90.88 4.81 -4.44	108.77 4.88 -21.40	86.13 3.74 -17.88	79.02 3.64 -4.38	116.87 4.53 -31.75	144.62 6.17 -26.98	133.05 6.44 -9.12	124.09 2.38 -80.31	83.06 3.08 -25.30	63.99 2.98 -7.45	70.47 3.54 -1.37	120.04 4.66 -39.01
BEAVER RIVER___HYD 24048	106.00 1.89 0.00	47.77 0.81 0.00	42.42 0.66 0.00	70.30 1.05 0.00	57.26 0.90 0.00	65.46 1.02 0.00	87.19 1.51 0.00	61.19 1.25 0.00	60.97 1.38 0.00	103.04 2.51 0.00	114.45 2.46 0.00	100.48 1.90 0.00	83.02 1.39 0.00	83.91 1.42 0.00	65.55 1.04 0.00	72.30 1.31 0.00	82.46 1.88 0.00	114.28 2.80 0.00	120.27 2.78 0.00	42.31 0.87 -0.04	55.59 0.92 0.00	54.46 0.89 0.00	66.57 1.01 0.00	77.42 1.05 0.00
BEEBEE_GT_13 23619	97.43 -6.69 0.00	44.18 -2.79 0.00	39.31 -2.45 0.00	65.64 -3.61 0.00	53.04 -3.31 0.00	60.53 -3.92 0.00	80.17 -5.52 0.00	56.33 -4.20 -0.58	59.39 -4.00 -3.80	113.49 -6.62 -19.58	119.28 -7.43 -14.73	94.91 -6.85 -3.17	77.57 -5.43 -1.37	79.30 -5.55 -2.36	60.10 -4.40 0.00	67.04 -4.47 -0.51	90.52 -4.84 -14.77	128.46 -6.63 -23.62	135.20 -7.38 -25.10	39.49 -2.93 -1.01	50.77 -3.90 0.00	49.92 -3.64 0.00	61.11 -4.44 0.00	71.66 -4.71 0.00
BENSHRST_27_KV_BENSHRST_1 355998	110.05 5.94 0.00	55.42 3.20 -5.26	52.65 2.94 -7.96	73.55 4.30 0.00	59.85 3.50 0.00	68.52 4.07 0.00	91.67 5.64 -0.34	78.78 4.42 -14.41	80.66 4.52 -16.54	117.28 7.38 -9.38	122.42 8.55 -1.89	113.67 7.60 -7.49	90.21 6.86 -1.72	119.30 6.66 -30.15	125.11 5.08 -55.52	117.89 5.38 -41.52	139.51 6.04 -52.89	143.87 8.87 -23.53	132.01 9.48 -5.03	223.93 3.57 -178.96	130.04 4.71 -70.65	64.43 4.46 -6.41	70.82 5.00 -0.26	89.34 5.53 -7.44
BETHLEHEM___GRP 23843	107.69 3.57 0.00	48.75 1.79 0.00	43.35 1.60 0.00	71.82 2.57 0.00	58.48 2.13 0.00	66.99 2.55 0.00	90.83 3.38 -1.76	137.13 2.38 -74.80	147.79 2.35 -85.84	153.01 3.81 -48.67	126.40 4.63 -9.79	123.70 4.15 -20.97	89.49 3.48 -4.38	107.07 3.49 -21.09	84.74 2.60 -17.64	77.48 2.17 -4.32	114.34 2.50 -31.26	141.26 3.21 -26.58	129.95 3.46 -9.00	121.89 1.30 -79.18	81.35 1.72 -24.96	62.65 1.74 -7.35	69.05 2.15 -1.34	117.81 3.23 -38.22
BETHLEHEM___GS1 323560	107.69 3.57 0.00	48.75 1.79 0.00	43.35 1.60 0.00	71.82 2.57 0.00	58.48 2.13 0.00	66.98 2.54 0.00	90.83 3.38 -1.76	137.13 2.39 -74.80	147.78 2.34 -85.84	153.01 3.81 -48.67	126.42 4.64 -9.79	123.70 4.15 -20.97	89.48 3.47 -4.38	107.07 3.49 -21.09	84.74 2.60 -17.64	77.47 2.15 -4.32	114.35 2.50 -31.26	141.24 3.19 -26.58	129.91 3.42 -9.00	121.90 1.31 -79.18	81.35 1.72 -24.96	62.65 1.74 -7.35	69.05 2.15 -1.34	117.81 3.22 -38.22
BETHLEHEM___GS2 323561	107.69 3.57 0.00	48.75 1.79 0.00	43.35 1.60 0.00	71.82 2.57 0.00	58.48 2.13 0.00	66.98 2.54 0.00	90.83 3.38 -1.76	137.13 2.39 -74.80	147.78 2.34 -85.84	153.01 3.81 -48.67	126.42 4.64 -9.79	123.70 4.15 -20.97	89.48 3.47 -4.38	107.07 3.49 -21.09	84.74 2.60 -17.64	77.47 2.15 -4.32	114.35 2.50 -31.26	141.24 3.19 -26.58	129.91 3.42 -9.00	121.90 1.31 -79.18	81.35 1.72 -24.96	62.65 1.74 -7.35	69.05 2.15 -1.34	117.81 3.22 -38.22
BETHLEHEM___GS3 323562	107.69 3.57 0.00	48.75 1.79 0.00	43.35 1.60 0.00	71.82 2.57 0.00	58.48 2.13 0.00	66.98 2.54 0.00	90.83 3.38 -1.76	137.13 2.39 -74.80	147.78 2.34 -85.84	153.01 3.81 -48.67	126.42 4.64 -9.79	123.70 4.15 -20.97	89.48 3.47 -4.38	107.07 3.49 -21.09	84.74 2.60 -17.64	77.47 2.15 -4.32	114.35 2.50 -31.26	141.24 3.19 -26.58	129.91 3.42 -9.00	121.90 1.31 -79.18	81.35 1.72 -24.96	62.65 1.74 -7.35	69.05 2.15 -1.34	117.81 3.22 -38.22
BETHLEHEM___STEEL 23779	95.88 -8.24 0.00	43.60 -3.36 0.00	38.79 -2.97 0.00	65.08 -4.17 0.00	52.36 -3.99 0.00	59.54 -4.90 0.00	78.43 -7.25 0.00	54.16 -5.79 0.00	53.99 -5.60 0.00	91.30 -9.22 0.00	101.33 -10.65 0.00	90.04 -9.74 -1.19	74.28 -7.64 -0.29	75.70 -7.95 -1.17	59.33 -6.38 -1.21	64.85 -6.44 -0.30	74.94 -7.17 -1.53	102.93 -10.00 -1.46	106.76 -11.35 -0.62	41.88 -4.46 -4.93	50.61 -5.77 -1.71	48.75 -5.32 -0.50	59.13 -6.42 0.00	69.72 -6.65 0.00
BETHLHEM_115KV_TB1 79974	107.58 3.47 0.00	48.71 1.75 0.00	43.32 1.56 0.00	71.75 2.50 0.00	58.45 2.10 0.00	66.93 2.49 0.00	90.66 3.30 -1.68	133.58 2.34 -71.30	143.73 2.31 -81.83	150.67 3.75 -46.39	125.84 4.52 -9.33	122.89 4.06 -20.24	89.30 3.43 -4.24	106.27 3.41 -20.36	84.15 2.57 -17.08	77.41 2.24 -4.18	113.32 2.61 -30.13	140.53 3.40 -25.65	129.83 3.63 -8.71	119.35 1.35 -76.59	80.63 1.79 -24.16	62.47 1.79 -7.11	69.02 2.18 -1.28	115.97 3.17 -36.43
BETHPAGE_CC_5 323564	111.12 6.98 -0.02	50.46 3.49 -0.01	44.86 3.09 -0.01	74.17 4.91 -0.01	60.28 3.92 0.00	68.91 4.47 0.00	92.22 6.20 -0.34	79.09 4.73 -14.42	80.81 4.67 -16.54	117.03 7.13 -9.38	122.44 8.57 -1.89	114.10 8.02 -7.49	99.41 7.15 -10.63	97.30 6.91 -7.90	119.21 5.76 -48.94	167.23 6.42 -89.82	256.56 7.27 -168.71	161.34 10.20 -39.67	183.14 10.55 -55.09	225.50 3.83 -180.25	142.09 5.05 -82.37	133.24 4.89 -74.78	71.25 5.42 -0.27	136.75 6.37 -54.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	96.51 -7.61 0.00	43.86 -3.10 0.00	39.03 -2.73 0.00	65.49 -3.76 0.00	52.69 -3.66 0.00	59.92 -4.52 0.00	78.96 -6.73 0.00	54.54 -5.41 0.00	54.36 -5.24 0.00	91.97 -8.55 0.00	102.07 -9.91 0.00	90.75 -9.04 -1.20	74.85 -7.08 -0.30	76.26 -7.42 -1.18	59.80 -5.94 -1.23	65.32 -5.97 -0.30	75.45 -6.68 -1.55	103.64 -9.32 -1.48	107.44 -10.68 -0.62	42.20 -4.21 -5.01	50.96 -5.45 -1.73	49.04 -5.03 -0.51	59.48 -6.07 0.00	70.10 -6.27 0.00

BINGHAMTON___COGEN 23790	102.86 -1.26 0.00	46.53 -0.43 0.00	41.37 -0.39 0.00	68.74 -0.52 0.00	55.92 -0.43 0.00	63.96 -0.48 0.00	85.14 -0.69 -0.14	65.55 -0.50 -6.11	66.16 -0.44 -7.01	104.25 -0.25 -3.97	112.15 -0.64 -0.80	100.76 -0.63 -2.80	81.72 -0.54 -0.63	84.71 -0.60 -2.81	66.47 -0.58 -2.54	71.04 -0.58 -0.62	84.02 -0.51 -3.95	114.42 -0.56 -3.50	118.06 -0.73 -1.30	52.08 -0.38 -11.05	57.74 -0.53 -3.60	54.12 -0.51 -1.06	64.89 -0.77 -0.11	78.59 -0.89 -3.11
BIXINCNT_115KV_LOAD 355685	99.01 -5.11 0.00	44.94 -2.03 0.00	40.00 -1.76 0.00	67.03 -2.22 0.00	54.09 -2.27 0.00	61.51 -2.93 0.00	81.02 -4.66 0.00	56.07 -3.88 0.00	55.90 -3.70 0.00	94.89 -5.63 0.00	105.28 -6.70 0.00	93.80 -6.07 -1.29	77.12 -4.82 -0.32	78.58 -5.18 -1.27	61.67 -4.15 -1.31	67.16 -4.16 -0.32	77.36 -4.88 -1.66	106.27 -6.79 -1.58	110.19 -7.97 -0.67	43.53 -3.23 -5.35	52.39 -4.14 -1.86	50.22 -3.89 -0.55	60.94 -4.62 0.00	71.71 -4.66 0.00
BLACK RIVER___HYD 24047	106.47 2.35 0.00	47.96 1.00 0.00	42.58 0.83 0.00	70.65 1.40 0.00	57.53 1.18 0.00	65.86 1.42 0.00	87.83 2.14 0.00	61.74 1.80 0.00	61.59 2.00 0.00	104.25 3.72 0.00	115.80 3.82 0.00	101.63 3.04 0.00	83.95 2.32 0.00	84.78 2.29 0.00	66.17 1.67 0.00	73.09 2.10 0.00	83.43 2.84 0.00	115.60 4.13 0.00	121.49 4.00 0.00	42.73 1.26 -0.06	56.04 1.36 0.00	54.87 1.30 0.00	66.92 1.36 0.00	77.72 1.35 0.00
BLACKRVR_115KV_TB2 79977	106.47 2.35 0.00	47.96 1.00 0.00	42.58 0.83 0.00	70.65 1.40 0.00	57.53 1.18 0.00	65.87 1.43 0.00	87.83 2.14 0.00	61.74 1.80 0.00	61.58 1.98 0.00	104.21 3.69 0.00	115.80 3.81 0.00	101.63 3.05 0.00	83.95 2.32 0.00	84.77 2.27 0.00	66.17 1.66 0.00	73.09 2.10 0.00	83.41 2.83 0.00	115.59 4.12 0.00	121.50 4.01 0.00	42.73 1.26 -0.06	56.04 1.36 0.00	54.87 1.30 0.00	66.91 1.36 0.00	77.72 1.35 0.00
BLISS_WT_PWR 323608	99.13 -4.98 0.00	44.99 -1.97 0.00	40.04 -1.72 0.00	67.09 -2.16 0.00	54.14 -2.21 0.00	61.60 -2.84 0.00	81.13 -4.55 0.00	56.17 -3.77 0.00	56.05 -3.55 0.00	95.33 -5.20 0.00	105.62 -6.37 0.00	94.03 -5.84 -1.29	77.17 -4.77 -0.32	78.78 -4.99 -1.27	61.80 -4.02 -1.31	67.34 -3.98 -0.32	77.62 -4.62 -1.66	106.55 -6.50 -1.58	110.47 -7.69 -0.67	43.64 -3.11 -5.35	52.47 -4.05 -1.86	50.34 -3.77 -0.55	61.04 -4.51 0.00	71.79 -4.58 0.00
BLUESTONE___WT_PWR 323821	109.66 5.54 0.00	49.65 2.69 0.00	44.20 2.45 0.00	73.46 4.20 0.00	59.83 3.48 0.00	68.60 4.16 0.00	91.62 5.67 -0.27	75.36 4.18 -11.24	76.83 4.34 -12.90	115.78 7.94 -7.31	121.78 8.32 -1.47	109.92 7.13 -4.20	88.29 5.74 -0.93	92.27 5.56 -4.22	72.39 4.17 -3.71	76.79 4.89 -0.91	92.64 6.02 -6.04	125.56 8.81 -5.28	128.49 9.10 -1.89	60.71 3.05 -16.26	63.85 3.92 -5.25	58.73 3.62 -1.55	69.29 3.53 -0.20	85.54 3.44 -5.73
BLUE_CIRC_CHEM_DRP 24182	108.08 3.96 0.00	48.96 1.99 0.00	43.55 1.80 0.00	72.17 2.92 0.00	58.78 2.43 0.00	67.29 2.85 0.00	90.74 3.72 -1.33	119.13 2.56 -56.63	127.08 2.49 -64.99	141.39 4.02 -36.85	123.94 4.54 -7.41	119.85 4.12 -17.15	88.67 3.40 -3.64	103.02 3.28 -17.25	81.73 2.57 -14.66	77.32 2.74 -3.59	109.15 3.25 -25.32	137.49 4.32 -21.70	129.43 4.46 -7.47	108.42 1.63 -65.39	77.53 2.11 -20.74	61.79 2.12 -6.10	69.18 2.60 -1.02	108.75 3.45 -28.94
BOC_GAS_DRP 24189	106.98 2.87 0.00	48.44 1.48 0.00	43.09 1.34 0.00	71.40 2.14 0.00	58.13 1.78 0.00	66.54 2.11 0.00	89.69 2.78 -1.22	113.78 1.99 -51.85	121.06 1.96 -59.50	137.42 3.15 -33.74	122.56 3.79 -6.79	118.29 3.47 -16.23	88.02 2.92 -3.47	101.71 2.89 -16.33	80.72 2.25 -13.97	76.68 2.26 -3.42	107.06 2.61 -23.87	135.55 3.56 -20.52	128.33 3.72 -7.12	104.93 1.37 -62.15	76.22 1.78 -19.76	61.15 1.77 -5.82	68.57 2.08 -0.93	105.53 2.66 -26.50
BOONVILLE_115KV_TB1 79983	106.84 2.72 0.00	48.29 1.32 0.00	42.93 1.17 0.00	71.19 1.94 0.00	57.96 1.61 0.00	66.36 1.92 0.00	88.45 2.76 0.00	62.04 2.10 0.00	61.80 2.20 0.00	104.27 3.75 0.00	115.94 3.96 0.00	101.76 3.18 0.00	84.21 2.58 0.00	85.11 2.62 0.00	66.46 1.95 0.00	73.31 2.32 0.00	83.58 3.00 0.00	115.84 4.37 0.00	122.00 4.51 0.00	42.97 1.53 -0.04	56.54 1.87 0.00	55.37 1.81 0.00	67.59 2.04 0.00	78.64 2.27 0.00
BORALEX_4TH_BRANCH 23824	110.81 6.69 0.00	50.16 3.19 0.00	44.55 2.80 0.00	73.75 4.50 0.00	59.97 3.62 0.00	68.73 4.29 0.00	93.88 5.83 -2.36	164.47 4.27 -100.27	178.92 4.26 -115.07	172.57 6.81 -65.24	132.87 7.76 -13.12	131.65 6.87 -26.19	92.74 5.73 -5.39	114.76 5.93 -26.33	90.93 4.75 -21.68	81.72 5.41 -5.31	126.17 6.17 -39.42	153.39 8.66 -33.26	137.45 8.90 -11.06	142.58 3.22 -97.95	89.57 4.23 -30.67	66.70 4.10 -9.03	72.19 4.84 -1.80	133.26 5.67 -51.22
BOWLINE___1 23526	107.65 3.53 0.00	48.89 1.92 0.00	43.54 1.78 0.00	71.95 2.70 0.00	58.57 2.22 0.00	67.09 2.65 0.00	89.77 3.76 -0.33	76.88 2.95 -13.99	78.54 2.90 -16.05	114.67 5.04 -9.10	120.26 6.44 -1.83	111.48 5.64 -7.26	88.12 4.83 -1.67	93.98 4.38 -7.11	39.07 3.03 28.46	0.35 3.17 73.81	13.91 3.66 70.33	99.23 5.63 17.87	123.91 5.89 -0.52	28.44 2.09 15.06	36.95 2.73 20.45	52.23 2.59 3.92	68.53 2.73 -0.24	86.28 3.01 -6.89
BOWLINE___2 23595	107.66 3.55 0.00	48.89 1.93 0.00	43.53 1.77 0.00	71.95 2.70 0.00	58.58 2.23 0.00	67.11 2.67 0.00	89.79 3.78 -0.33	76.90 2.97 -13.99	78.55 2.90 -16.05	114.68 5.05 -9.10	120.26 6.45 -1.83	111.50 5.65 -7.26	88.13 4.83 -1.67	93.99 4.39 -7.11	39.08 3.05 28.48	0.35 3.20 73.84	13.88 3.67 70.37	99.23 5.64 17.88	123.92 5.90 -0.52	28.43 2.10 15.08	36.94 2.73 20.46	52.24 2.60 3.93	68.53 2.73 -0.24	86.29 3.02 -6.89
BRADY___115KV_TB2 356060	106.52 2.40 0.00	47.73 0.76 0.00	42.39 0.64 0.00	70.38 1.13 0.00	57.22 0.87 0.00	65.23 0.79 0.00	86.58 0.89 0.00	60.41 0.47 0.00	59.95 0.35 0.00	101.11 0.58 0.00	112.20 0.21 0.00	98.70 0.11 0.00	81.53 -0.10 0.00	82.52 0.02 0.00	64.70 0.19 0.00	71.11 0.11 0.00	80.62 0.04 0.00	111.42 -0.05 0.00	117.50 0.01 0.00	41.39 -0.02 0.00	54.70 0.03 0.00	53.64 0.07 0.00	66.06 0.50 0.00	76.96 0.59 0.00
BRANSCOMB___SOLAR 323811	109.99 5.87 0.00	49.77 2.81 0.00	44.22 2.47 0.00	73.27 4.02 0.00	59.64 3.29 0.00	68.42 3.98 0.00	94.34 5.49 -3.17	198.62 4.02 -134.66	218.20 4.07 -154.54	194.81 6.67 -87.62	137.22 7.61 -17.62	138.70 6.70 -33.41	94.04 5.63 -6.79	121.87 5.79 -33.58	96.33 4.52 -27.30	82.87 5.20 -6.68	137.34 6.11 -50.65	162.48 8.53 -42.48	140.19 8.77 -13.92	168.51 3.11 -123.99	97.36 4.06 -38.63	68.81 3.87 -11.37	72.47 4.50 -2.42	150.39 5.23 -68.78
BRENTWOD_69_KV_W. BRTWOOD 56703	113.43 9.29 -0.03	51.42 4.44 -0.01	45.69 3.93 -0.01	75.56 6.30 -0.01	61.40 5.05 0.00	70.29 5.85 0.00	93.86 7.84 -0.34	80.22 5.86 -14.42	82.06 5.91 -16.54	119.03 9.12 -9.38	124.74 10.86 -1.89	116.18 10.10 -7.49	102.31 8.91 -11.77	99.04 8.68 -7.87	124.32 7.15 -52.67	176.40 7.94 -97.47	275.83 8.59 -186.65	161.07 11.76 -37.84	180.56 12.41 -50.65	244.12 4.66 -198.05	152.14 6.15 -91.31	144.73 5.96 -85.20	72.47 6.64 -0.28	144.55 7.82 -60.37

BRISTLHL_115KV_TB1 79998	100.05 -4.07 0.00	45.24 -1.73 0.00	40.22 -1.54 0.00	66.77 -2.49 0.00	54.31 -2.03 0.00	62.16 -2.28 0.00	82.73 -2.95 0.00	57.92 -2.02 0.00	57.62 -1.98 0.00	97.33 -3.20 0.00	108.40 -3.58 0.00	95.37 -3.22 0.00	79.06 -2.57 0.00	79.86 -2.63 0.00	62.42 -2.08 0.00	68.78 -2.21 0.00	78.21 -2.37 0.00	108.32 -3.15 0.00	114.02 -3.47 0.00	40.20 -1.30 -0.09	52.87 -1.80 0.00	51.79 -1.77 0.00	63.22 -2.34 0.00	73.71 -2.66 0.00
BROOKHAVEN___DRP 24191	113.53 9.39 -0.03	51.47 4.50 -0.01	45.74 3.98 -0.01	75.65 6.39 -0.01	61.51 5.16 0.00	70.43 5.99 0.00	94.32 8.29 -0.34	80.56 6.20 -14.42	82.19 6.05 -16.54	119.06 9.15 -9.38	124.76 10.89 -1.89	115.99 9.91 -7.49	102.21 8.69 -11.90	98.86 8.51 -7.87	124.75 7.15 -53.09	177.61 8.28 -98.33	278.59 9.33 -188.67	162.70 13.58 -37.64	181.78 14.13 -50.16	246.51 5.05 -200.06	153.68 6.70 -92.31	146.40 6.46 -86.37	73.00 7.17 -0.28	145.87 8.41 -61.08
BROOKLYN_NAVY_YARD 23515	108.68 4.56 0.00	49.41 2.45 0.00	43.99 2.23 0.00	72.67 3.42 0.00	59.18 2.83 0.00	67.78 3.34 0.00	90.73 4.71 -0.34	78.14 3.79 -14.41	79.96 3.82 -16.54	116.07 6.16 -9.38	121.46 7.58 -1.89	112.80 6.72 -7.49	89.19 5.84 -1.72	95.75 5.66 -7.59	94.36 4.38 -25.47	117.29 4.71 -41.59	139.03 5.40 -53.05	143.00 7.97 -23.55	130.77 8.24 -5.04	97.36 2.93 -53.03	84.04 3.81 -25.56	63.58 3.60 -6.41	69.75 3.93 -0.26	88.12 4.31 -7.44
BROOKLYN___ARMY_DRP 323595	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
BROOKVLE_69_KV_TB1 55790	110.69 6.56 -0.01	50.32 3.35 0.00	44.83 3.07 0.00	74.12 4.87 0.00	60.28 3.93 0.00	68.78 4.34 0.00	92.11 6.08 -0.34	78.99 4.63 -14.42	80.77 4.63 -16.54	117.24 7.33 -9.38	122.60 8.73 -1.89	114.04 7.97 -7.49	96.73 7.02 -8.08	97.32 6.82 -8.01	110.41 5.54 -40.35	149.29 6.12 -72.17	215.05 6.97 -127.49	166.91 10.00 -45.44	197.53 10.30 -69.74	185.15 3.70 -140.04	121.31 4.87 -61.77	109.17 4.71 -50.89	71.05 5.23 -0.26	122.09 6.06 -39.67
BROOME_2_LFGE 323671	102.86 -1.26 0.00	46.53 -0.43 0.00	41.37 -0.39 0.00	68.73 -0.52 0.00	55.92 -0.43 0.00	63.96 -0.48 0.00	85.13 -0.70 -0.14	65.55 -0.50 -6.11	66.14 -0.46 -7.01	104.26 -0.25 -3.97	112.14 -0.65 -0.80	100.77 -0.62 -2.80	81.70 -0.56 -0.64	84.72 -0.59 -2.81	66.45 -0.60 -2.54	71.04 -0.58 -0.62	84.00 -0.53 -3.95	114.41 -0.57 -3.50	118.06 -0.73 -1.30	52.07 -0.39 -11.05	57.73 -0.54 -3.60	54.12 -0.51 -1.06	64.89 -0.77 -0.11	78.59 -0.89 -3.11
BROOME___LFGE 323600	102.86 -1.26 0.00	46.53 -0.43 0.00	41.37 -0.39 0.00	68.73 -0.52 0.00	55.92 -0.43 0.00	63.96 -0.48 0.00	85.13 -0.70 -0.14	65.55 -0.50 -6.11	66.14 -0.46 -7.01	104.26 -0.25 -3.97	112.14 -0.65 -0.80	100.77 -0.62 -2.80	81.70 -0.56 -0.64	84.72 -0.59 -2.81	66.45 -0.60 -2.54	71.04 -0.58 -0.62	84.00 -0.53 -3.95	114.41 -0.57 -3.50	118.06 -0.73 -1.30	52.07 -0.39 -11.05	57.73 -0.54 -3.60	54.12 -0.51 -1.06	64.89 -0.77 -0.11	78.59 -0.89 -3.11
BROWNFLS_115KV_TB_3_5 80003	104.87 0.75 0.00	47.14 0.17 0.00	41.88 0.12 0.00	69.44 0.19 0.00	56.50 0.15 0.00	64.43 -0.01 0.00	85.58 -0.10 0.00	59.90 -0.04 0.00	59.59 -0.01 0.00	100.60 0.07 0.00	111.70 -0.29 0.00	98.17 -0.42 0.00	81.11 -0.52 0.00	82.01 -0.48 0.00	64.15 -0.35 0.00	70.63 -0.36 0.00	80.36 -0.22 0.00	111.25 -0.22 0.00	117.19 -0.30 0.00	41.26 -0.17 -0.03	54.33 -0.34 0.00	53.24 -0.32 0.00	65.37 -0.19 0.00	76.24 -0.13 0.00
BROWNSV1_27_KV_LOAD 356125	110.03 5.91 0.00	50.03 3.07 0.00	44.51 2.76 0.00	73.53 4.28 0.00	59.88 3.53 0.00	68.58 4.14 0.00	91.83 5.80 -0.34	78.89 4.54 -14.41	80.71 4.58 -16.54	117.41 7.51 -9.38	122.91 9.04 -1.89	114.05 7.98 -7.49	90.25 6.90 -1.72	96.81 6.73 -7.59	95.21 5.23 -25.47	118.24 5.66 -41.59	140.08 6.52 -52.98	144.52 9.50 -23.55	132.36 9.83 -5.04	97.93 3.50 -53.03	84.83 4.60 -25.56	64.35 4.37 -6.41	70.65 4.83 -0.26	89.21 5.40 -7.44
BURROWS___LYONSDAL 23803	106.74 2.62 0.00	48.21 1.24 0.00	42.85 1.09 0.00	71.05 1.80 0.00	57.86 1.51 0.00	66.23 1.79 0.00	88.26 2.58 0.00	61.92 1.98 0.00	61.67 2.08 0.00	104.13 3.61 0.00	115.72 3.73 0.00	101.57 2.99 0.00	84.01 2.38 0.00	84.92 2.43 0.00	66.32 1.81 0.00	73.15 2.16 0.00	83.43 2.85 0.00	115.64 4.17 0.00	121.76 4.27 0.00	42.87 1.42 -0.04	56.40 1.73 0.00	55.23 1.66 0.00	67.43 1.88 0.00	78.44 2.07 0.00
CAITHNESS_CC_1 323624	113.11 8.97 -0.03	51.28 4.31 -0.01	45.58 3.81 -0.01	75.37 6.11 -0.01	61.27 4.91 0.00	70.16 5.72 0.00	93.92 7.90 -0.34	80.27 5.91 -14.42	81.92 5.78 -16.54	118.64 8.73 -9.38	124.34 10.47 -1.89	115.65 9.57 -7.49	101.97 8.43 -11.90	98.57 8.21 -7.87	124.52 6.92 -53.10	177.32 7.97 -98.35	278.29 8.98 -188.72	162.03 12.92 -37.64	181.06 13.42 -50.15	246.34 4.82 -200.11	153.41 6.40 -92.34	146.14 6.17 -86.40	72.65 6.82 -0.28	145.49 8.01 -61.10
CALPINE BETH_PAGE_GT4 24209	111.11 6.98 -0.01	50.44 3.47 0.00	44.83 3.07 0.00	74.15 4.89 0.00	60.28 3.92 0.00	68.90 4.46 0.00	92.22 6.20 -0.34	79.08 4.72 -14.42	80.80 4.66 -16.54	117.06 7.15 -9.38	122.40 8.53 -1.89	114.07 8.00 -7.49	98.84 7.15 -10.06	97.30 6.89 -7.92	117.36 5.74 -47.11	163.45 6.40 -86.05	247.71 7.24 -159.88	162.23 10.17 -40.59	185.35 10.52 -57.34	216.74 3.83 -171.51	137.66 5.02 -77.97	128.10 4.88 -69.65	71.25 5.43 -0.27	133.63 6.37 -50.89
CALPINE_BETH_PAGE_GT_4 323586	111.11 6.98 -0.01	50.44 3.47 0.00	44.83 3.07 0.00	74.15 4.89 0.00	60.28 3.92 0.00	68.90 4.46 0.00	92.22 6.20 -0.34	79.07 4.71 -14.42	80.80 4.66 -16.54	117.03 7.13 -9.38	122.37 8.50 -1.89	114.07 8.00 -7.49	98.83 7.14 -10.06	97.28 6.87 -7.92	117.35 5.73 -47.11	163.45 6.40 -86.05	247.72 7.26 -159.88	162.22 10.17 -40.59	185.33 10.50 -57.34	216.73 3.82 -171.51	137.66 5.01 -77.97	128.10 4.88 -69.65	71.24 5.42 -0.27	133.62 6.37 -50.89
CALPINE_BP_GT1 23823	111.11 6.98 -0.01	50.44 3.47 0.00	44.83 3.07 0.00	74.15 4.89 0.00	60.28 3.92 0.00	68.90 4.46 0.00	92.22 6.20 -0.34	79.07 4.71 -14.42	80.80 4.66 -16.54	117.03 7.13 -9.38	122.37 8.50 -1.89	114.07 8.00 -7.49	98.83 7.14 -10.06	97.28 6.87 -7.92	117.35 5.73 -47.11	163.45 6.40 -86.05	247.72 7.26 -159.88	162.22 10.17 -40.59	185.33 10.50 -57.34	216.73 3.82 -171.51	137.66 5.01 -77.97	128.10 4.88 -69.65	71.24 5.42 -0.27	133.62 6.37 -50.89
CALSPAN___DRP 24200	95.88 -8.24 0.00	43.60 -3.36 0.00	38.79 -2.97 0.00	65.08 -4.17 0.00	52.36 -3.99 0.00	59.54 -4.90 0.00	78.43 -7.25 0.00	54.16 -5.79 0.00	53.99 -5.60 0.00	91.30 -9.22 0.00	101.33 -10.65 0.00	90.04 -9.74 -1.19	74.28 -7.64 -0.29	75.70 -7.95 -1.17	59.33 -6.38 -1.21	64.85 -6.44 -0.30	74.94 -7.17 -1.53	102.93 -10.00 -1.46	106.76 -11.35 -0.62	41.88 -4.46 -4.93	50.61 -5.77 -1.71	48.75 -5.32 -0.50	59.13 -6.42 0.00	69.72 -6.65 0.00

CALVERTON___SOLAR 323806	114.01 9.87 -0.03	51.68 4.71 -0.01	45.93 4.17 -0.01	75.97 6.72 -0.01	61.76 5.41 0.00	70.75 6.32 0.00	94.75 8.73 -0.34	80.86 6.50 -14.42	82.47 6.33 -16.54	119.44 9.53 -9.38	125.20 11.32 -1.89	116.30 10.23 -7.49	102.51 8.98 -11.90	99.14 8.78 -7.87	125.00 7.41 -53.08	177.96 8.64 -98.32	278.96 9.73 -188.65	163.39 14.27 -37.64	182.55 14.89 -50.17	246.74 5.30 -200.04	154.03 7.06 -92.30	146.71 6.79 -86.36	73.37 7.54 -0.28	146.27 8.82 -61.08
CANDIGU_WT_PWR 323617	99.19 -4.93 0.00	45.04 -1.92 0.00	40.02 -1.74 0.00	66.75 -2.51 0.00	54.04 -2.31 0.00	61.66 -2.78 0.00	81.67 -4.10 -0.09	60.71 -3.05 -3.81	61.01 -2.96 -4.38	98.62 -4.39 -2.48	106.75 -5.73 -0.50	95.07 -5.32 -1.81	77.38 -4.66 -0.42	79.50 -4.83 -1.84	62.22 -3.93 -1.65	67.70 -3.70 -0.40	79.22 -3.90 -2.54	108.15 -5.59 -2.26	111.97 -6.36 -0.84	46.06 -2.48 -7.14	53.78 -3.22 -2.33	51.29 -2.96 -0.69	61.95 -3.67 -0.07	74.24 -4.07 -1.94
CARR STREET_E_SYR 24060	100.97 -3.15 0.00	45.66 -1.30 0.00	40.60 -1.17 0.00	67.41 -1.84 0.00	54.82 -1.53 0.00	62.74 -1.70 0.00	83.46 -2.22 0.00	58.41 -1.53 0.00	58.14 -1.45 0.00	98.25 -2.28 0.00	109.40 -2.58 0.00	96.19 -2.40 0.00	79.69 -1.94 0.00	80.53 -1.97 0.00	62.92 -1.59 0.00	69.32 -1.68 0.00	78.88 -1.71 0.00	109.26 -2.21 0.00	114.99 -2.51 0.00	40.54 -0.96 -0.10	53.33 -1.34 0.00	52.26 -1.31 0.00	63.81 -1.75 0.00	74.35 -2.01 0.00
CARTHAGE___PAPER 23857	107.08 2.96 0.00	48.25 1.28 0.00	42.84 1.08 0.00	71.03 1.78 0.00	57.85 1.50 0.00	66.18 1.74 0.00	88.19 2.51 0.00	61.96 2.02 0.00	61.75 2.16 0.00	104.46 3.93 0.00	115.98 4.00 0.00	101.82 3.24 0.00	84.10 2.47 0.00	85.00 2.51 0.00	66.38 1.87 0.00	73.30 2.30 0.00	83.64 3.06 0.00	115.89 4.42 0.00	121.88 4.39 0.00	42.87 1.41 -0.05	56.27 1.60 0.00	55.10 1.54 0.00	67.27 1.71 0.00	78.19 1.82 0.00
CASSADAGA_WT_PWR 323784	99.36 -4.76 0.00	45.15 -1.82 0.00	40.20 -1.56 0.00	67.36 -1.89 0.00	54.25 -2.10 0.00	61.87 -2.57 0.00	81.57 -4.12 0.00	56.50 -3.44 0.00	56.45 -3.14 0.00	95.82 -4.70 0.00	106.09 -5.90 0.00	94.28 -5.55 -1.25	77.41 -4.53 -0.31	78.29 -5.43 -1.23	61.27 -4.50 -1.27	67.60 -3.71 -0.31	78.25 -3.94 -1.61	107.23 -5.78 -1.53	111.03 -7.11 -0.65	43.69 -2.91 -5.19	52.73 -3.74 -1.80	50.51 -3.58 -0.53	60.93 -4.62 0.00	71.27 -5.10 0.00
CE_DUNWOOD___DRP 24194	108.90 4.79 0.00	49.47 2.50 0.00	44.04 2.28 0.00	72.80 3.55 0.00	59.25 2.90 0.00	67.86 3.42 0.00	90.81 4.79 -0.34	78.02 3.69 -14.38	79.79 3.68 -16.51	115.99 6.10 -9.36	121.27 7.40 -1.88	112.61 6.55 -7.47	88.98 5.64 -1.72	95.60 5.52 -7.58	96.33 4.36 -27.46	121.64 4.74 -45.91	143.60 5.47 -57.55	144.58 8.03 -25.07	131.06 8.37 -5.19	99.86 3.00 -55.46	85.82 3.91 -27.24	64.07 3.71 -6.79	69.93 4.11 -0.26	88.42 4.62 -7.44
CE_MILLWOOD___DRP 24193	108.66 4.54 0.00	49.36 2.39 0.00	43.93 2.17 0.00	72.63 3.37 0.00	59.13 2.77 0.00	67.70 3.26 0.00	90.61 4.59 -0.34	77.82 3.55 -14.33	79.56 3.52 -16.44	115.70 5.84 -9.32	120.99 7.13 -1.88	112.33 6.30 -7.44	88.75 5.42 -1.71	95.34 5.30 -7.54	182.43 4.20 -113.72	307.72 4.55 -232.17	341.31 5.28 -255.45	210.03 7.76 -90.79	137.60 8.07 -12.03	205.87 2.88 -161.58	158.77 3.78 -100.32	80.28 3.60 -23.12	69.79 3.97 -0.26	88.21 4.44 -7.40
CE_NYC2_DRP 24202	109.13 5.01 0.00	49.66 2.69 0.00	44.21 2.45 0.00	72.97 3.72 0.00	59.43 3.08 0.00	68.06 3.62 0.00	91.04 5.02 -0.34	78.34 3.98 -14.41	80.18 4.04 -16.54	116.49 6.59 -9.38	121.95 8.08 -1.89	113.14 7.06 -7.49	89.61 6.27 -1.72	96.09 6.00 -7.59	94.59 4.65 -25.44	117.49 4.98 -41.52	139.16 5.69 -52.89	143.34 8.34 -23.53	131.24 8.71 -5.03	97.54 3.14 -52.99	84.34 4.14 -25.53	63.91 3.94 -6.41	70.18 4.36 -0.26	88.65 4.84 -7.44
CE_NYC_DRP 24195	108.99 4.88 0.00	49.57 2.60 0.00	44.13 2.37 0.00	72.91 3.66 0.00	59.36 3.01 0.00	67.98 3.54 0.00	91.00 4.98 -0.34	78.30 3.94 -14.41	80.12 3.98 -16.54	116.37 6.47 -9.38	121.75 7.89 -1.89	113.05 6.98 -7.49	89.42 6.07 -1.72	95.97 5.89 -7.59	94.56 4.57 -25.48	117.52 4.92 -41.61	139.23 5.65 -53.00	143.31 8.27 -23.56	131.05 8.52 -5.04	97.48 3.04 -53.04	84.23 3.99 -25.57	63.77 3.79 -6.42	69.97 4.16 -0.26	88.41 4.60 -7.44
CHAFFEE___LFGE 323603	96.71 -7.41 0.00	43.95 -3.02 0.00	39.11 -2.65 0.00	65.57 -3.68 0.00	52.76 -3.59 0.00	60.05 -4.39 0.00	79.17 -6.52 0.00	54.76 -5.18 0.00	54.67 -4.93 0.00	92.52 -8.01 0.00	102.51 -9.47 0.00	91.12 -8.70 -1.24	74.98 -6.95 -0.31	76.60 -7.11 -1.22	59.98 -5.78 -1.26	65.56 -5.75 -0.31	75.83 -6.34 -1.59	104.07 -8.92 -1.52	107.90 -10.24 -0.64	42.49 -4.06 -5.14	51.19 -5.27 -1.78	49.23 -4.86 -0.52	59.65 -5.91 0.00	70.25 -6.12 0.00
CHATEAUG_35_KV_LOAD 355732	106.23 2.11 0.00	47.72 0.76 0.00	42.33 0.57 0.00	70.23 0.98 0.00	57.12 0.76 0.00	65.23 0.79 0.00	86.60 0.92 0.00	60.51 0.57 0.00	60.04 0.45 0.00	101.18 0.65 0.00	112.32 0.34 0.00	98.91 0.32 0.00	81.72 0.09 0.00	82.67 0.17 0.00	64.74 0.23 0.00	71.09 0.09 0.00	80.65 0.07 0.00	111.26 -0.22 0.00	117.41 -0.08 0.00	41.43 0.03 0.00	54.76 0.09 0.00	53.69 0.12 0.00	65.94 0.39 0.00	76.75 0.38 0.00
CHATEAUG_WT_PWR 323614	106.00 1.88 0.00	47.64 0.68 0.00	42.24 0.49 0.00	70.06 0.81 0.00	56.99 0.64 0.00	65.10 0.66 0.00	86.46 0.77 0.00	60.43 0.49 0.00	59.94 0.35 0.00	100.99 0.46 0.00	112.16 0.18 0.00	98.77 0.19 0.00	81.66 0.03 0.00	82.59 0.09 0.00	64.66 0.15 0.00	71.00 0.00 0.00	80.56 -0.02 0.00	111.16 -0.31 0.00	117.22 -0.27 0.00	41.37 -0.04 0.00	54.67 0.00 0.00	53.58 0.01 0.00	65.79 0.23 0.00	76.58 0.21 0.00
CHAT_HIGH_FALL_HYD 323578	106.23 2.11 0.00	47.72 0.76 0.00	42.33 0.57 0.00	70.23 0.98 0.00	57.12 0.76 0.00	65.23 0.79 0.00	86.60 0.92 0.00	60.51 0.57 0.00	60.04 0.45 0.00	101.18 0.65 0.00	112.32 0.34 0.00	98.91 0.32 0.00	81.72 0.09 0.00	82.67 0.17 0.00	64.74 0.23 0.00	71.09 0.09 0.00	80.65 0.07 0.00	111.26 -0.22 0.00	117.41 -0.08 0.00	41.43 0.03 0.00	54.76 0.09 0.00	53.69 0.12 0.00	65.94 0.39 0.00	76.75 0.38 0.00
CHAUTAUQUA___LFGE 323629	97.50 -6.62 0.00	44.35 -2.61 0.00	39.48 -2.27 0.00	66.20 -3.05 0.00	53.27 -3.08 0.00	60.70 -3.74 0.00	80.00 -5.68 0.00	55.35 -4.59 0.00	55.30 -4.29 0.00	93.73 -6.80 0.00	103.77 -8.21 0.00	92.06 -7.73 -1.21	75.71 -6.22 -0.30	77.00 -6.68 -1.19	60.30 -5.45 -1.23	66.25 -5.05 -0.30	76.74 -5.40 -1.56	105.20 -7.77 -1.49	108.97 -9.15 -0.63	42.79 -3.65 -5.03	51.69 -4.73 -1.75	49.63 -4.45 -0.51	59.97 -5.59 0.00	70.28 -6.09 0.00
CHERRYST_13_KV_LD 356241	109.25 5.13 0.00	49.70 2.74 0.00	44.25 2.49 0.00	73.09 3.84 0.00	59.52 3.17 0.00	68.17 3.73 0.00	91.26 5.23 -0.34	78.48 4.13 -14.41	80.32 4.19 -16.54	116.73 6.82 -9.38	122.14 8.27 -1.89	113.40 7.33 -7.49	89.70 6.36 -1.72	96.26 6.18 -7.59	94.78 4.79 -25.48	117.77 5.16 -41.61	139.52 5.94 -53.00	143.69 8.66 -23.56	131.44 8.91 -5.04	97.62 3.17 -53.04	84.39 4.15 -25.57	63.93 3.95 -6.42	70.14 4.32 -0.26	88.64 4.83 -7.44

CHESTROR_138KV_BK263 355645	107.81 3.69 0.00	48.93 1.97 0.00	43.55 1.79 0.00	72.05 2.80 0.00	58.64 2.29 0.00	67.18 2.74 0.00	89.85 3.85 -0.32	76.38 2.98 -13.46	77.97 2.93 -15.45	114.16 4.87 -8.76	119.68 5.94 -1.76	110.71 5.16 -6.96	87.62 4.39 -1.60	93.52 4.13 -6.90	49.30 3.08 18.28	22.90 3.43 51.53	37.79 4.06 46.85	107.35 6.08 10.20	125.10 6.35 -1.26	40.64 2.25 3.02	45.68 2.93 11.92	54.33 2.80 2.03	68.82 3.02 -0.24	86.47 3.37 -6.74
CH_MIDHUDSON___DRP 24192	109.80 5.69 0.00	49.84 2.88 0.00	44.36 2.60 0.00	73.38 4.13 0.00	59.76 3.41 0.00	68.43 3.99 0.00	91.61 5.55 -0.37	80.03 4.21 -15.88	82.03 4.21 -18.22	117.75 6.89 -10.33	122.15 8.08 -2.08	113.50 7.06 -7.85	89.39 5.97 -1.79	96.27 5.88 -7.90	76.40 4.68 -7.22	77.96 5.19 -1.77	97.75 6.13 -11.03	130.29 8.98 -9.83	130.52 9.35 -3.68	76.03 3.33 -31.29	69.23 4.34 -10.21	60.71 4.14 -3.01	70.48 4.64 -0.28	89.72 5.23 -8.12
CH_MISC_IPPS 23765	110.20 6.09 0.00	50.03 3.06 0.00	44.51 2.75 0.00	73.66 4.41 0.00	59.97 3.62 0.00	68.71 4.26 0.00	92.00 5.95 -0.36	79.91 4.50 -15.46	81.83 4.49 -17.74	117.99 7.40 -10.06	122.70 8.69 -2.02	113.79 7.53 -7.68	89.71 6.32 -1.76	96.40 6.19 -7.72	76.44 4.88 -7.05	78.17 5.45 -1.73	97.77 6.42 -10.77	130.52 9.45 -9.60	131.00 9.91 -3.60	75.47 3.50 -30.57	69.21 4.56 -9.98	60.85 4.35 -2.94	70.69 4.86 -0.28	89.70 5.45 -7.89
CH_RES_BVR_FALLS 23983	104.49 0.37 0.00	47.03 0.07 0.00	41.80 0.05 0.00	69.38 0.12 0.00	56.41 0.06 0.00	64.49 0.05 0.00	85.68 0.00 0.00	59.86 -0.08 0.00	59.47 -0.12 0.00	100.28 -0.25 0.00	111.62 -0.36 0.00	98.27 -0.31 0.00	81.36 -0.27 0.00	82.22 -0.27 0.00	64.34 -0.16 0.00	70.78 -0.21 0.00	80.24 -0.34 0.00	110.93 -0.55 0.00	116.93 -0.56 0.00	41.22 -0.19 0.00	54.47 -0.21 0.00	53.38 -0.18 0.00	65.47 -0.09 0.00	76.27 -0.10 0.00
CH_RES_NIAGARA 23895	91.43 -12.69 0.00	41.61 -5.35 0.00	37.08 -4.67 0.00	62.32 -6.94 0.00	50.00 -6.35 0.00	56.78 -7.66 0.00	74.64 -11.05 0.00	51.33 -8.61 0.00	51.10 -8.50 0.00	86.27 -14.26 0.00	95.82 -16.17 0.00	84.86 -14.82 -1.09	69.99 -11.91 -0.27	71.44 -12.13 -1.08	56.03 -9.58 -1.11	61.43 -9.84 -0.27	70.92 -11.07 -1.40	97.45 -15.36 -1.33	101.21 -16.84 -0.56	39.44 -6.49 -4.52	47.89 -8.35 -1.56	46.35 -7.68 -0.46	56.41 -9.15 0.00	66.80 -9.57 0.00
CH_RES_SYRACUSE 23985	101.84 -2.28 0.00	46.04 -0.93 0.00	40.92 -0.84 0.00	67.94 -1.31 0.00	55.27 -1.09 0.00	63.28 -1.17 0.00	84.21 -1.47 0.00	58.94 -1.00 0.00	58.65 -0.94 0.00	99.14 -1.39 0.00	110.32 -1.66 0.00	97.06 -1.53 0.00	80.42 -1.21 0.00	81.25 -1.24 0.00	63.47 -1.03 0.00	69.95 -1.05 0.00	79.60 -0.98 0.00	110.32 -1.16 0.00	116.08 -1.41 0.00	40.97 -0.55 -0.11	53.88 -0.80 0.00	52.75 -0.81 0.00	64.41 -1.14 0.00	75.03 -1.34 0.00
CLINTON_WT_PWR 323605	106.00 1.88 0.00	47.64 0.68 0.00	42.24 0.49 0.00	70.06 0.81 0.00	56.99 0.64 0.00	65.10 0.66 0.00	86.46 0.77 0.00	60.43 0.49 0.00	59.94 0.35 0.00	100.99 0.46 0.00	112.16 0.18 0.00	98.77 0.19 0.00	81.66 0.03 0.00	82.59 0.09 0.00	64.66 0.15 0.00	71.00 0.00 0.00	80.56 -0.02 0.00	111.16 -0.31 0.00	117.22 -0.27 0.00	41.37 -0.04 0.00	54.67 0.00 0.00	53.58 0.01 0.00	65.79 0.23 0.00	76.58 0.21 0.00
CLINTON___LFGE 323618	107.55 3.43 0.00	48.40 1.44 0.00	42.88 1.12 0.00	71.11 1.86 0.00	57.85 1.51 0.00	66.15 1.71 0.00	87.87 2.19 0.00	61.48 1.54 0.00	60.97 1.38 0.00	102.66 2.13 0.00	114.03 2.04 0.00	100.37 1.78 0.00	82.91 1.29 0.00	83.83 1.34 0.00	65.66 1.15 0.00	71.96 0.96 0.00	81.88 1.29 0.00	113.09 1.62 0.00	119.16 1.67 0.00	42.07 0.66 0.00	55.56 0.88 0.00	54.41 0.84 0.00	66.69 1.14 0.00	77.61 1.24 0.00
COBBLENY_34_KV_TB1 80064	96.71 -7.41 0.00	43.94 -3.02 0.00	39.11 -2.65 0.00	65.57 -3.69 0.00	52.77 -3.58 0.00	60.05 -4.39 0.00	79.15 -6.53 0.00	54.74 -5.20 0.00	54.58 -5.01 0.00	92.24 -8.29 0.00	102.37 -9.62 0.00	91.04 -8.78 -1.24	75.05 -6.89 -0.31	76.53 -7.18 -1.22	59.97 -5.80 -1.26	65.48 -5.82 -0.31	75.68 -6.49 -1.59	103.97 -9.02 -1.52	107.78 -10.36 -0.64	42.43 -4.11 -5.14	51.16 -5.29 -1.78	49.21 -4.88 -0.52	59.61 -5.94 0.00	70.25 -6.12 0.00
COFFEEN___115KV_TB3 355620	107.02 2.91 0.00	48.21 1.25 0.00	42.79 1.04 0.00	71.00 1.75 0.00	57.84 1.48 0.00	66.23 1.79 0.00	88.36 2.67 0.00	62.13 2.19 0.00	61.99 2.40 0.00	104.95 4.42 0.00	116.57 4.59 0.00	102.31 3.72 0.00	84.48 2.85 0.00	85.30 2.81 0.00	66.60 2.09 0.00	73.58 2.59 0.00	84.03 3.45 0.00	116.50 5.02 0.00	122.43 4.94 0.00	43.04 1.58 -0.06	56.43 1.76 0.00	55.24 1.68 0.00	67.31 1.76 0.00	78.13 1.76 0.00
COLDSPRG_115KV_BK1 355956	100.84 -3.28 0.00	45.76 -1.20 0.00	40.74 -1.02 0.00	68.22 -1.04 0.00	55.05 -1.30 0.00	62.69 -1.75 0.00	82.57 -3.11 0.00	57.21 -2.73 0.00	57.05 -2.55 0.00	96.89 -3.64 0.00	107.61 -4.38 0.00	96.02 -3.87 -1.31	78.88 -3.08 -0.33	79.50 -4.28 -1.30	62.28 -3.56 -1.33	68.50 -2.82 -0.33	78.91 -3.35 -1.69	108.37 -4.71 -1.61	112.33 -5.84 -0.68	44.37 -2.47 -5.43	53.43 -3.13 -1.89	51.09 -3.03 -0.56	61.85 -3.71 0.00	72.55 -3.82 0.00
COLONIE_LFGE___ 323577	108.84 4.72 0.00	49.25 2.28 0.00	43.77 2.01 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.64 3.20 0.00	92.81 4.36 -2.77	180.62 3.17 -117.51	197.62 3.18 -134.85	182.15 5.16 -76.46	133.38 6.01 -15.38	133.79 5.37 -29.83	92.22 4.50 -6.09	117.11 4.62 -29.99	92.65 3.63 -24.52	80.97 3.97 -6.00	130.22 4.56 -45.08	155.75 6.37 -37.91	136.55 6.55 -12.51	154.88 2.37 -111.10	92.45 3.08 -34.70	66.76 2.98 -10.21	71.16 3.50 -2.11	140.59 4.19 -60.03
COOPERNY_115KV_TB1 80082	106.62 2.50 0.00	48.34 1.38 0.00	43.00 1.24 0.00	71.19 1.94 0.00	57.96 1.61 0.00	66.37 1.93 0.00	88.68 2.74 -0.26	73.16 2.09 -11.12	74.43 2.07 -12.77	111.24 3.47 -7.24	117.64 4.19 -1.46	107.97 3.66 -5.72	86.08 3.14 -1.31	91.12 2.92 -5.70	59.98 2.17 6.70	48.94 2.40 24.46	63.99 2.84 19.43	113.68 4.22 2.01	123.63 4.43 -1.72	50.89 1.58 -7.90	54.01 2.05 2.72	55.44 1.96 0.08	67.85 2.09 -0.20	84.30 2.32 -5.62
COPENHAGEN_WT_PWR 323753	105.89 1.78 0.00	47.73 0.76 0.00	42.37 0.62 0.00	70.30 1.05 0.00	57.25 0.90 0.00	65.52 1.08 0.00	87.35 1.67 0.00	61.38 1.44 0.00	61.22 1.62 0.00	103.64 3.11 0.00	115.17 3.18 0.00	101.12 2.53 0.00	83.52 1.90 0.00	84.33 1.83 0.00	65.84 1.33 0.00	72.69 1.69 0.00	82.92 2.34 0.00	114.87 3.40 0.00	120.75 3.26 0.00	42.47 1.00 -0.06	55.64 0.97 0.00	54.52 0.96 0.00	66.55 1.00 0.00	77.33 0.96 0.00
CORNELL_____ 23752	104.57 0.46 0.00	47.29 0.33 0.00	42.04 0.28 0.00	69.85 0.60 0.00	56.83 0.48 0.00	65.09 0.65 0.00	86.73 0.94 -0.10	64.99 0.73 -4.32	65.38 0.83 -4.96	105.12 1.79 -2.81	114.18 1.63 -0.57	101.78 1.27 -1.92	83.14 1.08 -0.43	85.42 1.00 -1.93	66.92 0.68 -1.74	72.29 0.87 -0.42	84.63 1.34 -2.71	116.06 2.18 -2.40	120.50 2.12 -0.88	49.61 0.65 -7.56	57.91 0.78 -2.46	54.99 0.70 -0.72	66.23 0.59 -0.08	79.18 0.61 -2.20

CORONA__69_KV_TB1 355595	111.28 7.17 0.00	50.49 3.52 0.00	44.87 3.12 0.00	74.19 4.94 0.00	60.30 3.95 0.00	69.06 4.62 0.00	92.39 6.36 -0.34	79.17 4.80 -14.42	80.89 4.75 -16.54	117.32 7.41 -9.38	122.78 8.90 -1.89	114.29 8.21 -7.49	94.30 7.31 -5.36	97.59 7.07 -8.04	102.35 5.85 -31.99	132.48 6.50 -54.97	174.92 7.25 -87.09	168.71 10.17 -47.07	200.88 10.60 -72.78	144.07 3.88 -98.78	101.46 5.11 -41.67	85.79 4.93 -27.29	71.29 5.47 -0.26	107.53 6.50 -24.66
CORTLAND__115KV_TB3 80093	103.74 -0.38 0.00	46.94 -0.03 0.00	41.72 -0.03 0.00	69.30 0.04 0.00	56.40 0.05 0.00	64.57 0.13 0.00	85.93 0.24 0.00	60.16 0.22 0.00	59.89 0.30 0.00	101.36 0.83 0.00	112.61 0.63 0.00	100.30 0.41 -1.30	82.30 0.34 -0.33	84.11 0.31 -1.31	65.99 0.16 -1.32	71.57 0.25 -0.32	82.81 0.55 -1.67	114.06 0.99 -1.60	119.09 0.92 -0.68	47.04 0.22 -5.41	56.77 0.22 -1.87	54.31 0.19 -0.55	65.57 0.02 0.00	76.37 -0.01 0.00
COXSACKIE__GT 23611	114.02 9.90 0.00	51.62 4.66 0.00	45.91 4.15 0.00	76.16 6.91 0.00	62.12 5.77 0.00	71.26 6.82 0.00	96.02 9.06 -1.28	120.54 6.40 -54.20	128.24 6.44 -62.20	146.17 10.38 -35.27	130.06 10.98 -7.09	123.94 8.90 -16.45	92.14 7.01 -3.50	105.96 6.92 -16.54	84.08 5.51 -14.06	80.99 6.55 -3.44	113.44 8.58 -24.27	144.26 11.98 -20.81	137.24 12.58 -7.17	108.46 4.32 -62.73	80.17 5.60 -19.90	64.90 5.47 -5.86	73.09 6.56 -0.97	112.15 8.09 -27.68
CPV_VALLEY__CC1 323721	106.90 2.79 0.00	48.52 1.56 0.00	43.17 1.41 0.00	71.42 2.17 0.00	58.13 1.78 0.00	66.59 2.15 0.00	89.02 3.05 -0.29	74.81 2.38 -12.49	76.27 2.34 -14.33	112.54 3.89 -8.13	118.45 4.82 -1.64	109.30 4.23 -6.49	86.75 3.63 -1.49	92.33 3.38 -6.46	56.37 2.53 10.66	39.46 2.78 34.32	54.74 3.22 29.06	111.71 4.86 4.63	124.28 5.09 -1.70	48.37 1.82 -5.15	51.37 2.37 5.68	55.13 2.25 0.68	68.15 2.38 -0.22	85.29 2.63 -6.29
CPV_VALLEY__CC2 323722	106.90 2.79 0.00	48.52 1.56 0.00	43.17 1.41 0.00	71.42 2.17 0.00	58.13 1.78 0.00	66.59 2.15 0.00	89.02 3.05 -0.29	74.81 2.38 -12.49	76.27 2.34 -14.33	112.54 3.89 -8.13	118.45 4.82 -1.64	109.30 4.23 -6.49	86.75 3.63 -1.49	92.33 3.38 -6.46	56.37 2.53 10.66	39.46 2.78 34.32	54.74 3.22 29.06	111.71 4.86 4.63	124.28 5.09 -1.70	48.37 1.82 -5.15	51.37 2.37 5.68	55.13 2.25 0.68	68.15 2.38 -0.22	85.29 2.63 -6.29
CRESCENT__HYD 24018	108.84 4.72 0.00	49.25 2.28 0.00	43.77 2.01 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.64 3.20 0.00	92.81 4.36 -2.77	180.62 3.17 -117.51	197.62 3.18 -134.85	182.15 5.16 -76.46	133.38 6.01 -15.38	133.79 5.37 -29.83	92.22 4.50 -6.09	117.11 4.62 -29.99	92.65 3.63 -24.52	80.97 3.97 -6.00	130.22 4.56 -45.08	155.75 6.37 -37.91	136.55 6.55 -12.51	154.88 2.37 -111.10	92.45 3.08 -34.70	66.76 2.98 -10.21	71.16 3.50 -2.11	140.59 4.19 -60.03
CRICKET__VALLEY_CC1 323756	108.85 4.73 0.00	49.42 2.46 0.00	43.99 2.24 0.00	72.80 3.55 0.00	59.24 2.89 0.00	67.77 3.33 0.00	90.69 4.61 -0.41	80.68 3.52 -17.22	82.84 3.48 -19.76	117.31 5.57 -11.20	120.89 6.65 -2.25	112.89 5.98 -8.32	88.65 5.13 -1.90	95.95 5.06 -8.40	83.94 4.01 -15.42	94.04 4.43 -18.62	115.29 5.14 -29.56	135.39 7.53 -16.38	129.86 7.84 -4.53	87.04 2.81 -42.82	75.78 3.69 -17.42	61.75 3.53 -4.66	69.80 3.93 -0.31	89.66 4.45 -8.84
CRICKET__VALLEY_CC2 323757	108.85 4.73 0.00	49.42 2.46 0.00	43.99 2.24 0.00	72.80 3.55 0.00	59.24 2.89 0.00	67.77 3.33 0.00	90.69 4.61 -0.41	80.68 3.52 -17.22	82.84 3.48 -19.76	117.31 5.57 -11.20	120.89 6.65 -2.25	112.89 5.98 -8.32	88.65 5.13 -1.90	95.95 5.06 -8.40	83.94 4.01 -15.42	94.04 4.43 -18.62	115.29 5.14 -29.56	135.39 7.53 -16.38	129.86 7.84 -4.53	87.04 2.81 -42.82	75.78 3.69 -17.42	61.75 3.53 -4.66	69.80 3.93 -0.31	89.66 4.45 -8.84
CRICKET__VALLEY_CC3 323758	108.85 4.73 0.00	49.42 2.46 0.00	43.99 2.24 0.00	72.80 3.55 0.00	59.24 2.89 0.00	67.77 3.33 0.00	90.69 4.61 -0.41	80.68 3.52 -17.22	82.84 3.48 -19.76	117.31 5.57 -11.20	120.89 6.65 -2.25	112.89 5.98 -8.32	88.65 5.13 -1.90	95.95 5.06 -8.40	83.94 4.01 -15.42	94.04 4.43 -18.62	115.29 5.14 -29.56	135.39 7.53 -16.38	129.86 7.84 -4.53	87.04 2.81 -42.82	75.78 3.69 -17.42	61.75 3.53 -4.66	69.80 3.93 -0.31	89.66 4.45 -8.84
CRUCIBLE__METL_DRP 24180	101.84 -2.28 0.00	46.04 -0.93 0.00	40.92 -0.84 0.00	67.94 -1.31 0.00	55.27 -1.08 0.00	63.27 -1.17 0.00	84.20 -1.49 0.00	58.95 -1.00 0.00	58.65 -0.95 0.00	99.13 -1.40 0.00	110.32 -1.66 0.00	97.04 -1.55 0.00	80.42 -1.21 0.00	81.23 -1.26 0.00	63.47 -1.03 0.00	69.95 -1.05 0.00	79.59 -0.99 0.00	110.32 -1.16 0.00	116.07 -1.42 0.00	40.97 -0.55 -0.11	53.88 -0.80 0.00	52.76 -0.81 0.00	64.40 -1.16 0.00	75.03 -1.34 0.00
DAHOWA__HYDRO 323763	110.36 6.25 0.00	49.94 2.97 0.00	44.36 2.60 0.00	73.52 4.27 0.00	59.83 3.48 0.00	68.67 4.23 0.00	94.77 5.85 -3.23	201.42 4.32 -137.16	221.39 4.39 -157.41	196.96 7.19 -89.25	138.10 8.17 -17.95	139.70 7.18 -33.93	94.58 6.07 -6.89	122.85 6.25 -34.11	97.10 4.89 -27.70	83.42 5.64 -6.78	138.69 6.65 -51.45	163.85 9.23 -43.14	141.11 9.48 -14.13	170.64 3.36 -125.88	98.27 4.39 -39.20	69.30 4.19 -11.54	72.90 4.88 -2.46	152.06 5.63 -70.06
DANC__LFGE 323619	103.94 -0.17 0.00	46.90 -0.07 0.00	41.65 -0.11 0.00	69.12 -0.14 0.00	56.27 -0.08 0.00	64.35 -0.09 0.00	85.67 -0.02 0.00	60.13 0.18 0.00	59.94 0.34 0.00	101.49 0.96 0.00	112.91 0.92 0.00	99.17 0.58 0.00	82.01 0.39 0.00	82.75 0.25 0.00	64.62 0.11 0.00	71.21 0.22 0.00	81.08 0.50 0.00	112.22 0.75 0.00	118.03 0.54 0.00	41.54 0.06 -0.07	54.53 -0.15 0.00	53.49 -0.08 0.00	65.31 -0.24 0.00	75.95 -0.42 0.00
DANSKAMMER__1 23586	110.20 6.09 0.00	50.03 3.06 0.00	44.51 2.75 0.00	73.66 4.41 0.00	59.97 3.62 0.00	68.71 4.26 0.00	92.00 5.95 -0.36	79.91 4.50 -15.46	81.83 4.49 -17.74	117.99 7.40 -10.06	122.70 8.69 -2.02	113.79 7.53 -7.68	89.71 6.32 -1.76	96.40 6.19 -7.72	76.44 4.88 -7.05	78.17 5.45 -1.73	97.77 6.42 -10.77	130.52 9.45 -9.60	131.00 9.91 -3.60	75.47 3.50 -30.57	69.21 4.56 -9.98	60.85 4.35 -2.94	70.69 4.86 -0.28	89.70 5.45 -7.89
DANSKAMMER__2 23589	110.20 6.09 0.00	50.03 3.06 0.00	44.51 2.75 0.00	73.66 4.41 0.00	59.97 3.62 0.00	68.71 4.26 0.00	92.00 5.95 -0.36	79.91 4.50 -15.46	81.83 4.49 -17.74	117.99 7.40 -10.06	122.70 8.69 -2.02	113.79 7.53 -7.68	89.71 6.32 -1.76	96.40 6.19 -7.72	76.44 4.88 -7.05	78.17 5.45 -1.73	97.77 6.42 -10.77	130.52 9.45 -9.60	131.00 9.91 -3.60	75.47 3.50 -30.57	69.21 4.56 -9.98	60.85 4.35 -2.94	70.69 4.86 -0.28	89.70 5.45 -7.89
DANSKAMMER__3 23590	110.20 6.09 0.00	50.03 3.06 0.00	44.51 2.75 0.00	73.66 4.41 0.00	59.97 3.62 0.00	68.71 4.26 0.00	92.00 5.95 -0.36	79.91 4.50 -15.46	81.83 4.49 -17.74	117.99 7.40 -10.06	122.70 8.69 -2.02	113.79 7.53 -7.68	89.71 6.32 -1.76	96.40 6.19 -7.72	76.44 4.88 -7.05	78.17 5.45 -1.73	97.77 6.42 -10.77	130.52 9.45 -9.60	131.00 9.91 -3.60	75.47 3.50 -30.57	69.21 4.56 -9.98	60.85 4.35 -2.94	70.69 4.86 -0.28	89.70 5.45 -7.89

DANSKAMMER___4 23591	110.20 6.09 0.00	50.03 3.06 0.00	44.51 2.75 0.00	73.66 4.41 0.00	59.97 3.62 0.00	68.71 4.26 0.00	92.00 5.95 -0.36	79.91 4.50 -15.46	81.83 4.49 -17.74	117.99 7.40 -10.06	122.70 8.69 -2.02	113.79 7.53 -7.68	89.71 6.32 -1.76	96.40 6.19 -7.72	76.44 4.88 -7.05	78.17 5.45 -1.73	97.77 6.42 -10.77	130.52 9.45 -9.60	131.00 9.91 -3.60	75.47 3.50 -30.57	69.21 4.56 -9.98	60.85 4.35 -2.94	70.69 4.86 -0.28	89.70 5.45 -7.89
DANSKAMMER___DIESEL 23592	110.20 6.09 0.00	50.02 3.06 0.00	44.51 2.75 0.00	73.66 4.41 0.00	59.97 3.62 0.00	68.71 4.26 0.00	92.02 5.97 -0.36	79.91 4.50 -15.46	81.84 4.50 -17.74	118.02 7.43 -10.06	122.71 8.70 -2.02	113.80 7.54 -7.68	89.72 6.34 -1.76	96.42 6.21 -7.72	76.44 4.88 -7.05	78.18 5.46 -1.73	97.80 6.45 -10.77	130.54 9.47 -9.60	131.02 9.93 -3.60	75.47 3.50 -30.57	69.22 4.56 -9.98	60.85 4.35 -2.94	70.70 4.86 -0.28	89.71 5.45 -7.89
DARBY___SOLAR 323810	110.08 5.96 0.00	49.81 2.85 0.00	44.25 2.50 0.00	73.32 4.07 0.00	59.69 3.34 0.00	68.47 4.03 0.00	94.43 5.57 -3.18	198.81 4.09 -134.78	218.41 4.13 -154.68	195.00 6.77 -87.70	137.34 7.72 -17.64	138.83 6.81 -33.43	94.17 5.75 -6.79	122.03 5.92 -33.61	96.46 4.64 -27.32	82.99 5.30 -6.69	137.48 6.21 -50.68	162.67 8.68 -42.51	140.32 8.90 -13.93	168.66 3.16 -124.09	97.45 4.12 -38.66	68.89 3.94 -11.38	72.54 4.57 -2.42	150.53 5.31 -68.85
DASHVILLE___HYD 23610	111.51 7.40 0.00	50.62 3.65 0.00	45.05 3.29 0.00	74.56 5.31 0.00	60.72 4.37 0.00	69.62 5.17 0.00	93.44 7.18 -0.58	89.82 5.38 -24.49	93.07 5.37 -28.11	125.40 8.93 -15.94	125.41 10.22 -3.21	116.82 8.60 -9.64	90.85 7.09 -2.14	99.08 6.91 -9.68	78.58 5.49 -8.59	79.53 6.43 -2.10	102.11 7.74 -13.79	135.08 11.51 -12.09	133.89 12.02 -4.38	83.25 4.20 -37.64	72.29 5.47 -12.15	62.39 5.25 -3.58	71.87 5.88 -0.44	95.31 6.45 -12.49
DEERFIELD_69_KV_DEERFIELD LD 355887	115.52 11.38 -0.03	52.41 5.44 -0.01	46.62 4.86 -0.01	77.13 7.87 -0.01	62.74 6.39 0.00	71.91 7.47 0.00	96.42 10.39 -0.34	82.01 7.65 -14.42	83.60 7.46 -16.54	121.33 11.42 -9.38	127.34 13.46 -1.89	118.08 12.00 -7.49	103.96 10.44 -11.90	100.65 10.29 -7.87	126.20 8.62 -53.08	179.32 10.01 -98.31	280.16 10.97 -188.61	166.04 16.92 -37.65	185.38 17.71 -50.18	247.68 6.27 -200.00	155.32 8.36 -92.29	147.94 8.03 -86.34	74.85 9.03 -0.28	147.96 10.53 -61.06
DELAWARE___LFGE 323621	106.95 2.83 0.00	48.38 1.42 0.00	43.04 1.28 0.00	71.41 2.15 0.00	58.19 1.83 0.00	66.59 2.15 0.00	89.04 2.89 -0.46	81.76 2.08 -19.74	84.36 2.11 -22.65	117.03 3.66 -12.85	118.62 4.05 -2.58	108.85 3.57 -6.70	86.07 2.99 -1.45	92.07 2.85 -6.73	72.50 2.17 -5.83	74.91 2.49 -1.43	93.25 2.93 -9.73	124.13 4.23 -8.43	124.85 4.39 -2.97	68.59 1.55 -25.64	64.93 2.01 -8.25	57.93 1.93 -2.43	68.05 2.15 -0.35	88.81 2.37 -10.07
DERFIELD_115KV_TB7 355931	104.54 0.42 0.00	47.24 0.27 0.00	42.01 0.25 0.00	69.63 0.38 0.00	56.69 0.34 0.00	64.83 0.39 0.00	86.20 0.51 0.00	60.32 0.38 0.00	60.01 0.41 0.00	101.16 0.63 0.00	112.80 0.81 0.00	99.34 0.76 0.00	82.28 0.65 0.00	83.14 0.65 0.00	65.00 0.49 0.00	71.50 0.50 0.00	81.23 0.64 0.00	112.36 0.89 0.00	118.43 0.94 0.00	41.74 0.33 0.00	55.11 0.43 0.00	53.97 0.41 0.00	66.01 0.46 0.00	76.95 0.58 0.00
DOGLEVILLE___HYD 23807	107.37 3.26 0.00	48.65 1.69 0.00	43.26 1.50 0.00	71.67 2.42 0.00	58.45 2.10 0.00	67.17 2.73 0.00	89.24 3.56 0.00	62.77 2.83 0.00	62.51 2.92 0.00	104.88 4.36 0.00	116.89 4.90 0.00	103.06 4.48 0.00	85.33 3.70 0.00	86.21 3.72 0.00	67.41 2.91 0.00	74.38 3.38 0.00	84.97 4.39 0.00	117.66 6.19 0.00	123.79 6.30 0.00	43.68 2.27 0.00	57.57 2.89 0.00	56.30 2.74 0.00	68.58 3.03 0.00	79.97 3.60 0.00
DUNKIRK___115KV_TB_200 55889	97.28 -6.84 0.00	44.23 -2.73 0.00	39.39 -2.37 0.00	66.04 -3.21 0.00	53.13 -3.22 0.00	60.54 -3.90 0.00	79.77 -5.91 0.00	55.18 -4.77 0.00	55.06 -4.54 0.00	93.15 -7.38 0.00	103.33 -8.66 0.00	91.72 -8.08 -1.21	75.58 -6.35 -0.30	76.76 -6.92 -1.19	60.13 -5.61 -1.23	65.96 -5.33 -0.30	76.36 -5.78 -1.55	104.79 -8.16 -1.48	108.58 -9.54 -0.63	42.61 -3.81 -5.02	51.52 -4.89 -1.74	49.48 -4.60 -0.51	59.83 -5.72 0.00	70.20 -6.17 0.00
DUNKIRK___1 23563	97.28 -6.84 0.00	44.23 -2.73 0.00	39.39 -2.37 0.00	66.04 -3.21 0.00	53.13 -3.22 0.00	60.54 -3.90 0.00	79.77 -5.91 0.00	55.18 -4.77 0.00	55.06 -4.54 0.00	93.15 -7.38 0.00	103.33 -8.66 0.00	91.72 -8.08 -1.21	75.58 -6.35 -0.30	76.76 -6.92 -1.19	60.13 -5.61 -1.23	65.96 -5.33 -0.30	76.36 -5.78 -1.55	104.79 -8.16 -1.48	108.58 -9.54 -0.63	42.61 -3.81 -5.02	51.52 -4.89 -1.74	49.48 -4.60 -0.51	59.83 -5.72 0.00	70.20 -6.17 0.00
DUNKIRK___2 23564	97.28 -6.84 0.00	44.23 -2.73 0.00	39.39 -2.37 0.00	66.04 -3.21 0.00	53.13 -3.22 0.00	60.54 -3.90 0.00	79.77 -5.91 0.00	55.18 -4.77 0.00	55.06 -4.54 0.00	93.15 -7.38 0.00	103.33 -8.66 0.00	91.72 -8.08 -1.21	75.58 -6.35 -0.30	76.76 -6.92 -1.19	60.13 -5.61 -1.23	65.96 -5.33 -0.30	76.36 -5.78 -1.55	104.79 -8.16 -1.48	108.58 -9.54 -0.63	42.61 -3.81 -5.02	51.52 -4.89 -1.74	49.48 -4.60 -0.51	59.83 -5.72 0.00	70.20 -6.17 0.00
DUNKIRK___3 23565	96.72 -7.39 0.00	43.99 -2.97 0.00	39.15 -2.60 0.00	65.65 -3.60 0.00	52.83 -3.52 0.00	60.15 -4.29 0.00	79.23 -6.46 0.00	54.77 -5.17 0.00	54.64 -4.96 0.00	92.41 -8.11 0.00	102.56 -9.43 0.00	91.08 -8.70 -1.19	75.08 -6.84 -0.29	76.33 -7.33 -1.17	59.80 -5.92 -1.21	65.53 -5.77 -0.30	75.76 -6.36 -1.53	104.02 -8.91 -1.46	107.82 -10.29 -0.62	42.28 -4.08 -4.95	51.14 -5.25 -1.71	49.16 -4.91 -0.51	59.52 -6.03 0.00	69.95 -6.42 0.00
DUNKIRK___4 23566	96.72 -7.39 0.00	43.99 -2.97 0.00	39.15 -2.60 0.00	65.65 -3.60 0.00	52.83 -3.52 0.00	60.15 -4.29 0.00	79.23 -6.46 0.00	54.77 -5.17 0.00	54.64 -4.96 0.00	92.41 -8.11 0.00	102.56 -9.43 0.00	91.08 -8.70 -1.19	75.08 -6.84 -0.29	76.33 -7.33 -1.17	59.80 -5.92 -1.21	65.53 -5.77 -0.30	75.76 -6.36 -1.53	104.02 -8.91 -1.46	107.82 -10.29 -0.62	42.28 -4.08 -4.95	51.14 -5.25 -1.71	49.16 -4.91 -0.51	59.52 -6.03 0.00	69.95 -6.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	109.18 5.07 0.00	49.60 2.63 0.00	44.15 2.38 0.00	72.98 3.73 0.00	59.40 3.05 0.00	68.03 3.58 0.00	91.05 5.02 -0.34	78.22 3.87 -14.41	80.00 3.86 -16.54	116.27 6.37 -9.38	121.59 7.72 -1.89	112.93 6.85 -7.49	89.25 5.90 -1.72	95.86 5.78 -7.59	94.53 4.55 -25.47	117.52 4.93 -41.59	139.25 5.69 -52.98	143.35 8.32 -23.55	131.18 8.65 -5.04	97.53 3.10 -53.03	84.28 4.05 -25.56	63.84 3.86 -6.41	70.09 4.28 -0.26	88.62 4.80 -7.44
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	109.03 4.91 0.00	49.49 2.53 0.00	44.05 2.29 0.00	72.87 3.62 0.00	59.32 2.96 0.00	67.96 3.52 0.00	90.99 4.96 -0.35	78.73 3.79 -14.99	80.56 3.76 -17.21	116.50 6.21 -9.76	121.39 7.44 -1.96	112.42 6.39 -7.44	88.72 5.39 -1.70	95.10 5.16 -7.44	65.79 3.98 2.70	56.61 4.43 18.82	74.48 5.29 11.39	121.36 7.87 -2.02	128.43 8.22 -2.71	62.07 2.91 -17.75	60.04 3.80 -1.57	58.20 3.60 -1.03	69.78 3.96 -0.27	88.39 4.41 -7.61

E179THST_138_KV_TB4_REV_LBMP_J 345001	108.90 4.79 0.00	49.53 2.57 0.00	44.12 2.36 0.00	72.83 3.58 0.00	59.31 2.96 0.00	67.93 3.49 0.00	90.89 4.86 -0.34	78.23 3.87 -14.41	80.09 3.95 -16.54	116.28 6.37 -9.38	121.79 7.92 -1.89	112.85 6.77 -7.49	89.48 6.13 -1.72	95.82 5.74 -7.59	94.44 4.50 -25.44	117.32 4.81 -41.52	139.03 5.56 -52.89	143.16 8.16 -23.53	130.92 8.39 -5.03	97.42 3.03 -52.99	84.12 3.92 -25.53	63.72 3.75 -6.41	69.92 4.10 -0.26	88.34 4.53 -7.44
E179THST_13_KV_LOAD 356214	109.41 5.29 0.00	49.75 2.79 0.00	44.29 2.53 0.00	73.13 3.87 0.00	59.56 3.20 0.00	68.23 3.79 0.00	91.30 5.27 -0.34	78.53 4.18 -14.41	80.39 4.25 -16.54	116.78 6.87 -9.38	122.37 8.50 -1.89	113.37 7.30 -7.49	89.90 6.55 -1.72	96.25 6.16 -7.59	94.79 4.84 -25.44	117.70 5.19 -41.52	139.48 6.00 -52.89	143.81 8.80 -23.53	131.57 9.05 -5.03	97.65 3.26 -52.99	84.41 4.21 -25.53	64.01 4.03 -6.41	70.25 4.44 -0.26	88.72 4.90 -7.44
EAST HAMPTON___GT 23717	116.02 11.88 -0.03	52.75 5.77 -0.01	46.96 5.20 -0.01	77.70 8.44 -0.01	63.24 6.89 0.00	72.52 8.08 0.00	97.33 11.30 -0.34	82.64 8.28 -14.42	84.20 8.06 -16.54	122.40 12.49 -9.38	128.60 14.73 -1.89	119.13 13.06 -7.49	104.90 11.38 -11.90	101.64 11.28 -7.87	126.99 9.41 -53.08	180.25 10.94 -98.31	280.57 11.38 -188.61	167.73 18.60 -37.65	187.25 19.59 -50.18	248.33 6.93 -200.00	156.16 9.20 -92.29	148.73 8.82 -86.34	75.79 9.96 -0.28	149.01 11.58 -61.06
EAST RIVER___6 23660	108.83 4.71 0.00	49.55 2.58 0.00	44.11 2.35 0.00	72.82 3.57 0.00	59.32 2.97 0.00	67.93 3.49 0.00	90.92 4.90 -0.34	78.26 3.91 -14.41	80.11 3.97 -16.54	116.30 6.39 -9.38	121.62 7.74 -1.89	112.94 6.86 -7.49	89.35 6.00 -1.72	95.90 5.81 -7.59	94.47 4.48 -25.48	117.42 4.82 -41.61	139.09 5.51 -53.00	143.16 8.12 -23.56	130.86 8.33 -5.04	97.42 2.98 -53.04	84.19 3.95 -25.57	63.76 3.78 -6.42	69.90 4.09 -0.26	88.28 4.47 -7.44
EAST RIVER___7 23524	108.83 4.71 0.00	49.55 2.58 0.00	44.11 2.35 0.00	72.82 3.57 0.00	59.32 2.97 0.00	67.93 3.49 0.00	90.92 4.90 -0.34	78.26 3.91 -14.41	80.11 3.97 -16.54	116.30 6.39 -9.38	121.62 7.74 -1.89	112.94 6.86 -7.49	89.35 6.00 -1.72	95.90 5.81 -7.59	94.47 4.48 -25.48	117.42 4.82 -41.61	139.09 5.51 -53.00	143.16 8.12 -23.56	130.86 8.33 -5.04	97.42 2.98 -53.04	84.19 3.95 -25.57	63.76 3.78 -6.42	69.90 4.09 -0.26	88.28 4.47 -7.44
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	108.90 4.79 0.00	49.47 2.50 0.00	44.04 2.28 0.00	72.80 3.55 0.00	59.25 2.90 0.00	67.86 3.42 0.00	90.81 4.79 -0.34	78.02 3.69 -14.38	79.79 3.68 -16.51	115.99 6.10 -9.36	121.27 7.40 -1.88	112.61 6.55 -7.47	88.98 5.64 -1.72	95.60 5.52 -7.58	96.33 4.36 -27.46	121.64 4.74 -45.91	143.60 5.47 -57.55	144.58 8.03 -25.07	131.06 8.37 -5.19	99.86 3.00 -55.46	85.82 3.91 -27.24	64.07 3.71 -6.79	69.93 4.11 -0.26	88.42 4.62 -7.44
EAST_HAMPTON___DIESEL 23722	115.96 11.82 -0.03	52.72 5.74 -0.01	46.94 5.17 -0.01	77.67 8.41 -0.01	63.21 6.86 0.00	72.50 8.06 0.00	97.31 11.29 -0.34	82.62 8.26 -14.42	84.17 8.03 -16.54	122.39 12.48 -9.38	128.60 14.73 -1.89	119.13 13.06 -7.49	104.91 11.38 -11.90	101.65 11.29 -7.87	127.01 9.42 -53.08	180.25 10.95 -98.31	280.63 11.44 -188.61	167.73 18.61 -37.65	187.26 19.60 -50.18	248.34 6.93 -200.00	156.17 9.21 -92.29	148.76 8.86 -86.34	75.82 9.99 -0.28	149.01 11.58 -61.06
EAST_POINT___SOLAR 323840	111.30 7.18 0.00	50.22 3.26 0.00	44.62 2.86 0.00	74.14 4.89 0.00	60.37 4.02 0.00	69.19 4.75 0.00	95.35 6.43 -3.23	201.54 4.63 -136.98	221.07 4.28 -157.19	194.60 4.95 -89.13	135.16 5.24 -17.93	136.95 4.83 -33.53	93.00 4.58 -6.79	121.11 4.92 -33.71	95.88 4.08 -27.30	82.87 5.20 -6.68	138.21 6.70 -50.93	163.96 9.85 -42.65	141.75 10.33 -13.93	169.31 3.50 -124.41	97.87 4.56 -38.64	69.37 4.43 -11.37	73.23 5.21 -2.46	152.04 5.70 -69.96
EAST_PULASKI___ESR 323781	99.47 -4.65 0.00	45.02 -1.95 0.00	40.03 -1.73 0.00	66.41 -2.85 0.00	53.96 -2.39 0.00	61.81 -2.63 0.00	82.23 -3.45 0.00	57.59 -2.35 0.00	57.28 -2.31 0.00	96.81 -3.72 0.00	107.84 -4.14 0.00	95.00 -3.59 0.00	78.69 -2.94 0.00	79.45 -3.05 0.00	61.99 -2.52 0.00	69.01 -1.99 0.00	79.27 -1.31 0.00	109.64 -1.84 0.00	115.35 -2.14 0.00	40.68 -0.81 -0.08	53.45 -1.22 0.00	52.44 -1.12 0.00	64.05 -1.51 0.00	74.51 -1.86 0.00
EAST_RIVER___1 323558	109.00 4.88 0.00	49.56 2.60 0.00	44.13 2.37 0.00	72.91 3.66 0.00	59.36 3.01 0.00	67.98 3.54 0.00	91.00 4.97 -0.34	78.30 3.94 -14.41	80.11 3.97 -16.54	116.36 6.45 -9.38	121.73 7.86 -1.89	113.05 6.98 -7.49	89.41 6.06 -1.72	95.95 5.86 -7.59	94.55 4.56 -25.48	117.52 4.92 -41.61	139.22 5.64 -53.00	143.28 8.25 -23.56	131.05 8.52 -5.04	97.48 3.03 -53.04	84.23 3.99 -25.57	63.77 3.79 -6.42	69.96 4.15 -0.26	88.40 4.59 -7.44
EAST_RIVER___2 323559	108.83 4.71 0.00	49.55 2.58 0.00	44.11 2.35 0.00	72.82 3.57 0.00	59.32 2.97 0.00	67.93 3.49 0.00	90.92 4.90 -0.34	78.26 3.91 -14.41	80.11 3.97 -16.54	116.30 6.39 -9.38	121.62 7.74 -1.89	112.94 6.86 -7.49	89.35 6.00 -1.72	95.90 5.81 -7.59	94.47 4.48 -25.48	117.42 4.82 -41.61	139.09 5.51 -53.00	143.16 8.12 -23.56	130.86 8.33 -5.04	97.42 2.98 -53.04	84.19 3.95 -25.57	63.76 3.78 -6.42	69.90 4.09 -0.26	88.28 4.47 -7.44
EAST___DELAWARE_HYD 23607	108.26 4.14 0.00	49.00 2.04 0.00	43.59 1.83 0.00	72.14 2.88 0.00	58.78 2.42 0.00	67.41 2.97 0.00	90.40 4.34 -0.38	79.51 3.39 -16.18	81.54 3.38 -18.57	116.55 5.50 -10.53	120.37 6.27 -2.12	111.03 5.01 -7.43	87.40 4.09 -1.69	93.79 3.86 -7.44	66.59 3.06 0.97	59.72 3.69 14.97	78.10 4.73 7.22	122.05 7.18 -3.39	127.92 7.61 -2.82	63.88 2.68 -19.80	61.15 3.47 -3.00	58.17 3.26 -1.35	69.33 3.49 -0.29	88.34 3.75 -8.22
EIGHT_POINT___WT_PWR 323820	100.40 -3.72 0.00	45.64 -1.33 0.00	40.57 -1.19 0.00	67.65 -1.60 0.00	54.72 -1.63 0.00	62.46 -1.98 0.00	82.80 -2.97 -0.08	61.31 -2.19 -3.56	61.65 -2.04 -4.09	99.91 -2.93 -2.32	108.18 -4.27 -0.47	96.14 -4.13 -1.68	78.31 -3.70 -0.39	80.25 -3.95 -1.70	62.74 -3.30 -1.54	68.46 -2.91 -0.37	80.30 -2.65 -2.37	109.83 -3.75 -2.10	113.57 -4.70 -0.78	46.12 -1.94 -6.66	54.42 -2.42 -2.17	52.06 -2.15 -0.64	62.87 -2.75 -0.06	75.21 -2.97 -1.82
ELBRIDGE_115KV_TB2 80188	101.23 -2.88 0.00	45.77 -1.19 0.00	40.70 -1.06 0.00	67.58 -1.67 0.00	54.97 -1.38 0.00	62.92 -1.52 0.00	83.69 -2.00 0.00	58.56 -1.38 0.00	58.28 -1.31 0.00	98.51 -2.02 0.00	109.62 -2.36 0.00	96.42 -2.16 0.00	79.90 -1.73 0.00	80.69 -1.81 0.00	63.05 -1.46 0.00	69.50 -1.49 0.00	79.07 -1.51 0.00	109.56 -1.91 0.00	115.28 -2.21 0.00	40.73 -0.80 -0.12	53.58 -1.10 0.00	52.48 -1.09 0.00	64.07 -1.49 0.00	74.58 -1.79 0.00
ELEC_TRO_TEK 24086	110.67 6.55 0.00	50.22 3.25 0.00	44.66 2.91 0.00	73.84 4.59 0.00	60.05 3.70 0.00	68.74 4.30 0.00	91.97 5.95 -0.34	78.87 4.52 -14.42	80.61 4.47 -16.54	116.87 6.96 -9.38	122.29 8.42 -1.89	113.82 7.75 -7.49	95.12 6.87 -6.62	97.17 6.65 -8.04	105.78 5.50 -35.77	139.87 6.13 -62.74	192.74 6.85 -105.32	168.04 9.65 -46.91	200.50 9.98 -73.03	162.75 3.62 -117.73	110.20 4.77 -50.76	96.20 4.63 -38.01	70.93 5.11 -0.26	114.26 6.04 -31.85

ELLENBURG_WT_PWR 323604	106.00 1.88 0.00	47.64 0.68 0.00	42.24 0.49 0.00	70.06 0.81 0.00	56.99 0.64 0.00	65.10 0.66 0.00	86.46 0.77 0.00	60.43 0.49 0.00	59.94 0.35 0.00	100.99 0.46 0.00	112.16 0.18 0.00	98.77 0.19 0.00	81.66 0.03 0.00	82.59 0.09 0.00	64.66 0.15 0.00	71.00 0.00 0.00	80.56 -0.02 0.00	111.16 -0.31 0.00	117.22 -0.27 0.00	41.37 -0.04 0.00	54.67 0.00 0.00	53.58 0.01 0.00	65.79 0.23 0.00	76.58 0.21 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	94.95 -9.16 0.00	43.19 -3.77 0.00	38.44 -3.32 0.00	64.51 -4.74 0.00	51.86 -4.49 0.00	58.99 -5.45 0.00	77.68 -8.01 0.00	53.16 -6.35 0.43	50.61 -6.16 2.82	75.75 -10.23 14.55	89.33 -11.72 10.94	86.64 -10.74 1.20	72.39 -8.49 0.75	73.08 -8.76 0.65	58.65 -7.03 -1.18	63.76 -7.14 0.09	63.15 -7.93 9.49	84.32 -11.02 16.13	87.02 -12.42 18.05	40.70 -4.85 -4.15	50.05 -6.29 -1.66	48.25 -5.80 -0.49	58.57 -6.98 0.00	69.10 -7.27 0.00
EMPIRE_CC_1 323656	107.95 3.84 0.00	48.89 1.92 0.00	43.47 1.72 0.00	71.97 2.71 0.00	58.57 2.22 0.00	67.09 2.65 0.00	90.18 3.60 -0.90	100.62 2.61 -38.07	105.86 2.57 -43.69	129.34 4.04 -24.77	121.93 4.96 -4.98	116.26 4.45 -13.23	88.25 3.74 -2.88	99.60 3.79 -13.31	83.27 2.99 -15.78	86.01 3.15 -11.86	112.98 3.58 -28.82	136.31 4.96 -19.88	128.85 5.11 -6.25	99.67 1.88 -56.38	77.08 2.45 -19.95	61.58 2.40 -5.62	69.04 2.80 -0.68	99.32 3.48 -19.47
EMPIRE_CC_2 323658	107.95 3.84 0.00	48.89 1.92 0.00	43.47 1.72 0.00	71.97 2.71 0.00	58.57 2.22 0.00	67.09 2.65 0.00	90.18 3.60 -0.90	100.62 2.61 -38.07	105.86 2.57 -43.69	129.34 4.04 -24.77	121.93 4.96 -4.98	116.26 4.45 -13.23	88.25 3.74 -2.88	99.60 3.79 -13.31	83.27 2.99 -15.78	86.01 3.15 -11.86	112.98 3.58 -28.82	136.31 4.96 -19.88	128.85 5.11 -6.25	99.67 1.88 -56.38	77.08 2.45 -19.95	61.58 2.40 -5.62	69.04 2.80 -0.68	99.32 3.48 -19.47
ENORWICH_115KV_TB1 80156	112.64 8.53 0.00	50.95 3.98 0.00	45.34 3.58 0.00	75.39 6.14 0.00	61.38 5.03 0.00	70.60 6.16 0.00	94.47 8.57 -0.21	75.37 6.32 -9.10	76.52 6.48 -10.45	117.78 11.33 -5.92	125.01 11.83 -1.19	112.08 9.99 -3.50	90.47 8.07 -0.77	93.85 7.84 -3.51	73.52 5.91 -3.11	78.73 6.97 -0.76	94.23 8.64 -5.01	128.47 12.62 -4.39	132.13 13.06 -1.58	59.39 4.41 -13.57	64.76 5.70 -4.39	60.20 5.35 -1.29	71.47 5.75 -0.16	87.16 6.15 -4.64
ERIE_ST_34_KV_TB1-2 80199	97.63 -6.49 0.00	44.34 -2.63 0.00	39.42 -2.34 0.00	66.14 -3.12 0.00	53.26 -3.09 0.00	60.53 -3.91 0.00	79.74 -5.94 0.00	55.10 -4.84 0.00	54.89 -4.71 0.00	92.94 -7.58 0.00	103.12 -8.87 0.00	91.88 -7.91 -1.21	75.75 -6.18 -0.30	77.12 -6.56 -1.19	60.53 -5.21 -1.23	66.06 -5.24 -0.30	76.12 -6.01 -1.55	104.55 -8.41 -1.48	108.33 -9.79 -0.63	42.53 -3.90 -5.02	51.39 -5.02 -1.74	49.46 -4.62 -0.51	60.00 -5.55 0.00	70.66 -5.71 0.00
ERIE_WT_PWR 323693	95.96 -8.16 0.00	43.63 -3.33 0.00	38.82 -2.94 0.00	65.13 -4.12 0.00	52.41 -3.94 0.00	59.59 -4.85 0.00	78.48 -7.21 0.00	54.24 -5.70 0.00	54.15 -5.44 0.00	91.65 -8.87 0.00	101.53 -10.45 0.00	90.17 -9.60 -1.19	74.30 -7.62 -0.29	75.84 -7.82 -1.17	59.41 -6.30 -1.21	65.00 -6.29 -0.30	75.17 -6.94 -1.53	103.14 -9.78 -1.46	106.93 -11.18 -0.61	41.98 -4.35 -4.93	50.66 -5.72 -1.71	48.82 -5.25 -0.50	59.18 -6.37 0.00	69.73 -6.64 0.00
ESPRGFLD_115KV_TB1 80157	108.14 4.03 0.00	48.75 1.79 0.00	43.37 1.61 0.00	72.08 2.83 0.00	58.69 2.34 0.00	67.16 2.72 0.00	91.68 3.68 -2.32	160.79 2.59 -98.25	174.90 2.55 -112.76	168.80 4.34 -63.93	129.49 4.64 -12.86	127.21 3.94 -24.68	89.92 3.27 -5.03	110.39 3.10 -24.80	87.11 2.38 -20.22	78.97 3.03 -4.95	121.63 3.71 -37.33	148.37 5.55 -31.36	133.57 5.76 -10.31	133.95 1.92 -90.62	85.78 2.49 -28.61	64.41 2.42 -8.42	70.08 2.76 -1.76	129.35 2.80 -50.18
ETNA_115_KV_TB1_REV_LBMP_C 345029	104.38 0.27 0.00	47.21 0.24 0.00	41.97 0.21 0.00	69.73 0.48 0.00	56.73 0.38 0.00	64.97 0.53 0.00	86.57 0.78 -0.10	64.87 0.61 -4.32	65.26 0.71 -4.96	104.89 1.55 -2.81	113.95 1.40 -0.57	101.57 1.07 -1.92	82.98 0.92 -0.43	85.25 0.83 -1.93	66.79 0.55 -1.74	72.15 0.73 -0.42	84.45 1.16 -2.71	115.80 1.93 -2.40	120.22 1.85 -0.88	49.51 0.55 -7.56	57.80 0.67 -2.46	54.88 0.60 -0.72	66.10 0.47 -0.08	79.03 0.46 -2.20
ETNA____115KV_TB2 80207	104.38 0.27 0.00	47.21 0.24 0.00	41.97 0.21 0.00	69.73 0.48 0.00	56.73 0.38 0.00	64.97 0.53 0.00	86.57 0.78 -0.10	64.87 0.61 -4.32	65.26 0.71 -4.96	104.89 1.55 -2.81	113.95 1.40 -0.57	101.57 1.07 -1.92	82.98 0.92 -0.43	85.25 0.83 -1.93	66.79 0.55 -1.74	72.15 0.73 -0.42	84.45 1.16 -2.71	115.80 1.93 -2.40	120.22 1.85 -0.88	49.51 0.55 -7.56	57.80 0.67 -2.46	54.88 0.60 -0.72	66.10 0.47 -0.08	79.03 0.46 -2.20
EUCLID____115KV_TB2 356179	100.72 -3.40 0.00	45.54 -1.42 0.00	40.50 -1.26 0.00	67.24 -2.01 0.00	54.68 -1.67 0.00	62.56 -1.88 0.00	83.20 -2.48 0.00	58.22 -1.72 0.00	57.93 -1.66 0.00	97.86 -2.66 0.00	108.98 -3.01 0.00	95.84 -2.75 0.00	79.43 -2.20 0.00	80.24 -2.25 0.00	62.71 -1.80 0.00	69.10 -1.90 0.00	78.59 -1.99 0.00	108.83 -2.64 0.00	114.55 -2.94 0.00	40.39 -1.11 -0.09	53.15 -1.53 0.00	52.08 -1.48 0.00	63.60 -1.95 0.00	74.16 -2.21 0.00
E_CANADA_CAP_HY 24051	109.21 5.10 0.00	49.19 2.22 0.00	43.73 1.98 0.00	72.68 3.42 0.00	59.15 2.79 0.00	67.66 3.21 0.00	92.89 4.20 -3.00	190.23 2.95 -127.34	208.55 2.82 -146.13	187.65 4.27 -82.85	133.40 4.75 -16.67	133.97 4.06 -31.33	91.43 3.45 -6.35	117.38 3.40 -31.49	92.75 2.71 -25.54	80.72 3.47 -6.25	132.47 4.34 -47.54	157.62 6.31 -39.84	137.11 6.59 -13.03	160.04 2.19 -116.44	93.68 2.87 -36.14	67.08 2.88 -10.64	71.29 3.45 -2.29	145.07 3.66 -65.04
E_CANADA_MHWK_HY 24050	107.37 3.26 0.00	48.65 1.69 0.00	43.26 1.50 0.00	71.67 2.42 0.00	58.45 2.10 0.00	67.17 2.73 0.00	89.24 3.56 0.00	62.77 2.83 0.00	62.51 2.92 0.00	104.88 4.36 0.00	116.89 4.90 0.00	103.06 4.48 0.00	85.33 3.70 0.00	86.21 3.72 0.00	67.41 2.91 0.00	74.38 3.38 0.00	84.97 4.39 0.00	117.66 6.19 0.00	123.79 6.30 0.00	43.68 2.27 0.00	57.57 2.89 0.00	56.30 2.74 0.00	68.58 3.03 0.00	79.97 3.60 0.00
E_FISHKILL____LBMP 23776	108.62 4.51 0.00	49.31 2.35 0.00	43.89 2.13 0.00	72.61 3.35 0.00	59.08 2.73 0.00	67.65 3.21 0.00	90.51 4.48 -0.35	78.06 3.44 -14.68	79.85 3.40 -16.85	115.69 5.61 -9.55	120.68 6.77 -1.92	112.22 6.01 -7.63	88.54 5.16 -1.75	95.25 5.07 -7.69	81.07 3.97 -12.59	88.98 4.35 -13.64	108.98 5.03 -23.37	132.63 7.37 -13.78	129.23 7.69 -4.05	81.56 2.75 -37.40	72.94 3.58 -14.69	60.98 3.43 -3.99	69.62 3.80 -0.26	88.18 4.29 -7.52
FALCON____SEABRD_CC1 323796	106.49 2.37 0.00	47.92 0.96 0.00	42.38 0.63 0.00	70.28 1.03 0.00	57.18 0.83 0.00	65.37 0.92 0.00	86.83 1.15 0.00	60.77 0.82 0.00	60.25 0.66 0.00	101.43 0.91 0.00	112.68 0.70 0.00	99.23 0.64 0.00	82.01 0.39 0.00	82.94 0.45 0.00	64.95 0.44 0.00	71.25 0.26 0.00	80.99 0.40 0.00	111.74 0.27 0.00	117.71 0.21 0.00	41.57 0.16 0.00	54.91 0.24 0.00	53.79 0.22 0.00	65.96 0.41 0.00	76.78 0.41 0.00

FALCON___SEABRD_CC2 323797	106.49 2.37 0.00	47.92 0.96 0.00	42.38 0.63 0.00	70.28 1.03 0.00	57.18 0.83 0.00	65.37 0.92 0.00	86.83 1.15 0.00	60.77 0.82 0.00	60.25 0.66 0.00	101.43 0.91 0.00	112.68 0.70 0.00	99.23 0.64 0.00	82.01 0.39 0.00	82.94 0.45 0.00	64.95 0.44 0.00	71.25 0.26 0.00	80.99 0.40 0.00	111.74 0.27 0.00	117.71 0.21 0.00	41.57 0.16 0.00	54.91 0.24 0.00	53.79 0.22 0.00	65.96 0.41 0.00	76.78 0.41 0.00
FAR ROCKAWAY___4 23548	112.14 8.02 0.00	50.86 3.90 0.00	45.21 3.46 0.00	74.75 5.49 0.00	60.73 4.38 0.00	69.60 5.16 0.00	93.14 7.12 -0.34	79.71 5.35 -14.42	81.41 5.27 -16.54	118.17 8.26 -9.38	123.72 9.85 -1.89	115.12 9.05 -7.49	94.65 8.01 -5.01	98.27 7.78 -7.99	102.30 6.45 -31.35	131.83 7.18 -53.65	172.27 7.90 -83.78	167.19 10.93 -44.79	195.34 11.61 -66.23	140.04 4.29 -94.34	100.43 5.65 -40.10	84.26 5.42 -25.27	71.87 6.05 -0.26	106.48 7.13 -22.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	109.09 4.98 0.00	49.61 2.64 0.00	44.18 2.42 0.00	72.96 3.71 0.00	59.40 3.05 0.00	68.04 3.60 0.00	91.07 5.04 -0.34	78.33 3.97 -14.41	80.16 4.02 -16.54	116.43 6.53 -9.38	121.82 7.95 -1.89	113.11 7.03 -7.49	89.46 6.11 -1.72	96.02 5.93 -7.59	94.58 4.60 -25.47	117.55 4.96 -41.59	139.27 5.72 -52.98	143.37 8.34 -23.55	131.16 8.63 -5.04	97.51 3.07 -53.03	84.26 4.03 -25.56	63.80 3.82 -6.41	70.01 4.19 -0.26	88.48 4.67 -7.44
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	109.14 5.03 0.00	49.64 2.68 0.00	44.18 2.42 0.00	72.99 3.74 0.00	59.43 3.08 0.00	68.06 3.62 0.00	91.09 5.07 -0.34	78.36 4.00 -14.41	80.18 4.04 -16.54	116.48 6.57 -9.38	121.87 7.99 -1.89	113.15 7.07 -7.49	89.50 6.15 -1.72	96.06 5.97 -7.59	94.62 4.64 -25.47	117.59 5.00 -41.59	139.31 5.75 -52.98	143.43 8.40 -23.55	131.23 8.71 -5.04	97.53 3.10 -53.03	84.30 4.07 -25.56	63.85 3.87 -6.41	70.05 4.24 -0.26	88.53 4.72 -7.44
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	109.03 4.92 0.00	49.59 2.62 0.00	44.14 2.38 0.00	72.92 3.67 0.00	59.37 3.02 0.00	67.99 3.55 0.00	91.00 4.98 -0.34	78.30 3.94 -14.41	80.12 3.98 -16.54	116.37 6.47 -9.38	121.76 7.90 -1.89	113.05 6.98 -7.49	89.42 6.07 -1.72	95.97 5.89 -7.59	94.55 4.57 -25.47	117.52 4.93 -41.59	139.21 5.65 -52.98	143.31 8.28 -23.55	131.09 8.56 -5.04	97.48 3.05 -53.03	84.23 4.00 -25.56	63.77 3.80 -6.41	69.98 4.17 -0.26	88.43 4.62 -7.44
FARRAGUT___LBMP 323566	108.96 4.85 0.00	49.56 2.59 0.00	44.11 2.35 0.00	72.88 3.63 0.00	59.35 2.99 0.00	67.94 3.50 0.00	90.92 4.90 -0.34	78.24 4.90 -14.41	80.06 3.93 -16.54	116.28 6.37 -9.38	121.64 7.77 -1.89	112.95 6.88 -7.49	89.33 5.98 -1.72	95.89 5.81 -7.59	94.48 4.51 -25.47	117.45 4.86 -41.59	139.13 5.57 -52.98	143.20 8.17 -23.55	130.98 8.45 -5.04	97.45 3.01 -53.03	84.19 3.95 -25.56	63.73 3.76 -6.41	69.92 4.11 -0.26	88.38 4.57 -7.44
FENNER___WINDPWR 24204	105.38 1.26 0.00	47.70 0.74 0.00	42.41 0.65 0.00	70.37 1.11 0.00	57.33 0.97 0.00	65.64 1.20 0.00	87.41 1.73 0.00	61.27 1.33 0.00	61.02 1.43 0.00	103.09 2.57 0.00	114.56 2.57 0.00	100.50 1.91 0.00	83.17 1.55 0.00	84.14 1.65 0.00	65.77 1.27 0.00	72.38 1.38 0.00	82.56 1.98 0.00	114.32 2.84 0.00	120.38 2.89 0.00	42.46 0.92 -0.13	55.82 1.15 0.00	54.65 1.09 0.00	66.69 1.13 0.00	77.61 1.24 0.00
FIBERTEK___ENERGY 23856	101.84 -2.28 0.00	46.04 -0.93 0.00	40.92 -0.84 0.00	67.94 -1.31 0.00	55.27 -1.08 0.00	63.27 -1.17 0.00	84.20 -1.49 0.00	58.95 -1.00 0.00	58.65 -0.95 0.00	99.13 -1.40 0.00	110.32 -1.66 0.00	97.04 -1.55 0.00	80.42 -1.21 0.00	81.23 -1.26 0.00	63.47 -1.03 0.00	69.95 -1.05 0.00	79.59 -0.99 0.00	110.32 -1.16 0.00	116.07 -1.42 0.00	40.97 -0.55 -0.11	53.88 -0.80 0.00	52.76 -0.81 0.00	64.40 -1.16 0.00	75.03 -1.34 0.00
FITZPATRICK____ 23598	99.48 -4.64 0.00	44.96 -2.00 0.00	39.97 -1.78 0.00	66.35 -2.90 0.00	53.97 -2.39 0.00	61.75 -2.69 0.00	82.08 -3.60 0.00	57.41 -2.53 0.00	57.13 -2.47 0.00	96.46 -4.07 0.00	107.38 -4.61 0.00	94.47 -4.11 0.00	78.27 -3.36 0.00	79.10 -3.40 0.00	61.83 -2.68 0.00	68.10 -2.90 0.00	77.43 -3.16 0.00	107.18 -4.30 0.00	112.82 -4.67 0.00	39.79 -1.68 -0.07	52.40 -2.27 0.00	51.37 -2.20 0.00	62.78 -2.77 0.00	73.18 -3.19 0.00
FLOWRFLD_69_KV_BK1 356044	113.47 9.33 -0.03	51.43 4.46 -0.01	45.70 3.93 -0.01	75.56 6.30 -0.01	61.41 5.05 0.00	70.31 5.87 0.00	94.12 8.10 -0.34	80.42 6.06 -14.42	82.08 5.94 -16.54	119.03 9.13 -9.38	124.84 10.97 -1.89	116.09 10.01 -7.49	102.29 8.80 -11.86	98.96 8.61 -7.87	124.66 7.19 -52.96	177.32 8.25 -98.07	278.02 9.36 -188.07	162.54 13.36 -37.71	181.67 13.86 -50.32	245.78 4.90 -199.47	153.26 6.58 -92.02	145.94 6.35 -86.03	72.86 7.04 -0.28	145.49 8.25 -60.87
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	110.41 6.30 0.00	50.12 3.15 0.00	44.59 2.84 0.00	73.80 4.55 0.00	60.08 3.73 0.00	68.84 4.39 0.00	92.19 6.14 -0.36	79.99 4.64 -15.40	81.91 4.63 -17.68	118.18 7.63 -10.02	122.96 8.96 -2.02	114.04 7.76 -7.69	89.91 6.53 -1.76	96.63 6.40 -7.73	76.62 5.04 -7.07	78.34 5.62 -1.73	98.01 6.64 -10.79	130.85 9.75 -9.62	131.28 10.18 -3.61	75.65 3.61 -30.64	69.37 4.69 -10.01	60.98 4.47 -2.95	70.84 5.00 -0.28	89.87 5.64 -7.86
FORT ORANGE____ 23900	108.77 4.66 0.00	49.28 2.31 0.00	43.82 2.06 0.00	72.60 3.34 0.00	59.13 2.78 0.00	67.73 3.28 0.00	91.54 4.12 -1.74	136.39 2.72 -73.72	146.82 2.62 -84.61	152.72 4.23 -47.97	126.69 5.05 -9.65	123.76 4.46 -20.72	89.62 3.66 -4.33	106.95 3.63 -20.83	84.71 2.78 -17.43	77.84 2.57 -4.27	114.60 3.14 -30.87	141.95 4.22 -26.26	130.81 4.43 -8.89	121.30 1.64 -78.25	81.48 2.14 -24.67	63.00 2.18 -7.26	69.52 2.64 -1.32	118.11 4.07 -37.66
FORT_DRUM_COGEN 23780	106.44 2.32 0.00	47.96 0.99 0.00	42.57 0.82 0.00	70.64 1.39 0.00	57.52 1.17 0.00	65.84 1.40 0.00	87.78 2.10 0.00	61.70 1.75 0.00	61.56 1.96 0.00	104.16 3.63 0.00	115.73 3.74 0.00	101.59 3.01 0.00	83.91 2.28 0.00	84.74 2.25 0.00	66.15 1.64 0.00	73.05 2.05 0.00	83.38 2.80 0.00	115.52 4.04 0.00	121.43 3.94 0.00	42.70 1.24 -0.06	56.00 1.33 0.00	54.83 1.26 0.00	66.89 1.34 0.00	77.68 1.31 0.00
FOX_HILLS___ESR 323835	109.08 4.97 0.00	55.10 2.87 -5.26	52.41 2.70 -7.96	72.98 3.73 0.00	59.33 2.98 0.00	67.91 3.47 0.00	90.80 4.78 -0.34	78.15 3.79 -14.41	80.08 3.94 -16.54	97.14 6.28 9.67	110.83 7.32 8.47	86.48 6.51 18.61	66.98 5.94 20.59	62.51 5.67 25.65	62.18 4.35 6.68	70.75 4.59 4.83	95.82 5.18 -10.06	141.02 7.73 -21.82	130.87 8.34 -5.03	83.94 3.16 -39.37	79.48 4.16 -20.65	63.90 3.93 -6.41	70.19 4.38 -0.26	68.74 4.81 12.44
FPL FAR_ROCK_GT1 24212	112.14 8.02 0.00	50.86 3.90 0.00	45.21 3.45 0.00	74.74 5.49 0.00	60.74 4.38 0.00	69.60 5.16 0.00	93.12 7.10 -0.34	79.71 5.35 -14.42	81.40 5.27 -16.54	118.13 8.22 -9.38	123.70 9.83 -1.89	115.12 9.04 -7.49	94.65 8.01 -5.01	98.24 7.76 -7.99	102.30 6.44 -31.35	131.82 7.17 -53.65	172.27 7.90 -83.78	167.18 10.92 -44.79	195.34 11.61 -66.23	140.03 4.29 -94.34	100.43 5.65 -40.10	84.26 5.42 -25.27	71.86 6.04 -0.26	106.47 7.13 -22.97

FPL FAR_ROCK_GT2 23815	112.14 8.02 0.00	50.86 3.90 0.00	45.21 3.45 0.00	74.74 5.49 0.00	60.74 4.38 0.00	69.60 5.16 0.00	93.12 7.10 -0.34	79.71 5.35 -14.42	81.40 5.27 -16.54	118.13 8.22 -9.38	123.70 9.83 -1.89	115.12 9.04 -7.49	94.65 8.01 -5.01	98.24 7.76 -7.99	102.30 6.44 -31.35	131.82 7.17 -53.65	172.27 7.90 -83.78	167.18 10.92 -44.79	195.34 11.61 -66.23	140.03 4.29 -94.34	100.43 5.65 -40.10	84.26 5.42 -25.27	71.86 6.04 -0.26	106.47 7.13 -22.97
FRANKLIN_FALL_HYD 24054	107.33 3.21 0.00	48.23 1.26 0.00	42.82 1.07 0.00	71.08 1.83 0.00	57.80 1.45 0.00	65.97 1.53 0.00	87.59 1.90 0.00	61.24 1.30 0.00	60.81 1.21 0.00	102.54 2.01 0.00	113.76 1.78 0.00	100.11 1.52 0.00	82.69 1.07 0.00	83.62 1.13 0.00	65.50 0.99 0.00	71.77 0.77 0.00	81.62 1.04 0.00	112.78 1.31 0.00	118.98 1.49 0.00	41.95 0.55 0.00	55.41 0.74 0.00	54.30 0.74 0.00	66.72 1.16 0.00	77.67 1.30 0.00
FREEPORT_EQUS_GT1 23764	111.53 7.40 -0.01	50.61 3.64 0.00	44.98 3.21 0.00	74.35 5.09 0.00	60.44 4.09 0.00	69.17 4.73 0.00	92.58 6.55 -0.34	79.32 4.96 -14.42	81.04 4.90 -16.54	117.32 7.41 -9.38	122.11 8.24 -1.89	114.02 7.94 -7.49	97.51 7.22 -8.65	97.37 6.94 -7.94	113.02 5.78 -42.73	154.29 6.26 -77.04	226.37 7.05 -138.73	163.19 10.03 -41.68	187.45 10.34 -59.62	195.19 3.77 -150.01	127.09 4.98 -67.44	115.82 4.95 -57.31	71.50 5.68 -0.26	126.19 6.65 -43.16
FREEPORT___CT2 23818	111.53 7.40 -0.01	50.61 3.64 0.00	44.98 3.21 0.00	74.35 5.09 0.00	60.44 4.09 0.00	69.17 4.73 0.00	92.58 6.55 -0.34	79.32 4.96 -14.42	81.04 4.90 -16.54	117.32 7.41 -9.38	122.11 8.24 -1.89	114.02 7.94 -7.49	97.51 7.22 -8.65	97.37 6.94 -7.94	113.02 5.78 -42.73	154.29 6.26 -77.04	226.37 7.05 -138.73	163.19 10.03 -41.68	187.45 10.34 -59.62	195.19 3.77 -150.01	127.09 4.98 -67.44	115.82 4.95 -57.31	71.50 5.68 -0.26	126.19 6.65 -43.16
FRESHKLS_33_KV_LOAD 356253	108.95 4.84 0.00	55.14 2.91 -5.26	52.48 2.77 -7.96	72.93 3.68 0.00	59.24 2.89 0.00	67.79 3.35 0.00	90.64 4.61 -0.34	78.02 3.67 -14.41	79.95 3.81 -16.54	96.86 6.01 9.67	110.50 6.99 8.47	86.20 6.23 18.61	66.68 5.64 20.59	62.52 5.41 25.38	62.31 4.13 6.32	70.55 4.38 4.83	95.64 5.01 -10.06	140.89 7.59 -21.82	130.75 8.22 -5.03	85.36 3.09 -40.86	79.94 4.08 -21.18	63.83 3.85 -6.41	70.11 4.29 -0.26	68.63 4.70 12.44
FULTON COGEN____ 23766	100.05 -4.07 0.00	45.24 -1.73 0.00	40.22 -1.54 0.00	66.77 -2.49 0.00	54.31 -2.03 0.00	62.16 -2.28 0.00	82.73 -2.95 0.00	57.92 -2.02 0.00	57.62 -1.98 0.00	97.33 -3.20 0.00	108.40 -3.58 0.00	95.37 -3.22 0.00	79.06 -2.57 0.00	79.86 -2.63 0.00	62.42 -2.08 0.00	68.78 -2.21 0.00	78.21 -2.37 0.00	108.32 -3.15 0.00	114.02 -3.47 0.00	40.20 -1.30 -0.09	52.87 -1.80 0.00	51.79 -1.77 0.00	63.22 -2.34 0.00	73.71 -2.66 0.00
FULTON___LFGE 323630	110.31 6.19 0.00	49.73 2.76 0.00	44.22 2.46 0.00	73.42 4.17 0.00	59.78 3.42 0.00	68.49 4.05 0.00	94.44 5.47 -3.28	203.30 3.96 -139.40	223.40 3.82 -159.98	197.00 5.77 -90.71	136.46 6.23 -18.25	138.03 5.36 -34.08	92.94 4.41 -6.90	121.07 4.32 -34.26	95.72 3.47 -27.75	82.29 4.51 -6.79	138.14 5.78 -51.78	163.24 8.42 -43.35	140.46 8.82 -14.15	170.83 3.01 -126.41	97.84 3.91 -39.26	68.91 3.79 -11.56	72.49 4.43 -2.50	152.44 4.87 -71.20
G.F.CEMENT___DRP 24184	111.24 7.12 0.00	50.35 3.38 0.00	44.69 2.93 0.00	74.05 4.80 0.00	60.27 3.91 0.00	69.23 4.79 0.00	95.69 6.68 -3.33	206.10 4.95 -141.21	226.71 5.05 -162.06	200.68 8.27 -91.88	139.77 9.30 -18.48	141.58 8.21 -34.77	95.66 6.98 -7.05	124.71 7.26 -34.96	98.56 5.69 -28.36	84.52 6.58 -6.94	141.12 7.76 -52.77	166.49 10.79 -44.22	143.01 11.05 -14.46	174.24 3.91 -128.92	99.92 5.11 -40.13	70.22 4.84 -11.81	73.73 5.64 -2.54	154.95 6.45 -72.13
GARDENVILLE___LBMP 24039	95.55 -8.57 0.00	43.46 -3.50 0.00	38.67 -3.09 0.00	64.87 -4.38 0.00	52.18 -4.17 0.00	59.34 -5.09 0.00	78.15 -7.53 0.00	53.97 -5.98 0.00	53.80 -5.79 0.00	90.97 -9.56 0.00	100.99 -10.99 0.00	89.69 -10.07 -1.18	74.00 -7.91 -0.29	75.42 -8.23 -1.15	59.09 -6.62 -1.20	64.61 -6.68 -0.29	74.65 -7.45 -1.52	102.56 -10.36 -1.45	106.35 -11.75 -0.61	41.70 -4.60 -4.90	50.42 -5.95 -1.70	48.58 -5.48 -0.50	58.92 -6.63 0.00	69.47 -6.90 0.00
GARDNVLA_35_KV_LD 355827	96.02 -8.10 0.00	43.67 -3.30 0.00	38.84 -2.92 0.00	65.18 -4.07 0.00	52.43 -3.92 0.00	59.62 -4.82 0.00	78.54 -7.14 0.00	54.26 -5.68 0.00	54.10 -5.49 0.00	91.48 -9.04 0.00	101.54 -10.44 0.00	90.19 -9.58 -1.19	74.44 -7.48 -0.29	75.84 -7.82 -1.17	59.45 -6.26 -1.21	64.98 -6.31 -0.30	75.10 -7.01 -1.53	103.17 -9.76 -1.46	107.02 -11.09 -0.62	41.97 -4.38 -4.94	50.72 -5.67 -1.71	48.85 -5.22 -0.51	59.23 -6.33 0.00	69.80 -6.57 0.00
GELCKHM___115KV_LOAD 80723	101.16 -2.96 0.00	45.75 -1.22 0.00	40.66 -1.09 0.00	67.53 -1.72 0.00	54.91 -1.43 0.00	62.86 -1.58 0.00	83.59 -2.09 0.00	58.51 -1.43 0.00	58.23 -1.37 0.00	98.36 -2.17 0.00	109.52 -2.46 0.00	96.32 -2.27 0.00	79.83 -1.79 0.00	80.63 -1.86 0.00	63.02 -1.49 0.00	69.44 -1.56 0.00	79.00 -1.58 0.00	109.42 -2.05 0.00	115.14 -2.35 0.00	40.63 -0.88 -0.10	53.44 -1.23 0.00	52.34 -1.22 0.00	63.93 -1.62 0.00	74.49 -1.88 0.00
GENERAL___MILLS 23808	95.88 -8.24 0.00	43.60 -3.36 0.00	38.79 -2.97 0.00	65.08 -4.17 0.00	52.36 -3.99 0.00	59.54 -4.90 0.00	78.43 -7.25 0.00	54.16 -5.79 0.00	53.99 -5.60 0.00	91.30 -9.22 0.00	101.33 -10.65 0.00	90.04 -9.74 -1.19	74.28 -7.64 -0.29	75.70 -7.95 -1.17	59.33 -6.38 -1.21	64.85 -6.44 -0.30	74.94 -7.17 -1.53	102.93 -10.00 -1.46	106.76 -11.35 -0.62	41.88 -4.46 -4.93	50.61 -5.77 -1.71	48.75 -5.32 -0.50	59.13 -6.42 0.00	69.72 -6.65 0.00
GE_PLASTICS___DRP 24183	107.59 3.48 0.00	48.72 1.76 0.00	43.33 1.58 0.00	71.77 2.51 0.00	58.46 2.11 0.00	66.93 2.49 0.00	90.41 3.29 -1.43	122.93 2.33 -60.66	131.52 2.30 -69.62	143.73 3.73 -39.47	124.33 4.40 -7.94	120.58 3.96 -18.04	88.77 3.33 -3.82	103.93 3.30 -18.14	82.42 2.55 -15.36	77.25 2.50 -3.76	110.17 2.89 -26.69	138.23 3.93 -22.83	129.44 4.11 -7.83	111.55 1.51 -68.63	78.40 1.99 -21.73	61.93 1.96 -6.40	68.99 2.35 -1.09	110.50 3.14 -30.99
GILBOA___1 23756	106.66 2.54 0.00	48.30 1.34 0.00	42.97 1.21 0.00	71.21 1.96 0.00	58.14 1.78 0.00	66.54 2.10 0.00	88.45 2.56 -0.21	70.36 1.69 -8.73	71.29 1.68 -10.02	108.89 2.68 -5.68	116.35 3.22 -1.14	108.01 3.17 -6.25	85.85 2.75 -1.48	91.46 2.67 -6.30	72.56 2.09 -5.96	74.74 2.29 -1.46	91.66 2.49 -8.58	122.63 3.35 -7.80	124.05 3.52 -3.04	68.23 1.34 -25.49	64.87 1.76 -8.43	57.80 1.75 -2.48	67.77 2.05 -0.16	83.24 2.41 -4.47
GILBOA___2 23757	106.66 2.54 0.00	48.30 1.34 0.00	42.97 1.21 0.00	71.21 1.96 0.00	58.14 1.78 0.00	66.54 2.10 0.00	88.45 2.56 -0.21	70.36 1.69 -8.73	71.29 1.68 -10.02	108.89 2.68 -5.68	116.35 3.22 -1.14	108.01 3.17 -6.25	85.85 2.75 -1.48	91.46 2.67 -6.30	72.56 2.09 -5.96	74.74 2.29 -1.46	91.66 2.49 -8.58	122.63 3.35 -7.80	124.05 3.52 -3.04	68.23 1.34 -25.49	64.87 1.76 -8.43	57.80 1.75 -2.48	67.77 2.05 -0.16	83.24 2.41 -4.47

GILBOA___3 23758	106.66 2.54 0.00	48.30 1.34 0.00	42.97 1.21 0.00	71.21 1.96 0.00	58.14 1.78 0.00	66.54 2.10 0.00	88.45 2.56 -0.21	70.36 1.69 -8.73	71.29 1.68 -10.02	108.89 2.68 -5.68	116.35 3.22 -1.14	108.01 3.17 -6.25	85.85 2.75 -1.48	91.46 2.67 -6.30	72.56 2.09 -5.96	74.74 2.29 -1.46	91.66 2.49 -8.58	122.63 3.35 -7.80	124.05 3.52 -3.04	68.23 1.34 -25.49	64.87 1.76 -8.43	57.80 1.75 -2.48	67.77 2.05 -0.16	83.24 2.41 -4.47
GILBOA___4 23759	106.66 2.54 0.00	48.30 1.34 0.00	42.97 1.21 0.00	71.21 1.96 0.00	58.14 1.78 0.00	66.54 2.10 0.00	88.45 2.56 -0.21	70.36 1.69 -8.73	71.29 1.68 -10.02	108.89 2.68 -5.68	116.35 3.22 -1.14	108.01 3.17 -6.25	85.85 2.75 -1.48	91.46 2.67 -6.30	72.56 2.09 -5.96	74.74 2.29 -1.46	91.66 2.49 -8.58	122.63 3.35 -7.80	124.05 3.52 -3.04	68.23 1.34 -25.49	64.87 1.76 -8.43	57.80 1.75 -2.48	67.77 2.05 -0.16	83.24 2.41 -4.47
GILBOA___ 23599	106.66 2.55 0.00	48.30 1.34 0.00	42.97 1.21 0.00	71.22 1.96 0.00	58.14 1.78 0.00	66.54 2.10 0.00	88.45 2.56 -0.21	70.37 1.70 -8.73	71.30 1.69 -10.02	108.91 2.71 -5.68	116.35 3.23 -1.14	107.99 3.15 -6.25	85.85 2.75 -1.48	91.47 2.68 -6.30	72.55 2.09 -5.96	74.74 2.29 -1.46	91.65 2.49 -8.58	122.63 3.35 -7.80	124.05 3.52 -3.04	68.24 1.35 -25.49	64.87 1.76 -8.43	57.80 1.75 -2.48	67.76 2.05 -0.16	83.25 2.41 -4.47
GINNA___ 23603	94.07 -10.05 0.00	42.65 -4.32 0.00	37.94 -3.82 0.00	63.29 -5.96 0.00	51.23 -5.12 0.00	58.52 -5.92 0.00	77.61 -8.08 0.00	54.07 -5.88 0.00	53.93 -5.67 0.00	91.21 -9.32 0.00	101.47 -10.52 0.00	89.06 -9.53 0.00	73.89 -7.74 0.00	74.72 -7.78 0.00	58.35 -6.16 0.00	64.57 -6.42 0.00	73.57 -7.01 0.00	101.70 -9.78 0.00	106.84 -10.65 0.00	37.51 -4.03 -0.13	49.27 -5.41 0.00	48.40 -5.17 0.00	59.17 -6.39 0.00	69.25 -7.12 0.00
GLEN PARK___ 23778	106.79 2.68 0.00	48.11 1.14 0.00	42.71 0.95 0.00	70.85 1.60 0.00	57.71 1.36 0.00	66.09 1.65 0.00	88.13 2.44 0.00	61.98 2.04 0.00	61.84 2.25 0.00	104.68 4.15 0.00	116.27 4.29 0.00	102.04 3.46 0.00	84.27 2.64 0.00	85.09 2.59 0.00	66.44 1.94 0.00	73.39 2.40 0.00	83.83 3.25 0.00	116.20 4.72 0.00	122.10 4.61 0.00	42.93 1.47 -0.06	56.30 1.63 0.00	55.09 1.53 0.00	67.16 1.60 0.00	77.96 1.59 0.00
GLENDALE_27_KV_LOAD 356172	109.57 5.46 0.00	49.84 2.88 0.00	44.38 2.62 0.00	73.25 4.00 0.00	59.65 3.30 0.00	68.33 3.88 0.00	91.43 5.41 -0.34	78.61 4.25 -14.41	80.47 4.33 -16.54	117.00 7.09 -9.38	122.49 8.61 -1.89	113.62 7.55 -7.49	90.01 6.66 -1.72	97.06 6.41 -8.15	95.65 4.97 -26.18	117.85 5.34 -41.52	139.60 6.12 -52.89	143.94 8.94 -23.53	131.83 9.31 -5.03	100.88 3.37 -56.10	85.73 4.41 -26.64	64.17 4.20 -6.41	70.49 4.67 -0.26	88.98 5.17 -7.44
GLENWOOD_IC_1_G5 23712	109.84 5.72 -0.01	50.01 3.05 0.00	44.63 2.87 0.00	73.78 4.53 0.00	59.99 3.64 0.00	68.26 3.82 0.00	91.39 5.36 -0.34	78.49 4.13 -14.42	80.27 4.13 -16.54	116.47 6.56 -9.38	121.81 7.94 -1.89	113.31 7.23 -7.49	95.76 6.36 -7.76	96.68 6.16 -8.03	108.72 5.00 -39.22	146.32 5.50 -69.83	208.89 6.26 -122.05	167.09 9.03 -46.58	199.58 9.33 -72.76	179.67 3.36 -134.91	118.12 4.40 -59.04	105.56 4.23 -47.76	70.49 4.67 -0.26	119.61 5.41 -37.84
GLENWOOD_IC_2_G1 23688	109.72 5.61 0.00	49.84 2.88 0.00	44.35 2.60 0.00	73.33 4.08 0.00	59.67 3.32 0.00	68.28 3.84 0.00	91.38 5.35 -0.34	78.47 4.11 -14.42	80.23 4.09 -16.54	116.45 6.54 -9.38	121.83 7.95 -1.89	113.27 7.20 -7.49	89.76 6.26 -1.87	96.19 6.09 -7.61	95.01 4.90 -25.60	118.22 5.38 -41.85	140.76 6.11 -54.06	144.72 8.82 -24.42	134.48 9.16 -7.83	99.46 3.30 -54.76	85.11 4.33 -26.11	64.96 4.14 -7.25	70.40 4.58 -0.26	89.79 5.26 -8.16
GLENWOOD_IC_3_G1 23689	109.72 5.61 0.00	49.84 2.88 0.00	44.35 2.60 0.00	73.33 4.08 0.00	59.67 3.32 0.00	68.28 3.84 0.00	91.38 5.35 -0.34	78.47 4.11 -14.42	80.23 4.09 -16.54	116.45 6.54 -9.38	121.83 7.95 -1.89	113.27 7.20 -7.49	89.76 6.26 -1.87	96.19 6.09 -7.61	95.01 4.90 -25.60	118.22 5.38 -41.85	140.76 6.11 -54.06	144.72 8.82 -24.42	134.48 9.16 -7.83	99.46 3.30 -54.76	85.11 4.33 -26.11	64.96 4.14 -7.25	70.40 4.58 -0.26	89.79 5.26 -8.16
GLENWOOD___4 23550	110.07 5.95 -0.01	50.07 3.11 0.00	44.63 2.87 0.00	73.78 4.53 0.00	60.00 3.65 0.00	68.41 3.97 0.00	91.60 5.58 -0.34	78.65 4.29 -14.42	80.41 4.27 -16.54	116.68 6.77 -9.38	122.06 8.19 -1.89	113.55 7.47 -7.49	95.95 6.56 -7.76	96.88 6.36 -8.03	108.87 5.14 -39.22	146.50 5.68 -69.83	209.08 6.45 -122.05	167.35 9.29 -46.58	199.85 9.60 -72.76	179.77 3.45 -134.91	118.24 4.53 -59.04	105.68 4.36 -47.76	70.62 4.80 -0.26	119.77 5.57 -37.84
GLENWOOD___5 23614	110.07 5.95 -0.01	50.07 3.11 0.00	44.63 2.87 0.00	73.78 4.53 0.00	60.00 3.65 0.00	68.41 3.97 0.00	91.60 5.58 -0.34	78.65 4.29 -14.42	80.41 4.27 -16.54	116.68 6.77 -9.38	122.06 8.19 -1.89	113.55 7.47 -7.49	95.95 6.56 -7.76	96.88 6.36 -8.03	108.87 5.14 -39.22	146.50 5.68 -69.83	209.08 6.45 -122.05	167.35 9.29 -46.58	199.85 9.60 -72.76	179.77 3.45 -134.91	118.24 4.53 -59.04	105.68 4.36 -47.76	70.62 4.80 -0.26	119.77 5.57 -37.84
GLOBAL GREEN_PORT_GT1 23814	116.23 12.09 -0.03	52.79 5.82 -0.01	46.97 5.21 -0.01	77.73 8.47 -0.01	63.25 6.90 0.00	72.53 8.09 0.00	97.32 11.29 -0.34	82.63 8.27 -14.42	84.20 8.06 -16.54	122.37 12.46 -9.38	128.50 14.63 -1.89	119.03 12.95 -7.49	104.78 11.26 -11.90	101.49 11.13 -7.87	126.89 9.31 -53.07	180.11 10.80 -98.30	279.72 10.53 -188.61	167.40 18.28 -37.65	187.01 19.34 -50.18	248.25 6.84 -200.00	156.04 9.09 -92.28	148.62 8.72 -86.34	75.64 9.81 -0.28	148.86 11.42 -61.06
GLOBE___DSASP 323697	91.29 -12.83 0.00	41.56 -5.40 0.00	37.03 -4.73 0.00	62.21 -7.05 0.00	49.92 -6.43 0.00	56.70 -7.74 0.00	74.53 -11.15 0.00	51.23 -8.71 0.00	51.00 -8.59 0.00	86.09 -14.44 0.00	95.65 -16.34 0.00	84.69 -14.98 -1.08	69.84 -12.06 -0.27	71.30 -12.27 -1.08	55.93 -9.69 -1.10	61.32 -9.94 -0.27	70.76 -11.22 -1.40	97.23 -15.58 -1.33	101.00 -17.06 -0.56	39.36 -6.56 -4.51	47.80 -8.44 -1.56	46.27 -7.75 -0.46	56.30 -9.25 0.00	66.67 -9.70 0.00
GOETHSLN___LBMP 323567	108.23 4.12 0.00	49.18 2.27 0.05	43.72 2.05 0.09	72.37 3.12 0.00	58.96 2.60 0.00	67.52 3.08 0.00	90.38 4.35 -0.34	77.84 3.49 -14.41	79.63 3.50 -16.54	90.30 5.58 15.81	94.53 6.92 24.37	98.98 6.15 5.76	87.69 5.38 -0.68	78.66 5.19 9.02	64.16 4.00 4.36	113.82 4.31 -38.51	131.03 4.99 -45.46	140.03 7.37 -21.19	130.13 7.61 -5.03	94.62 2.72 -50.50	83.82 3.59 -25.56	63.38 3.41 -6.41	69.48 3.66 -0.26	87.84 4.03 -7.44
GOLAH___69_KV_TB 1_2 80279	97.49 -6.63 0.00	44.20 -2.76 0.00	39.33 -2.43 0.00	65.74 -3.51 0.00	53.10 -3.25 0.00	60.57 -3.87 0.00	80.18 -5.50 0.00	56.69 -4.22 -0.97	61.94 -3.97 -6.31	126.51 -6.56 -32.55	129.07 -7.39 -24.47	97.83 -6.88 -6.12	78.61 -5.52 -2.50	81.63 -5.65 -4.79	60.88 -4.49 -0.87	67.57 -4.49 -1.07	101.43 -4.81 -25.66	145.29 -6.50 -40.31	152.39 -7.26 -42.16	43.49 -2.92 -5.01	52.04 -3.87 -1.23	50.34 -3.59 -0.36	61.15 -4.40 0.00	71.75 -4.62 0.00

GOODYEAR_LAKE_HYD 323669	107.70 3.59 0.00	48.68 1.72 0.00	43.30 1.55 0.00	71.89 2.64 0.00	58.58 2.23 0.00	67.09 2.65 0.00	90.32 3.62 -1.02	105.70 2.58 -43.18	111.76 2.61 -49.55	133.18 4.56 -28.09	122.58 4.95 -5.65	114.96 4.29 -12.08	87.71 3.56 -2.53	98.00 3.37 -12.14	77.21 2.55 -10.15	76.53 3.05 -2.48	102.21 3.63 -18.00	132.11 5.34 -15.30	128.21 5.54 -5.17	88.44 1.91 -45.12	71.49 2.46 -14.36	60.16 2.37 -4.23	68.97 2.64 -0.78	101.21 2.79 -22.05
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	102.86 -1.26 0.00	46.53 -0.44 0.00	41.36 -0.39 0.00	68.73 -0.52 0.00	55.91 -0.44 0.00	63.94 -0.50 0.00	85.10 -0.73 -0.14	65.47 -0.53 -6.06	66.06 -0.49 -6.95	104.24 -0.23 -3.94	112.09 -0.69 -0.79	100.68 -0.68 -2.78	81.67 -0.59 -0.63	84.66 -0.62 -2.79	66.41 -0.62 -2.52	71.00 -0.62 -0.62	83.92 -0.58 -3.91	114.30 -0.65 -3.47	117.96 -0.82 -1.29	51.95 -0.42 -10.96	57.66 -0.58 -3.57	54.07 -0.55 -1.05	64.85 -0.82 -0.11	78.53 -0.92 -3.08
GOUDEY___7 23579	102.86 -1.26 0.00	46.53 -0.44 0.00	41.36 -0.39 0.00	68.73 -0.52 0.00	55.91 -0.44 0.00	63.94 -0.50 0.00	85.10 -0.73 -0.14	65.47 -0.53 -6.06	66.06 -0.49 -6.95	104.24 -0.23 -3.94	112.09 -0.69 -0.79	100.68 -0.68 -2.78	81.67 -0.59 -0.63	84.66 -0.62 -2.79	66.41 -0.62 -2.52	71.00 -0.62 -0.62	83.92 -0.58 -3.91	114.30 -0.65 -3.47	117.96 -0.82 -1.29	51.95 -0.42 -10.96	57.66 -0.58 -3.57	54.07 -0.55 -1.05	64.85 -0.82 -0.11	78.53 -0.92 -3.08
GOUDEY___8 23580	102.86 -1.26 0.00	46.53 -0.44 0.00	41.36 -0.39 0.00	68.73 -0.52 0.00	55.91 -0.44 0.00	63.94 -0.50 0.00	85.10 -0.73 -0.14	65.47 -0.53 -6.06	66.06 -0.49 -6.95	104.24 -0.23 -3.94	112.09 -0.69 -0.79	100.68 -0.68 -2.78	81.67 -0.59 -0.63	84.66 -0.62 -2.79	66.41 -0.62 -2.52	71.00 -0.62 -0.62	83.92 -0.58 -3.91	114.30 -0.65 -3.47	117.96 -0.82 -1.29	51.95 -0.42 -10.96	57.66 -0.58 -3.57	54.07 -0.55 -1.05	64.85 -0.82 -0.11	78.53 -0.92 -3.08
GOWANUS_GT1_1 24077	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT1_2 24078	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT1_3 24079	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT1_4 24080	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT1_5 24084	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT1_6 24111	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT1_7 24112	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT1_8 24113	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT2_1 24114	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT2_2 24115	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT2_3 24116	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44

GOWANUS_GT2_4 24117	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT2_5 24118	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT2_6 24119	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT2_7 24120	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT2_8 24121	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_1 24122	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_2 24123	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_3 24124	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_4 24125	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_5 24126	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_6 24127	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_7 24128	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT3_8 24129	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
GOWANUS_GT4_1 24130	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT4_2 24131	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44

GOWANUS_GT4_3 24132	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT4_4 24133	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT4_5 24134	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT4_6 24135	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT4_7 24136	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GOWANUS_GT4_8 24137	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	138.56 6.13 -49.94	151.10 4.69 -81.90	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	334.12 3.30 -289.42	169.25 4.35 -110.22	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GREENBSH_115KV_TB3 55895	107.95 3.84 0.00	48.88 1.91 0.00	43.47 1.72 0.00	72.03 2.78 0.00	58.63 2.29 0.00	67.15 2.71 0.00	91.08 3.59 -1.80	138.82 2.53 -76.35	149.72 2.50 -87.62	154.26 4.05 -49.68	126.85 4.87 -9.99	124.21 4.34 -21.28	89.71 3.64 -4.44	107.55 3.65 -21.40	85.14 2.76 -17.88	77.85 2.48 -4.38	115.20 2.87 -31.75	142.28 3.83 -26.98	130.64 4.03 -9.12	123.21 1.50 -80.31	81.94 1.97 -25.30	62.98 1.97 -7.45	69.34 2.42 -1.37	118.83 3.45 -39.01
GREENIDGE_115KV_TB5 80291	99.85 -4.27 0.00	45.61 -1.36 0.00	40.56 -1.19 0.00	67.38 -1.87 0.00	54.69 -1.66 0.00	62.55 -1.89 0.00	83.03 -2.74 -0.08	61.47 -1.88 -3.40	61.77 -1.74 -3.91	100.02 -2.72 -2.22	108.66 -3.77 -0.44	96.89 -3.30 -1.60	79.50 -2.49 -0.37	81.41 -2.70 -1.62	63.75 -2.22 -1.46	69.28 -2.07 -0.36	80.83 -2.00 -2.26	110.03 -3.45 -2.00	113.66 -4.58 -0.75	46.37 -1.38 -6.35	54.98 -1.76 -2.07	52.47 -1.71 -0.61	63.31 -2.31 -0.06	75.40 -2.70 -1.73
GREENIDGE___3 23582	99.85 -4.27 0.00	45.61 -1.36 0.00	40.56 -1.19 0.00	67.38 -1.87 0.00	54.69 -1.66 0.00	62.55 -1.89 0.00	83.03 -2.74 -0.08	61.47 -1.88 -3.40	61.77 -1.74 -3.91	100.02 -2.72 -2.22	108.66 -3.77 -0.44	96.89 -3.30 -1.60	79.50 -2.49 -0.37	81.41 -2.70 -1.62	63.75 -2.22 -1.46	69.28 -2.07 -0.36	80.83 -2.00 -2.26	110.03 -3.45 -2.00	113.66 -4.58 -0.75	46.37 -1.38 -6.35	54.98 -1.76 -2.07	52.47 -1.71 -0.61	63.31 -2.31 -0.06	75.40 -2.70 -1.73
GREENIDGE___4 23583	99.85 -4.27 0.00	45.61 -1.36 0.00	40.57 -1.19 0.00	67.38 -1.87 0.00	54.69 -1.66 0.00	62.55 -1.89 0.00	83.04 -2.72 -0.08	61.46 -1.88 -3.41	61.78 -1.72 -3.91	100.01 -2.73 -2.22	108.61 -3.82 -0.44	96.95 -3.24 -1.60	79.47 -2.52 -0.37	81.43 -2.68 -1.62	63.75 -2.22 -1.46	69.30 -2.06 -0.36	80.82 -2.02 -2.26	110.03 -3.45 -2.00	113.70 -4.54 -0.75	46.37 -1.38 -6.35	54.97 -1.77 -2.07	52.47 -1.71 -0.61	63.31 -2.31 -0.06	75.42 -2.69 -1.73
GREENLWN_69_KV_BK 3 55738	111.42 7.28 -0.03	50.52 3.55 -0.01	44.91 3.15 -0.01	74.23 4.97 -0.01	60.26 3.91 0.00	68.92 4.48 0.00	92.16 6.13 -0.34	79.00 4.64 -14.42	80.70 4.56 -16.54	116.91 7.01 -9.38	122.71 8.84 -1.89	114.47 8.39 -7.49	100.80 7.43 -11.74	97.58 7.22 -7.87	123.05 5.98 -52.57	174.93 6.66 -97.27	274.15 7.37 -186.20	159.53 10.13 -37.93	178.81 10.44 -50.87	242.82 3.79 -197.62	150.76 5.01 -91.08	143.41 4.90 -84.94	71.29 5.46 -0.28	143.09 6.50 -60.21
GREENWD_138_KV_38B11_REV_LBMP_J 345004	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44
GRISSOM___SOLAR 323813	110.19 6.07 0.00	49.71 2.75 0.00	44.19 2.43 0.00	73.36 4.10 0.00	59.73 3.38 0.00	68.44 4.00 0.00	94.46 5.44 -3.34	205.51 3.95 -141.62	225.94 3.82 -162.53	198.46 5.79 -92.15	136.74 6.22 -18.54	138.43 5.25 -34.59	92.91 4.28 -7.00	121.46 4.20 -34.77	96.02 3.36 -28.15	82.35 4.46 -6.89	138.90 5.76 -52.55	163.82 8.35 -44.00	140.59 8.74 -14.36	172.66 3.01 -128.24	98.41 3.90 -39.84	69.07 3.78 -11.73	72.51 4.41 -2.54	153.57 4.87 -72.33
GROVEVILLE___HYD 323602	110.41 6.30 0.00	50.12 3.15 0.00	44.59 2.84 0.00	73.80 4.55 0.00	60.08 3.73 0.00	68.84 4.39 0.00	92.19 6.14 -0.36	79.99 4.64 -15.40	81.91 4.63 -17.68	118.18 7.63 -10.02	122.96 8.96 -2.02	114.04 7.76 -7.69	89.91 6.53 -1.76	96.63 6.40 -7.73	76.62 5.04 -7.07	78.34 5.62 -1.73	98.01 6.64 -10.79	130.85 9.75 -9.62	131.28 10.18 -3.61	75.65 3.61 -30.64	69.37 4.69 -10.01	60.98 4.47 -2.95	70.84 5.00 -0.28	89.87 5.64 -7.86
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	101.84 -2.28 0.00	46.04 -0.93 0.00	40.92 -0.84 0.00	67.94 -1.31 0.00	55.27 -1.08 0.00	63.27 -1.17 0.00	84.20 -1.49 0.00	58.95 -1.00 0.00	58.65 -0.95 0.00	99.13 -1.40 0.00	110.32 -1.66 0.00	97.04 -1.55 0.00	80.42 -1.21 0.00	81.23 -1.26 0.00	63.47 -1.03 0.00	69.95 -1.05 0.00	79.59 -0.99 0.00	110.32 -1.16 0.00	116.07 -1.42 0.00	40.97 -0.55 -0.11	53.88 -0.80 0.00	52.76 -0.81 0.00	64.40 -1.16 0.00	75.03 -1.34 0.00

HAMLTNNY_34_KV_TB 80303	101.67 -2.45 0.00	45.97 -1.00 0.00	40.86 -0.89 0.00	67.89 -1.36 0.00	55.20 -1.15 0.00	63.19 -1.25 0.00	84.06 -1.63 0.00	58.88 -1.07 0.00	58.62 -0.98 0.00	99.10 -1.43 0.00	110.22 -1.76 0.00	96.99 -1.60 0.00	80.38 -1.24 0.00	81.17 -1.32 0.00	63.41 -1.10 0.00	69.93 -1.06 0.00	79.58 -1.00 0.00	110.30 -1.18 0.00	116.03 -1.47 0.00	40.98 -0.55 -0.12	53.88 -0.79 0.00	52.78 -0.79 0.00	64.40 -1.15 0.00	74.98 -1.39 0.00
HAMPSHIRE___PAPER_HYD 323593	104.87 0.76 0.00	47.14 0.17 0.00	41.88 0.12 0.00	69.44 0.19 0.00	56.50 0.15 0.00	64.43 -0.01 0.00	85.58 -0.10 0.00	59.90 -0.04 0.00	59.59 -0.01 0.00	100.60 0.07 0.00	111.71 -0.28 0.00	98.16 -0.43 0.00	81.12 -0.51 0.00	82.02 -0.47 0.00	64.16 -0.35 0.00	70.63 -0.36 0.00	80.36 -0.22 0.00	111.25 -0.22 0.00	117.18 -0.31 0.00	41.26 -0.17 -0.03	54.33 -0.34 0.00	53.25 -0.32 0.00	65.37 -0.19 0.00	76.24 -0.13 0.00
HARDSCRABBLE_WT_PWR 323673	106.97 2.85 0.00	48.45 1.49 0.00	43.06 1.31 0.00	71.38 2.13 0.00	58.18 1.83 0.00	66.83 2.39 0.00	88.78 3.09 0.00	62.40 2.45 0.00	62.11 2.52 0.00	104.37 3.84 0.00	116.34 4.35 0.00	102.54 3.96 0.00	84.91 3.29 0.00	85.79 3.30 0.00	67.07 2.57 0.00	73.96 2.97 0.00	84.38 3.80 0.00	116.85 5.38 0.00	122.98 5.48 0.00	43.37 1.96 0.00	57.17 2.50 0.00	55.88 2.32 0.00	68.10 2.54 0.00	79.34 2.97 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	108.65 4.54 0.00	49.34 2.38 0.00	43.92 2.16 0.00	72.63 3.37 0.00	59.12 2.77 0.00	67.75 3.31 0.00	90.64 4.64 -0.32	77.11 3.57 -13.60	78.71 3.51 -15.60	115.30 5.93 -8.85	120.93 7.17 -1.78	111.86 6.23 -7.04	88.53 5.28 -1.62	94.44 4.99 -6.96	46.93 3.72 21.29	16.99 4.11 58.12	31.62 4.83 53.79	106.25 7.25 12.47	126.12 7.58 -1.04	37.51 2.67 6.56	43.71 3.47 14.44	54.28 3.31 2.59	69.38 3.59 -0.24	87.15 3.99 -6.79
HARSNRAD_115KV_TB1 81005	92.12 -12.00 0.00	41.90 -5.06 0.00	37.32 -4.44 0.00	62.69 -6.56 0.00	50.35 -6.00 0.00	57.20 -7.24 0.00	75.20 -10.49 0.00	27.96 -8.04 23.94	-103.67 -7.74 155.53	-713.97 -12.93 801.57	-505.39 -14.69 602.68	-43.55 -13.41 128.73	14.62 -10.83 56.18	-24.76 -11.09 96.16	56.87 -8.71 -1.08	41.37 -8.92 20.71	-532.84 -9.97 603.45	-867.90 -13.81 965.56	-924.49 -15.21 1026.77	4.31 -5.78 31.32	48.80 -7.40 -1.53	47.22 -6.80 -0.45	57.36 -8.19 0.00	67.81 -8.56 0.00
HARZA MOOSE___RIVER 24016	106.74 2.62 0.00	48.21 1.24 0.00	42.85 1.09 0.00	71.05 1.80 0.00	57.86 1.51 0.00	66.23 1.79 0.00	88.26 2.58 0.00	61.92 1.98 0.00	61.67 2.08 0.00	104.13 3.61 0.00	115.72 3.73 0.00	101.57 2.99 0.00	84.01 2.38 0.00	84.92 2.43 0.00	66.32 1.81 0.00	73.15 2.16 0.00	83.43 2.85 0.00	115.64 4.17 0.00	121.76 4.27 0.00	42.87 1.42 -0.04	56.40 1.73 0.00	55.23 1.66 0.00	67.43 1.88 0.00	78.44 2.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	101.08 -3.04 0.00	45.71 -1.25 0.00	40.65 -1.10 0.00	67.50 -1.76 0.00	54.89 -1.46 0.00	62.82 -1.62 0.00	83.56 -2.12 0.00	58.47 -1.47 0.00	58.20 -1.40 0.00	98.35 -2.18 0.00	109.48 -2.50 0.00	96.29 -2.30 0.00	79.79 -1.84 0.00	80.60 -1.89 0.00	62.98 -1.53 0.00	69.38 -1.61 0.00	78.95 -1.63 0.00	109.39 -2.08 0.00	115.11 -2.39 0.00	40.59 -0.92 -0.10	53.39 -1.29 0.00	52.32 -1.25 0.00	63.87 -1.69 0.00	74.45 -1.92 0.00
HELLGATE_13_KV_LD 55870	109.10 4.98 0.00	49.62 2.66 0.00	44.20 2.44 0.00	72.92 3.67 0.00	59.39 3.04 0.00	68.02 3.58 0.00	90.99 4.97 -0.34	78.29 3.93 -14.41	80.14 4.01 -16.54	116.43 6.52 -9.38	121.96 8.09 -1.89	113.13 7.05 -7.49	89.61 6.26 -1.72	96.07 5.99 -7.59	94.58 4.64 -25.44	117.46 4.95 -41.52	139.16 5.68 -52.89	143.34 8.34 -23.53	131.19 8.66 -5.03	97.52 3.13 -52.99	84.32 4.11 -25.53	63.87 3.90 -6.41	70.17 4.35 -0.26	88.65 4.84 -7.44
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	109.10 4.98 0.00	49.62 2.66 0.00	44.20 2.44 0.00	72.92 3.67 0.00	59.39 3.04 0.00	68.02 3.58 0.00	90.99 4.97 -0.34	78.29 3.93 -14.41	80.14 4.01 -16.54	116.43 6.52 -9.38	121.96 8.09 -1.89	113.13 7.05 -7.49	89.61 6.26 -1.72	96.07 5.99 -7.59	94.58 4.64 -25.44	117.46 4.95 -41.52	139.16 5.68 -52.89	143.34 8.34 -23.53	131.19 8.66 -5.03	97.52 3.13 -52.99	84.32 4.11 -25.53	63.87 3.90 -6.41	70.17 4.35 -0.26	88.65 4.84 -7.44
HEMPSTEAD____ 23647	110.47 6.34 -0.01	50.16 3.19 0.00	44.64 2.88 0.00	73.79 4.53 0.00	60.00 3.65 0.00	68.57 4.13 0.00	91.80 5.78 -0.34	78.78 4.42 -14.42	80.52 4.38 -16.54	116.66 6.76 -9.38	121.94 8.07 -1.89	113.60 7.52 -7.49	96.90 6.69 -8.58	96.92 6.45 -7.97	112.02 5.35 -42.17	152.81 5.92 -75.89	223.45 6.69 -136.17	164.52 9.44 -43.61	192.18 9.76 -64.93	193.16 3.54 -148.22	125.46 4.67 -66.12	113.98 4.53 -55.89	70.83 5.01 -0.26	124.82 5.87 -42.58
HEWLETT_69_KV_BK3 55828	111.67 7.55 0.00	50.65 3.68 0.00	45.02 3.26 0.00	74.41 5.16 0.00	60.49 4.14 0.00	69.31 4.87 0.00	92.72 6.69 -0.34	79.41 5.05 -14.42	81.12 4.98 -16.54	117.67 7.76 -9.38	123.19 9.32 -1.89	114.65 8.57 -7.49	94.28 7.64 -5.01	97.88 7.40 -7.99	101.98 6.13 -31.35	131.48 6.83 -53.65	171.91 7.55 -83.78	166.76 10.50 -44.79	194.76 11.03 -66.23	139.81 4.06 -94.34	100.12 5.34 -40.10	83.98 5.14 -25.27	71.54 5.72 -0.26	106.13 6.78 -22.97
HICKLING___1 23621	100.74 -3.37 0.00	45.67 -1.30 0.00	40.58 -1.18 0.00	67.55 -1.70 0.00	54.85 -1.50 0.00	62.69 -1.75 0.00	83.23 -2.56 -0.10	62.48 -1.85 -4.39	62.86 -1.77 -5.03	101.34 -2.04 -2.85	109.30 -3.26 -0.57	97.63 -3.04 -2.08	79.47 -2.64 -0.48	81.89 -2.69 -2.09	64.08 -2.32 -1.89	69.19 -2.27 -0.46	81.16 -2.34 -2.92	110.88 -3.19 -2.59	114.73 -3.73 -0.97	48.09 -1.54 -8.22	55.33 -2.02 -2.68	52.46 -1.89 -0.79	63.18 -2.45 -0.08	75.88 -2.72 -2.23
HICKLING___2 23622	100.74 -3.37 0.00	45.67 -1.30 0.00	40.58 -1.18 0.00	67.55 -1.70 0.00	54.85 -1.50 0.00	62.69 -1.75 0.00	83.23 -2.56 -0.10	62.48 -1.85 -4.39	62.86 -1.77 -5.03	101.34 -2.04 -2.85	109.30 -3.26 -0.57	97.63 -3.04 -2.08	79.47 -2.64 -0.48	81.89 -2.69 -2.09	64.08 -2.32 -1.89	69.19 -2.27 -0.46	81.16 -2.34 -2.92	110.88 -3.19 -2.59	114.73 -3.73 -0.97	48.09 -1.54 -8.22	55.33 -2.02 -2.68	52.46 -1.89 -0.79	63.18 -2.45 -0.08	75.88 -2.72 -2.23
HIGH FALLS___HY 23754	111.36 7.24 0.00	50.53 3.56 0.00	44.96 3.20 0.00	74.42 5.17 0.00	60.60 4.25 0.00	69.50 5.06 0.00	93.37 7.17 -0.51	87.11 5.45 -21.72	89.99 5.48 -24.92	123.64 8.98 -14.13	125.04 10.21 -2.84	115.81 8.28 -8.94	90.39 6.77 -2.00	98.02 6.55 -8.97	73.55 5.21 -3.83	70.12 6.18 7.06	91.42 7.69 -3.14	131.01 11.53 -8.01	133.36 12.11 -3.75	75.55 4.26 -29.88	68.00 5.53 -7.79	61.36 5.25 -2.54	71.76 5.82 -0.39	93.78 6.35 -11.07
HIGH_RIVER___SOLAR 323847	108.46 4.34 0.00	49.00 2.03 0.00	43.55 1.79 0.00	72.24 2.98 0.00	58.82 2.46 0.00	67.36 2.92 0.00	93.14 3.93 -3.52	212.38 2.85 -149.59	234.09 2.82 -171.67	202.31 4.45 -97.33	136.48 4.91 -19.58	139.29 4.29 -36.41	92.54 3.55 -7.36	122.59 3.49 -36.60	96.90 2.78 -29.61	81.64 3.40 -7.25	140.14 4.20 -55.35	163.84 6.05 -46.32	138.90 6.31 -15.10	178.44 2.20 -134.83	99.43 2.85 -41.90	68.65 2.75 -12.33	71.43 3.19 -2.69	156.38 3.60 -76.40

HILLBURN___GT 23639	108.11 4.00 0.00	49.11 2.15 0.00	43.71 1.96 0.00	72.28 3.03 0.00	58.83 2.48 0.00	67.40 2.96 0.00	90.22 4.21 -0.32	76.97 3.27 -13.76	78.60 3.21 -15.79	114.94 5.45 -8.95	120.55 6.76 -1.80	111.60 5.88 -7.13	88.32 5.06 -1.64	94.20 4.66 -7.04	42.58 3.36 25.29	7.74 3.61 66.87	21.74 4.16 63.01	102.37 6.37 15.47	124.93 6.69 -0.75	32.49 2.37 11.28	39.99 3.10 17.79	53.16 2.93 3.33	68.94 3.14 -0.24	86.67 3.45 -6.85
HILLSIDE_115KV_TB1 80332	99.92 -4.19 0.00	45.24 -1.72 0.00	40.20 -1.56 0.00	66.87 -2.38 0.00	54.37 -1.98 0.00	62.14 -2.30 0.00	82.52 -3.27 -0.11	62.20 -2.29 -4.55	62.56 -2.26 -5.22	100.80 -2.69 -2.96	108.47 -4.11 -0.60	96.98 -3.76 -2.16	78.87 -3.24 -0.49	81.46 -3.20 -2.17	63.71 -2.76 -1.97	68.61 -2.87 -0.48	80.53 -3.08 -3.03	109.96 -4.20 -2.69	113.83 -4.67 -1.00	48.08 -1.85 -8.53	55.02 -2.44 -2.78	52.08 -2.30 -0.82	62.66 -2.98 -0.08	75.27 -3.42 -2.31
HISHELDN_WT_PWR 323625	96.03 -8.09 0.00	43.70 -3.26 0.00	38.86 -2.90 0.00	65.06 -4.19 0.00	52.43 -3.92 0.00	59.67 -4.77 0.00	78.65 -7.03 0.00	54.50 -5.44 0.00	54.35 -5.25 0.00	92.02 -8.51 0.00	101.89 -10.09 0.00	90.56 -9.31 -1.28	55.53 -7.97 18.13	43.70 -8.31 30.48	59.50 -6.31 -1.31	65.14 -6.18 -0.32	75.49 -6.74 -1.65	103.49 -9.56 -1.58	107.40 -10.76 -0.66	42.58 -4.15 -5.32	51.09 -5.43 -1.85	49.11 -5.00 -0.54	59.48 -6.07 0.00	69.94 -6.43 0.00
HOLTSVILLE_IC_1 23690	112.91 8.77 -0.03	51.20 4.23 -0.01	45.51 3.74 -0.01	75.24 5.98 -0.01	61.15 4.80 0.00	70.01 5.57 0.00	93.68 7.66 -0.34	80.10 5.74 -14.42	81.78 5.64 -16.54	118.47 8.56 -9.38	124.18 10.30 -1.89	115.60 9.52 -7.49	101.92 8.39 -11.91	98.53 8.17 -7.87	124.45 6.82 -53.12	177.19 7.80 -98.39	278.17 8.77 -188.82	161.50 12.40 -37.63	180.51 12.89 -50.13	246.27 4.65 -200.21	153.21 6.15 -92.39	145.97 5.95 -86.46	72.42 6.59 -0.28	145.29 7.78 -61.14
HOLTSVILLE_IC_10 23699	113.60 9.46 -0.03	51.48 4.51 -0.01	45.75 3.99 -0.01	75.66 6.39 -0.01	61.49 5.14 0.00	70.41 5.97 0.00	94.27 8.24 -0.34	80.51 6.15 -14.42	82.18 6.04 -16.54	119.11 9.21 -9.38	124.91 11.04 -1.89	116.19 10.11 -7.49	102.34 8.86 -11.85	98.99 8.63 -7.87	124.69 7.24 -52.94	177.32 8.30 -98.02	277.95 9.43 -187.95	162.59 13.40 -37.72	181.78 13.94 -50.34	245.74 4.99 -199.34	153.26 6.63 -91.95	145.91 6.40 -85.95	72.93 7.10 -0.28	145.52 8.32 -60.83
HOLTSVILLE_IC_2 23691	112.91 8.77 -0.03	51.20 4.23 -0.01	45.51 3.74 -0.01	75.24 5.98 -0.01	61.15 4.80 0.00	70.01 5.57 0.00	93.68 7.66 -0.34	80.10 5.74 -14.42	81.78 5.64 -16.54	118.47 8.56 -9.38	124.18 10.30 -1.89	115.60 9.52 -7.49	101.92 8.39 -11.91	98.53 8.17 -7.87	124.45 6.82 -53.12	177.19 7.80 -98.39	278.17 8.77 -188.82	161.50 12.40 -37.63	180.51 12.89 -50.13	246.27 4.65 -200.21	153.21 6.15 -92.39	145.97 5.95 -86.46	72.42 6.59 -0.28	145.29 7.78 -61.14
HOLTSVILLE_IC_3 23692	112.91 8.77 -0.03	51.20 4.23 -0.01	45.51 3.74 -0.01	75.24 5.98 -0.01	61.15 4.80 0.00	70.01 5.57 0.00	93.68 7.66 -0.34	80.10 5.74 -14.42	81.78 5.64 -16.54	118.47 8.56 -9.38	124.18 10.30 -1.89	115.60 9.52 -7.49	101.92 8.39 -11.91	98.53 8.17 -7.87	124.45 6.82 -53.12	177.19 7.80 -98.39	278.17 8.77 -188.82	161.50 12.40 -37.63	180.51 12.89 -50.13	246.27 4.65 -200.21	153.21 6.15 -92.39	145.97 5.95 -86.46	72.42 6.59 -0.28	145.29 7.78 -61.14
HOLTSVILLE_IC_4 23693	112.91 8.77 -0.03	51.20 4.23 -0.01	45.51 3.74 -0.01	75.24 5.98 -0.01	61.15 4.80 0.00	70.01 5.57 0.00	93.68 7.66 -0.34	80.10 5.74 -14.42	81.78 5.64 -16.54	118.47 8.56 -9.38	124.18 10.30 -1.89	115.60 9.52 -7.49	101.92 8.39 -11.91	98.53 8.17 -7.87	124.45 6.82 -53.12	177.19 7.80 -98.39	278.17 8.77 -188.82	161.50 12.40 -37.63	180.51 12.89 -50.13	246.27 4.65 -200.21	153.21 6.15 -92.39	145.97 5.95 -86.46	72.42 6.59 -0.28	145.29 7.78 -61.14
HOLTSVILLE_IC_5 23694	112.91 8.77 -0.03	51.20 4.23 -0.01	45.51 3.74 -0.01	75.24 5.98 -0.01	61.15 4.80 0.00	70.01 5.57 0.00	93.68 7.66 -0.34	80.10 5.74 -14.42	81.78 5.64 -16.54	118.47 8.56 -9.38	124.18 10.30 -1.89	115.60 9.52 -7.49	101.92 8.39 -11.91	98.53 8.17 -7.87	124.45 6.82 -53.12	177.19 7.80 -98.39	278.17 8.77 -188.82	161.50 12.40 -37.63	180.51 12.89 -50.13	246.27 4.65 -200.21	153.21 6.15 -92.39	145.97 5.95 -86.46	72.42 6.59 -0.28	145.29 7.78 -61.14
HOLTSVILLE_IC_6 23695	113.60 9.46 -0.03	51.48 4.51 -0.01	45.75 3.99 -0.01	75.66 6.39 -0.01	61.49 5.14 0.00	70.41 5.97 0.00	94.27 8.24 -0.34	80.51 6.15 -14.42	82.18 6.04 -16.54	119.11 9.21 -9.38	124.91 11.04 -1.89	116.19 10.11 -7.49	102.34 8.86 -11.85	98.99 8.63 -7.87	124.69 7.24 -52.94	177.32 8.30 -98.02	277.95 9.43 -187.95	162.59 13.40 -37.72	181.78 13.94 -50.34	245.74 4.99 -199.34	153.26 6.63 -91.95	145.91 6.40 -85.95	72.93 7.10 -0.28	145.52 8.32 -60.83
HOLTSVILLE_IC_7 23696	113.60 9.46 -0.03	51.48 4.51 -0.01	45.75 3.99 -0.01	75.66 6.39 -0.01	61.49 5.14 0.00	70.41 5.97 0.00	94.27 8.24 -0.34	80.51 6.15 -14.42	82.18 6.04 -16.54	119.11 9.21 -9.38	124.91 11.04 -1.89	116.19 10.11 -7.49	102.34 8.86 -11.85	98.99 8.63 -7.87	124.69 7.24 -52.94	177.32 8.30 -98.02	277.95 9.43 -187.95	162.59 13.40 -37.72	181.78 13.94 -50.34	245.74 4.99 -199.34	153.26 6.63 -91.95	145.91 6.40 -85.95	72.93 7.10 -0.28	145.52 8.32 -60.83
HOLTSVILLE_IC_8 23697	113.60 9.46 -0.03	51.48 4.51 -0.01	45.75 3.99 -0.01	75.66 6.39 -0.01	61.49 5.14 0.00	70.41 5.97 0.00	94.27 8.24 -0.34	80.51 6.15 -14.42	82.18 6.04 -16.54	119.11 9.21 -9.38	124.91 11.04 -1.89	116.19 10.11 -7.49	102.34 8.86 -11.85	98.99 8.63 -7.87	124.69 7.24 -52.94	177.32 8.30 -98.02	277.95 9.43 -187.95	162.59 13.40 -37.72	181.78 13.94 -50.34	245.74 4.99 -199.34	153.26 6.63 -91.95	145.91 6.40 -85.95	72.93 7.10 -0.28	145.52 8.32 -60.83
HOLTSVILLE_IC_9 23698	113.60 9.46 -0.03	51.48 4.51 -0.01	45.75 3.99 -0.01	75.66 6.39 -0.01	61.49 5.14 0.00	70.41 5.97 0.00	94.27 8.24 -0.34	80.51 6.15 -14.42	82.18 6.04 -16.54	119.11 9.21 -9.38	124.91 11.04 -1.89	116.19 10.11 -7.49	102.34 8.86 -11.85	98.99 8.63 -7.87	124.69 7.24 -52.94	177.32 8.30 -98.02	277.95 9.43 -187.95	162.59 13.40 -37.72	181.78 13.94 -50.34	245.74 4.99 -199.34	153.26 6.63 -91.95	145.91 6.40 -85.95	72.93 7.10 -0.28	145.52 8.32 -60.83
HOMER_HL_115KV_TB2 355744	99.46 -4.66 0.00	45.07 -1.90 0.00	40.12 -1.64 0.00	67.16 -2.09 0.00	54.28 -2.07 0.00	61.57 -2.88 0.00	80.73 -4.95 0.00	55.93 -4.01 0.00	55.67 -3.92 0.00	94.78 -5.74 0.00	105.45 -6.53 0.00	94.49 -5.45 -1.36	77.60 -4.37 -0.34	78.78 -5.06 -1.35	61.84 -4.05 -1.38	67.11 -4.22 -0.34	76.89 -5.44 -1.75	105.47 -7.67 -1.67	109.44 -8.75 -0.71	43.63 -3.43 -5.65	52.22 -4.41 -1.96	49.93 -4.21 -0.58	60.73 -4.82 0.00	71.43 -4.94 0.00
HOWARD_WT_PWR 323690	100.47 -3.65 0.00	45.68 -1.29 0.00	40.61 -1.15 0.00	67.72 -1.53 0.00	54.76 -1.59 0.00	62.52 -1.92 0.00	82.84 -2.93 -0.08	61.39 -2.17 -3.62	61.75 -2.00 -4.16	100.02 -2.87 -2.36	108.30 -4.16 -0.48	96.29 -4.01 -1.71	78.45 -3.57 -0.39	80.38 -3.84 -1.73	62.86 -3.20 -1.56	68.54 -2.83 -0.38	80.41 -2.58 -2.40	109.91 -3.70 -2.14	113.61 -4.68 -0.79	46.27 -1.90 -6.77	54.49 -2.39 -2.20	52.08 -2.13 -0.65	62.90 -2.72 -0.06	75.30 -2.92 -1.84

HQ_GEN_CEDARS 23644	105.58 1.47 0.00	47.34 0.37 0.00	42.06 0.30 0.00	69.82 0.57 0.00	56.75 0.40 0.00	64.71 0.27 0.00	85.87 0.18 0.00	59.89 -0.05 0.00	59.41 -0.18 0.00	100.20 -0.33 0.00	111.21 -0.78 0.00	97.91 -0.68 0.00	80.95 -0.68 0.00	81.91 -0.58 0.00	64.17 -0.34 0.00	70.46 -0.54 0.00	79.82 -0.76 0.00	110.23 -1.24 0.00	116.29 -1.21 0.00	40.98 -0.43 0.00	54.19 -0.48 0.00	53.16 -0.41 0.00	65.47 -0.08 0.00	76.31 -0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	105.58 1.47 0.00	47.34 0.37 0.00	42.06 0.31 0.00	69.82 0.56 0.00	56.75 0.40 0.00	64.72 0.27 0.00	85.87 0.18 0.00	59.89 -0.05 0.00	59.41 -0.18 0.00	100.18 -0.35 0.00	111.21 -0.78 0.00	97.90 -0.69 0.00	80.96 -0.67 0.00	81.91 -0.59 0.00	64.17 -0.34 0.00	70.45 -0.54 0.00	79.82 -0.76 0.00	110.21 -1.27 0.00	116.29 -1.20 0.00	40.98 -0.43 0.00	54.19 -0.49 0.00	53.16 -0.41 0.00	65.47 -0.08 0.00	76.32 -0.05 0.00
HQ_GEN_IMPORT 323601	104.66 0.55 0.00	46.94 -0.03 0.00	41.72 -0.04 0.00	69.23 -0.02 0.00	56.29 -0.05 0.00	64.27 -0.17 0.00	85.41 -0.27 0.00	59.65 -0.29 0.00	59.25 -0.35 0.00	99.95 -0.58 0.00	111.10 -0.89 0.00	97.79 -0.79 0.00	80.87 -0.76 0.00	81.82 -0.67 0.00	64.04 -0.46 0.00	70.45 -0.55 0.00	79.78 -0.81 0.00	110.18 -1.30 0.00	136.50 -1.20 -20.21	40.99 -0.42 0.00	54.20 -0.47 0.00	53.11 -0.46 0.00	65.26 -0.30 0.00	75.98 -0.40 0.00
HQ_GEN_WHEEL 23651	104.66 0.55 0.00	46.94 -0.03 0.00	41.72 -0.04 0.00	69.23 -0.02 0.00	56.29 -0.05 0.00	64.27 -0.17 0.00	85.41 -0.27 0.00	59.65 -0.29 0.00	59.25 -0.35 0.00	99.95 -0.58 0.00	111.10 -0.89 0.00	97.79 -0.79 0.00	80.87 -0.76 0.00	81.82 -0.67 0.00	64.04 -0.46 0.00	70.45 -0.55 0.00	79.78 -0.81 0.00	110.18 -1.30 0.00	136.50 -1.20 -20.21	40.99 -0.42 0.00	54.20 -0.47 0.00	53.11 -0.46 0.00	65.26 -0.30 0.00	75.98 -0.40 0.00
HUDSON AVE_GT_3 23810	109.18 5.06 0.00	49.65 2.69 0.00	44.19 2.44 0.00	73.01 3.76 0.00	59.44 3.09 0.00	68.08 3.64 0.00	91.11 5.09 -0.34	78.38 4.02 -14.41	80.20 4.07 -16.54	116.52 6.61 -9.38	121.92 8.05 -1.89	113.21 7.13 -7.49	89.55 6.20 -1.72	96.10 6.01 -7.59	94.65 4.67 -25.47	117.62 5.03 -41.59	139.34 5.79 -52.98	143.48 8.45 -23.55	131.27 8.75 -5.04	97.54 3.11 -53.03	84.32 4.08 -25.56	63.85 3.87 -6.41	70.07 4.25 -0.26	88.55 4.74 -7.44
HUDSON AVE_GT_4 23540	109.18 5.06 0.00	49.65 2.69 0.00	44.19 2.44 0.00	73.01 3.76 0.00	59.44 3.09 0.00	68.08 3.64 0.00	91.11 5.09 -0.34	78.38 4.02 -14.41	80.20 4.07 -16.54	116.52 6.61 -9.38	121.92 8.05 -1.89	113.21 7.13 -7.49	89.55 6.20 -1.72	96.10 6.01 -7.59	94.65 4.67 -25.47	117.62 5.03 -41.59	139.34 5.79 -52.98	143.48 8.45 -23.55	131.27 8.75 -5.04	97.54 3.11 -53.03	84.32 4.08 -25.56	63.85 3.87 -6.41	70.07 4.25 -0.26	88.55 4.74 -7.44
HUDSON AVE_GT_5 23657	109.18 5.06 0.00	49.65 2.69 0.00	44.19 2.44 0.00	73.01 3.76 0.00	59.44 3.09 0.00	68.08 3.64 0.00	91.11 5.09 -0.34	78.38 4.02 -14.41	80.20 4.07 -16.54	116.52 6.61 -9.38	121.92 8.05 -1.89	113.21 7.13 -7.49	89.55 6.20 -1.72	96.10 6.01 -7.59	94.65 4.67 -25.47	117.62 5.03 -41.59	139.34 5.79 -52.98	143.48 8.45 -23.55	131.27 8.75 -5.04	97.54 3.11 -53.03	84.32 4.08 -25.56	63.85 3.87 -6.41	70.07 4.25 -0.26	88.55 4.74 -7.44
HUDSON_AVE_10 24168	108.68 4.56 0.00	49.42 2.45 0.00	44.00 2.23 0.00	72.67 3.42 0.00	59.18 2.83 0.00	67.79 3.35 0.00	90.74 4.71 -0.34	78.14 3.78 -14.41	79.97 3.83 -16.54	116.12 6.21 -9.38	121.47 7.60 -1.89	112.79 6.72 -7.49	89.20 5.85 -1.72	95.77 5.68 -7.59	94.37 4.39 -25.47	117.29 4.70 -41.59	139.05 5.41 -53.05	143.02 7.99 -23.55	130.79 8.26 -5.04	97.37 2.94 -53.03	84.05 3.81 -25.56	63.58 3.60 -6.41	69.76 3.94 -0.26	88.13 4.32 -7.44
HUDSON___115KV_TB 4 355613	111.03 6.91 0.00	50.30 3.34 0.00	44.73 2.97 0.00	74.17 4.92 0.00	60.47 4.12 0.00	69.27 4.83 0.00	93.45 6.28 -1.48	127.12 4.35 -62.83	136.02 4.32 -72.10	148.31 6.90 -40.88	127.78 7.57 -8.22	123.35 6.40 -18.37	90.63 5.13 -3.87	106.00 5.03 -18.48	84.06 3.97 -15.59	79.17 4.36 -3.82	113.35 5.53 -27.24	142.46 7.73 -23.26	133.51 8.07 -7.95	114.00 2.86 -69.74	80.45 3.72 -22.06	63.74 3.68 -6.49	71.11 4.43 -1.13	114.31 5.84 -32.10
HUNTER MOUNT___DRP 323613	112.01 7.90 0.00	50.71 3.74 0.00	45.10 3.34 0.00	74.79 5.54 0.00	60.98 4.63 0.00	69.91 5.47 0.00	94.13 7.17 -1.28	119.14 4.99 -54.20	126.77 4.98 -62.20	143.86 8.06 -35.27	127.77 8.69 -7.09	122.33 7.28 -16.45	90.93 5.81 -3.50	104.75 5.71 -16.54	83.10 4.53 -14.06	79.58 5.14 -3.44	111.35 6.49 -24.27	141.38 9.10 -20.81	134.19 9.52 -7.17	107.46 3.32 -62.73	78.91 4.33 -19.90	63.70 4.27 -5.86	71.68 5.15 -0.97	110.54 6.49 -27.68
HUNTINGTON_RES_REC 323705	112.41 8.27 -0.03	50.93 3.96 -0.01	45.28 3.52 -0.01	74.84 5.58 -0.01	60.78 4.42 0.00	69.55 5.11 0.00	93.05 7.03 -0.34	79.64 5.29 -14.42	81.32 5.18 -16.54	117.78 7.87 -9.38	123.62 9.75 -1.89	115.19 9.11 -7.49	101.47 8.01 -11.84	98.16 7.80 -7.87	123.90 6.52 -52.88	176.28 7.39 -97.90	276.55 8.30 -187.66	160.90 11.66 -37.76	180.02 12.06 -50.47	244.81 4.33 -199.07	152.25 5.76 -91.81	144.95 5.59 -85.79	72.02 6.19 -0.28	144.42 7.32 -60.73
HUNTLEY___63 23557	93.51 -10.60 0.00	42.52 -4.44 0.00	37.88 -3.88 0.00	63.60 -5.65 0.00	51.09 -5.26 0.00	58.07 -6.37 0.00	76.38 -9.30 0.00	54.64 -7.26 -1.96	65.28 -7.03 -12.72	154.34 -11.74 -65.55	147.88 -13.39 -49.29	98.02 -12.29 -11.72	76.68 -9.83 -4.88	81.44 -10.07 -9.02	57.65 -7.98 -1.13	64.87 -8.12 -1.99	122.43 -9.04 -50.89	179.38 -12.52 -80.43	188.17 -13.91 -84.59	43.53 -5.40 -7.52	49.32 -6.95 -1.59	47.64 -6.39 -0.47	57.85 -7.70 0.00	68.35 -8.02 0.00
HUNTLEY___64 23558	93.51 -10.60 0.00	42.52 -4.44 0.00	37.88 -3.88 0.00	63.60 -5.65 0.00	51.09 -5.26 0.00	58.07 -6.37 0.00	76.38 -9.30 0.00	54.64 -7.26 -1.96	65.28 -7.03 -12.72	154.34 -11.74 -65.55	147.88 -13.39 -49.29	98.02 -12.29 -11.72	76.68 -9.83 -4.88	81.44 -10.07 -9.02	57.65 -7.98 -1.13	64.87 -8.12 -1.99	122.43 -9.04 -50.89	179.38 -12.52 -80.43	188.17 -13.91 -84.59	43.53 -5.40 -7.52	49.32 -6.95 -1.59	47.64 -6.39 -0.47	57.85 -7.70 0.00	68.35 -8.02 0.00
HUNTLEY___65 23559	93.51 -10.60 0.00	42.52 -4.44 0.00	37.88 -3.88 0.00	63.60 -5.65 0.00	51.09 -5.26 0.00	58.07 -6.37 0.00	76.38 -9.30 0.00	54.64 -7.26 -1.96	65.28 -7.03 -12.72	154.34 -11.74 -65.55	147.88 -13.39 -49.29	98.02 -12.29 -11.72	76.68 -9.83 -4.88	81.44 -10.07 -9.02	57.65 -7.98 -1.13	64.87 -8.12 -1.99	122.43 -9.04 -50.89	179.38 -12.52 -80.43	188.17 -13.91 -84.59	43.53 -5.40 -7.52	49.32 -6.95 -1.59	47.64 -6.39 -0.47	57.85 -7.70 0.00	68.35 -8.02 0.00
HUNTLEY___66 23560	93.51 -10.60 0.00	42.52 -4.44 0.00	37.88 -3.88 0.00	63.60 -5.65 0.00	51.09 -5.26 0.00	58.07 -6.37 0.00	76.38 -9.30 0.00	54.64 -7.26 -1.96	65.28 -7.03 -12.72	154.34 -11.74 -65.55	147.88 -13.39 -49.29	98.02 -12.29 -11.72	76.68 -9.83 -4.88	81.44 -10.07 -9.02	57.65 -7.98 -1.13	64.87 -8.12 -1.99	122.43 -9.04 -50.89	179.38 -12.52 -80.43	188.17 -13.91 -84.59	43.53 -5.40 -7.52	49.32 -6.95 -1.59	47.64 -6.39 -0.47	57.85 -7.70 0.00	68.35 -8.02 0.00

HUNTLEY___67 23561	93.95 -10.16 0.00	42.74 -4.22 0.00	38.04 -3.71 0.00	63.88 -5.37 0.00	51.34 -5.02 0.00	58.36 -6.09 0.00	76.80 -8.88 0.00	52.23 -7.00 0.71	48.18 -6.80 4.62	65.36 -11.34 23.83	81.15 -12.92 17.92	84.02 -11.84 2.73	70.80 -9.42 1.41	71.03 -9.67 1.79	57.95 -7.71 -1.15	62.76 -7.90 0.34	55.26 -8.80 16.52	71.91 -12.21 27.35	73.92 -13.62 29.95	39.75 -5.29 -3.65	49.44 -6.86 -1.63	47.72 -6.33 -0.48	57.97 -7.58 0.00	68.45 -7.92 0.00
HUNTLEY___68 23562	93.95 -10.16 0.00	42.74 -4.22 0.00	38.04 -3.71 0.00	63.88 -5.37 0.00	51.34 -5.02 0.00	58.36 -6.09 0.00	76.80 -8.88 0.00	52.23 -7.00 0.71	48.18 -6.80 4.62	65.36 -11.34 23.83	81.15 -12.92 17.92	84.02 -11.84 2.73	70.80 -9.42 1.41	71.03 -9.67 1.79	57.95 -7.71 -1.15	62.76 -7.90 0.34	55.26 -8.80 16.52	71.91 -12.21 27.35	73.92 -13.62 29.95	39.75 -5.29 -3.65	49.44 -6.86 -1.63	47.72 -6.33 -0.48	57.97 -7.58 0.00	68.45 -7.92 0.00
HYLAND___LFGE 323620	99.38 -4.74 0.00	45.27 -1.70 0.00	40.24 -1.51 0.00	67.06 -2.20 0.00	52.80 -3.55 0.00	59.33 -5.11 0.00	77.91 -7.78 0.00	55.07 -4.87 0.00	54.74 -4.86 0.00	90.62 -9.91 0.00	101.31 -10.67 0.00	89.89 -9.93 -1.24	72.60 -9.34 -0.32	73.22 -10.53 -1.26	58.48 -7.28 -1.26	64.77 -6.54 -0.31	75.31 -6.86 -1.60	102.75 -10.24 -1.52	106.29 -11.85 -0.64	43.37 -3.18 -5.15	51.66 -4.79 -1.79	49.42 -4.67 -0.53	59.45 -6.11 0.00	68.10 -8.27 0.00
INDECK___CORINTH 23802	110.76 6.64 0.00	50.11 3.15 0.00	44.48 2.73 0.00	73.72 4.47 0.00	60.00 3.65 0.00	68.92 4.48 0.00	95.30 6.24 -3.38	207.89 4.63 -143.32	228.81 4.73 -164.48	201.57 7.79 -93.25	139.51 8.76 -18.76	141.56 7.76 -35.21	95.36 6.60 -7.14	124.74 6.85 -35.40	98.57 5.36 -28.71	84.20 6.18 -7.03	141.33 7.30 -53.46	166.45 10.19 -44.78	142.59 10.46 -14.64	175.60 3.68 -130.51	100.10 4.81 -40.62	70.07 4.55 -11.96	73.40 5.27 -2.57	155.60 6.02 -73.20
INDECK___ILION 23567	105.88 1.77 0.00	47.88 0.92 0.00	42.58 0.83 0.00	70.59 1.33 0.00	57.51 1.16 0.00	65.92 1.48 0.00	87.63 1.95 0.00	61.47 1.52 0.00	61.17 1.58 0.00	102.94 2.41 0.00	114.74 2.76 0.00	101.06 2.48 0.00	83.70 2.07 0.00	84.58 2.09 0.00	66.11 1.61 0.00	72.84 1.85 0.00	82.91 2.33 0.00	114.79 3.31 0.00	120.89 3.40 0.00	42.62 1.22 0.00	56.23 1.55 0.00	55.04 1.48 0.00	67.20 1.65 0.00	78.31 1.94 0.00
INDECK___OLEAN 23982	99.45 -4.66 0.00	45.07 -1.89 0.00	40.12 -1.64 0.00	67.16 -2.09 0.00	54.29 -2.06 0.00	61.57 -2.88 0.00	80.75 -4.94 0.00	55.95 -3.99 0.00	55.72 -3.87 0.00	95.03 -5.50 0.00	105.55 -6.44 0.00	94.58 -5.36 -1.36	77.53 -4.44 -0.34	78.84 -5.00 -1.35	61.86 -4.03 -1.38	67.19 -4.14 -0.34	77.02 -5.31 -1.75	105.56 -7.58 -1.67	109.53 -8.66 -0.71	43.67 -3.38 -5.65	52.24 -4.39 -1.96	49.95 -4.19 -0.58	60.75 -4.80 0.00	71.42 -4.95 0.00
INDECK___OSWEGO 23783	98.98 -5.14 0.00	44.72 -2.24 0.00	39.75 -2.00 0.00	65.97 -3.29 0.00	53.64 -2.71 0.00	61.40 -3.04 0.00	81.68 -4.00 0.00	57.17 -2.78 0.00	56.89 -2.70 0.00	96.07 -4.45 0.00	106.99 -5.00 0.00	94.17 -4.42 0.00	78.03 -3.60 0.00	78.80 -3.70 0.00	61.57 -2.93 0.00	67.98 -3.02 0.00	77.43 -3.16 0.00	107.18 -4.29 0.00	112.85 -4.64 0.00	39.80 -1.69 -0.09	52.35 -2.32 0.00	51.33 -2.24 0.00	62.68 -2.87 0.00	73.02 -3.35 0.00
INDECK___YERKES 23781	93.45 -10.67 0.00	42.48 -4.48 0.00	37.86 -3.90 0.00	63.57 -5.68 0.00	51.06 -5.29 0.00	58.01 -6.44 0.00	76.30 -9.39 0.00	54.62 -7.29 -1.96	65.33 -6.98 -12.72	154.61 -11.47 -65.55	147.91 -13.37 -49.29	98.01 -12.29 -11.72	76.54 -9.96 -4.88	81.46 -10.05 -9.02	57.62 -8.02 -1.13	64.93 -8.06 -1.99	122.56 -8.90 -50.89	179.42 -12.48 -80.43	188.22 -13.86 -84.59	43.56 -5.36 -7.52	49.31 -6.96 -1.59	47.65 -6.38 -0.47	57.84 -7.72 0.00	68.29 -8.08 0.00
INDIAN POINT_GT_1 24139	108.49 4.37 0.00	49.27 2.31 0.00	43.85 2.09 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.60 3.16 0.00	90.47 4.45 -0.34	77.66 3.45 -14.27	79.39 3.42 -16.37	115.51 5.70 -9.28	120.81 6.95 -1.87	112.11 6.12 -7.41	88.60 5.27 -1.70	95.07 5.09 -7.48	243.53 3.95 -175.08	440.01 4.27 -364.75	481.81 4.97 -396.26	256.36 7.36 -137.52	142.04 7.68 -16.87	281.09 2.75 -236.93	210.52 3.57 -152.27	91.68 3.39 -34.72	69.53 3.72 -0.26	87.86 4.16 -7.33
INDIAN POINT_GT_2 23659	108.49 4.37 0.00	49.27 2.31 0.00	43.85 2.09 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.60 3.16 0.00	90.47 4.45 -0.34	77.66 3.45 -14.27	79.39 3.42 -16.37	115.51 5.70 -9.28	120.81 6.95 -1.87	112.11 6.12 -7.41	88.60 5.27 -1.70	95.07 5.09 -7.48	243.53 3.95 -175.08	440.01 4.27 -364.75	481.81 4.97 -396.26	256.36 7.36 -137.52	142.04 7.68 -16.87	281.09 2.75 -236.93	210.52 3.57 -152.27	91.68 3.39 -34.72	69.53 3.72 -0.26	87.86 4.16 -7.33
INDIAN POINT_GT_3 24019	108.49 4.37 0.00	49.27 2.31 0.00	43.85 2.09 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.60 3.16 0.00	90.47 4.45 -0.34	77.66 3.45 -14.27	79.39 3.42 -16.37	115.51 5.70 -9.28	120.81 6.95 -1.87	112.11 6.12 -7.41	88.60 5.27 -1.70	95.07 5.09 -7.48	243.53 3.95 -175.08	440.01 4.27 -364.75	481.81 4.97 -396.26	256.36 7.36 -137.52	142.04 7.68 -16.87	281.09 2.75 -236.93	210.52 3.57 -152.27	91.68 3.39 -34.72	69.53 3.72 -0.26	87.86 4.16 -7.33
INDIAN POINT___2 23530	108.23 4.11 0.00	49.16 2.19 0.00	43.76 2.00 0.00	72.35 3.10 0.00	58.90 2.55 0.00	67.44 3.00 0.00	90.28 4.26 -0.33	77.32 3.30 -14.08	79.01 3.25 -16.16	115.09 5.40 -9.16	120.54 6.71 -1.84	111.78 5.89 -7.31	88.38 5.08 -1.68	94.58 4.79 -7.29	20.50 3.62 47.63	-40.69 3.90 115.58	-29.37 4.51 114.46	85.89 6.76 32.35	123.66 7.08 0.91	5.93 2.52 37.99	21.40 3.29 36.57	49.18 3.12 7.50	69.19 3.39 -0.25	87.26 3.77 -7.11
INDIAN POINT___3 23531	108.31 4.20 0.00	49.20 2.24 0.00	43.80 2.04 0.00	72.41 3.16 0.00	58.94 2.59 0.00	67.50 3.06 0.00	90.32 4.29 -0.34	77.56 3.34 -14.28	79.29 3.30 -16.39	115.38 5.56 -9.29	120.71 6.85 -1.87	112.02 6.02 -7.42	88.51 5.18 -1.70	95.31 5.20 -7.61	98.83 4.30 -30.03	126.99 4.66 -51.33	149.37 5.39 -63.39	146.44 7.91 -27.06	131.16 8.24 -5.42	103.16 2.96 -58.80	87.97 3.85 -29.45	64.51 3.66 -7.29	69.88 4.06 -0.26	88.42 4.56 -7.49
INGHAM_C_115KV_TB7 356103	107.37 3.26 0.00	48.65 1.69 0.00	43.26 1.50 0.00	71.67 2.42 0.00	58.45 2.10 0.00	67.17 2.73 0.00	89.24 3.56 0.00	62.77 2.83 0.00	62.51 2.92 0.00	104.86 4.33 0.00	116.89 4.90 0.00	103.05 4.46 0.00	85.33 3.70 0.00	86.21 3.72 0.00	67.41 2.90 0.00	74.38 3.38 0.00	84.97 4.39 0.00	117.67 6.19 0.00	123.80 6.31 0.00	43.68 2.27 0.00	57.57 2.89 0.00	56.30 2.74 0.00	68.58 3.03 0.00	79.97 3.60 0.00
IP CORINTH___1 23988	110.75 6.64 0.00	50.11 3.15 0.00	44.48 2.73 0.00	73.72 4.47 0.00	60.00 3.65 0.00	68.92 4.48 0.00	95.29 6.23 -3.38	207.89 4.63 -143.32	228.81 4.74 -164.48	201.57 7.79 -93.25	139.51 8.76 -18.76	141.56 7.75 -35.21	95.36 6.59 -7.14	124.74 6.85 -35.40	98.57 5.36 -28.71	84.20 6.18 -7.03	141.34 7.30 -53.46	166.45 10.20 -44.78	142.59 10.46 -14.64	175.60 3.68 -130.51	100.10 4.81 -40.62	70.07 4.55 -11.96	73.40 5.27 -2.57	155.60 6.02 -73.20

IP___TICONDEROGA 23804	114.53 10.42 0.00	51.90 4.93 0.00	45.89 4.13 0.00	76.00 6.75 0.00	61.76 5.41 0.00	71.20 6.76 0.00	98.69 9.66 -3.35	209.09 7.16 -141.99	229.94 7.39 -162.95	204.75 11.84 -92.39	143.51 12.94 -18.59	144.97 11.45 -34.94	98.60 9.88 -7.08	128.14 10.52 -35.12	101.40 8.41 -28.49	88.23 10.26 -6.97	145.71 12.10 -53.03	172.50 16.59 -44.43	148.77 16.75 -14.53	176.88 5.97 -129.51	102.85 7.86 -40.31	72.87 7.44 -11.87	76.92 8.81 -2.55	159.06 10.16 -72.53
ISLIP_RES_REC 323679	113.98 9.84 -0.03	51.66 4.69 -0.01	45.91 4.15 -0.01	75.93 6.67 -0.01	61.71 5.36 0.00	70.68 6.24 0.00	94.65 8.62 -0.34	80.80 6.44 -14.42	82.45 6.31 -16.54	119.57 9.66 -9.38	125.42 11.55 -1.89	116.57 10.50 -7.49	102.63 9.18 -11.82	99.33 8.97 -7.87	124.83 7.51 -52.82	177.41 8.64 -97.78	277.79 9.84 -187.37	163.29 14.05 -37.77	182.57 14.61 -50.48	245.40 5.22 -198.77	153.26 6.92 -91.67	145.85 6.67 -85.62	73.24 7.41 -0.28	145.67 8.68 -60.62
JAMAICA__27_KV_LOAD 355505	109.03 4.92 0.00	49.57 2.60 0.00	44.13 2.37 0.00	72.86 3.60 0.00	59.35 2.99 0.00	68.07 3.63 0.00	91.16 5.14 -0.34	78.49 4.14 -14.41	80.33 4.20 -16.54	116.68 6.77 -9.38	122.18 8.31 -1.89	113.38 7.31 -7.49	89.69 6.35 -1.72	96.29 6.20 -7.59	94.72 4.74 -25.47	117.66 5.07 -41.59	139.50 5.85 -53.07	143.70 8.67 -23.55	131.57 9.04 -5.04	97.61 3.17 -53.03	84.26 4.03 -25.56	63.79 3.81 -6.41	70.00 4.18 -0.26	88.31 4.50 -7.44
JANIS___SOLAR 323808	108.52 4.41 0.00	49.07 2.10 0.00	43.64 1.89 0.00	72.56 3.31 0.00	59.05 2.70 0.00	67.78 3.34 0.00	90.58 4.73 -0.16	70.38 3.49 -6.95	71.20 3.62 -7.97	111.57 6.52 -4.52	119.58 6.68 -0.91	106.93 5.55 -2.79	86.76 4.51 -0.62	89.64 4.35 -2.80	70.18 3.18 -2.49	75.42 3.81 -0.61	89.50 4.94 -3.98	122.38 7.42 -3.49	126.37 7.61 -1.27	54.79 2.52 -10.86	61.41 3.21 -3.52	57.59 2.99 -1.04	68.82 3.14 -0.12	83.28 3.37 -3.54
JARVIS____ 23743	104.54 0.43 0.00	47.24 0.27 0.00	42.01 0.25 0.00	69.63 0.38 0.00	56.69 0.34 0.00	64.83 0.39 0.00	86.20 0.52 0.00	60.33 0.39 0.00	60.01 0.42 0.00	101.16 0.63 0.00	112.80 0.81 0.00	99.36 0.77 0.00	82.28 0.65 0.00	83.14 0.65 0.00	65.00 0.49 0.00	71.51 0.51 0.00	81.22 0.64 0.00	112.36 0.89 0.00	118.43 0.94 0.00	41.74 0.33 0.00	55.10 0.43 0.00	53.97 0.40 0.00	66.02 0.46 0.00	76.94 0.58 0.00
JENNISON___1 23625	109.17 5.05 0.00	49.40 2.44 0.00	43.97 2.20 0.00	73.05 3.79 0.00	59.49 3.14 0.00	68.22 3.78 0.00	91.18 5.23 -0.27	75.04 3.85 -11.24	76.46 3.96 -12.90	115.06 7.22 -7.31	120.95 7.50 -1.47	109.17 6.38 -4.20	87.72 5.17 -0.93	91.69 4.98 -4.22	71.95 3.73 -3.71	76.30 4.39 -0.91	92.05 5.43 -6.04	124.69 7.94 -5.28	127.59 8.20 -1.89	60.42 2.75 -16.26	63.47 3.53 -5.25	58.40 3.29 -1.55	69.12 3.36 -0.20	85.55 3.45 -5.73
JENNISON___2 23626	109.17 5.05 0.00	49.40 2.44 0.00	43.97 2.20 0.00	73.05 3.79 0.00	59.49 3.14 0.00	68.22 3.78 0.00	91.18 5.23 -0.27	75.04 3.85 -11.24	76.46 3.96 -12.90	115.06 7.22 -7.31	120.95 7.50 -1.47	109.17 6.38 -4.20	87.72 5.17 -0.93	91.69 4.98 -4.22	71.95 3.73 -3.71	76.30 4.39 -0.91	92.05 5.43 -6.04	124.69 7.94 -5.28	127.59 8.20 -1.89	60.42 2.75 -16.26	63.47 3.53 -5.25	58.40 3.29 -1.55	69.12 3.36 -0.20	85.55 3.45 -5.73
JERICHO_RISE_WT_PWR 323719	105.96 1.84 0.00	47.58 0.62 0.00	42.22 0.46 0.00	70.03 0.78 0.00	56.96 0.61 0.00	65.03 0.60 0.00	86.37 0.69 0.00	60.33 0.39 0.00	59.85 0.26 0.00	100.87 0.34 0.00	111.98 -0.01 0.00	98.60 0.01 0.00	81.52 -0.11 0.00	82.43 -0.06 0.00	64.57 0.06 0.00	70.90 -0.10 0.00	80.40 -0.18 0.00	110.89 -0.58 0.00	116.98 -0.51 0.00	41.29 -0.12 0.00	54.57 -0.11 0.00	53.50 -0.06 0.00	65.74 0.19 0.00	76.54 0.17 0.00
KATONAH___115KV_46KV_TB4 355592	109.79 5.67 0.00	49.86 2.90 0.00	44.39 2.63 0.00	73.39 4.13 0.00	59.76 3.41 0.00	68.43 3.98 0.00	91.61 5.58 -0.35	78.92 4.24 -14.73	80.76 4.25 -16.91	117.14 7.02 -9.59	122.25 8.34 -1.93	113.51 7.32 -7.61	89.61 6.23 -1.75	96.33 6.14 -7.70	88.31 4.87 -18.93	103.64 5.34 -27.29	124.71 6.22 -37.90	139.24 9.14 -18.63	131.56 9.51 -4.56	90.05 3.39 -45.25	79.16 4.42 -20.06	62.96 4.20 -5.20	70.54 4.71 -0.27	89.25 5.29 -7.59
KCE_NY_1 323755	110.11 5.99 0.00	49.79 2.82 0.00	44.24 2.48 0.00	73.34 4.09 0.00	59.69 3.34 0.00	68.47 4.03 0.00	94.56 5.57 -3.30	204.10 4.04 -140.12	224.54 4.14 -160.80	198.53 6.83 -91.17	138.18 7.85 -18.34	140.03 6.89 -34.55	94.40 5.76 -7.01	123.07 5.84 -34.73	97.23 4.54 -28.18	83.14 5.24 -6.90	139.12 6.12 -52.42	163.98 8.58 -43.93	140.71 8.84 -14.38	172.65 3.15 -128.10	98.64 4.08 -39.88	69.18 3.88 -11.74	72.49 4.42 -2.52	153.08 5.14 -71.57
KCE_NY_6_ESR 323823	95.96 -8.16 0.00	43.63 -3.33 0.00	38.82 -2.94 0.00	65.13 -4.12 0.00	52.41 -3.94 0.00	59.59 -4.85 0.00	78.48 -7.21 0.00	54.24 -5.70 0.00	54.15 -5.44 0.00	91.65 -8.87 0.00	101.53 -10.45 0.00	90.17 -9.60 -1.19	74.30 -7.62 -0.29	75.84 -7.82 -1.17	59.41 -6.30 -1.21	65.00 -6.29 -0.30	75.17 -6.94 -1.53	103.14 -9.78 -1.46	106.93 -11.18 -0.61	41.98 -4.35 -4.93	50.66 -5.72 -1.71	48.82 -5.25 -0.50	59.18 -6.37 0.00	69.73 -6.64 0.00
KEDC_PORT_JEFF_GT2 24210	113.43 9.29 -0.03	51.42 4.45 -0.01	45.69 3.93 -0.01	75.55 6.29 -0.01	61.40 5.04 0.00	70.31 5.87 0.00	94.11 8.09 -0.34	80.40 6.05 -14.42	82.06 5.92 -16.54	118.94 9.04 -9.38	124.76 10.89 -1.89	116.06 9.98 -7.49	102.26 8.76 -11.87	98.91 8.55 -7.87	124.66 7.16 -52.99	177.34 8.20 -98.14	278.11 9.30 -188.23	162.44 13.27 -37.69	181.51 13.74 -50.28	245.84 4.82 -199.62	153.30 6.53 -92.09	145.99 6.31 -86.12	72.82 7.00 -0.28	145.51 8.22 -60.93
KEDC_PORT_JEFF_GT3 24211	113.43 9.29 -0.03	51.42 4.45 -0.01	45.69 3.93 -0.01	75.55 6.29 -0.01	61.40 5.04 0.00	70.31 5.87 0.00	94.11 8.09 -0.34	80.40 6.05 -14.42	82.06 5.92 -16.54	118.94 9.04 -9.38	124.76 10.89 -1.89	116.06 9.98 -7.49	102.26 8.76 -11.87	98.91 8.55 -7.87	124.66 7.16 -52.99	177.34 8.20 -98.14	278.11 9.30 -188.23	162.44 13.27 -37.69	181.51 13.74 -50.28	245.84 4.82 -199.62	153.30 6.53 -92.09	145.99 6.31 -86.12	72.82 7.00 -0.28	145.51 8.22 -60.93
KEDC_GLWD_GT4 24219	109.84 5.71 -0.01	50.02 3.05 0.00	44.62 2.86 0.00	73.78 4.52 0.00	59.99 3.64 0.00	68.26 3.82 0.00	91.40 5.37 -0.34	78.49 4.13 -14.42	80.27 4.13 -16.54	116.40 6.50 -9.38	121.79 7.92 -1.89	113.30 7.22 -7.49	95.75 6.35 -7.76	96.66 6.14 -8.03	108.73 5.00 -39.22	146.32 5.50 -69.83	208.88 6.25 -122.05	167.05 8.99 -46.58	199.56 9.31 -72.76	179.67 3.35 -134.91	118.12 4.40 -59.04	105.56 4.23 -47.76	70.48 4.65 -0.26	119.61 5.40 -37.84
KEDC_GLWD_GT5 24220	109.84 5.71 -0.01	50.02 3.05 0.00	44.62 2.86 0.00	73.78 4.52 0.00	59.99 3.64 0.00	68.26 3.82 0.00	91.40 5.37 -0.34	78.49 4.13 -14.42	80.27 4.13 -16.54	116.40 6.50 -9.38	121.79 7.92 -1.89	113.30 7.22 -7.49	95.75 6.35 -7.76	96.66 6.14 -8.03	108.73 5.00 -39.22	146.32 5.50 -69.83	208.88 6.25 -122.05	167.05 8.99 -46.58	199.56 9.31 -72.76	179.67 3.35 -134.91	118.12 4.40 -59.04	105.56 4.23 -47.76	70.48 4.65 -0.26	119.61 5.40 -37.84

KENSICO____ 23655	108.90 4.79 0.00	49.47 2.50 0.00	44.04 2.28 0.00	72.80 3.55 0.00	59.25 2.90 0.00	67.86 3.42 0.00	90.81 4.79 -0.34	78.02 3.69 -14.38	79.79 3.68 -16.51	115.99 6.10 -9.36	121.27 7.40 -1.88	112.61 6.55 -7.47	88.98 5.64 -1.72	95.60 5.52 -7.58	96.33 4.36 -27.46	121.64 4.74 -45.91	143.60 5.47 -57.55	144.58 8.03 -25.07	131.06 8.37 -5.19	99.86 3.00 -55.46	85.82 3.91 -27.24	64.07 3.71 -6.79	69.93 4.11 -0.26	88.42 4.62 -7.44
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	111.10 6.98 0.00	50.38 3.42 0.00	44.82 3.07 0.00	74.21 4.96 0.00	60.43 4.08 0.00	69.30 4.86 0.00	92.99 6.87 -0.44	83.71 5.20 -18.56	86.11 5.21 -21.30	121.13 8.52 -12.08	124.07 9.66 -2.43	114.55 7.84 -8.12	89.86 6.40 -1.83	96.83 6.20 -8.14	70.70 4.93 -1.26	65.53 5.84 11.30	85.42 7.28 2.44	127.86 10.87 -5.52	132.16 11.42 -3.25	69.87 4.02 -24.45	65.11 5.21 -5.22	60.43 4.96 -1.90	71.40 5.51 -0.33	91.89 6.07 -9.45
KIAC_JFK_GT1 23816	107.99 3.88 0.00	49.09 2.13 0.00	43.77 2.01 0.00	72.27 3.02 0.00	58.85 2.50 0.00	67.41 2.97 0.00	90.27 4.24 -0.34	77.88 3.52 -14.41	79.72 3.58 -16.54	115.68 5.77 -9.38	121.06 7.19 -1.89	112.40 6.32 -7.49	88.88 5.53 -1.72	95.47 5.38 -7.59	94.08 4.10 -25.47	116.95 4.36 -41.59	138.64 4.99 -53.07	142.53 7.50 -23.55	130.31 7.78 -5.04	97.17 2.74 -53.03	83.70 3.47 -25.56	63.24 3.26 -6.41	69.32 3.51 -0.26	87.55 3.73 -7.44
KIAC_JFK_GT2 23817	107.99 3.88 0.00	49.09 2.13 0.00	43.77 2.01 0.00	72.27 3.02 0.00	58.85 2.50 0.00	67.41 2.97 0.00	90.27 4.24 -0.34	77.88 3.52 -14.41	79.72 3.58 -16.54	115.68 5.77 -9.38	121.06 7.19 -1.89	112.40 6.32 -7.49	88.88 5.53 -1.72	95.47 5.38 -7.59	94.08 4.10 -25.47	116.95 4.36 -41.59	138.64 4.99 -53.07	142.53 7.50 -23.55	130.31 7.78 -5.04	97.17 2.74 -53.03	83.70 3.47 -25.56	63.24 3.26 -6.41	69.32 3.51 -0.26	87.55 3.73 -7.44
KIAC_JFK____ 323774	107.99 3.88 0.00	49.09 2.12 0.00	43.77 2.01 0.00	72.27 3.02 0.00	58.86 2.50 0.00	67.41 2.97 0.00	90.27 4.24 -0.34	77.88 3.52 -14.41	79.71 3.58 -16.54	115.61 5.70 -9.38	121.03 7.16 -1.89	112.40 6.33 -7.49	88.88 5.53 -1.72	95.46 5.37 -7.59	94.07 4.09 -25.47	116.93 4.34 -41.59	138.64 4.98 -53.07	142.52 7.49 -23.55	130.30 7.77 -5.04	97.16 2.73 -53.03	83.70 3.47 -25.56	63.23 3.25 -6.41	69.31 3.49 -0.26	87.53 3.72 -7.44
KINTIGH____ 23543	94.00 -10.12 0.00	42.69 -4.27 0.00	38.02 -3.74 0.00	63.69 -5.56 0.00	51.29 -5.06 0.00	58.36 -6.08 0.00	76.93 -8.76 0.00	52.37 -6.75 0.81	47.70 -6.62 5.27	62.30 -11.06 27.17	79.07 -12.48 20.43	83.70 -11.44 3.44	70.83 -9.12 1.68	70.88 -9.26 2.36	58.15 -7.33 -0.97	62.91 -7.62 0.48	52.78 -8.53 19.27	68.01 -11.86 31.60	70.24 -12.92 34.33	39.18 -5.00 -2.77	49.52 -6.54 -1.38	47.95 -6.02 -0.41	58.38 -7.18 0.00	68.81 -7.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	107.55 3.44 0.00	48.40 1.44 0.00	42.88 1.13 0.00	71.11 1.86 0.00	57.85 1.51 0.00	66.15 1.71 0.00	87.87 2.19 0.00	61.48 1.54 0.00	60.97 1.37 0.00	102.66 2.14 0.00	114.03 2.05 0.00	100.38 1.80 0.00	82.88 1.26 0.00	83.83 1.34 0.00	65.66 1.15 0.00	71.97 0.97 0.00	81.88 1.30 0.00	113.10 1.62 0.00	119.17 1.68 0.00	42.07 0.67 0.00	55.56 0.88 0.00	54.41 0.84 0.00	66.70 1.14 0.00	77.61 1.24 0.00
LACHUTE__HYDRO 323717	114.53 10.42 0.00	51.90 4.93 0.00	45.89 4.13 0.00	76.00 6.75 0.00	61.76 5.41 0.00	71.20 6.76 0.00	98.69 9.66 -3.35	209.08 7.14 -141.99	229.94 7.39 -162.95	204.75 11.83 -92.39	143.50 12.93 -18.59	144.98 11.45 -34.94	98.59 9.87 -7.08	128.13 10.52 -35.12	101.40 8.41 -28.49	88.24 10.27 -6.97	145.71 12.10 -53.03	172.49 16.59 -44.43	148.77 16.75 -14.53	176.89 5.97 -129.51	102.85 7.87 -40.31	72.88 7.45 -11.87	76.91 8.81 -2.55	159.06 10.16 -72.53
LAWRNCV_115KV_TB1 80681	104.92 0.80 0.00	47.03 0.07 0.00	41.78 0.02 0.00	69.34 0.08 0.00	56.37 0.02 0.00	64.14 -0.30 0.00	84.97 -0.72 0.00	59.30 -0.65 0.00	58.84 -0.75 0.00	99.23 -1.29 0.00	110.12 -1.87 0.00	96.92 -1.67 0.00	80.07 -1.56 0.00	81.04 -1.46 0.00	63.48 -1.03 0.00	69.72 -1.28 0.00	79.05 -1.53 0.00	109.22 -2.26 0.00	115.20 -2.29 0.00	40.59 -0.81 0.00	53.64 -1.03 0.00	52.61 -0.95 0.00	64.95 -0.60 0.00	75.80 -0.57 0.00
LEDERLE____ 23769	108.31 4.19 0.00	49.18 2.21 0.00	43.78 2.02 0.00	72.37 3.12 0.00	58.92 2.57 0.00	67.51 3.07 0.00	90.37 4.36 -0.33	77.23 3.39 -13.89	78.87 3.33 -15.94	115.32 5.75 -9.04	120.96 7.16 -1.82	112.01 6.21 -7.21	88.62 5.33 -1.66	94.48 4.90 -7.08	40.54 3.49 27.46	3.10 3.73 71.62	16.89 4.33 68.03	100.90 6.54 17.11	124.95 6.86 -0.60	29.97 2.44 13.87	38.23 3.17 19.61	52.85 3.02 3.74	69.02 3.23 -0.24	86.81 3.56 -6.88
LIGHTHSE_115KV_TB6 355974	102.52 -1.59 0.00	46.30 -0.66 0.00	41.13 -0.63 0.00	68.28 -0.97 0.00	55.57 -0.79 0.00	63.49 -0.95 0.00	84.46 -1.23 0.00	59.21 -0.73 0.00	58.98 -0.61 0.00	99.90 -0.62 0.00	111.28 -0.70 0.00	97.76 -0.83 0.00	80.94 -0.69 0.00	81.61 -0.89 0.00	63.74 -0.77 0.00	70.17 -0.83 0.00	79.74 -0.84 0.00	110.23 -1.25 0.00	116.00 -1.50 0.00	40.87 -0.62 -0.08	53.71 -0.97 0.00	52.73 -0.84 0.00	64.39 -1.17 0.00	74.94 -1.43 0.00
LINDEN COGEN____ 23786	108.17 4.06 0.00	49.15 2.24 0.05	43.70 2.04 0.09	72.35 3.09 0.00	58.94 2.58 0.00	67.48 3.04 0.00	90.32 4.29 -0.34	77.79 3.44 -14.41	79.59 3.45 -16.54	90.20 5.48 15.81	94.44 6.83 24.38	98.92 6.09 5.76	87.65 5.34 -0.68	78.58 5.11 9.02	64.12 3.97 4.36	113.79 4.28 -38.51	130.96 4.92 -45.46	139.96 7.30 -21.19	130.07 7.54 -5.03	94.59 2.69 -50.50	83.79 3.56 -25.56	63.35 3.37 -6.41	69.44 3.62 -0.26	87.79 3.98 -7.44
LINDHRST_69_KV_BK1 356055	112.82 8.68 -0.02	51.15 4.18 -0.01	45.45 3.69 -0.01	75.14 5.88 -0.01	61.08 4.73 0.00	69.92 5.48 0.00	93.51 7.48 -0.34	80.02 5.66 -14.42	81.75 5.61 -16.54	118.55 8.65 -9.38	124.11 10.24 -1.89	115.50 9.42 -7.49	100.93 8.37 -10.93	98.49 8.11 -7.89	121.16 6.71 -49.95	170.43 7.56 -91.87	262.63 8.52 -173.53	162.61 12.05 -39.09	183.63 12.49 -53.65	230.96 4.55 -185.00	145.43 5.99 -84.77	136.97 5.83 -77.58	72.32 6.49 -0.27	139.68 7.61 -55.70
LIPA_MISC_IPP 23656	113.53 9.39 -0.03	51.47 4.50 -0.01	45.74 3.98 -0.01	75.65 6.39 -0.01	61.51 5.16 0.00	70.43 5.99 0.00	94.32 8.29 -0.34	80.56 6.20 -14.42	82.19 6.05 -16.54	119.06 9.15 -9.38	124.76 10.89 -1.89	115.99 9.91 -7.49	102.21 8.69 -11.90	98.86 8.51 -7.87	124.75 7.15 -53.09	177.61 8.28 -98.33	278.59 9.33 -188.67	162.70 13.58 -37.64	181.78 14.13 -50.16	246.51 5.05 -200.06	153.68 6.70 -92.31	146.40 6.46 -86.37	73.00 7.17 -0.28	145.87 8.41 -61.08
LISF__SOLAR 323691	113.76 9.62 -0.03	51.57 4.60 -0.01	45.83 4.07 -0.01	75.79 6.53 -0.01	61.63 5.27 0.00	70.57 6.13 0.00	94.51 8.49 -0.34	80.68 6.32 -14.42	82.30 6.16 -16.54	119.17 9.26 -9.38	124.89 11.02 -1.89	116.05 9.97 -7.49	102.27 8.76 -11.89	98.93 8.57 -7.87	124.81 7.25 -53.05	177.69 8.43 -98.26	278.64 9.55 -188.51	163.04 13.91 -37.66	182.16 14.47 -50.20	246.47 5.16 -199.90	153.77 6.86 -92.24	146.45 6.61 -86.28	73.15 7.32 -0.28	145.97 8.58 -61.03

LITTLE FALLS___HYD 24013	107.37 3.26 0.00	48.65 1.69 0.00	43.26 1.50 0.00	71.67 2.42 0.00	58.45 2.10 0.00	67.17 2.73 0.00	89.24 3.56 0.00	62.77 2.83 0.00	62.51 2.92 0.00	104.86 4.33 0.00	116.89 4.90 0.00	103.05 4.46 0.00	85.33 3.70 0.00	86.21 3.72 0.00	67.41 2.90 0.00	74.38 3.38 0.00	84.97 4.39 0.00	117.67 6.19 0.00	123.80 6.31 0.00	43.68 2.27 0.00	57.57 2.89 0.00	56.30 2.74 0.00	68.58 3.03 0.00	79.97 3.60 0.00
LITTLRIV_115KV_TB1 356100	106.04 1.92 0.00	47.47 0.51 0.00	42.19 0.43 0.00	70.00 0.75 0.00	56.92 0.57 0.00	64.79 0.35 0.00	85.88 0.19 0.00	59.95 0.01 0.00	59.49 -0.11 0.00	100.37 -0.16 0.00	111.35 -0.64 0.00	98.00 -0.58 0.00	80.91 -0.72 0.00	81.91 -0.58 0.00	64.24 -0.27 0.00	70.58 -0.42 0.00	80.04 -0.54 0.00	110.62 -0.85 0.00	116.64 -0.85 0.00	41.08 -0.33 0.00	54.29 -0.39 0.00	53.21 -0.35 0.00	65.65 0.09 0.00	76.59 0.22 0.00
LI_NEWBRDGE___DRP 323616	110.68 6.53 -0.03	50.22 3.24 -0.01	44.65 2.89 -0.01	73.81 4.55 -0.01	60.01 3.66 0.00	68.67 4.23 0.00	91.86 5.83 -0.34	78.81 4.45 -14.42	80.54 4.40 -16.54	116.67 6.76 -9.38	122.11 8.24 -1.89	113.78 7.70 -7.49	100.87 6.81 -12.43	96.94 6.59 -7.85	124.78 5.47 -54.81	178.97 6.11 -101.87	284.33 6.81 -196.94	157.80 9.52 -36.81	175.47 9.84 -48.14	253.27 3.58 -208.29	155.84 4.72 -96.44	149.33 4.58 -91.19	70.88 5.05 -0.28	146.38 5.99 -64.02
LOCKPORT_115KV_TB60_63_64 80432	92.47 -11.65 0.00	42.04 -4.92 0.00	37.45 -4.31 0.00	62.89 -6.36 0.00	50.52 -5.84 0.00	57.42 -7.02 0.00	75.50 -10.18 0.00	58.44 -7.80 -6.30	93.03 -7.48 -40.92	298.97 -12.46 -210.90	256.36 -14.20 -158.57	120.79 -12.99 -35.20	86.24 -10.49 -15.09	98.34 -10.74 -26.59	57.12 -8.45 -1.07	68.16 -8.62 -5.78	231.46 -9.61 -160.48	353.87 -13.28 -255.68	373.67 -14.66 -270.84	49.57 -5.60 -13.76	48.98 -7.20 -1.51	47.41 -6.61 -0.44	57.58 -7.97 0.00	68.08 -8.29 0.00
LOCKPORT___CC1 323769	92.12 -12.00 0.00	41.90 -5.06 0.00	37.32 -4.43 0.00	62.68 -6.57 0.00	50.35 -6.00 0.00	57.21 -7.23 0.00	75.20 -10.49 0.00	27.99 -8.01 23.95	-103.57 -7.64 155.53	-713.61 -12.58 801.57	-505.22 -14.52 602.68	-43.47 -13.33 128.73	14.55 -10.90 56.18	-24.69 -11.02 96.16	56.91 -8.67 -1.08	41.46 -8.82 20.71	-532.65 -9.78 603.45	-867.75 -13.66 965.56	-924.35 -15.06 1026.77	4.39 -5.69 31.32	48.82 -7.37 -1.53	47.26 -6.76 -0.45	57.39 -8.16 0.00	67.80 -8.57 0.00
LOCKPORT___CC2 323770	92.12 -12.00 0.00	41.90 -5.06 0.00	37.32 -4.43 0.00	62.68 -6.57 0.00	50.35 -6.00 0.00	57.21 -7.23 0.00	75.20 -10.49 0.00	27.99 -8.01 23.95	-103.57 -7.64 155.53	-713.61 -12.58 801.57	-505.22 -14.52 602.68	-43.47 -13.33 128.73	14.55 -10.90 56.18	-24.69 -11.02 96.16	56.91 -8.67 -1.08	41.46 -8.82 20.71	-532.65 -9.78 603.45	-867.75 -13.66 965.56	-924.35 -15.06 1026.77	4.39 -5.69 31.32	48.82 -7.37 -1.53	47.26 -6.76 -0.45	57.39 -8.16 0.00	67.80 -8.57 0.00
LOCKPORT___CC3 323771	92.12 -12.00 0.00	41.90 -5.06 0.00	37.32 -4.43 0.00	62.68 -6.57 0.00	50.35 -6.00 0.00	57.21 -7.23 0.00	75.20 -10.49 0.00	27.99 -8.01 23.95	-103.57 -7.64 155.53	-713.61 -12.58 801.57	-505.22 -14.52 602.68	-43.47 -13.33 128.73	14.55 -10.90 56.18	-24.69 -11.02 96.16	56.91 -8.67 -1.08	41.46 -8.82 20.71	-532.65 -9.78 603.45	-867.75 -13.66 965.56	-924.35 -15.06 1026.77	4.39 -5.69 31.32	48.82 -7.37 -1.53	47.26 -6.76 -0.45	57.39 -8.16 0.00	67.80 -8.57 0.00
LONG_LAKE_PHOENIX 24014	100.05 -4.07 0.00	45.24 -1.73 0.00	40.22 -1.54 0.00	66.77 -2.49 0.00	54.31 -2.03 0.00	62.16 -2.28 0.00	82.73 -2.95 0.00	57.92 -2.02 0.00	57.62 -1.98 0.00	97.33 -3.20 0.00	108.40 -3.58 0.00	95.37 -3.22 0.00	79.06 -2.57 0.00	79.86 -2.63 0.00	62.42 -2.08 0.00	68.78 -2.21 0.00	78.21 -2.37 0.00	108.32 -3.15 0.00	114.02 -3.47 0.00	40.20 -1.30 -0.09	52.87 -1.80 0.00	51.79 -1.77 0.00	63.22 -2.34 0.00	73.71 -2.66 0.00
LOVETT___3 23632	107.69 3.58 0.00	48.92 1.96 0.00	43.55 1.79 0.00	72.00 2.75 0.00	58.60 2.25 0.00	67.12 2.68 0.00	89.84 3.83 -0.33	76.87 2.99 -13.94	78.53 2.94 -16.00	114.75 5.15 -9.07	120.34 6.53 -1.82	111.54 5.72 -7.23	88.18 4.89 -1.66	94.03 4.44 -7.10	39.66 3.06 27.91	1.61 3.21 72.59	15.25 3.71 69.05	99.68 5.66 17.45	123.99 5.94 -0.56	29.12 2.11 14.39	37.44 2.75 19.98	52.35 2.61 3.82	68.54 2.75 -0.24	86.29 3.04 -6.89
LOVETT___4 23642	107.69 3.58 0.00	48.92 1.96 0.00	43.55 1.79 0.00	72.00 2.75 0.00	58.60 2.25 0.00	67.12 2.68 0.00	89.84 3.83 -0.33	76.87 2.99 -13.94	78.53 2.94 -16.00	114.75 5.15 -9.07	120.34 6.53 -1.82	111.54 5.72 -7.23	88.18 4.89 -1.66	94.03 4.44 -7.10	39.66 3.06 27.91	1.61 3.21 72.59	15.25 3.71 69.05	99.68 5.66 17.45	123.99 5.94 -0.56	29.12 2.11 14.39	37.44 2.75 19.98	52.35 2.61 3.82	68.54 2.75 -0.24	86.29 3.04 -6.89
LOVETT___5 23593	107.69 3.58 0.00	48.92 1.96 0.00	43.55 1.79 0.00	72.00 2.75 0.00	58.60 2.25 0.00	67.12 2.68 0.00	89.84 3.83 -0.33	76.87 2.99 -13.94	78.53 2.94 -16.00	114.75 5.15 -9.07	120.34 6.53 -1.82	111.54 5.72 -7.23	88.18 4.89 -1.66	94.03 4.44 -7.10	39.66 3.06 27.91	1.61 3.21 72.59	15.25 3.71 69.05	99.68 5.66 17.45	123.99 5.94 -0.56	29.12 2.11 14.39	37.44 2.75 19.98	52.35 2.61 3.82	68.54 2.75 -0.24	86.29 3.04 -6.89
LOWER RAQUET___HYD 24057	104.71 0.59 0.00	46.93 -0.04 0.00	41.69 -0.07 0.00	69.17 -0.08 0.00	56.24 -0.11 0.00	63.97 -0.47 0.00	84.66 -1.03 0.00	59.10 -0.84 0.00	58.65 -0.95 0.00	98.93 -1.60 0.00	109.77 -2.21 0.00	96.59 -1.99 0.00	79.82 -1.80 0.00	80.76 -1.74 0.00	63.28 -1.23 0.00	69.48 -1.52 0.00	78.80 -1.78 0.00	108.91 -2.56 0.00	114.87 -2.62 0.00	40.47 -0.94 0.00	53.46 -1.21 0.00	52.44 -1.13 0.00	64.78 -0.78 0.00	75.65 -0.72 0.00
LOWER___HUDSON 24059	108.84 4.72 0.00	49.25 2.28 0.00	43.77 2.01 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.64 3.20 0.00	92.81 4.36 -2.77	180.62 3.17 -117.51	197.62 3.18 -134.85	182.15 5.16 -76.46	133.38 6.01 -15.38	133.79 5.37 -29.83	92.22 4.50 -6.09	117.11 4.62 -29.99	92.65 3.63 -24.52	80.97 3.97 -6.00	130.22 4.56 -45.08	155.75 6.37 -37.91	136.55 6.55 -12.51	154.88 2.37 -111.10	92.45 3.08 -34.70	66.76 2.98 -10.21	71.16 3.50 -2.11	140.59 4.19 -60.03
LOWVILLE_115KV_TB2 356335	106.69 2.57 0.00	48.11 1.15 0.00	42.76 1.00 0.00	70.89 1.63 0.00	57.73 1.38 0.00	66.05 1.60 0.00	88.02 2.33 0.00	61.78 1.83 0.00	61.55 1.95 0.00	103.97 3.44 0.00	115.47 3.48 0.00	101.34 2.75 0.00	83.75 2.12 0.00	84.66 2.17 0.00	66.14 1.64 0.00	72.95 1.96 0.00	83.25 2.66 0.00	115.41 3.94 0.00	121.50 4.01 0.00	42.75 1.30 -0.04	56.19 1.51 0.00	55.04 1.48 0.00	67.21 1.66 0.00	78.18 1.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	110.05 5.94 0.00	49.79 2.83 0.00	44.23 2.48 0.00	73.32 4.07 0.00	59.69 3.34 0.00	68.45 4.01 0.00	94.48 5.49 -3.30	204.08 4.02 -140.12	224.46 4.07 -160.80	198.43 6.73 -91.17	138.01 7.68 -18.34	139.92 6.79 -34.55	94.33 5.69 -7.01	123.05 5.83 -34.73	97.24 4.55 -28.18	83.07 5.18 -6.90	139.05 6.06 -52.42	163.87 8.47 -43.93	140.57 8.70 -14.38	172.61 3.11 -128.10	98.58 4.02 -39.88	69.16 3.86 -11.74	72.51 4.44 -2.52	153.10 5.15 -71.57

LUTHERNY_35_KV_BK2 355980	110.11 6.00 0.00	49.79 2.82 0.00	44.24 2.48 0.00	73.33 4.08 0.00	59.69 3.34 0.00	68.46 4.01 0.00	94.56 5.57 -3.30	204.11 4.05 -140.12	224.55 4.15 -160.80	198.54 6.84 -91.17	138.18 7.85 -18.34	140.02 6.89 -34.55	94.40 5.76 -7.01	123.06 5.83 -34.73	97.23 4.54 -28.18	83.13 5.24 -6.90	139.12 6.12 -52.42	163.98 8.58 -43.93	140.71 8.84 -14.38	172.65 3.15 -128.10	98.64 4.08 -39.88	69.18 3.87 -11.74	72.49 4.42 -2.52	153.08 5.14 -71.57
LWR___OSWEGATCHIE_HYD 23850	104.87 0.75 0.00	47.14 0.17 0.00	41.88 0.12 0.00	69.44 0.19 0.00	56.50 0.15 0.00	64.43 -0.01 0.00	85.58 -0.10 0.00	59.90 -0.04 0.00	59.59 -0.01 0.00	100.60 0.07 0.00	111.70 -0.29 0.00	98.17 -0.42 0.00	81.11 -0.52 0.00	82.01 -0.48 0.00	64.15 -0.35 0.00	70.63 -0.36 0.00	80.36 -0.22 0.00	111.25 -0.22 0.00	117.19 -0.30 0.00	41.26 -0.17 -0.03	54.33 -0.34 0.00	53.24 -0.32 0.00	65.37 -0.19 0.00	76.24 -0.13 0.00
LYONS_FALL_HYD 23570	106.74 2.63 0.00	48.21 1.24 0.00	42.85 1.09 0.00	71.05 1.80 0.00	57.86 1.51 0.00	66.23 1.79 0.00	88.26 2.58 0.00	61.92 1.98 0.00	61.67 2.08 0.00	104.13 3.60 0.00	115.71 3.73 0.00	101.57 2.98 0.00	84.00 2.38 0.00	84.92 2.42 0.00	66.32 1.81 0.00	73.16 2.16 0.00	83.44 2.85 0.00	115.65 4.18 0.00	121.76 4.27 0.00	42.87 1.42 -0.04	56.41 1.74 0.00	55.23 1.67 0.00	67.43 1.88 0.00	78.44 2.06 0.00
MADISON___COUNTY_LFGE 323628	106.48 2.36 0.00	48.24 1.27 0.00	42.89 1.14 0.00	71.18 1.93 0.00	58.01 1.66 0.00	66.46 2.02 0.00	88.53 2.85 0.00	62.08 2.14 0.00	61.85 2.26 0.00	104.40 3.88 0.00	115.98 3.99 0.00	101.61 3.03 0.00	84.11 2.48 0.00	85.10 2.61 0.00	66.58 2.07 0.00	73.22 2.23 0.00	83.64 3.06 0.00	115.75 4.28 0.00	121.92 4.43 0.00	42.94 1.47 -0.06	56.53 1.85 0.00	55.32 1.76 0.00	67.49 1.93 0.00	78.51 2.14 0.00
MALONE___115KV_TB1 356076	107.33 3.21 0.00	48.23 1.26 0.00	42.82 1.07 0.00	71.08 1.83 0.00	57.80 1.45 0.00	65.97 1.53 0.00	87.59 1.90 0.00	61.24 1.30 0.00	60.81 1.21 0.00	102.54 2.01 0.00	113.76 1.78 0.00	100.11 1.52 0.00	82.69 1.07 0.00	83.62 1.13 0.00	65.50 0.99 0.00	71.77 0.77 0.00	81.62 1.04 0.00	112.78 1.31 0.00	118.98 1.49 0.00	41.95 0.55 0.00	55.41 0.74 0.00	54.30 0.74 0.00	66.72 1.16 0.00	77.67 1.30 0.00
MAPLEWOD_115KV_TB3 80458	108.73 4.62 0.00	49.20 2.24 0.00	43.75 1.99 0.00	72.48 3.23 0.00	59.01 2.66 0.00	67.61 3.17 0.00	92.21 4.29 -2.23	157.83 3.07 -94.81	171.46 3.06 -108.81	167.29 5.07 -61.69	130.36 5.96 -12.41	129.02 5.32 -25.11	91.30 4.48 -5.18	112.25 4.51 -25.25	88.84 3.48 -20.85	79.64 3.54 -5.11	122.39 4.09 -37.72	148.96 5.61 -31.88	133.99 5.86 -10.64	137.64 2.12 -94.11	86.94 2.75 -29.51	64.95 2.70 -8.69	70.46 3.20 -1.70	128.88 4.08 -48.43
MAPLE_RIDGE_WT_1 323574	104.45 0.34 0.00	47.05 0.09 0.00	41.84 0.09 0.00	69.39 0.14 0.00	56.46 0.11 0.00	64.51 0.07 0.00	85.77 0.08 0.00	59.95 0.01 0.00	59.58 -0.02 0.00	100.47 -0.06 0.00	111.87 -0.11 0.00	98.47 -0.12 0.00	81.52 -0.10 0.00	82.41 -0.08 0.00	64.45 -0.05 0.00	70.93 -0.07 0.00	80.44 -0.14 0.00	111.25 -0.22 0.00	117.26 -0.23 0.00	41.32 -0.08 0.00	54.59 -0.09 0.00	53.50 -0.06 0.00	65.56 0.00 0.00	76.38 0.01 0.00
MAPLE_RIDGE_WT_2 323611	104.45 0.34 0.00	47.05 0.09 0.00	41.84 0.09 0.00	69.39 0.14 0.00	56.46 0.11 0.00	64.51 0.07 0.00	85.77 0.08 0.00	59.95 0.01 0.00	59.58 -0.02 0.00	100.47 -0.06 0.00	111.87 -0.11 0.00	98.47 -0.12 0.00	81.52 -0.10 0.00	82.41 -0.08 0.00	64.45 -0.05 0.00	70.93 -0.07 0.00	80.44 -0.14 0.00	111.25 -0.22 0.00	117.26 -0.23 0.00	41.32 -0.08 0.00	54.59 -0.09 0.00	53.50 -0.06 0.00	65.56 0.00 0.00	76.38 0.01 0.00
MARBLE_RIVER_WT_PWR 323696	105.90 1.78 0.00	47.59 0.62 0.00	42.20 0.44 0.00	69.99 0.74 0.00	56.93 0.57 0.00	65.03 0.59 0.00	86.36 0.68 0.00	60.34 0.40 0.00	59.88 0.28 0.00	100.89 0.36 0.00	112.05 0.07 0.00	98.66 0.07 0.00	81.58 -0.05 0.00	82.50 0.01 0.00	64.59 0.09 0.00	70.93 -0.06 0.00	80.47 -0.11 0.00	111.05 -0.43 0.00	117.10 -0.39 0.00	41.32 -0.09 0.00	54.59 -0.08 0.00	53.52 -0.05 0.00	65.73 0.17 0.00	76.55 0.18 0.00
MARSHVLE_115KV_TB1 80742	109.64 5.53 0.00	49.39 2.43 0.00	43.91 2.16 0.00	72.97 3.72 0.00	59.39 3.04 0.00	67.96 3.52 0.00	93.41 4.66 -3.07	193.52 3.31 -130.27	212.25 3.16 -149.50	189.93 4.65 -84.76	134.16 5.12 -17.05	134.98 4.39 -32.00	91.90 3.78 -6.48	118.40 3.74 -32.16	93.59 3.00 -26.08	81.22 3.84 -6.38	134.00 4.84 -48.57	159.22 7.06 -40.69	138.17 7.37 -13.30	162.74 2.47 -118.87	94.80 3.22 -36.90	67.63 3.20 -10.86	71.71 3.82 -2.34	146.99 4.08 -66.53
MARSH_HILL_WT_PWR 323713	100.40 -3.72 0.00	45.64 -1.33 0.00	40.57 -1.19 0.00	67.65 -1.60 0.00	54.72 -1.63 0.00	62.46 -1.98 0.00	82.80 -2.97 -0.08	61.30 -2.20 -3.56	61.65 -2.04 -4.09	99.91 -2.93 -2.32	108.18 -4.27 -0.47	96.13 -4.14 -1.68	78.31 -3.71 -0.39	80.25 -3.95 -1.70	62.74 -2.66 -1.54	68.46 -2.91 -0.37	80.29 -2.66 -2.37	109.83 -3.75 -2.10	113.57 -4.70 -0.78	46.12 -1.94 -6.66	54.42 -2.42 -2.17	52.06 -2.15 -0.64	62.87 -2.75 -0.06	75.21 -2.97 -1.82
MCINTYRE_115KV_TB2 80467	107.20 3.08 0.00	47.97 1.00 0.00	42.61 0.85 0.00	70.74 1.49 0.00	57.52 1.17 0.00	65.54 1.10 0.00	86.95 1.27 0.00	60.68 0.74 0.00	60.20 0.61 0.00	101.60 1.08 0.00	112.67 0.69 0.00	99.15 0.56 0.00	81.84 0.21 0.00	82.85 0.36 0.00	65.00 0.49 0.00	71.46 0.46 0.00	81.01 0.43 0.00	112.00 0.53 0.00	118.09 0.60 0.00	41.58 0.17 0.00	54.96 0.28 0.00	53.85 0.29 0.00	66.36 0.80 0.00	77.37 0.99 0.00
MECO_____69_KV_BK1 80468	111.57 7.45 0.00	50.28 3.31 0.00	44.68 2.93 0.00	74.22 4.97 0.00	60.43 4.07 0.00	69.27 4.83 0.00	95.52 6.54 -3.29	204.48 4.75 -139.79	224.69 4.67 -160.42	198.83 7.34 -90.96	138.21 7.92 -18.30	139.44 6.68 -34.18	93.86 5.31 -6.92	122.00 5.15 -34.35	96.40 4.08 -27.82	83.10 5.30 -6.81	139.35 6.85 -51.91	164.97 10.03 -43.47	142.17 10.49 -14.19	171.73 3.59 -126.73	98.69 4.65 -39.36	69.65 4.50 -11.59	73.29 5.22 -2.51	153.54 5.77 -71.40
MENANDS___115KV_TB5 355628	108.38 4.26 0.00	49.06 2.10 0.00	43.63 1.87 0.00	72.26 3.00 0.00	58.83 2.48 0.00	67.39 2.95 0.00	91.80 3.97 -2.14	153.70 2.83 -90.93	166.77 2.82 -104.35	164.30 4.61 -59.17	129.38 5.49 -11.90	127.82 4.93 -24.31	90.78 4.13 -5.03	111.10 4.16 -24.44	87.94 3.21 -20.23	79.05 3.10 -4.95	120.62 3.57 -36.47	147.14 4.82 -30.85	132.84 5.03 -10.32	134.46 1.85 -91.21	85.72 2.43 -28.62	64.38 2.39 -8.43	70.05 2.86 -1.63	126.61 3.79 -46.45
MG INDUSTRY___DRP 24185	108.08 3.96 0.00	48.96 1.99 0.00	43.55 1.80 0.00	72.17 2.92 0.00	58.78 2.43 0.00	67.29 2.85 0.00	90.74 3.72 -1.33	119.13 2.56 -56.63	127.08 2.49 -64.99	141.39 4.02 -36.85	123.94 4.54 -7.41	119.85 4.12 -17.15	88.67 3.40 -3.64	103.02 3.28 -17.25	81.73 2.57 -14.66	77.32 2.74 -3.59	109.15 3.25 -25.32	137.49 4.32 -21.70	129.43 4.46 -7.47	108.42 1.63 -65.39	77.53 2.11 -20.74	61.79 2.12 -6.10	69.18 2.60 -1.02	108.75 3.45 -28.94

MID___OSWEGATCHIE_HYD 23849	104.87 0.75 0.00	47.14 0.17 0.00	41.88 0.12 0.00	69.44 0.19 0.00	56.50 0.15 0.00	64.43 -0.01 0.00	85.58 -0.10 0.00	59.90 -0.04 0.00	59.59 -0.01 0.00	100.60 0.07 0.00	111.70 -0.29 0.00	98.17 -0.42 0.00	81.11 -0.52 0.00	82.01 -0.48 0.00	64.15 -0.35 0.00	70.63 -0.36 0.00	80.36 -0.22 0.00	111.25 -0.22 0.00	117.19 -0.30 0.00	41.26 -0.17 -0.03	54.33 -0.34 0.00	53.24 -0.32 0.00	65.37 -0.19 0.00	76.24 -0.13 0.00
MID___RAQUETTE_HYD 23851	104.71 0.59 0.00	46.93 -0.04 0.00	41.69 -0.07 0.00	69.17 -0.09 0.00	56.24 -0.11 0.00	63.96 -0.48 0.00	84.66 -1.03 0.00	59.10 -0.84 0.00	58.66 -0.94 0.00	98.95 -1.58 0.00	109.77 -2.21 0.00	96.61 -1.98 0.00	79.80 -1.83 0.00	80.76 -1.74 0.00	63.28 -1.22 0.00	69.49 -1.51 0.00	78.82 -1.76 0.00	108.91 -2.56 0.00	114.86 -2.63 0.00	40.47 -0.94 0.00	53.47 -1.20 0.00	52.44 -1.12 0.00	64.78 -0.78 0.00	75.64 -0.73 0.00
MILLIKEN___1 23584	104.27 0.16 0.00	47.15 0.18 0.00	41.92 0.15 0.00	69.64 0.39 0.00	56.66 0.30 0.00	64.88 0.44 0.00	86.46 0.68 -0.09	64.31 0.54 -3.83	64.63 0.63 -4.40	104.47 1.45 -2.49	113.75 1.26 -0.50	101.26 0.97 -1.71	82.88 0.86 -0.39	85.01 0.80 -1.72	66.56 0.50 -1.55	72.06 0.69 -0.38	84.13 1.13 -2.42	115.51 1.90 -2.14	120.06 1.78 -0.79	48.69 0.55 -6.74	57.53 0.67 -2.19	54.80 0.59 -0.64	66.08 0.45 -0.07	78.75 0.42 -1.95
MILLIKEN___2 23585	104.27 0.16 0.00	47.15 0.18 0.00	41.92 0.15 0.00	69.64 0.39 0.00	56.66 0.30 0.00	64.88 0.44 0.00	86.46 0.68 -0.09	64.31 0.54 -3.83	64.63 0.63 -4.40	104.47 1.45 -2.49	113.75 1.26 -0.50	101.26 0.97 -1.71	82.88 0.86 -0.39	85.01 0.80 -1.72	66.56 0.50 -1.55	72.06 0.69 -0.38	84.13 1.13 -2.42	115.51 1.90 -2.14	120.06 1.78 -0.79	48.69 0.55 -6.74	57.53 0.67 -2.19	54.80 0.59 -0.64	66.08 0.45 -0.07	78.75 0.42 -1.95
MILLIKEN___DIESEL 23629	104.27 0.16 0.00	47.15 0.18 0.00	41.92 0.15 0.00	69.64 0.39 0.00	56.66 0.30 0.00	64.88 0.44 0.00	86.46 0.68 -0.09	64.31 0.54 -3.83	64.63 0.63 -4.40	104.47 1.45 -2.49	113.75 1.26 -0.50	101.26 0.97 -1.71	82.88 0.86 -0.39	85.01 0.80 -1.72	66.56 0.50 -1.55	72.06 0.69 -0.38	84.13 1.13 -2.42	115.51 1.90 -2.14	120.06 1.78 -0.79	48.69 0.55 -6.74	57.53 0.67 -2.19	54.80 0.59 -0.64	66.08 0.45 -0.07	78.75 0.42 -1.95
MILLSEAT___LFGE 323607	95.02 -9.09 0.00	43.17 -3.80 0.00	38.43 -3.33 0.00	64.46 -4.79 0.00	51.87 -4.48 0.00	59.07 -5.37 0.00	77.89 -7.79 0.00	59.21 -5.95 -5.21	87.94 -5.53 -33.87	266.14 -8.95 -174.57	232.72 -10.52 -131.25	118.05 -9.81 -29.27	86.08 -8.07 -12.53	96.42 -8.22 -22.15	59.04 -6.49 -1.03	69.45 -6.37 -4.82	206.77 -6.83 -133.02	313.87 -9.41 -211.80	331.19 -10.56 -224.26	49.25 -4.14 -11.98	50.73 -5.40 -1.45	49.05 -4.94 -0.43	59.46 -6.09 0.00	70.08 -6.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	108.66 4.54 0.00	49.36 2.39 0.00	43.93 2.17 0.00	72.63 3.37 0.00	59.13 2.77 0.00	67.70 3.26 0.00	90.61 4.59 -0.34	77.82 3.55 -14.33	79.56 3.52 -16.44	115.70 5.84 -9.32	120.99 7.13 -1.88	112.33 6.30 -7.44	88.75 5.42 -1.71	95.34 5.30 -7.54	182.43 4.20 -113.72	307.72 4.55 -232.17	341.31 5.28 -255.45	210.03 7.76 -90.79	137.60 8.07 -12.03	205.87 2.88 -161.58	158.77 3.78 -100.32	80.28 3.60 -23.12	69.79 3.97 -0.26	88.21 4.44 -7.40
MILLWOOD_13_KV_LOAD 356217	108.83 4.71 0.00	49.43 2.46 0.00	44.01 2.25 0.00	72.74 3.49 0.00	59.20 2.85 0.00	67.82 3.38 0.00	90.74 4.72 -0.34	77.91 3.64 -14.33	79.67 3.63 -16.44	115.88 6.02 -9.32	121.16 7.30 -1.88	112.48 6.45 -7.44	88.88 5.54 -1.71	95.47 5.43 -7.54	182.52 4.30 -113.72	307.85 4.69 -232.17	341.46 5.43 -255.45	210.27 8.00 -90.79	137.85 8.33 -12.03	205.95 2.96 -161.58	158.86 3.87 -100.32	80.38 3.70 -23.12	69.89 4.08 -0.26	88.34 4.57 -7.40
MODEL_CITY_ENERGY 24167	91.70 -12.42 0.00	41.72 -5.24 0.00	37.15 -4.60 0.00	62.40 -6.86 0.00	50.12 -6.23 0.00	56.95 -7.49 0.00	74.89 -10.80 0.00	54.54 -8.42 -3.01	71.01 -8.15 -19.57	187.95 -13.45 -100.87	172.31 -15.52 -75.84	101.73 -14.27 -17.41	77.35 -11.63 -7.36	84.04 -11.73 -13.28	56.34 -9.26 -1.10	64.49 -9.42 -2.91	147.58 -10.50 -77.50	219.80 -14.67 -123.00	231.20 -16.13 -129.84	44.24 -6.15 -8.99	48.23 -8.00 -1.56	46.71 -7.31 -0.46	56.72 -8.83 0.00	67.12 -9.24 0.00
MODERN_LFGE___ 323580	91.70 -12.42 0.00	41.72 -5.24 0.00	37.15 -4.60 0.00	62.40 -6.86 0.00	50.12 -6.23 0.00	56.95 -7.49 0.00	74.89 -10.80 0.00	54.54 -8.42 -3.01	71.01 -8.15 -19.57	187.95 -13.45 -100.87	172.31 -15.52 -75.84	101.73 -14.27 -17.41	77.35 -11.63 -7.36	84.04 -11.73 -13.28	56.34 -9.26 -1.10	64.49 -9.42 -2.91	147.58 -10.50 -77.50	219.80 -14.67 -123.00	231.20 -16.13 -129.84	44.24 -6.15 -8.99	48.23 -8.00 -1.56	46.71 -7.31 -0.46	56.72 -8.83 0.00	67.12 -9.24 0.00
MOHAWK_PAPER___DRP 24187	108.73 4.62 0.00	49.20 2.24 0.00	43.75 1.99 0.00	72.48 3.23 0.00	59.01 2.66 0.00	67.61 3.17 0.00	92.21 4.29 -2.23	157.83 3.07 -94.81	171.46 3.06 -108.81	167.29 5.07 -61.69	130.36 5.96 -12.41	129.02 5.32 -25.11	91.30 4.48 -5.18	112.25 4.51 -25.25	88.84 3.48 -20.85	79.64 3.54 -5.11	122.39 4.09 -37.72	148.96 5.61 -31.88	133.99 5.86 -10.64	137.64 2.12 -94.11	86.94 2.75 -29.51	64.95 2.70 -8.69	70.46 3.20 -1.70	128.88 4.08 -48.43
MOHICAN___35_KV_115KV_LD 80490	111.24 7.12 0.00	50.35 3.38 0.00	44.69 2.93 0.00	74.05 4.80 0.00	60.27 3.91 0.00	69.23 4.79 0.00	95.69 6.68 -3.33	206.10 4.95 -141.21	226.71 5.05 -162.06	200.68 8.27 -91.88	139.77 9.30 -18.48	141.58 8.21 -34.77	95.66 6.98 -7.05	124.71 7.26 -34.96	98.56 5.69 -28.36	84.52 6.58 -6.94	141.12 7.76 -52.77	166.49 10.79 -44.22	143.01 11.05 -14.46	174.24 3.91 -128.92	99.92 5.11 -40.13	70.22 4.84 -11.81	73.73 5.64 -2.54	154.95 6.45 -72.13
MONGAUP___HYD 23641	109.46 5.35 0.00	49.66 2.70 0.00	44.17 2.41 0.00	73.11 3.85 0.00	59.53 3.18 0.00	68.23 3.79 0.00	91.42 5.43 -0.31	77.22 4.07 -13.21	78.74 3.99 -15.16	115.16 6.04 -8.59	121.10 7.39 -1.73	111.45 6.02 -6.84	87.96 4.76 -1.57	93.42 4.14 -6.78	51.25 3.25 16.51	27.59 4.09 47.50	43.25 5.37 42.70	110.85 8.29 8.91	127.68 8.83 -1.36	43.35 3.09 1.15	48.23 4.04 10.47	55.69 3.85 1.72	70.04 4.25 -0.23	87.74 4.75 -6.62
MONTAUK___DIESEL 23721	116.01 11.87 -0.03	52.75 5.78 -0.01	46.96 5.20 -0.01	77.70 8.44 -0.01	63.25 6.89 0.00	72.52 8.08 0.00	97.34 11.31 -0.34	82.64 8.28 -14.42	84.20 8.06 -16.54	122.42 12.51 -9.38	128.63 14.76 -1.89	119.14 13.07 -7.49	104.91 11.39 -11.90	101.64 11.28 -7.87	126.99 9.41 -53.08	180.24 10.94 -98.31	280.59 11.39 -188.61	167.72 18.60 -37.65	187.25 19.59 -50.18	248.32 6.92 -200.00	156.16 9.20 -92.29	148.73 8.82 -86.34	75.80 9.97 -0.28	149.02 11.59 -61.06
MOONROAD_115KV_HARTFLD_TB1-2 355988	99.36 -4.76 0.00	45.14 -1.82 0.00	40.20 -1.56 0.00	67.36 -1.89 0.00	54.25 -2.10 0.00	61.87 -2.57 0.00	81.56 -4.12 0.00	56.48 -3.47 0.00	56.38 -3.22 0.00	95.52 -5.01 0.00	105.97 -6.02 0.00	94.21 -5.62 -1.25	77.49 -4.45 -0.31	78.22 -5.50 -1.23	61.27 -4.51 -1.27	67.52 -3.78 -0.31	78.09 -4.11 -1.61	107.12 -5.88 -1.53	110.92 -7.22 -0.65	43.62 -2.97 -5.19	52.71 -3.76 -1.80	50.48 -3.62 -0.53	60.91 -4.64 0.00	71.27 -5.10 0.00

MORRIS_RIDGE___SOLAR 323848	97.97 -6.15 0.00	44.55 -2.41 0.00	39.60 -2.16 0.00	66.13 -3.13 0.00	53.44 -2.91 0.00	60.91 -3.53 0.00	80.53 -5.24 -0.08	59.41 -3.96 -3.43	59.69 -3.84 -3.93	96.71 -6.05 -2.23	104.89 -7.54 -0.45	93.17 -7.04 -1.62	57.48 -6.13 18.02	46.06 -6.42 30.02	60.88 -5.10 -1.48	66.64 -4.71 -0.36	77.86 -4.99 -2.27	106.40 -7.09 -2.02	110.18 -8.06 -0.75	44.70 -3.11 -6.40	52.71 -4.05 -2.09	50.45 -3.73 -0.61	61.03 -4.59 -0.06	73.16 -4.96 -1.74
MORTIMER_115KV_TB3 55949	97.25 -6.87 0.00	44.09 -2.88 0.00	39.22 -2.53 0.00	65.52 -3.74 0.00	52.94 -3.41 0.00	60.40 -4.04 0.00	80.00 -5.68 0.00	56.35 -4.31 -0.73	60.20 -4.12 -4.72	118.03 -6.83 -24.33	122.62 -7.66 -18.30	96.30 -7.07 -4.78	77.70 -5.64 -1.71	79.70 -5.73 -2.94	59.94 -4.57 0.00	67.00 -4.64 -0.63	93.93 -5.01 -18.36	133.93 -6.89 -29.35	141.03 -7.65 -31.18	39.61 -3.01 -1.22	50.65 -4.02 0.00	49.81 -3.75 0.00	60.98 -4.57 0.00	71.51 -4.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	109.08 4.97 0.00	49.59 2.62 0.00	44.14 2.38 0.00	72.92 3.67 0.00	59.37 3.02 0.00	67.99 3.55 0.00	91.00 4.98 -0.34	78.26 3.90 -14.41	80.06 3.93 -16.54	116.33 6.42 -9.38	121.68 7.81 -1.89	112.99 6.91 -7.49	89.33 5.98 -1.72	95.93 5.84 -7.59	94.47 4.55 -25.41	117.36 4.92 -41.45	139.06 5.65 -52.83	143.26 8.28 -23.51	131.11 8.59 -5.03	97.43 3.07 -52.95	84.20 4.02 -25.51	63.79 3.83 -6.40	70.04 4.22 -0.26	88.50 4.69 -7.44
MUNSVILLE_WIND_PWR 323609	113.63 9.52 0.00	51.41 4.44 0.00	45.75 3.99 0.00	76.08 6.83 0.00	61.94 5.58 0.00	71.28 6.84 0.00	95.41 9.51 -0.21	76.07 7.03 -9.10	77.21 7.17 -10.45	118.97 12.52 -5.92	126.24 13.06 -1.19	113.17 11.09 -3.50	91.33 8.93 -0.77	94.70 8.70 -3.51	74.17 6.56 -3.11	79.47 7.72 -0.76	95.14 9.54 -5.01	129.77 13.90 -4.39	133.48 14.41 -1.58	59.84 4.87 -13.57	65.36 6.29 -4.39	60.78 5.92 -1.29	72.12 6.40 -0.16	87.86 6.85 -4.64
N SALMON___HYD 24042	107.33 3.21 0.00	48.23 1.26 0.00	42.82 1.07 0.00	71.08 1.82 0.00	57.80 1.45 0.00	65.97 1.53 0.00	87.59 1.90 0.00	61.24 1.30 0.00	60.80 1.21 0.00	102.54 2.01 0.00	113.76 1.77 0.00	100.10 1.51 0.00	82.72 1.09 0.00	83.62 1.13 0.00	65.50 0.99 0.00	71.76 0.77 0.00	81.62 1.04 0.00	112.78 1.30 0.00	118.97 1.48 0.00	41.95 0.55 0.00	55.41 0.73 0.00	54.31 0.74 0.00	66.72 1.16 0.00	77.67 1.30 0.00
N.AKRON__115KV_KNAPP 355671	94.27 -9.84 0.00	42.86 -4.10 0.00	38.16 -3.60 0.00	64.04 -5.22 0.00	51.51 -4.84 0.00	58.62 -5.82 0.00	77.22 -8.47 0.00	59.08 -6.51 -5.64	90.10 -6.16 -36.66	279.29 -10.19 -188.95	242.38 -11.68 -142.07	119.39 -10.81 -31.62	86.44 -8.73 -13.54	97.38 -9.02 -23.90	58.47 -7.08 -1.04	69.13 -7.06 -5.20	216.71 -7.76 -143.89	330.02 -10.63 -229.17	348.30 -11.89 -242.70	49.46 -4.64 -12.68	50.19 -5.96 -1.48	48.53 -5.47 -0.43	58.89 -6.66 0.00	69.51 -6.86 0.00
N.BELMOR_69_KV_BK1 55787	111.29 7.17 -0.01	50.49 3.53 0.00	44.89 3.14 0.00	74.22 4.96 0.00	60.34 3.98 0.00	69.04 4.60 0.00	92.41 6.38 -0.34	79.20 4.84 -14.42	80.93 4.79 -16.54	117.21 7.30 -9.38	122.30 8.43 -1.89	114.03 7.95 -7.49	97.57 7.15 -8.78	97.34 6.89 -7.95	113.23 5.73 -43.00	154.88 6.28 -77.60	227.73 7.09 -140.06	163.90 10.10 -42.33	189.41 10.43 -61.49	196.91 3.79 -151.72	127.77 5.00 -68.10	116.60 4.91 -58.13	71.37 5.55 -0.26	126.68 6.50 -43.81
N.E_GEN_SANDY PD 24062	112.71 4.98 -3.61	57.72 2.49 -8.26	54.72 2.23 -10.73	76.03 3.54 -3.23	59.23 2.88 0.00	67.81 3.37 0.00	93.65 4.66 -3.30	100.36 3.44 -36.98	106.49 3.41 -43.49	129.60 5.49 -23.57	122.06 6.45 -3.62	117.12 5.80 -12.74	89.29 4.89 -2.77	100.25 4.93 -12.83	85.33 3.91 -16.91	98.00 4.31 -22.69	123.74 4.92 -38.24	179.56 7.00 -61.09	151.10 7.24 -26.36	127.63 2.63 -83.59	98.05 3.43 -39.95	91.36 3.32 -34.48	99.03 3.81 -29.67	110.79 4.46 -29.96
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	107.90 3.79 0.00	49.02 2.05 0.00	43.63 1.88 0.00	72.15 2.89 0.00	58.72 2.37 0.00	67.26 2.82 0.00	90.03 4.02 -0.33	76.99 3.13 -13.91	78.64 3.07 -15.97	114.95 5.36 -9.05	120.54 6.73 -1.82	111.69 5.88 -7.22	88.33 5.04 -1.66	94.19 4.61 -7.09	40.11 3.22 27.61	2.44 3.40 71.96	16.13 3.93 68.38	100.22 5.98 17.23	124.35 6.28 -0.58	29.58 2.23 14.05	37.83 2.90 19.74	52.56 2.76 3.77	68.73 2.93 -0.24	86.45 3.20 -6.88
N.QUEENS_27_KV_LOAD 356247	109.54 5.42 0.00	49.85 2.88 0.00	44.38 2.62 0.00	73.30 4.05 0.00	59.69 3.34 0.00	68.39 3.95 0.00	91.45 5.43 -0.34	78.62 4.26 -14.41	80.42 4.29 -16.54	116.86 6.96 -9.38	122.54 8.66 -1.89	113.36 7.29 -7.49	89.97 6.62 -1.72	96.25 6.17 -7.59	94.77 4.82 -25.44	117.60 5.09 -41.52	139.40 5.87 -52.95	143.62 8.62 -23.53	131.38 8.86 -5.03	97.60 3.21 -52.99	84.32 4.11 -25.53	63.92 3.94 -6.41	70.12 4.31 -0.26	88.57 4.75 -7.44
N.TROY___115KV_TB1 355778	108.83 4.72 0.00	49.25 2.28 0.00	43.77 2.01 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.64 3.20 0.00	92.81 4.36 -2.77	180.63 3.17 -117.51	197.63 3.18 -134.85	182.17 5.18 -76.46	133.38 6.01 -15.38	133.78 5.36 -29.83	92.23 4.51 -6.09	117.11 4.62 -29.99	92.65 3.63 -24.52	80.97 3.98 -6.00	130.23 4.57 -45.08	155.74 6.36 -37.91	136.55 6.55 -12.51	154.88 2.37 -111.10	92.45 3.08 -34.70	66.77 2.99 -10.21	71.17 3.50 -2.11	140.59 4.20 -60.03
NARROWS_GT1_1 24228	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT1_2 24229	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT1_3 24230	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT1_4 24231	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44

NARROWS_GT1_5 24232	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT1_6 24233	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT1_7 24234	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT1_8 24235	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_1 24236	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_2 24237	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_3 24238	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_4 24239	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_5 24240	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_6 24241	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_7 24242	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NARROWS_GT2_8 24243	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	98.48 6.07 -9.92	97.73 4.68 -28.54	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	112.01 7.90 0.00	50.71 3.74 0.00	45.10 3.34 0.00	74.79 5.54 0.00	60.98 4.63 0.00	69.91 5.47 0.00	94.13 7.17 -1.28	119.14 4.99 -54.20	126.77 4.98 -62.20	143.86 8.06 -35.27	127.77 8.69 -7.09	122.33 7.28 -16.45	90.93 5.81 -3.50	104.75 5.71 -16.54	83.10 4.53 -14.06	79.58 5.14 -3.44	111.35 6.49 -24.27	141.38 9.10 -20.81	134.19 9.52 -7.17	107.46 3.32 -62.73	78.91 4.33 -19.90	63.70 4.27 -5.86	71.68 5.15 -0.97	110.54 6.49 -27.68
NCHELSEA_115KV_TR2 355582	110.26 6.15 0.00	50.05 3.08 0.00	44.54 2.78 0.00	73.69 4.44 0.00	59.99 3.64 0.00	68.74 4.29 0.00	92.03 5.98 -0.36	79.94 4.53 -15.46	81.85 4.52 -17.74	118.07 7.48 -10.06	122.78 8.77 -2.02	113.84 7.57 -7.69	89.75 6.37 -1.76	96.47 6.25 -7.73	76.48 4.91 -7.06	78.23 5.50 -1.73	97.85 6.49 -10.78	130.65 9.56 -9.61	131.08 9.99 -3.60	75.54 3.53 -30.61	69.27 4.61 -9.99	60.90 4.39 -2.94	70.74 4.90 -0.28	89.77 5.52 -7.89
NEG CAPITAL___MECHNVIL 23645	110.29 6.18 0.00	49.89 2.93 0.00	44.34 2.58 0.00	73.47 4.22 0.00	59.80 3.45 0.00	68.59 4.15 0.00	94.55 5.70 -3.16	198.20 4.17 -134.09	217.68 4.21 -153.88	194.77 7.00 -87.25	137.61 8.07 -17.55	138.96 7.08 -33.29	94.34 5.95 -6.76	122.05 6.09 -33.46	96.49 4.78 -27.21	83.02 5.36 -6.66	137.31 6.27 -50.46	162.59 8.79 -42.32	140.39 9.03 -13.88	168.16 3.19 -123.57	97.34 4.16 -38.50	68.87 3.97 -11.33	72.59 4.63 -2.41	150.21 5.35 -68.49

NEG CENTRAL_HIGH_ACRES 23767	96.68 -7.43 0.00	43.83 -3.14 0.00	38.98 -2.78 0.00	65.03 -4.23 0.00	52.61 -3.74 0.00	60.13 -4.31 0.00	79.76 -5.93 0.00	55.59 -4.35 0.00	55.46 -4.13 0.00	93.77 -6.75 0.00	104.33 -7.66 0.00	91.60 -6.99 0.00	75.97 -5.66 0.00	76.81 -5.68 0.00	60.01 -4.50 0.00	66.39 -4.61 0.00	75.59 -5.00 0.00	104.63 -6.84 0.00	109.84 -7.65 0.00	38.58 -2.96 -0.13	50.69 -3.98 0.00	49.78 -3.78 0.00	60.90 -4.66 0.00	71.26 -5.11 0.00
NEG CENTRAL___DRP 24199	100.99 -3.12 0.00	45.82 -1.14 0.00	40.75 -1.01 0.00	67.71 -1.54 0.00	55.01 -1.34 0.00	62.96 -1.49 0.00	83.70 -1.99 0.00	58.55 -1.39 0.00	58.29 -1.30 0.00	98.62 -1.91 0.00	109.51 -2.48 0.00	97.23 -2.26 -0.90	80.11 -1.75 -0.23	81.53 -1.87 -0.91	63.88 -1.55 -0.92	69.77 -1.45 -0.22	80.35 -1.39 -0.16	110.60 -1.98 -0.11	115.40 -2.56 -0.47	44.29 -0.88 -3.76	54.77 -1.21 -1.30	52.76 -1.19 -0.38	63.92 -1.64 0.00	74.42 -1.96 0.00
NEG CENTRAL___INDECK 23768	97.83 -6.28 0.00	44.56 -2.41 0.00	39.61 -2.15 0.00	66.02 -3.23 0.00	52.71 -3.64 0.00	59.62 -4.82 0.00	78.60 -7.09 0.00	55.16 -4.78 0.00	54.98 -4.62 0.00	91.93 -8.60 0.00	102.50 -9.48 0.00	91.02 -8.80 -1.24	74.19 -7.76 -0.32	75.41 -8.34 -1.26	59.62 -6.16 -1.26	65.54 -5.77 -0.31	76.08 -6.10 -1.60	103.96 -9.04 -1.52	107.84 -10.30 -0.64	43.32 -3.24 -5.16	51.90 -4.56 -1.79	49.70 -4.39 -0.53	59.94 -5.62 0.00	69.41 -6.96 0.00
NEG CENTRAL___SENECA 23627	100.48 -3.64 0.00	45.73 -1.24 0.00	40.66 -1.10 0.00	67.60 -1.65 0.00	54.88 -1.47 0.00	62.79 -1.66 0.00	83.39 -2.30 0.00	58.35 -1.60 0.00	58.11 -1.48 0.00	98.40 -2.13 0.00	109.02 -2.96 0.00	96.93 -2.68 -1.02	79.84 -2.05 -0.26	81.33 -2.18 -1.03	63.72 -1.83 -1.04	69.54 -1.70 -0.25	80.28 -1.62 -1.31	110.20 -2.53 -1.25	114.72 -3.30 -0.53	44.53 -1.12 -4.25	54.64 -1.51 -1.47	52.54 -1.46 -0.43	63.55 -2.01 0.00	74.06 -2.31 0.00
NEG CENTRAL___STATE_STREET 24147	102.27 -1.84 0.00	46.26 -0.70 0.00	41.14 -0.62 0.00	68.34 -0.92 0.00	55.57 -0.78 0.00	63.61 -0.83 0.00	84.62 -1.07 0.00	59.23 -0.71 0.00	58.98 -0.62 0.00	99.77 -0.76 0.00	110.91 -1.07 0.00	98.44 -1.03 -0.89	81.04 -0.82 -0.22	82.48 -0.90 -0.89	64.62 -0.78 -0.90	70.53 -0.68 -0.22	81.23 -0.49 -1.14	112.13 -0.43 -1.09	117.23 -0.72 -0.46	44.89 -0.20 -3.68	55.64 -0.31 -1.28	53.60 -0.34 -0.37	64.94 -0.61 0.00	75.43 -0.94 0.00
NEG MILLWOOD___DRP 24198	110.60 6.48 0.00	50.20 3.24 0.00	44.68 2.92 0.00	73.92 4.67 0.00	60.18 3.83 0.00	68.94 4.50 0.00	92.32 6.28 -0.36	79.84 4.75 -15.15	81.75 4.77 -17.38	118.25 7.86 -9.86	123.16 9.20 -1.98	114.27 8.01 -7.67	90.15 6.76 -1.76	96.90 6.67 -7.74	82.02 5.27 -12.24	89.67 5.84 -12.84	110.04 6.86 -22.60	135.12 10.09 -13.56	132.05 10.53 -4.03	82.21 3.73 -37.07	73.95 4.87 -14.40	62.13 4.64 -3.93	71.03 5.20 -0.27	89.99 5.86 -7.76
NEG NORTH_FLCN_SEA 23793	106.49 2.37 0.00	47.92 0.96 0.00	42.38 0.63 0.00	70.28 1.03 0.00	57.18 0.83 0.00	65.37 0.93 0.00	86.83 1.15 0.00	60.77 0.83 0.00	60.26 0.66 0.00	101.44 0.91 0.00	112.68 0.69 0.00	99.24 0.66 0.00	81.98 0.36 0.00	82.94 0.45 0.00	64.95 0.44 0.00	71.26 0.27 0.00	80.98 0.40 0.00	111.75 0.28 0.00	117.71 0.21 0.00	41.57 0.16 0.00	54.92 0.25 0.00	53.79 0.22 0.00	65.96 0.40 0.00	76.77 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	106.23 2.11 0.00	47.72 0.76 0.00	42.33 0.57 0.00	70.23 0.98 0.00	57.12 0.76 0.00	65.23 0.79 0.00	86.60 0.92 0.00	60.51 0.57 0.00	60.04 0.45 0.00	101.18 0.65 0.00	112.32 0.34 0.00	98.91 0.32 0.00	81.72 0.09 0.00	82.67 0.17 0.00	64.74 0.23 0.00	71.09 0.09 0.00	80.65 0.07 0.00	111.26 -0.22 0.00	117.41 -0.08 0.00	41.43 0.03 0.00	54.76 0.09 0.00	53.69 0.12 0.00	65.94 0.39 0.00	76.75 0.38 0.00
NEG NORTH___ALICE_FALLS 23915	107.55 3.44 0.00	48.40 1.44 0.00	42.88 1.13 0.00	71.11 1.86 0.00	57.85 1.51 0.00	66.15 1.71 0.00	87.87 2.19 0.00	61.48 1.54 0.00	60.97 1.37 0.00	102.66 2.14 0.00	114.03 2.05 0.00	100.38 1.80 0.00	82.88 1.26 0.00	83.83 1.34 0.00	65.66 1.15 0.00	71.97 0.97 0.00	81.88 1.30 0.00	113.10 1.62 0.00	119.17 1.68 0.00	42.07 0.67 0.00	55.56 0.88 0.00	54.41 0.84 0.00	66.70 1.14 0.00	77.61 1.24 0.00
NEG NORTH___LWR_SARANAC 23913	107.55 3.44 0.00	48.40 1.44 0.00	42.88 1.13 0.00	71.11 1.86 0.00	57.85 1.51 0.00	66.15 1.71 0.00	87.87 2.19 0.00	61.48 1.54 0.00	60.97 1.37 0.00	102.66 2.14 0.00	114.03 2.05 0.00	100.38 1.80 0.00	82.88 1.26 0.00	83.83 1.34 0.00	65.66 1.15 0.00	71.97 0.97 0.00	81.88 1.30 0.00	113.10 1.62 0.00	119.17 1.68 0.00	42.07 0.67 0.00	55.56 0.88 0.00	54.41 0.84 0.00	66.70 1.14 0.00	77.61 1.24 0.00
NEG NORTH___PLATTSBURG 23628	107.55 3.43 0.00	48.40 1.44 0.00	42.88 1.12 0.00	71.11 1.86 0.00	57.85 1.51 0.00	66.15 1.71 0.00	87.87 2.19 0.00	61.48 1.54 0.00	60.97 1.38 0.00	102.66 2.13 0.00	114.03 2.04 0.00	100.37 1.78 0.00	82.91 1.29 0.00	83.83 1.34 0.00	65.66 1.15 0.00	71.96 0.96 0.00	81.88 1.29 0.00	113.09 1.62 0.00	119.16 1.67 0.00	42.07 0.66 0.00	55.56 0.88 0.00	54.41 0.84 0.00	66.69 1.14 0.00	77.61 1.24 0.00
NEG WEST_LEA_LOCKPORT 23791	92.12 -12.00 0.00	41.90 -5.06 0.00	37.32 -4.44 0.00	62.69 -6.56 0.00	50.35 -6.00 0.00	57.20 -7.24 0.00	75.20 -10.49 0.00	27.96 -8.04 23.94	-103.67 -7.74 155.53	-713.97 -12.93 801.57	-505.39 -14.69 602.68	-43.55 -13.41 128.73	14.62 -10.83 56.18	-24.76 -11.09 96.16	56.87 -8.71 -1.08	41.37 -8.92 20.71	-532.84 -9.97 603.45	-867.90 -13.81 965.56	-924.49 -15.21 1026.77	4.31 -5.78 31.32	48.80 -7.40 -1.53	47.22 -6.80 -0.45	57.36 -8.19 0.00	67.81 -8.56 0.00
NEG WEST___LANCASTR 23811	98.36 -5.75 0.00	44.68 -2.29 0.00	39.72 -2.04 0.00	66.62 -2.63 0.00	53.71 -2.64 0.00	60.97 -3.47 0.00	80.28 -5.41 0.00	55.50 -4.44 0.00	55.21 -4.39 0.00	93.59 -6.94 0.00	103.86 -8.13 0.00	92.79 -7.06 -1.27	76.45 -5.49 -0.32	77.73 -6.02 -1.25	61.07 -4.73 -1.29	66.48 -4.83 -0.32	76.45 -5.76 -1.64	104.89 -8.14 -1.56	108.52 -9.63 -0.66	42.89 -3.79 -5.28	51.64 -4.86 -1.83	49.60 -4.50 -0.54	60.23 -5.33 0.00	70.88 -5.49 0.00
NEG_PENN_ALLEGHNY 23528	102.95 -1.17 0.00	46.58 -0.39 0.00	41.41 -0.35 0.00	68.81 -0.45 0.00	55.98 -0.37 0.00	64.04 -0.40 0.00	85.26 -0.57 -0.14	65.64 -0.40 -6.10	66.23 -0.36 -7.00	104.43 -0.07 -3.97	112.33 -0.45 -0.80	100.94 -0.44 -2.80	81.85 -0.42 -0.63	84.86 -0.44 -2.81	66.56 -0.48 -2.54	71.16 -0.46 -0.62	84.15 -0.38 -3.94	114.62 -0.35 -3.50	118.28 -0.51 -1.30	52.12 -0.32 -11.03	57.83 -0.44 -3.59	54.19 -0.43 -1.06	64.98 -0.68 -0.11	78.71 -0.77 -3.11
NEG___GEN_MONROE 24207	97.49 -6.63 0.00	44.20 -2.76 0.00	39.33 -2.43 0.00	65.74 -3.51 0.00	53.10 -3.25 0.00	60.57 -3.87 0.00	80.18 -5.50 0.00	56.69 -4.22 -0.97	61.94 -3.97 -6.31	126.51 -6.56 -32.55	129.07 -7.39 -24.47	97.83 -6.88 -6.12	78.61 -5.52 -2.50	81.63 -5.65 -4.79	60.88 -4.49 -0.87	67.57 -4.49 -1.07	101.43 -4.81 -25.66	145.29 -6.50 -40.31	152.39 -7.26 -42.16	43.49 -2.92 -5.01	52.04 -3.87 -1.23	50.34 -3.59 -0.36	61.15 -4.40 0.00	71.75 -4.62 0.00

NEPA___ENERGY 23901	96.72 -7.39 0.00	43.99 -2.97 0.00	39.15 -2.60 0.00	65.65 -3.60 0.00	52.83 -3.52 0.00	60.15 -4.29 0.00	79.23 -6.46 0.00	54.77 -5.17 0.00	54.64 -4.96 0.00	92.41 -8.11 0.00	102.56 -9.43 0.00	91.08 -8.70 -1.19	75.08 -6.84 -0.29	76.33 -7.33 -1.17	59.80 -5.92 -0.30	65.53 -5.77 -0.30	75.76 -6.36 -1.53	104.02 -8.91 -1.46	107.82 -10.29 -0.62	42.28 -4.08 -4.95	51.14 -5.25 -1.71	49.16 -4.91 -0.51	59.52 -6.03 0.00	69.95 -6.42 0.00
NEVERSink___HYD 23608	109.13 5.01 0.00	49.38 2.42 0.00	43.92 2.16 0.00	72.72 3.47 0.00	59.23 2.88 0.00	67.94 3.49 0.00	91.09 5.03 -0.38	79.82 3.87 -16.01	81.83 3.86 -18.38	117.27 6.33 -10.42	121.24 7.16 -2.10	111.76 5.80 -7.38	88.04 4.74 -1.67	94.40 4.53 -7.39	66.91 3.55 1.15	59.97 4.25 15.28	78.33 5.36 7.61	122.74 8.05 -3.22	128.81 8.53 -2.79	63.82 2.99 -19.42	61.39 3.89 -2.82	58.53 3.66 -1.30	69.83 3.99 -0.29	88.86 4.35 -8.14
NEWKRMKL_115KV_TB1 55635	108.22 4.11 0.00	48.99 2.03 0.00	43.56 1.81 0.00	72.17 2.92 0.00	58.77 2.42 0.00	67.32 2.88 0.00	91.58 3.84 -2.06	150.19 2.74 -87.51	162.74 2.72 -100.43	161.93 4.46 -56.94	128.78 5.34 -11.45	126.97 4.78 -23.61	90.52 4.00 -4.89	110.23 4.00 -23.74	87.22 3.03 -19.68	78.57 2.75 -4.82	119.15 3.19 -35.37	145.65 4.23 -29.95	132.00 4.47 -10.04	131.74 1.65 -88.69	84.69 2.16 -27.85	63.91 2.15 -8.20	69.75 2.62 -1.57	124.75 3.67 -44.71
NEWTON___FALLS_HYD 23847	104.87 0.75 0.00	47.14 0.17 0.00	41.88 0.12 0.00	69.44 0.19 0.00	56.50 0.15 0.00	64.43 -0.01 0.00	85.58 -0.10 0.00	59.90 -0.04 0.00	59.59 -0.01 0.00	100.60 0.07 0.00	111.70 -0.29 0.00	98.17 -0.42 0.00	81.11 -0.52 0.00	82.01 -0.48 0.00	64.15 -0.35 0.00	70.63 -0.36 0.00	80.36 -0.22 0.00	111.25 -0.22 0.00	117.19 -0.30 0.00	41.26 -0.17 -0.03	54.33 -0.34 0.00	53.24 -0.32 0.00	65.37 -0.19 0.00	76.24 -0.13 0.00
NGRID_A1_DSASP 323792	91.43 -12.69 0.00	41.61 -5.35 0.00	37.09 -4.67 0.00	62.33 -6.93 0.00	50.01 -6.34 0.00	56.79 -7.66 0.00	74.65 -11.03 0.00	51.34 -8.60 0.00	51.20 -8.40 0.00	86.64 -13.89 0.00	95.98 -16.00 0.00	84.93 -14.74 -1.09	69.90 -12.00 -0.27	71.51 -12.06 -1.08	56.06 -9.55 -1.10	61.53 -9.74 -0.27	71.13 -10.85 -1.40	97.57 -15.24 -1.33	101.35 -16.71 -0.56	39.51 -6.41 -4.52	47.92 -8.32 -1.56	46.41 -7.62 -0.46	56.44 -9.11 0.00	66.79 -9.58 0.00
NGRID_A2_DSASP 323793	91.43 -12.69 0.00	41.61 -5.35 0.00	37.09 -4.67 0.00	62.33 -6.93 0.00	50.01 -6.34 0.00	56.79 -7.66 0.00	74.65 -11.03 0.00	51.34 -8.60 0.00	51.20 -8.40 0.00	86.64 -13.89 0.00	95.98 -16.00 0.00	84.93 -14.74 -1.09	69.90 -12.00 -0.27	71.51 -12.06 -1.08	56.06 -9.55 -1.10	61.53 -9.74 -0.27	71.13 -10.85 -1.40	97.57 -15.24 -1.33	101.35 -16.71 -0.56	39.51 -6.41 -4.52	47.92 -8.32 -1.56	46.41 -7.62 -0.46	56.44 -9.11 0.00	66.79 -9.58 0.00
NGRID_A4_DSASP 323807	91.43 -12.69 0.00	41.61 -5.35 0.00	37.09 -4.67 0.00	62.33 -6.93 0.00	50.01 -6.34 0.00	56.79 -7.66 0.00	74.65 -11.03 0.00	51.34 -8.60 0.00	51.20 -8.40 0.00	86.64 -13.89 0.00	95.98 -16.00 0.00	84.93 -14.74 -1.09	69.90 -12.00 -0.27	71.51 -12.06 -1.08	56.06 -9.55 -1.10	61.53 -9.74 -0.27	71.13 -10.85 -1.40	97.57 -15.24 -1.33	101.35 -16.71 -0.56	39.51 -6.41 -4.52	47.92 -8.32 -1.56	46.41 -7.62 -0.46	56.44 -9.11 0.00	66.79 -9.58 0.00
NIAGARA_115E_LBMP 323715	91.26 -12.85 0.00	41.53 -5.44 0.00	36.97 -4.78 0.00	62.13 -7.12 0.00	49.88 -6.47 0.00	56.68 -7.76 0.00	74.51 -11.18 0.00	52.56 -8.79 -1.41	60.15 -8.60 -9.16	133.48 -14.26 -47.20	131.06 -16.42 -35.49	92.23 -15.09 -8.74	72.92 -12.29 -3.58	76.89 -12.39 -6.78	55.83 -9.79 -1.11	62.53 -9.97 -1.51	106.45 -11.16 -37.02	154.15 -15.60 -58.28	161.44 -17.12 -61.06	41.53 -6.53 -6.65	47.76 -8.49 -1.57	46.28 -7.75 -0.46	56.19 -9.36 0.00	66.57 -9.79 0.00
NIAGARA_115W_LBMP 323714	91.29 -12.83 0.00	41.56 -5.40 0.00	37.02 -4.73 0.00	62.21 -7.05 0.00	49.92 -6.43 0.00	56.70 -7.74 0.00	74.53 -11.16 0.00	51.25 -8.69 0.00	51.11 -8.49 0.00	86.45 -14.08 0.00	95.79 -16.19 0.00	84.75 -14.92 -1.08	69.78 -12.12 -0.27	71.39 -12.18 -1.08	55.97 -9.64 -1.10	61.42 -9.84 -0.27	70.97 -11.01 -1.40	97.38 -15.43 -1.33	101.15 -16.90 -0.56	39.44 -6.48 -4.51	47.82 -8.42 -1.56	46.33 -7.70 -0.46	56.33 -9.22 0.00	66.67 -9.70 0.00
NIAGARA_230_LBMP 323716	92.35 -11.77 0.00	42.01 -4.96 0.00	37.41 -4.34 0.00	62.83 -6.42 0.00	50.46 -5.89 0.00	57.34 -7.10 0.00	75.39 -10.29 0.00	50.37 -8.00 1.57	41.65 -7.75 10.20	35.19 -12.77 52.57	57.74 -14.72 39.52	77.59 -13.55 7.44	67.16 -11.02 3.45	66.05 -11.10 5.33	56.80 -8.80 -1.09	60.82 -9.07 1.11	32.28 -10.02 38.28	35.33 -14.05 62.09	35.25 -15.43 66.81	37.59 -5.93 -2.11	48.43 -7.79 -1.54	46.86 -7.16 -0.45	56.99 -8.56 0.00	67.38 -8.99 0.00
NIAGARA___115KV_198_GIBSON 55903	91.29 -12.83 0.00	41.56 -5.40 0.00	37.03 -4.73 0.00	62.21 -7.05 0.00	49.92 -6.43 0.00	56.70 -7.74 0.00	74.53 -11.15 0.00	51.23 -8.71 0.00	51.00 -8.59 0.00	86.09 -14.44 0.00	95.65 -16.34 0.00	84.69 -14.98 -1.08	69.84 -12.06 -0.27	71.30 -12.27 -1.08	55.93 -9.69 -1.10	61.32 -9.94 -0.27	70.76 -11.22 -1.40	97.23 -15.58 -1.33	101.00 -17.06 -0.56	39.36 -6.56 -4.51	47.80 -8.44 -1.56	46.27 -7.75 -0.46	56.30 -9.25 0.00	66.67 -9.70 0.00
NIAGARA___ 23760	92.35 -11.77 0.00	42.01 -4.96 0.00	37.41 -4.34 0.00	62.83 -6.42 0.00	50.46 -5.89 0.00	57.34 -7.10 0.00	75.39 -10.29 0.00	51.76 -8.00 0.17	51.78 -7.75 0.07	92.74 -12.77 -4.99	94.45 -14.72 2.81	84.97 -13.55 0.07	70.42 -11.02 0.19	71.47 -11.10 -0.08	56.81 -8.80 -1.10	61.97 -9.07 -0.04	66.30 -10.02 4.26	92.69 -14.05 4.73	98.08 -15.43 3.99	39.90 -5.93 -4.42	48.44 -7.79 -1.56	46.86 -7.16 -0.46	56.99 -8.56 0.00	67.38 -8.99 0.00
NINE_MILE_1 23575	99.46 -4.65 0.00	44.96 -2.00 0.00	39.97 -1.79 0.00	66.35 -2.90 0.00	53.96 -2.39 0.00	61.72 -2.72 0.00	82.05 -3.63 0.00	57.40 -2.54 0.00	57.12 -2.48 0.00	96.44 -4.09 0.00	107.38 -4.61 0.00	94.47 -4.12 0.00	78.26 -3.37 0.00	79.08 -3.42 0.00	61.81 -2.69 0.00	68.09 -2.90 0.00	77.41 -3.17 0.00	107.16 -4.32 0.00	112.82 -4.67 0.00	39.79 -1.69 -0.07	52.39 -2.28 0.00	51.34 -2.22 0.00	62.78 -2.77 0.00	73.17 -3.20 0.00
NINE_MILE_2 23744	99.46 -4.65 0.00	44.96 -2.00 0.00	39.97 -1.79 0.00	66.35 -2.90 0.00	53.96 -2.39 0.00	61.73 -2.72 0.00	82.06 -3.63 0.00	57.40 -2.54 0.00	57.12 -2.48 0.00	96.44 -4.09 0.00	107.38 -4.61 0.00	94.47 -4.11 0.00	78.27 -3.36 0.00	79.08 -3.41 0.00	61.83 -2.68 0.00	68.10 -2.90 0.00	77.42 -3.17 0.00	107.16 -4.31 0.00	112.82 -4.67 0.00	39.79 -1.68 -0.07	52.39 -2.28 0.00	51.35 -2.21 0.00	62.78 -2.77 0.00	73.18 -3.19 0.00
NM_CAPITAL___DRP 24208	108.23 4.11 0.00	49.01 2.05 0.00	43.58 1.83 0.00	72.17 2.92 0.00	58.77 2.41 0.00	67.32 2.88 0.00	91.59 3.88 -2.03	148.65 2.76 -85.95	160.97 2.74 -98.64	160.91 4.46 -55.92	128.57 5.33 -11.25	126.66 4.80 -23.27	90.47 4.01 -4.83	109.94 4.04 -23.40	87.01 3.08 -19.43	78.67 2.92 -4.76	118.79 3.35 -34.86	145.51 4.52 -29.52	132.14 4.74 -9.91	130.63 1.75 -87.48	84.44 2.28 -27.48	63.91 2.26 -8.09	69.82 2.73 -1.54	123.97 3.69 -43.91

NM_CENTRAL___DRP 24181	101.20 -2.92 0.00	45.77 -1.20 0.00	40.70 -1.06 0.00	67.58 -1.67 0.00	54.97 -1.38 0.00	62.92 -1.52 0.00	83.68 -2.01 0.00	58.58 -1.37 0.00	58.30 -1.30 0.00	98.52 -2.01 0.00	109.65 -2.33 0.00	96.42 -2.17 0.00	79.92 -1.71 0.00	80.73 -1.76 0.00	63.08 -1.42 0.00	69.50 -1.50 0.00	79.08 -1.50 0.00	109.56 -1.92 0.00	115.30 -2.19 0.00	40.65 -0.85 -0.10	53.47 -1.20 0.00	52.38 -1.18 0.00	63.95 -1.60 0.00	74.56 -1.81 0.00
NM_FRONTIER___DRP 24179	91.29 -12.83 0.00	41.56 -5.40 0.00	37.03 -4.73 0.00	62.21 -7.05 0.00	49.92 -6.43 0.00	56.70 -7.74 0.00	74.53 -11.15 0.00	51.23 -8.71 0.00	51.00 -8.59 0.00	86.09 -14.44 0.00	95.65 -16.34 0.00	84.69 -14.98 -1.08	69.84 -12.06 -0.27	71.30 -12.27 -1.08	55.93 -9.69 -1.10	61.32 -9.94 -0.27	70.76 -11.22 -1.40	97.23 -15.58 -1.33	101.00 -17.06 -0.56	39.36 -6.56 -4.51	47.80 -8.44 -1.56	46.27 -7.75 -0.46	56.30 -9.25 0.00	66.67 -9.70 0.00
NM_ST_REGIS___HYD 24053	105.48 1.36 0.00	47.31 0.34 0.00	42.02 0.26 0.00	69.72 0.47 0.00	56.69 0.34 0.00	64.53 0.09 0.00	85.50 -0.19 0.00	59.70 -0.24 0.00	59.26 -0.34 0.00	99.94 -0.59 0.00	110.88 -1.10 0.00	97.59 -1.00 0.00	80.59 -1.04 0.00	81.55 -0.95 0.00	63.89 -0.62 0.00	70.11 -0.89 0.00	79.58 -1.00 0.00	109.97 -1.50 0.00	115.98 -1.51 0.00	40.88 -0.53 0.00	54.01 -0.66 0.00	52.95 -0.61 0.00	65.33 -0.23 0.00	76.20 -0.17 0.00
NORTHPORT___1 23551	112.49 8.36 -0.03	51.03 4.06 -0.01	45.36 3.60 -0.01	75.00 5.75 -0.01	60.93 4.58 0.00	69.67 5.23 0.00	93.15 7.12 -0.34	79.67 5.32 -14.42	81.42 5.28 -16.54	118.01 8.10 -9.38	123.63 9.76 -1.89	115.40 9.32 -7.49	101.85 8.22 -12.00	98.33 7.97 -7.86	124.51 6.58 -53.43	177.40 7.36 -99.04	279.08 8.18 -190.32	160.11 11.16 -37.48	178.77 11.52 -49.76	247.34 4.24 -201.69	153.37 5.56 -93.14	146.31 5.42 -87.33	71.85 6.02 -0.28	145.27 7.24 -61.67
NORTHPORT___2 23552	112.49 8.36 -0.03	51.03 4.06 -0.01	45.36 3.60 -0.01	75.00 5.75 -0.01	60.93 4.58 0.00	69.67 5.23 0.00	93.15 7.12 -0.34	79.67 5.32 -14.42	81.42 5.28 -16.54	118.01 8.10 -9.38	123.63 9.76 -1.89	115.40 9.32 -7.49	101.85 8.22 -12.00	98.33 7.97 -7.86	124.51 6.58 -53.43	177.40 7.36 -99.04	279.08 8.18 -190.32	160.11 11.16 -37.48	178.77 11.52 -49.76	247.34 4.24 -201.69	153.37 5.56 -93.14	146.31 5.42 -87.33	71.85 6.02 -0.28	145.27 7.24 -61.67
NORTHPORT___3 23553	111.22 7.08 -0.03	50.44 3.47 -0.01	44.85 3.08 -0.01	74.11 4.85 -0.01	60.14 3.79 0.00	68.73 4.29 0.00	91.87 5.85 -0.34	78.79 4.43 -14.42	80.51 4.37 -16.54	116.53 6.63 -9.38	122.40 8.52 -1.89	114.25 8.17 -7.49	100.84 7.23 -11.97	97.37 7.01 -7.87	123.63 5.80 -53.33	176.25 6.44 -98.82	277.46 7.06 -189.82	158.70 9.64 -37.59	177.45 9.90 -50.06	246.26 3.62 -201.23	152.37 4.81 -92.89	145.32 4.71 -87.04	71.07 5.24 -0.28	144.18 6.31 -61.50
NORTHPORT___4 23650	111.22 7.08 -0.03	50.44 3.47 -0.01	44.85 3.08 -0.01	74.11 4.85 -0.01	60.14 3.79 0.00	68.73 4.29 0.00	91.87 5.85 -0.34	78.79 4.43 -14.42	80.51 4.37 -16.54	116.53 6.63 -9.38	122.40 8.52 -1.89	114.25 8.17 -7.49	100.84 7.23 -11.97	97.37 7.01 -7.87	123.63 5.80 -53.33	176.25 6.44 -98.82	277.46 7.06 -189.82	158.70 9.64 -37.59	177.45 9.90 -50.06	246.26 3.62 -201.23	152.37 4.81 -92.89	145.32 4.71 -87.04	71.07 5.24 -0.28	144.18 6.31 -61.50
NORTHPORT___IC 23718	112.49 8.35 -0.03	51.03 4.06 -0.01	45.36 3.60 -0.01	75.01 5.75 -0.01	60.94 4.58 0.00	69.67 5.23 0.00	93.15 7.12 -0.34	79.67 5.32 -14.42	81.42 5.28 -16.54	118.04 8.14 -9.38	123.64 9.77 -1.89	115.40 9.32 -7.49	101.85 8.21 -12.00	98.35 7.99 -7.86	124.51 6.58 -53.43	177.41 7.38 -99.04	279.08 8.18 -190.32	160.11 11.16 -37.48	178.80 11.54 -49.76	247.34 4.24 -201.69	153.37 5.56 -93.14	146.31 5.42 -87.33	71.86 6.03 -0.28	145.28 7.24 -61.67
NORTH___COUNTRY_ESR 323785	105.96 1.84 0.00	47.58 0.62 0.00	42.22 0.46 0.00	70.03 0.78 0.00	56.96 0.61 0.00	65.03 0.60 0.00	86.37 0.69 0.00	60.33 0.39 0.00	59.85 0.26 0.00	100.87 0.34 0.00	111.98 -0.01 0.00	98.60 0.01 0.00	81.52 -0.11 0.00	82.43 -0.06 0.00	64.57 0.06 0.00	70.90 -0.10 0.00	80.40 -0.18 0.00	110.89 -0.58 0.00	116.98 -0.51 0.00	41.29 -0.12 0.00	54.57 -0.11 0.00	53.50 -0.06 0.00	65.74 0.19 0.00	76.54 0.17 0.00
NPX_GEN_1385_PROXY 323591	154.70 11.30 -39.29	99.84 5.39 -47.48	64.31 4.78 -17.78	78.67 7.71 -1.70	62.53 6.17 0.00	71.18 6.74 0.00	95.02 8.99 -0.34	80.61 6.25 -14.42	82.86 6.72 -16.54	120.60 10.69 -9.38	125.66 11.79 -1.89	118.06 11.98 -7.49	210.98 10.49 -118.87	100.62 10.26 -7.86	125.97 8.04 -53.43	178.87 8.84 -99.04	280.80 9.90 -190.32	160.70 11.75 -37.48	179.44 12.19 -49.76	247.88 4.78 -201.69	153.78 5.97 -93.14	146.69 5.79 -87.33	72.16 6.33 -0.28	146.69 8.65 -61.67
NPX_GEN_CSC 323557	114.24 10.10 -0.03	51.77 4.80 -0.01	46.02 4.26 -0.01	76.11 6.85 -0.01	61.88 5.52 0.00	70.89 6.45 0.00	94.97 8.94 -0.34	81.00 6.64 -14.42	82.62 6.48 -16.54	119.68 9.77 -9.38	125.46 11.58 -1.89	116.51 10.43 -7.49	102.67 9.14 -11.90	99.32 8.96 -7.87	125.15 7.56 -53.08	178.11 8.80 -98.32	279.16 9.94 -188.64	163.77 14.65 -37.65	182.93 15.27 -50.17	246.85 5.41 -200.03	154.21 7.23 -92.30	146.87 6.94 -86.36	73.54 7.71 -0.28	146.47 9.02 -61.07
NSINS_S___GLNS_FALLS 23858	111.06 6.95 0.00	50.26 3.29 0.00	44.61 2.85 0.00	73.92 4.67 0.00	60.17 3.81 0.00	69.11 4.67 0.00	95.55 6.52 -3.35	206.79 4.83 -142.02	227.52 4.94 -162.98	201.03 8.09 -92.41	139.68 9.11 -18.59	141.58 8.05 -34.94	95.56 6.85 -7.08	124.72 7.10 -35.13	98.56 5.56 -28.49	84.40 6.43 -6.97	141.20 7.58 -53.04	166.47 10.57 -44.44	142.87 10.85 -14.53	174.76 3.83 -129.53	99.98 4.98 -40.32	70.17 4.73 -11.87	73.61 5.51 -2.55	155.19 6.28 -72.54
NUCOR_STEEL___DRP 24197	102.24 -1.87 0.00	46.23 -0.73 0.00	41.10 -0.66 0.00	68.27 -0.98 0.00	55.52 -0.83 0.00	63.56 -0.88 0.00	84.57 -1.12 0.00	59.18 -0.77 0.00	58.92 -0.68 0.00	99.63 -0.90 0.00	110.82 -1.17 0.00	97.47 -1.12 0.00	80.75 -0.88 0.00	81.52 -0.98 0.00	63.67 -0.83 0.00	70.25 -0.75 0.00	80.01 -0.58 0.00	110.94 -0.54 0.00	116.66 -0.83 0.00	41.32 -0.23 -0.14	54.36 -0.31 0.00	53.21 -0.35 0.00	64.94 -0.62 0.00	75.39 -0.97 0.00
NUMBER_THREE_WT_PWR 323818	106.57 2.46 0.00	48.07 1.10 0.00	42.70 0.95 0.00	70.78 1.53 0.00	57.66 1.31 0.00	65.96 1.53 0.00	87.88 2.19 0.00	61.67 1.73 0.00	61.46 1.87 0.00	103.80 3.27 0.00	115.33 3.34 0.00	101.21 2.63 0.00	83.66 2.03 0.00	84.56 2.07 0.00	66.03 1.53 0.00	72.86 1.87 0.00	83.12 2.54 0.00	115.24 3.76 0.00	121.30 3.81 0.00	42.69 1.24 -0.04	56.09 1.42 0.00	54.95 1.38 0.00	67.11 1.55 0.00	78.06 1.69 0.00
NYISO_LBMP_REFERENCE 24008	104.12 0.00 0.00	46.97 0.00 0.00	41.76 0.00 0.00	69.25 0.00 0.00	56.35 0.00 0.00	64.44 0.00 0.00	85.68 0.00 0.00	59.94 0.00 0.00	59.60 0.00 0.00	100.53 0.00 0.00	111.98 0.00 0.00	98.59 0.00 0.00	81.63 0.00 0.00	82.49 0.00 0.00	64.51 0.00 0.00	71.00 0.00 0.00	80.58 0.00 0.00	111.47 0.00 0.00	117.49 0.00 0.00	41.41 0.00 0.00	54.67 0.00 0.00	53.57 0.00 0.00	65.56 0.00 0.00	76.37 0.00 0.00

NYPA_BRENTWD____GT 24164	113.43 9.29 -0.03	51.42 4.45 -0.01	45.69 3.93 -0.01	75.55 6.29 -0.01	61.40 5.04 0.00	70.29 5.85 0.00	93.86 7.84 -0.34	80.22 5.86 -14.42	82.05 5.91 -16.54	118.97 9.06 -9.38	124.71 10.83 -1.89	116.19 10.11 -7.49	102.30 8.90 -11.77	99.03 8.66 -7.87	124.32 7.14 -52.67	176.40 7.94 -97.47	275.82 8.58 -186.65	161.07 11.75 -37.84	180.56 12.42 -50.65	244.12 4.66 -198.05	152.13 6.15 -91.31	144.73 5.96 -85.20	72.46 6.63 -0.28	144.55 7.81 -60.37
NYPA_GOWANUS____GT5 24156	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NYPA_GOWANUS____GT6 24157	109.45 5.33 0.00	55.17 2.95 -5.26	52.44 2.72 -7.96	73.19 3.94 0.00	59.55 3.20 0.00	68.17 3.73 0.00	91.21 5.19 -0.34	78.43 4.08 -14.41	80.29 4.15 -16.54	116.60 6.69 -9.38	121.70 7.83 -1.89	113.04 6.97 -7.49	89.68 6.33 -1.72	138.50 6.07 -49.94	151.09 4.68 -81.90	117.44 4.92 -41.52	138.97 5.49 -52.89	143.13 8.12 -23.53	131.23 8.71 -5.03	334.12 3.30 -289.42	169.24 4.35 -110.22	64.11 4.14 -6.41	70.41 4.60 -0.26	88.88 5.06 -7.44
NYPA_HARLEM__RVR__GT1 24160	109.23 5.11 0.00	49.70 2.73 0.00	44.25 2.49 0.00	73.07 3.82 0.00	59.50 3.15 0.00	68.17 3.73 -0.01	91.17 5.14 -0.34	78.42 4.06 -14.41	80.22 4.08 -16.54	116.43 6.53 -9.38	122.07 8.20 -1.89	113.02 6.95 -7.49	89.69 6.34 -1.72	95.96 5.88 -7.59	94.58 4.64 -25.44	117.38 4.87 -41.52	139.10 5.62 -52.89	143.28 8.28 -23.53	131.05 8.52 -5.03	97.48 3.09 -52.99	84.18 3.98 -25.53	63.78 3.81 -6.41	69.96 4.15 -0.26	88.39 4.57 -7.44
NYPA_HARLEM__RVR__GT2 24161	109.23 5.11 0.00	49.70 2.73 0.00	44.25 2.49 0.00	73.07 3.82 0.00	59.50 3.15 0.00	68.17 3.73 -0.01	91.17 5.14 -0.34	78.42 4.06 -14.41	80.22 4.08 -16.54	116.43 6.53 -9.38	122.07 8.20 -1.89	113.02 6.95 -7.49	89.69 6.34 -1.72	95.96 5.88 -7.59	94.58 4.64 -25.44	117.38 4.87 -41.52	139.10 5.62 -52.89	143.28 8.28 -23.53	131.05 8.52 -5.03	97.48 3.09 -52.99	84.18 3.98 -25.53	63.78 3.81 -6.41	69.96 4.15 -0.26	88.39 4.57 -7.44
NYPA_KENT____GT 24152	109.31 5.20 0.00	52.97 2.82 -3.19	49.17 2.59 -4.82	73.07 3.82 0.00	59.48 3.13 0.00	68.11 3.67 0.00	91.11 5.09 -0.34	78.37 4.02 -14.41	80.23 4.10 -16.54	116.52 6.61 -9.38	121.80 7.93 -1.89	113.10 7.02 -7.49	89.64 6.29 -1.72	97.68 6.04 -9.15	96.68 4.66 -27.52	117.46 4.95 -41.52	139.06 5.58 -52.89	143.22 8.22 -23.53	131.21 8.68 -5.03	106.32 3.22 -61.70	87.57 4.25 -28.65	64.00 4.03 -6.41	70.30 4.48 -0.26	88.77 4.95 -7.44
NYPA_POUCH1____GT 24155	109.08 4.97 0.00	55.09 2.87 -5.26	52.41 2.69 -7.96	72.97 3.72 0.00	59.31 2.96 0.00	67.92 3.48 0.00	90.82 4.79 -0.34	78.15 3.79 -14.41	80.06 3.93 -16.54	97.07 6.21 9.67	110.81 7.30 8.47	86.48 6.51 18.61	66.91 5.87 20.59	62.46 5.62 25.66	62.16 4.33 6.68	70.74 4.58 4.83	95.77 5.13 -10.06	141.00 7.70 -21.82	130.85 8.32 -5.03	83.93 3.15 -39.37	79.49 4.16 -20.65	63.90 3.93 -6.41	70.18 4.36 -0.26	68.73 4.80 12.44
NYPA_VERNON____GT2 24162	109.23 5.12 0.00	50.81 2.74 -1.11	45.93 2.49 -1.68	73.04 3.79 0.00	59.46 3.11 0.00	68.10 3.66 0.00	91.12 5.09 -0.34	78.40 4.04 -14.41	80.22 4.09 -16.54	116.52 6.62 -9.38	122.02 8.15 -1.89	113.23 7.16 -7.49	89.68 6.33 -1.72	96.96 6.08 -8.39	95.72 4.72 -26.50	117.55 5.04 -41.52	139.24 5.76 -52.89	143.45 8.45 -23.53	131.35 8.82 -5.03	102.03 3.19 -57.43	85.98 4.19 -27.12	63.95 3.98 -6.41	70.23 4.42 -0.26	88.71 4.90 -7.44
NYPA_VERNON____GT3 24163	109.23 5.12 0.00	50.81 2.74 -1.11	45.93 2.49 -1.68	73.04 3.79 0.00	59.46 3.11 0.00	68.10 3.66 0.00	91.12 5.09 -0.34	78.40 4.04 -14.41	80.22 4.09 -16.54	116.52 6.62 -9.38	122.02 8.15 -1.89	113.23 7.16 -7.49	89.68 6.33 -1.72	96.96 6.08 -8.39	95.72 4.72 -26.50	117.55 5.04 -41.52	139.24 5.76 -52.89	143.45 8.45 -23.53	131.35 8.82 -5.03	102.03 3.19 -57.43	85.98 4.19 -27.12	63.95 3.98 -6.41	70.23 4.42 -0.26	88.71 4.90 -7.44
NYPA__ASTORIA_CC1 323568	109.04 4.92 0.00	49.61 2.64 0.00	44.18 2.42 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.01 3.57 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.11 3.97 -16.54	116.32 6.42 -9.38	121.90 8.02 -1.89	113.11 7.04 -7.49	89.56 6.21 -1.72	96.01 5.93 -7.59	94.55 4.60 -25.44	117.43 4.92 -41.52	139.09 5.62 -52.89	143.28 8.28 -23.53	131.14 8.62 -5.03	97.51 3.12 -52.99	84.30 4.10 -25.53	63.86 3.89 -6.41	70.15 4.33 -0.26	88.62 4.81 -7.44
NYPA__ASTORIA_CC2 323569	109.04 4.92 0.00	49.61 2.64 0.00	44.18 2.42 0.00	72.91 3.66 0.00	59.37 3.02 0.00	68.01 3.57 0.00	90.95 4.93 -0.34	78.28 3.92 -14.41	80.11 3.97 -16.54	116.32 6.42 -9.38	121.90 8.02 -1.89	113.11 7.04 -7.49	89.56 6.21 -1.72	96.01 5.93 -7.59	94.55 4.60 -25.44	117.43 4.92 -41.52	139.09 5.62 -52.89	143.28 8.28 -23.53	131.14 8.62 -5.03	97.51 3.12 -52.99	84.30 4.10 -25.53	63.86 3.89 -6.41	70.15 4.33 -0.26	88.62 4.81 -7.44
NYPA__HOLTSVILL 23794	112.91 8.77 -0.03	51.20 4.23 -0.01	45.51 3.74 -0.01	75.24 5.98 -0.01	61.15 4.80 0.00	70.01 5.57 0.00	93.68 7.66 -0.34	80.10 5.74 -14.42	81.78 5.64 -16.54	118.47 8.56 -9.38	124.18 10.30 -1.89	115.60 9.52 -7.49	101.92 8.39 -11.91	98.53 8.17 -7.87	124.45 6.82 -53.12	177.19 7.80 -98.39	278.17 8.77 -188.82	161.50 12.40 -37.63	180.51 12.89 -50.13	246.27 4.65 -200.21	153.21 6.15 -92.39	145.97 5.95 -86.46	72.42 6.59 -0.28	145.29 7.78 -61.14
NYPA__HELLGATE_GT1 24158	109.23 5.11 0.00	49.70 2.73 0.00	44.25 2.49 0.00	73.07 3.82 0.00	59.50 3.15 0.00	68.17 3.73 0.00	91.17 5.14 -0.34	78.42 4.06 -14.41	80.22 4.09 -16.54	116.43 6.53 -9.38	122.07 8.20 -1.89	113.02 6.95 -7.49	89.69 6.34 -1.72	95.96 5.88 -7.59	94.58 4.64 -25.44	117.38 4.87 -41.52	139.10 5.62 -52.89	143.28 8.28 -23.53	131.05 8.52 -5.03	97.48 3.09 -52.99	84.18 3.98 -25.53	63.79 3.82 -6.41	69.96 4.15 -0.26	88.39 4.57 -7.44
NYPA__HELLGATE_GT2 24159	109.23 5.11 0.00	49.70 2.73 0.00	44.25 2.49 0.00	73.07 3.82 0.00	59.50 3.15 0.00	68.17 3.73 0.00	91.17 5.14 -0.34	78.42 4.06 -14.41	80.22 4.09 -16.54	116.43 6.53 -9.38	122.07 8.20 -1.89	113.02 6.95 -7.49	89.69 6.34 -1.72	95.96 5.88 -7.59	94.58 4.64 -25.44	117.38 4.87 -41.52	139.10 5.62 -52.89	143.28 8.28 -23.53	131.05 8.52 -5.03	97.48 3.09 -52.99	84.18 3.98 -25.53	63.79 3.82 -6.41	69.96 4.15 -0.26	88.39 4.57 -7.44
NYS_BARGE__HYD 23848	92.46 -11.65 0.00	42.05 -4.92 0.00	37.45 -4.31 0.00	62.88 -6.37 0.00	50.52 -5.83 0.00	57.41 -7.03 0.00	75.51 -10.18 0.00	58.46 -7.78 -6.30	93.14 -7.37 -40.92	299.28 -12.14 -210.90	256.50 -14.06 -158.57	120.86 -12.92 -35.20	86.15 -10.57 -15.09	98.41 -10.66 -26.59	57.16 -8.41 -1.07	68.27 -8.51 -5.78	231.66 -9.41 -160.48	354.00 -13.15 -255.68	373.80 -14.53 -270.84	49.64 -5.53 -13.76	49.02 -7.16 -1.51	47.45 -6.56 -0.44	57.60 -7.95 0.00	68.06 -8.31 0.00

OAK ORCHARD___HYD 24046	97.25 -6.87 0.00	44.09 -2.88 0.00	39.22 -2.53 0.00	65.52 -3.74 0.00	52.94 -3.41 0.00	60.40 -4.04 0.00	80.00 -5.68 0.00	56.38 -4.29 -0.73	60.25 -4.07 -4.72	118.22 -6.64 -24.33	122.68 -7.60 -18.30	96.34 -7.03 -4.78	77.65 -5.68 -1.71	79.72 -5.71 -2.94	59.96 -4.54 0.00	67.05 -4.58 -0.63	94.02 -4.92 -18.36	134.00 -6.82 -29.35	141.13 -7.55 -31.18	39.64 -2.99 -1.22	50.67 -4.00 0.00	49.84 -3.73 0.00	61.00 -4.56 0.00	71.51 -4.86 0.00
OAKDALE___35_KV_LOAD 356122	102.75 -1.36 0.00	46.49 -0.48 0.00	41.33 -0.43 0.00	68.67 -0.58 0.00	55.86 -0.49 0.00	63.89 -0.55 0.00	85.05 -0.79 -0.15	65.69 -0.57 -6.32	66.30 -0.55 -7.25	104.25 -0.39 -4.11	112.02 -0.79 -0.83	100.65 -0.78 -2.84	81.62 -0.66 -0.64	84.64 -0.71 -2.86	66.41 -0.68 -2.58	70.96 -0.67 -0.63	83.96 -0.64 -4.02	114.31 -0.72 -3.56	117.89 -0.91 -1.31	52.17 -0.43 -11.20	57.71 -0.61 -3.65	54.06 -0.58 -1.07	64.82 -0.85 -0.11	78.62 -0.97 -3.22
OCC_CHEM___DRP 24175	91.43 -12.69 0.00	41.61 -5.35 0.00	37.08 -4.67 0.00	62.32 -6.94 0.00	50.00 -6.35 0.00	56.78 -7.66 0.00	74.64 -11.05 0.00	51.33 -8.61 0.00	51.10 -8.50 0.00	86.27 -14.26 0.00	95.82 -16.17 0.00	84.86 -14.82 -1.09	69.99 -11.91 -0.27	71.44 -12.13 -1.08	56.03 -9.58 -1.11	61.43 -9.84 -0.27	70.92 -11.07 -1.40	97.45 -15.36 -1.33	101.21 -16.84 -0.56	39.44 -6.49 -4.52	47.89 -8.35 -1.56	46.35 -7.68 -0.46	56.41 -9.15 0.00	66.80 -9.57 0.00
OH_GEN_PROXY 24063	92.58 -11.54 0.00	42.10 -4.87 0.00	37.50 -4.26 0.00	62.95 -6.30 0.00	50.57 -5.78 0.00	57.46 -6.97 0.00	75.60 -10.09 0.00	50.86 -7.80 1.28	43.76 -7.56 8.28	45.42 -12.44 42.68	65.58 -14.32 32.09	79.61 -13.14 5.84	68.19 -10.69 2.75	67.58 -10.78 4.13	57.05 -8.55 -1.09	61.33 -8.82 0.85	40.01 -9.76 30.82	47.61 -13.70 50.16	48.30 -15.05 54.14	38.17 -5.79 -2.56	48.61 -7.61 -1.55	47.01 -7.01 -0.45	57.20 -8.36 0.00	67.56 -8.80 0.00
OLIN_CORP_DRP 24177	91.48 -12.64 0.00	41.63 -5.33 0.00	37.08 -4.68 0.00	62.30 -6.95 0.00	50.00 -6.35 0.00	56.82 -7.62 0.00	74.72 -10.96 0.00	52.33 -8.66 -1.05	57.89 -8.54 -6.83	121.44 -14.30 -35.22	122.19 -16.27 -26.48	90.50 -14.89 -6.80	72.37 -11.99 -2.74	75.61 -12.22 -5.34	55.99 -9.64 -1.12	62.30 -9.89 -1.20	97.44 -11.13 -27.99	139.89 -15.42 -43.83	146.26 -16.94 -45.70	41.08 -6.48 -6.15	47.90 -8.36 -1.59	46.37 -7.66 -0.47	56.33 -9.23 0.00	66.75 -9.62 0.00
OLIN_CORP_DSASP 323712	91.43 -12.69 0.00	41.61 -5.35 0.00	37.09 -4.67 0.00	62.33 -6.93 0.00	50.01 -6.34 0.00	56.79 -7.66 0.00	74.65 -11.03 0.00	51.34 -8.60 0.00	51.20 -8.40 0.00	86.64 -13.89 0.00	95.98 -16.00 0.00	84.93 -14.74 -1.09	69.90 -12.00 -0.27	71.51 -12.06 -1.08	56.06 -9.55 -1.10	61.53 -9.74 -0.27	71.13 -10.85 -1.40	97.57 -15.24 -1.33	101.35 -16.71 -0.56	39.51 -6.41 -4.52	47.92 -8.32 -1.56	46.41 -7.62 -0.46	56.44 -9.11 0.00	66.79 -9.58 0.00
ONEIDA_HERK_LFGE 323681	106.80 2.69 0.00	48.25 1.29 0.00	42.89 1.13 0.00	71.13 1.88 0.00	57.95 1.60 0.00	66.32 1.88 0.00	88.39 2.71 0.00	61.99 2.05 0.00	61.74 2.15 0.00	104.18 3.65 0.00	115.86 3.88 0.00	101.71 3.12 0.00	84.16 2.53 0.00	85.06 2.57 0.00	66.42 1.91 0.00	73.26 2.27 0.00	83.52 2.93 0.00	115.73 4.26 0.00	121.88 4.39 0.00	42.93 1.49 -0.03	56.51 1.84 0.00	55.34 1.77 0.00	67.55 1.99 0.00	78.58 2.21 0.00
ONEIDA___115KV_TB4 55905	106.48 2.36 0.00	48.24 1.27 0.00	42.89 1.14 0.00	71.18 1.93 0.00	58.01 1.66 0.00	66.46 2.02 0.00	88.53 2.85 0.00	62.08 2.14 0.00	61.85 2.26 0.00	104.40 3.88 0.00	115.98 3.99 0.00	101.61 3.03 0.00	84.11 2.48 0.00	85.10 2.61 0.00	66.58 2.07 0.00	73.22 2.23 0.00	83.64 3.06 0.00	115.75 4.28 0.00	121.92 4.43 0.00	42.94 1.47 -0.06	56.53 1.85 0.00	55.32 1.76 0.00	67.49 1.93 0.00	78.51 2.14 0.00
ONONDAGA_REF_OCCRA 23987	102.07 -2.05 0.00	46.15 -0.81 0.00	41.03 -0.72 0.00	68.14 -1.12 0.00	55.43 -0.93 0.00	63.45 -0.99 0.00	84.41 -1.28 0.00	59.09 -0.85 0.00	58.82 -0.78 0.00	99.41 -1.12 0.00	110.65 -1.33 0.00	97.28 -1.30 0.00	80.62 -1.01 0.00	81.43 -1.06 0.00	63.62 -0.88 0.00	70.09 -0.90 0.00	79.79 -0.79 0.00	110.59 -0.88 0.00	116.40 -1.09 0.00	41.06 -0.47 -0.12	53.98 -0.69 0.00	52.86 -0.71 0.00	64.53 -1.03 0.00	75.19 -1.18 0.00
ONONDAGA___COGEN 23986	101.84 -2.28 0.00	46.04 -0.93 0.00	40.92 -0.84 0.00	67.94 -1.31 0.00	55.27 -1.08 0.00	63.27 -1.17 0.00	84.20 -1.49 0.00	58.95 -1.00 0.00	58.65 -0.95 0.00	99.13 -1.40 0.00	110.32 -1.66 0.00	97.04 -1.55 0.00	80.42 -1.21 0.00	81.23 -1.26 0.00	63.47 -1.03 0.00	69.95 -1.05 0.00	79.59 -0.99 0.00	110.32 -1.16 0.00	116.07 -1.42 0.00	40.97 -0.55 -0.11	53.88 -0.80 0.00	52.76 -0.81 0.00	64.40 -1.16 0.00	75.03 -1.34 0.00
ONTARIO___LFGE 23819	100.48 -3.64 0.00	45.73 -1.23 0.00	40.66 -1.10 0.00	67.60 -1.65 0.00	54.87 -1.48 0.00	62.79 -1.65 0.00	83.40 -2.29 0.00	58.34 -1.60 0.00	58.13 -1.47 0.00	98.38 -2.15 0.00	109.01 -2.98 0.00	96.99 -2.62 -1.02	79.82 -2.07 -0.26	81.35 -2.17 -1.03	63.71 -1.84 -1.04	69.56 -1.69 -0.25	80.28 -1.62 -1.31	110.22 -2.51 -1.25	114.72 -3.30 -0.53	44.53 -1.12 -4.25	54.64 -1.50 -1.47	52.54 -1.46 -0.43	63.55 -2.00 0.00	74.07 -2.30 0.00
ORANGEVILLE_WT_PWR 323706	96.54 -7.58 0.00	43.95 -3.02 0.00	39.05 -2.71 0.00	65.33 -3.92 0.00	52.71 -3.65 0.00	60.01 -4.43 0.00	79.13 -6.56 0.00	54.92 -5.02 0.00	54.73 -4.87 0.00	92.67 -7.86 0.00	102.59 -9.39 0.00	91.22 -8.69 -1.33	56.06 -7.47 18.10	44.31 -7.79 30.40	59.87 -5.99 -1.35	65.55 -5.78 -0.33	76.02 -6.27 -1.71	104.20 -8.90 -1.63	108.14 -10.04 -0.69	43.08 -3.85 -5.52	51.54 -5.05 -1.92	49.47 -4.66 -0.56	59.89 -5.66 0.00	70.34 -6.03 0.00
ORANGEVILLE___ESR 323794	96.54 -7.58 0.00	43.95 -3.02 0.00	39.05 -2.71 0.00	65.33 -3.92 0.00	52.71 -3.65 0.00	60.01 -4.43 0.00	79.13 -6.56 0.00	54.92 -5.02 0.00	54.73 -4.87 0.00	92.67 -7.86 0.00	102.59 -9.39 0.00	91.22 -8.69 -1.33	56.06 -7.47 18.10	44.31 -7.79 30.40	59.87 -5.99 -1.35	65.55 -5.78 -0.33	76.02 -6.27 -1.71	104.20 -8.90 -1.63	108.14 -10.04 -0.69	43.08 -3.85 -5.52	51.54 -5.05 -1.92	49.47 -4.66 -0.56	59.89 -5.66 0.00	70.34 -6.03 0.00
OSWEGATCHIE___HYD 24044	104.87 0.76 0.00	47.14 0.17 0.00	41.88 0.12 0.00	69.44 0.19 0.00	56.50 0.15 0.00	64.43 -0.01 0.00	85.58 -0.10 0.00	59.90 -0.04 0.00	59.59 -0.01 0.00	100.60 0.07 0.00	111.71 -0.28 0.00	98.16 -0.43 0.00	81.12 -0.51 0.00	82.02 -0.47 0.00	64.16 -0.35 0.00	70.63 -0.36 0.00	80.36 -0.22 0.00	111.25 -0.22 0.00	117.18 -0.31 0.00	41.26 -0.17 -0.03	54.33 -0.34 0.00	53.25 -0.32 0.00	65.37 -0.19 0.00	76.24 -0.13 0.00
OSWEGO___5 23606	100.20 -3.91 0.00	45.29 -1.67 0.00	40.26 -1.50 0.00	66.84 -2.42 0.00	54.36 -1.99 0.00	62.19 -2.25 0.00	82.70 -2.98 0.00	57.85 -2.10 0.00	57.56 -2.04 0.00	97.20 -3.33 0.00	108.21 -3.78 0.00	95.19 -3.39 0.00	78.87 -2.75 0.00	79.69 -2.80 0.00	62.27 -2.23 0.00	68.63 -2.37 0.00	78.01 -2.57 0.00	108.01 -3.47 0.00	113.71 -3.78 0.00	40.10 -1.39 -0.08	52.80 -1.87 0.00	51.75 -1.81 0.00	63.24 -2.31 0.00	73.72 -2.65 0.00

OSWEGO___6 23613	100.20 -3.91 0.00	45.29 -1.67 0.00	40.26 -1.50 0.00	66.84 -2.42 0.00	54.36 -1.99 0.00	62.19 -2.25 0.00	82.70 -2.98 0.00	57.85 -2.10 0.00	57.56 -2.04 0.00	97.20 -3.33 0.00	108.21 -3.78 0.00	95.19 -3.39 0.00	78.87 -2.75 0.00	79.69 -2.80 0.00	62.27 -2.23 0.00	68.63 -2.37 0.00	78.01 -2.57 0.00	108.01 -3.47 0.00	113.71 -3.78 0.00	40.10 -1.39 -0.08	52.80 -1.87 0.00	51.75 -1.81 0.00	63.24 -2.31 0.00	73.72 -2.65 0.00
OUTOKUMPU-AB___DRP 24206	93.51 -10.60 0.00	42.52 -4.44 0.00	37.88 -3.88 0.00	63.60 -5.65 0.00	51.09 -5.26 0.00	58.07 -6.37 0.00	76.38 -9.30 0.00	54.64 -7.26 -1.96	65.28 -7.03 -12.72	154.34 -11.74 -65.55	147.88 -13.39 -49.29	98.02 -12.29 -11.72	76.68 -9.83 -4.88	81.44 -10.07 -9.02	57.65 -7.98 -1.13	64.87 -8.12 -1.99	122.43 -9.04 -50.89	179.38 -12.52 -80.43	188.17 -13.91 -84.59	43.53 -5.40 -7.52	49.32 -6.95 -1.59	47.64 -6.39 -0.47	57.85 -7.70 0.00	68.35 -8.02 0.00
OXBOW___BTM 323836	92.65 -11.47 0.00	42.15 -4.81 0.00	37.56 -4.20 0.00	63.08 -6.17 0.00	50.65 -5.70 0.00	57.54 -6.90 0.00	75.67 -10.01 0.00	53.04 -7.80 -0.90	57.91 -7.55 -5.87	118.32 -12.45 -30.24	120.33 -14.39 -22.74	91.32 -13.26 -5.99	73.24 -10.78 -2.39	76.39 -10.84 -4.73	57.02 -8.61 -1.12	63.33 -8.73 -1.07	95.14 -9.67 -24.23	135.76 -13.54 -37.82	141.83 -15.00 -39.33	41.54 -5.77 -5.91	48.75 -7.50 -1.58	47.16 -6.86 -0.46	57.29 -8.26 0.00	67.71 -8.66 0.00
OXBOW____ 24026	92.64 -11.48 0.00	42.15 -4.81 0.00	37.55 -4.21 0.00	63.07 -6.18 0.00	50.64 -5.71 0.00	57.55 -6.90 0.00	75.65 -10.03 0.00	53.02 -7.82 -0.90	57.83 -7.64 -5.87	117.97 -12.80 -30.24	120.18 -14.54 -22.74	91.23 -13.35 -5.99	73.33 -10.69 -2.39	76.32 -10.90 -4.73	56.98 -8.64 -1.12	63.24 -8.82 -1.07	94.95 -9.86 -24.23	135.62 -13.68 -37.82	141.71 -15.11 -39.33	41.47 -5.84 -5.91	48.73 -7.52 -1.58	47.11 -6.92 -0.46	57.26 -8.29 0.00	67.72 -8.65 0.00
OXY_CHEM_DSASP 323612	91.43 -12.69 0.00	41.61 -5.35 0.00	37.08 -4.67 0.00	62.32 -6.94 0.00	50.00 -6.35 0.00	56.78 -7.66 0.00	74.64 -11.05 0.00	51.33 -8.61 0.00	51.10 -8.50 0.00	86.27 -14.26 0.00	95.82 -16.17 0.00	84.86 -14.82 -1.09	69.99 -11.91 -0.27	71.44 -12.13 -1.08	56.03 -9.58 -1.11	61.43 -9.84 -0.27	70.92 -11.07 -1.40	97.45 -15.36 -1.33	101.21 -16.84 -0.56	39.44 -6.49 -4.52	47.89 -8.35 -1.56	46.35 -7.68 -0.46	56.41 -9.15 0.00	66.80 -9.57 0.00
OZONE_PARK_ESR 323760	110.06 5.95 0.00	50.04 3.07 0.00	44.53 2.77 0.00	73.54 4.29 0.00	59.88 3.53 0.00	68.59 4.15 0.00	91.85 5.83 -0.34	78.91 4.55 -14.41	80.73 4.59 -16.54	117.41 7.51 -9.38	122.89 9.02 -1.89	114.04 7.97 -7.49	90.23 6.88 -1.72	96.79 6.71 -7.59	95.20 5.22 -25.47	118.24 5.66 -41.59	140.08 6.52 -52.98	144.57 9.54 -23.55	132.40 9.87 -5.04	97.95 3.51 -53.03	84.84 4.61 -25.56	64.35 4.38 -6.41	70.67 4.85 -0.26	89.23 5.41 -7.44
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	91.43 -12.69 0.00	41.61 -5.35 0.00	37.08 -4.67 0.00	62.32 -6.94 0.00	50.00 -6.35 0.00	56.78 -7.66 0.00	74.64 -11.05 0.00	51.33 -8.61 0.00	51.10 -8.50 0.00	86.27 -14.26 0.00	95.82 -16.17 0.00	84.86 -14.82 -1.09	69.99 -11.91 -0.27	71.44 -12.13 -1.08	56.03 -9.58 -1.11	61.43 -9.84 -0.27	70.92 -11.07 -1.40	97.45 -15.36 -1.33	101.21 -16.84 -0.56	39.44 -6.49 -4.52	47.89 -8.35 -1.56	46.35 -7.68 -0.46	56.41 -9.15 0.00	66.80 -9.57 0.00
PACKARD__115KV_DUPONT_184 80571	91.43 -12.69 0.00	41.61 -5.35 0.00	37.08 -4.67 0.00	62.32 -6.94 0.00	50.00 -6.35 0.00	56.78 -7.66 0.00	74.64 -11.05 0.00	51.33 -8.61 0.00	51.10 -8.50 0.00	86.27 -14.26 0.00	95.82 -16.17 0.00	84.86 -14.82 -1.09	69.99 -11.91 -0.27	71.44 -12.13 -1.08	56.03 -9.58 -1.11	61.43 -9.84 -0.27	70.92 -11.07 -1.40	97.45 -15.36 -1.33	101.21 -16.84 -0.56	39.44 -6.49 -4.52	47.89 -8.35 -1.56	46.35 -7.68 -0.46	56.41 -9.15 0.00	66.80 -9.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	108.88 4.77 0.00	49.51 2.55 0.00	44.08 2.32 0.00	72.78 3.53 0.00	59.28 2.92 0.00	67.91 3.47 0.00	90.85 4.83 -0.34	78.21 3.86 -14.41	80.06 3.92 -16.54	116.25 6.34 -9.38	121.75 7.88 -1.89	112.82 6.75 -7.49	89.43 6.09 -1.72	95.78 5.70 -7.59	94.43 4.49 -25.44	117.29 4.78 -41.52	139.01 5.53 -52.89	143.14 8.14 -23.53	130.89 8.36 -5.03	97.40 3.01 -52.99	84.11 3.91 -25.53	63.70 3.73 -6.41	69.89 4.08 -0.26	88.31 4.50 -7.44
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	109.39 5.27 0.00	49.66 2.69 0.00	44.14 2.38 0.00	72.88 3.63 0.00	59.38 3.03 0.00	68.05 3.62 0.00	91.20 5.18 -0.34	78.32 3.97 -14.41	80.21 4.08 -16.54	116.39 6.48 -9.38	121.81 7.94 -1.89	112.86 6.78 -7.49	89.57 6.22 -1.72	95.84 5.76 -7.59	94.47 4.52 -25.44	117.37 4.86 -41.52	139.13 5.65 -52.89	143.38 8.37 -23.53	131.12 8.60 -5.03	97.43 3.04 -52.99	84.11 3.91 -25.53	63.75 3.78 -6.41	69.98 4.17 -0.26	88.41 4.60 -7.44
PATROON__115KV_TB1 80586	108.43 4.31 0.00	49.08 2.12 0.00	43.65 1.89 0.00	72.31 3.06 0.00	58.89 2.54 0.00	67.45 3.01 0.00	91.94 4.03 -2.22	157.26 2.89 -94.43	170.84 2.87 -108.37	166.69 4.72 -61.45	129.95 5.61 -12.36	128.66 5.03 -25.04	91.01 4.21 -5.17	111.90 4.22 -25.18	88.50 3.19 -20.80	79.09 3.01 -5.09	121.68 3.48 -37.61	147.91 4.64 -31.79	133.01 4.91 -10.61	137.07 1.79 -93.86	86.46 2.36 -29.43	64.55 2.33 -8.66	70.07 2.82 -1.70	128.47 3.86 -48.24
PATTRSNVILLE__SOLAR 323815	108.19 4.07 0.00	48.88 1.92 0.00	43.47 1.71 0.00	72.07 2.82 0.00	58.67 2.33 0.00	67.20 2.76 0.00	92.96 3.71 -3.56	213.77 2.71 -151.12	235.69 2.67 -173.42	203.05 4.19 -98.33	136.48 4.71 -19.78	139.51 4.16 -36.76	92.54 3.48 -7.43	122.91 3.46 -36.95	97.13 2.73 -29.89	81.59 3.28 -7.32	140.46 3.99 -55.89	163.96 5.72 -46.76	138.69 5.96 -15.24	179.57 2.07 -136.09	99.67 2.71 -42.29	68.64 2.62 -12.45	71.29 3.02 -2.71	157.00 3.44 -77.18
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	97.63 -6.49 0.00	44.34 -2.63 0.00	39.42 -2.34 0.00	66.13 -3.13 0.00	53.27 -3.08 0.00	60.53 -3.91 0.00	79.70 -5.98 0.00	55.08 -4.86 0.00	54.84 -4.75 0.00	92.91 -7.62 0.00	103.11 -8.87 0.00	91.91 -7.90 -1.22	75.75 -6.18 -0.30	77.08 -6.62 -1.21	60.52 -5.24 -1.25	66.00 -5.30 -0.30	76.03 -6.13 -1.58	104.43 -8.55 -1.50	108.11 -10.01 -0.63	42.52 -3.96 -5.08	51.34 -5.09 -1.76	49.38 -4.70 -0.52	59.94 -5.62 0.00	70.58 -5.79 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	110.60 6.48 0.00	50.20 3.24 0.00	44.68 2.92 0.00	73.92 4.67 0.00	60.18 3.83 0.00	68.94 4.50 0.00	92.32 6.28 -0.36	79.84 4.75 -15.15	81.75 4.77 -17.38	118.25 7.86 -9.86	123.16 9.20 -1.98	114.27 8.01 -7.67	90.15 6.76 -1.76	96.90 6.67 -7.74	82.02 5.27 -12.24	89.67 5.84 -12.84	110.04 6.86 -22.60	135.12 10.09 -13.56	132.05 10.53 -4.03	82.21 3.73 -37.07	73.95 4.87 -14.40	62.13 4.64 -3.93	71.03 5.20 -0.27	89.99 5.86 -7.76
PEEKSKILL____ 23653	108.49 4.37 0.00	49.27 2.31 0.00	43.85 2.09 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.59 3.15 0.00	90.46 4.44 -0.34	77.65 3.44 -14.27	79.38 3.41 -16.37	115.45 5.64 -9.28	120.79 6.94 -1.87	112.12 6.12 -7.41	88.58 5.25 -1.70	95.06 5.08 -7.48	243.53 3.95 -175.08	440.01 4.27 -364.75	481.79 4.94 -396.26	256.34 7.35 -137.52	142.03 7.67 -16.87	281.07 2.74 -236.93	210.52 3.57 -152.27	91.68 3.39 -34.72	69.53 3.72 -0.26	87.85 4.16 -7.33

PGE MADISON___WINDPWR 24146	113.63 9.52 0.00	51.41 4.44 0.00	45.75 3.99 0.00	76.08 6.83 0.00	61.94 5.58 0.00	71.28 6.84 0.00	95.41 9.51 -0.21	76.07 7.03 -9.10	77.21 7.17 -10.45	118.97 12.52 -5.92	126.24 13.06 -1.19	113.17 11.09 -3.50	91.33 8.93 -0.77	94.70 8.70 -3.51	74.17 6.56 -3.11	79.47 7.72 -0.76	95.14 9.54 -5.01	129.77 13.90 -4.39	133.48 14.41 -1.58	59.84 4.87 -13.57	65.36 6.29 -4.39	60.78 5.92 -1.29	72.12 6.40 -0.16	87.86 6.85 -4.64
PIERCEFIELD___HYD 23852	104.71 0.59 0.00	46.93 -0.04 0.00	41.69 -0.07 0.00	69.17 -0.09 0.00	56.24 -0.11 0.00	63.96 -0.48 0.00	84.66 -1.03 0.00	59.10 -0.84 0.00	58.66 -0.94 0.00	98.95 -1.58 0.00	109.77 -2.21 0.00	96.61 -1.98 0.00	79.80 -1.83 0.00	80.76 -1.74 0.00	63.28 -1.22 0.00	69.49 -1.51 0.00	78.82 -1.76 0.00	108.91 -2.56 0.00	114.86 -2.63 0.00	40.47 -0.94 0.00	53.47 -1.20 0.00	52.44 -1.12 0.00	64.78 -0.78 0.00	75.64 -0.73 0.00
PINELAWN_CC_1 323563	112.23 8.10 -0.02	50.89 3.92 -0.01	45.24 3.47 -0.01	74.77 5.51 -0.01	60.77 4.41 0.00	69.54 5.10 0.00	93.06 7.03 -0.34	79.68 5.32 -14.42	81.41 5.27 -16.54	117.90 7.99 -9.38	123.50 9.62 -1.89	115.00 8.92 -7.49	100.69 7.94 -11.12	98.02 7.64 -7.89	121.44 6.38 -50.56	171.32 7.19 -93.14	265.22 8.15 -176.49	161.78 11.43 -38.87	182.51 11.86 -53.16	233.68 4.30 -187.97	146.58 5.66 -86.25	138.34 5.48 -79.30	71.91 6.08 -0.27	140.32 7.18 -56.77
PJM_GEN_HTP_PROXY 323702	109.10 4.99 0.00	49.60 2.64 0.00	44.16 2.40 0.00	72.96 3.70 0.00	59.40 3.05 0.00	68.05 3.60 0.00	91.09 5.07 -0.34	78.39 4.03 -14.41	80.22 4.08 -16.54	116.57 6.67 -9.38	122.00 8.13 -1.89	112.77 6.70 -7.49	89.03 5.68 -1.72	95.64 5.56 -7.59	94.59 4.53 -25.55	117.64 4.89 -41.76	139.33 5.59 -53.15	143.31 8.22 -23.61	151.26 8.52 -25.25	97.56 3.04 -53.12	84.29 3.99 -25.62	63.78 3.78 -6.43	69.97 4.16 -0.26	88.44 4.63 -7.44
PJM_GEN_KEystone 24065	44.80 -2.04 57.27	26.29 -0.64 20.03	28.72 -0.51 12.53	68.50 -0.75 0.00	40.06 -0.75 15.54	33.58 -0.94 29.92	43.42 -1.46 40.80	68.08 -1.02 -9.16	30.14 -1.01 28.45	62.93 -1.32 36.28	23.69 -1.38 86.92	41.01 -1.30 56.27	34.94 -0.98 45.71	40.73 -1.21 40.55	19.90 -1.18 43.43	36.95 -1.23 32.81	49.34 -1.40 29.84	103.56 -1.62 6.30	137.83 -1.90 -22.24	39.52 -0.84 1.04	46.37 -1.09 7.21	-10.04 -1.02 62.58	-9.49 -1.40 73.65	-5.31 -1.48 80.20
PJM_GEN_NEPTUNE_PROXY 323594	110.56 6.44 0.00	50.17 3.21 0.00	44.62 2.86 0.00	73.77 4.51 0.00	59.96 3.61 0.00	68.62 4.18 0.00	91.81 5.78 -0.34	78.77 4.41 -14.42	80.48 4.34 -16.54	116.56 6.65 -9.38	122.02 8.15 -1.89	113.71 7.63 -7.49	93.18 6.76 -4.79	96.84 6.52 -7.83	102.25 5.42 -32.32	132.72 6.06 -55.66	174.85 6.75 -87.52	156.82 9.43 -35.92	188.89 9.74 -61.65	139.58 3.56 -94.62	101.73 4.68 -42.37	85.40 4.54 -27.29	70.83 5.01 -0.26	105.19 5.92 -22.90
PJM_GEN_VFT_PROXY 323633	108.17 4.06 0.00	49.15 2.24 0.05	43.70 2.04 0.09	72.35 3.09 0.00	58.94 2.58 0.00	67.48 3.04 0.00	90.32 4.29 -0.34	77.79 3.44 -14.41	79.59 3.45 -16.54	90.20 5.48 15.81	94.44 6.83 24.38	98.92 6.09 5.76	87.65 5.34 -0.68	78.58 5.11 9.02	64.12 3.97 4.36	113.79 4.28 -38.51	130.96 4.92 -45.46	139.96 7.30 -21.19	150.28 7.54 -25.24	94.59 2.69 -50.50	83.79 3.56 -25.56	63.35 3.37 -6.41	69.44 3.62 -0.26	87.79 3.98 -7.44
PLATSBURG_115KV_PMLD1 355749	106.71 2.59 0.00	48.04 1.07 0.00	42.52 0.77 0.00	70.53 1.28 0.00	57.36 1.00 0.00	65.59 1.15 0.00	87.10 1.41 0.00	60.95 1.00 0.00	60.43 0.84 0.00	101.74 1.21 0.00	113.01 1.03 0.00	99.55 0.96 0.00	82.24 0.62 0.00	83.21 0.71 0.00	65.14 0.64 0.00	71.49 0.49 0.00	81.23 0.64 0.00	112.08 0.61 0.00	118.06 0.57 0.00	41.69 0.29 0.00	55.08 0.41 0.00	53.95 0.38 0.00	66.16 0.61 0.00	77.01 0.64 0.00
PLEASANTVLY___LBMP 24000	108.63 4.52 0.00	49.32 2.36 0.00	43.89 2.14 0.00	72.62 3.37 0.00	59.12 2.76 0.00	67.66 3.22 0.00	90.52 4.48 -0.35	78.39 3.43 -15.02	80.24 3.40 -17.24	115.89 5.59 -9.77	120.66 6.71 -1.97	112.38 5.97 -7.82	88.54 5.11 -1.80	95.45 5.05 -7.90	83.77 3.97 -15.29	94.43 4.35 -19.08	115.03 5.05 -29.40	134.78 7.36 -15.96	129.51 7.68 -4.35	85.49 2.75 -41.34	75.35 3.58 -17.09	61.54 3.43 -4.55	69.64 3.82 -0.27	88.40 4.32 -7.71
PLSNTVLE_13_KV_13.8KVDIST 80602	109.09 4.97 0.00	49.55 2.58 0.00	44.09 2.34 0.00	72.92 3.66 0.00	59.36 3.01 0.00	67.96 3.52 0.00	90.99 4.96 -0.34	78.26 3.80 -14.51	80.05 3.80 -16.65	116.24 6.27 -9.44	121.40 7.51 -1.90	112.81 6.69 -7.54	89.09 5.73 -1.73	95.72 5.60 -7.63	89.88 4.43 -20.95	107.58 4.80 -31.77	128.73 5.57 -42.58	139.78 8.18 -20.12	130.70 8.52 -4.69	91.99 3.04 -47.54	80.38 3.97 -21.74	62.90 3.77 -5.56	70.01 4.19 -0.26	88.54 4.70 -7.47
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	109.09 4.97 0.00	49.55 2.58 0.00	44.09 2.34 0.00	72.92 3.66 0.00	59.36 3.01 0.00	67.96 3.52 0.00	90.99 4.96 -0.34	78.26 3.80 -14.51	80.05 3.80 -16.65	116.24 6.27 -9.44	121.40 7.51 -1.90	112.81 6.69 -7.54	89.09 5.73 -1.73	95.72 5.60 -7.63	89.88 4.43 -20.95	107.58 4.80 -31.77	128.73 5.57 -42.58	139.78 8.18 -20.12	130.70 8.52 -4.69	91.99 3.04 -47.54	80.38 3.97 -21.74	62.90 3.77 -5.56	70.01 4.19 -0.26	88.54 4.70 -7.47
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	110.24 6.12 0.00	50.04 3.07 0.00	44.53 2.77 0.00	73.70 4.44 0.00	59.99 3.64 0.00	68.72 4.28 0.00	92.04 5.97 -0.39	81.10 4.50 -16.65	83.22 4.51 -19.11	118.70 7.33 -10.84	122.68 8.51 -2.18	114.02 7.40 -8.03	89.67 6.21 -1.83	96.71 6.13 -8.09	76.76 4.88 -7.37	78.26 5.46 -1.80	98.39 6.49 -11.32	131.08 9.53 -10.07	131.23 9.98 -3.76	76.93 3.54 -31.99	69.72 4.62 -10.43	61.02 4.39 -3.07	70.79 4.93 -0.30	90.44 5.56 -8.51
POLETTI___ 23519	108.81 4.70 0.00	49.49 2.52 0.00	44.05 2.30 0.00	72.78 3.53 0.00	59.26 2.91 0.00	67.86 3.42 0.00	90.82 4.79 -0.34	78.20 3.85 -14.41	80.02 3.88 -16.54	116.17 6.27 -9.38	121.57 7.69 -1.89	112.91 6.84 -7.49	89.30 5.95 -1.72	95.86 5.77 -7.59	94.45 4.47 -25.47	117.39 4.80 -41.59	139.08 5.53 -52.98	143.03 8.00 -23.55	130.75 8.23 -5.04	97.34 2.91 -53.03	84.02 3.79 -25.56	63.56 3.58 -6.41	69.73 3.91 -0.26	88.18 4.36 -7.44
POMONA___ESR 323819	107.90 3.79 0.00	49.02 2.05 0.00	43.64 1.88 0.00	72.15 2.89 0.00	58.72 2.37 0.00	67.25 2.82 0.00	90.03 4.02 -0.33	76.99 3.13 -13.91	78.63 3.07 -15.97	114.91 5.33 -9.05	120.53 6.72 -1.82	111.67 5.87 -7.22	88.32 5.04 -1.66	94.16 4.58 -7.09	40.11 3.22 27.61	2.44 3.40 71.96	16.10 3.90 68.38	100.22 5.97 17.23	124.34 6.26 -0.58	29.58 2.23 14.05	37.83 2.90 19.74	52.55 2.75 3.77	68.73 2.93 -0.24	86.44 3.19 -6.88
PORT_JEFF_3 23555	113.36 9.22 -0.03	51.38 4.41 -0.01	45.66 3.90 -0.01	75.51 6.24 -0.01	61.37 5.02 0.00	70.26 5.82 0.00	94.03 8.01 -0.34	80.35 5.99 -14.42	82.02 5.88 -16.54	118.87 8.96 -9.38	124.65 10.77 -1.89	115.99 9.91 -7.49	102.22 8.70 -11.89	98.86 8.50 -7.87	124.68 7.10 -53.07	177.41 8.12 -98.30	278.36 9.19 -188.59	162.19 13.06 -37.65	181.22 13.55 -50.18	246.19 4.81 -199.98	153.40 6.45 -92.27	146.12 6.23 -86.32	72.74 6.91 -0.28	145.55 8.12 -61.05

PORT_JEFF_4 23616	113.36 9.22 -0.03	51.38 4.41 -0.01	45.66 3.90 -0.01	75.51 6.24 -0.01	61.37 5.02 0.00	70.26 5.82 0.00	94.03 8.01 -0.34	80.35 5.99 -14.42	82.02 5.88 -16.54	118.87 8.96 -9.38	124.65 10.77 -1.89	115.99 9.91 -7.49	102.22 8.70 -11.89	98.86 8.50 -7.87	124.68 7.10 -53.07	177.41 8.12 -98.30	278.36 9.19 -188.59	162.19 13.06 -37.65	181.22 13.55 -50.18	246.19 4.81 -199.98	153.40 6.45 -92.27	146.12 6.23 -86.32	72.74 6.91 -0.28	145.55 8.12 -61.05
PORT_JEFF_IC 23713	113.43 9.29 -0.03	51.42 4.45 -0.01	45.69 3.93 -0.01	75.55 6.29 -0.01	61.40 5.05 0.00	70.31 5.87 0.00	94.11 8.09 -0.34	80.40 6.05 -14.42	82.08 5.94 -16.54	118.98 9.08 -9.38	124.77 10.90 -1.89	116.07 10.00 -7.49	102.27 8.77 -11.87	98.93 8.57 -7.87	124.67 7.16 -52.99	177.35 8.21 -98.14	278.12 9.31 -188.23	162.44 13.28 -37.69	181.53 13.75 -50.28	245.85 4.82 -199.62	153.30 6.53 -92.09	145.99 6.31 -86.12	72.83 7.01 -0.28	145.51 8.22 -60.93
PPL PILGRIM_ST_GT1 24216	113.43 9.29 -0.03	51.42 4.45 -0.01	45.69 3.93 -0.01	75.55 6.29 -0.01	61.40 5.04 0.00	70.29 5.85 0.00	93.86 7.84 -0.34	80.22 5.86 -14.42	82.05 5.91 -16.54	118.97 9.06 -9.38	124.71 10.83 -1.89	116.19 10.11 -7.49	102.30 8.90 -11.77	99.03 8.66 -7.87	124.32 7.14 -52.67	176.40 7.94 -97.47	275.82 8.58 -186.65	161.07 11.75 -37.84	180.56 12.42 -50.65	244.12 4.66 -198.05	152.13 6.15 -91.31	144.73 5.96 -85.20	72.46 6.63 -0.28	144.55 7.81 -60.37
PPL PILGRIM_ST_GT2 24217	113.43 9.29 -0.03	51.42 4.45 -0.01	45.69 3.93 -0.01	75.55 6.29 -0.01	61.40 5.04 0.00	70.29 5.85 0.00	93.86 7.84 -0.34	80.22 5.86 -14.42	82.05 5.91 -16.54	118.97 9.06 -9.38	124.71 10.83 -1.89	116.19 10.11 -7.49	102.30 8.90 -11.77	99.03 8.66 -7.87	124.32 7.14 -52.67	176.40 7.94 -97.47	275.82 8.58 -186.65	161.07 11.75 -37.84	180.56 12.42 -50.65	244.12 4.66 -198.05	152.13 6.15 -91.31	144.73 5.96 -85.20	72.46 6.63 -0.28	144.55 7.81 -60.37
PPL_SHRM_GT3 24213	114.27 10.13 -0.03	51.80 4.83 -0.01	46.03 4.27 -0.01	76.13 6.87 -0.01	61.92 5.56 0.00	70.91 6.47 0.00	95.00 8.97 -0.34	81.03 6.68 -14.42	82.63 6.49 -16.54	119.73 9.82 -9.38	125.49 11.61 -1.89	116.51 10.43 -7.49	102.66 9.14 -11.88	99.34 8.98 -7.87	125.11 7.56 -53.04	178.05 8.82 -98.24	279.03 9.99 -188.45	163.83 14.69 -37.66	183.00 15.29 -50.22	246.69 5.44 -199.85	154.12 7.24 -92.21	146.77 6.96 -86.25	73.56 7.73 -0.28	146.41 9.04 -61.01
PPL_SHRM_GT4 24214	114.27 10.13 -0.03	51.80 4.83 -0.01	46.03 4.27 -0.01	76.13 6.87 -0.01	61.92 5.56 0.00	70.91 6.47 0.00	95.00 8.97 -0.34	81.03 6.68 -14.42	82.63 6.49 -16.54	119.73 9.82 -9.38	125.49 11.61 -1.89	116.51 10.43 -7.49	102.66 9.14 -11.88	99.34 8.98 -7.87	125.11 7.56 -53.04	178.05 8.82 -98.24	279.03 9.99 -188.45	163.83 14.69 -37.66	183.00 15.29 -50.22	246.69 5.44 -199.85	154.12 7.24 -92.21	146.77 6.96 -86.25	73.56 7.73 -0.28	146.41 9.04 -61.01
PROJECT___ORANGE 1 24174	101.26 -2.85 0.00	45.80 -1.17 0.00	40.71 -1.05 0.00	67.60 -1.65 0.00	54.99 -1.36 0.00	62.93 -1.52 0.00	83.71 -1.98 0.00	58.59 -1.35 0.00	58.31 -1.28 0.00	98.55 -1.98 0.00	109.73 -2.26 0.00	96.49 -2.10 0.00	79.96 -1.67 0.00	80.77 -1.72 0.00	63.12 -1.39 0.00	69.52 -1.47 0.00	79.12 -1.47 0.00	109.61 -1.86 0.00	115.35 -2.14 0.00	40.67 -0.84 -0.10	53.49 -1.18 0.00	52.40 -1.16 0.00	63.99 -1.57 0.00	74.58 -1.79 0.00
PROJECT___ORANGE 2 24166	101.26 -2.85 0.00	45.80 -1.17 0.00	40.71 -1.05 0.00	67.60 -1.65 0.00	54.99 -1.36 0.00	62.93 -1.52 0.00	83.71 -1.98 0.00	58.59 -1.35 0.00	58.31 -1.28 0.00	98.55 -1.98 0.00	109.73 -2.26 0.00	96.49 -2.10 0.00	79.96 -1.67 0.00	80.77 -1.72 0.00	63.12 -1.39 0.00	69.52 -1.47 0.00	79.12 -1.47 0.00	109.61 -1.86 0.00	115.35 -2.14 0.00	40.67 -0.84 -0.10	53.49 -1.18 0.00	52.40 -1.16 0.00	63.99 -1.57 0.00	74.58 -1.79 0.00
PUCKETT___SOLAR 323809	105.37 1.26 0.00	47.67 0.71 0.00	42.40 0.64 0.00	70.46 1.21 0.00	57.34 0.99 0.00	65.67 1.23 0.00	87.53 1.66 -0.18	68.87 1.23 -7.70	69.73 1.30 -8.84	108.23 2.69 -5.01	115.53 2.53 -1.01	103.93 2.10 -3.24	83.96 1.61 -0.73	87.18 1.44 -3.25	68.38 0.97 -2.91	72.98 1.27 -0.71	86.94 1.76 -4.60	118.29 2.76 -4.05	121.78 2.81 -1.48	54.91 0.84 -12.67	59.83 1.05 -4.11	55.77 0.99 -1.21	66.58 0.88 -0.14	81.19 0.89 -3.93
PYRITES___HYD 24023	106.57 2.46 0.00	47.72 0.76 0.00	42.39 0.64 0.00	70.38 1.12 0.00	57.23 0.88 0.00	65.16 0.71 0.00	86.41 0.73 0.00	60.33 0.39 0.00	59.88 0.28 0.00	101.07 0.54 0.00	112.09 0.10 0.00	98.65 0.06 0.00	81.43 -0.20 0.00	82.46 -0.03 0.00	64.70 0.19 0.00	71.11 0.11 0.00	80.61 0.03 0.00	111.41 -0.06 0.00	117.49 -0.01 0.00	41.37 -0.04 0.00	54.67 0.00 0.00	53.59 0.02 0.00	66.08 0.52 0.00	77.06 0.69 0.00
QUAKERRD_115KV_BK1 80622	96.25 -7.87 0.00	43.63 -3.34 0.00	38.82 -2.94 0.00	64.76 -4.50 0.00	52.40 -3.95 0.00	59.86 -4.59 0.00	79.33 -6.35 0.00	55.25 -4.69 0.00	55.06 -4.53 0.00	93.04 -7.49 0.00	103.58 -8.41 0.00	90.93 -7.66 0.00	75.49 -6.14 0.00	76.26 -6.23 0.00	59.57 -4.94 0.00	65.87 -5.13 0.00	74.99 -5.59 0.00	103.76 -7.72 0.00	108.99 -8.50 0.00	38.27 -3.27 -0.13	50.33 -4.35 0.00	49.45 -4.12 0.00	60.50 -5.06 0.00	70.84 -5.53 0.00
QUENSBRY_115KV_TB8 356137	111.38 7.27 0.00	50.41 3.44 0.00	44.74 2.98 0.00	74.13 4.87 0.00	60.32 3.97 0.00	69.32 4.88 0.00	95.85 6.81 -3.36	207.70 5.04 -142.72	228.56 5.17 -163.79	201.90 8.50 -92.86	140.19 9.52 -18.68	142.11 8.43 -35.09	95.94 7.20 -7.11	125.28 7.51 -35.27	98.97 5.86 -28.61	84.81 6.81 -7.00	141.87 8.02 -53.26	167.27 11.17 -44.62	143.52 11.44 -14.59	175.50 4.04 -130.06	100.44 5.29 -40.48	70.48 5.00 -11.92	73.92 5.80 -2.56	155.89 6.62 -72.90
RAMAPO___LBMP 323565	107.72 3.61 0.00	48.93 1.96 0.00	43.56 1.80 0.00	72.02 2.77 0.00	58.62 2.27 0.00	67.14 2.70 0.00	89.86 3.85 -0.33	76.81 3.00 -13.86	78.45 2.94 -15.91	114.55 5.00 -9.02	120.01 6.21 -1.81	111.19 5.42 -7.19	87.93 4.65 -1.65	93.87 4.28 -7.09	38.98 3.06 28.59	0.21 3.29 74.08	13.82 3.85 70.62	99.37 5.86 17.96	124.15 6.15 -0.51	28.38 2.18 15.20	36.96 2.84 20.56	52.33 2.71 3.95	68.68 2.88 -0.24	86.45 3.19 -6.90
RANKINE____ 23646	95.88 -8.24 0.00	43.60 -3.36 0.00	38.79 -2.97 0.00	65.08 -4.17 0.00	52.36 -3.99 0.00	59.54 -4.90 0.00	78.43 -7.25 0.00	54.16 -5.79 0.00	53.99 -5.60 0.00	91.30 -9.22 0.00	101.33 -10.65 0.00	90.04 -9.74 -1.19	74.28 -7.64 -0.29	75.70 -7.95 -1.17	59.33 -6.38 -1.21	64.85 -6.44 -0.30	74.94 -7.17 -1.53	102.93 -10.00 -1.46	106.76 -11.35 -0.62	41.88 -4.46 -4.93	50.61 -5.77 -1.71	48.75 -5.32 -0.50	59.13 -6.42 0.00	69.72 -6.65 0.00
RAVENSWOOD_GT2_1 24244	109.00 4.89 0.00	49.57 2.60 0.00	44.13 2.37 0.00	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.90 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.97 6.89 -7.49	89.35 6.00 -1.72	95.91 5.83 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.99 4.17 -0.26	88.45 4.63 -7.44

RAVENSWOOD_GT2_2 24245	109.00 4.89 0.00	49.57 2.60 0.00	44.13 2.37 0.00	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.90 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.97 6.89 -7.49	89.35 6.00 -1.72	95.91 5.83 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.99 4.17 -0.26	88.45 4.63 -7.44
RAVENSWOOD_GT2_3 24246	109.07 4.96 0.00	49.59 2.62 0.00	44.14 2.38 0.00	72.92 3.67 0.00	59.37 3.02 0.00	67.99 3.55 0.00	91.00 4.98 -0.34	78.27 3.91 -14.41	80.10 3.96 -16.54	116.36 6.46 -9.38	121.74 7.87 -1.89	113.01 6.94 -7.49	89.39 6.05 -1.72	95.95 5.87 -7.59	94.52 4.57 -25.44	117.43 4.92 -41.52	139.12 5.65 -52.89	143.28 8.28 -23.53	131.10 8.58 -5.03	97.45 3.06 -52.99	84.22 4.02 -25.53	63.79 3.82 -6.41	70.01 4.19 -0.26	88.49 4.67 -7.44
RAVENSWOOD_GT2_4 24247	109.07 4.96 0.00	49.59 2.62 0.00	44.14 2.38 0.00	72.92 3.67 0.00	59.37 3.02 0.00	67.99 3.55 0.00	91.00 4.98 -0.34	78.27 3.91 -14.41	80.10 3.96 -16.54	116.36 6.46 -9.38	121.74 7.87 -1.89	113.01 6.94 -7.49	89.39 6.05 -1.72	95.95 5.87 -7.59	94.52 4.57 -25.44	117.43 4.92 -41.52	139.12 5.65 -52.89	143.28 8.28 -23.53	131.10 8.58 -5.03	97.45 3.06 -52.99	84.22 4.02 -25.53	63.79 3.82 -6.41	70.01 4.19 -0.26	88.49 4.67 -7.44
RAVENSWOOD_GT3_1 24248	109.00 4.89 0.00	49.57 2.60 0.00	44.13 2.37 0.00	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.90 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.97 6.89 -7.49	89.35 6.00 -1.72	95.91 5.83 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.99 4.17 -0.26	88.45 4.63 -7.44
RAVENSWOOD_GT3_2 24249	109.00 4.89 0.00	49.57 2.60 0.00	44.13 2.37 0.00	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.90 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.97 6.89 -7.49	89.35 6.00 -1.72	95.91 5.83 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.99 4.17 -0.26	88.45 4.63 -7.44
RAVENSWOOD_GT3_3 24250	109.18 5.06 0.00	49.63 2.67 0.00	44.18 2.42 0.00	72.99 3.74 0.00	59.42 3.07 0.00	68.05 3.61 0.00	91.09 5.06 -0.34	78.34 3.98 -14.41	80.17 4.03 -16.54	116.48 6.57 -9.38	121.86 7.99 -1.89	113.13 7.06 -7.49	89.48 6.13 -1.72	96.05 5.96 -7.59	94.59 4.65 -25.44	117.51 5.00 -41.52	139.23 5.75 -52.89	143.42 8.41 -23.53	131.24 8.72 -5.03	97.50 3.11 -52.99	84.28 4.08 -25.53	63.85 3.88 -6.41	70.10 4.28 -0.26	88.56 4.75 -7.44
RAVENSWOOD_GT3_4 24251	109.18 5.06 0.00	49.63 2.67 0.00	44.18 2.42 0.00	72.99 3.74 0.00	59.42 3.07 0.00	68.05 3.61 0.00	91.09 5.06 -0.34	78.34 3.98 -14.41	80.17 4.03 -16.54	116.48 6.57 -9.38	121.86 7.99 -1.89	113.13 7.06 -7.49	89.48 6.13 -1.72	96.05 5.96 -7.59	94.59 4.65 -25.44	117.51 5.00 -41.52	139.23 5.75 -52.89	143.42 8.41 -23.53	131.24 8.72 -5.03	97.50 3.11 -52.99	84.28 4.08 -25.53	63.85 3.88 -6.41	70.10 4.28 -0.26	88.56 4.75 -7.44
RAVENSWOOD_GT_1 23729	109.23 5.12 0.00	50.81 2.74 -1.11	45.93 2.49 -1.68	73.04 3.79 0.00	59.47 3.12 0.00	68.10 3.66 0.00	91.12 5.09 -0.34	78.40 4.04 -14.41	80.24 4.10 -16.54	116.60 6.69 -9.38	122.04 8.17 -1.89	113.24 7.17 -7.49	89.69 6.34 -1.72	96.97 6.09 -8.39	95.72 4.72 -26.50	117.56 5.05 -41.52	139.24 5.76 -52.89	143.46 8.46 -23.53	131.35 8.83 -5.03	102.03 3.20 -57.43	85.98 4.19 -27.12	63.96 3.99 -6.41	70.24 4.43 -0.26	88.73 4.92 -7.44
RAVENSWOOD_GT_10 24258	109.00 4.89 0.00	49.69 2.60 -0.13	44.32 2.37 -0.20	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.89 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.96 6.88 -7.49	89.33 5.98 -1.72	95.91 5.82 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.98 4.17 -0.26	88.45 4.63 -7.44
RAVENSWOOD_GT_11 24259	109.00 4.89 0.00	49.69 2.60 -0.13	44.32 2.37 -0.20	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.89 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.96 6.88 -7.49	89.33 5.98 -1.72	95.91 5.82 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.98 4.17 -0.26	88.45 4.63 -7.44
RAVENSWOOD_GT_4 24252	109.01 4.90 0.00	50.41 2.60 -0.85	45.41 2.36 -1.28	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.53 0.00	90.97 4.95 -0.34	78.24 3.88 -14.41	80.06 3.92 -16.54	116.31 6.40 -9.38	121.64 7.77 -1.89	112.96 6.89 -7.49	89.33 5.98 -1.72	95.90 5.81 -7.59	94.48 4.54 -25.44	117.41 4.89 -41.52	139.10 5.63 -52.89	143.23 8.23 -23.53	131.05 8.52 -5.03	97.43 3.04 -52.99	84.18 3.98 -25.53	63.74 3.77 -6.41	69.97 4.16 -0.26	88.42 4.61 -7.44
RAVENSWOOD_GT_5 24254	109.01 4.90 0.00	50.41 2.60 -0.85	45.41 2.36 -1.28	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.53 0.00	90.97 4.95 -0.34	78.24 3.88 -14.41	80.06 3.92 -16.54	116.31 6.40 -9.38	121.64 7.77 -1.89	112.96 6.89 -7.49	89.33 5.98 -1.72	95.90 5.81 -7.59	94.48 4.54 -25.44	117.41 4.89 -41.52	139.10 5.63 -52.89	143.23 8.23 -23.53	131.05 8.52 -5.03	97.43 3.04 -52.99	84.18 3.98 -25.53	63.74 3.77 -6.41	69.97 4.16 -0.26	88.42 4.61 -7.44
RAVENSWOOD_GT_6 24253	109.01 4.90 0.00	50.41 2.60 -0.85	45.41 2.36 -1.28	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.53 0.00	90.97 4.95 -0.34	78.24 3.88 -14.41	80.06 3.92 -16.54	116.31 6.40 -9.38	121.64 7.77 -1.89	112.96 6.89 -7.49	89.33 5.98 -1.72	95.90 5.81 -7.59	94.48 4.54 -25.44	117.41 4.89 -41.52	139.10 5.63 -52.89	143.23 8.23 -23.53	131.05 8.52 -5.03	97.43 3.04 -52.99	84.18 3.98 -25.53	63.74 3.77 -6.41	69.97 4.16 -0.26	88.42 4.61 -7.44
RAVENSWOOD_GT_7 24255	109.01 4.90 0.00	50.41 2.60 -0.85	45.41 2.36 -1.28	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.53 0.00	90.97 4.95 -0.34	78.24 3.88 -14.41	80.06 3.92 -16.54	116.31 6.40 -9.38	121.64 7.77 -1.89	112.96 6.89 -7.49	89.33 5.98 -1.72	95.90 5.81 -7.59	94.48 4.54 -25.44	117.41 4.89 -41.52	139.10 5.63 -52.89	143.23 8.23 -23.53	131.05 8.52 -5.03	97.43 3.04 -52.99	84.18 3.98 -25.53	63.74 3.77 -6.41	69.97 4.16 -0.26	88.42 4.61 -7.44
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	109.00 4.89 0.00	49.69 2.60 -0.13	44.32 2.37 -0.20	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.89 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.96 6.88 -7.49	89.33 5.98 -1.72	95.91 5.82 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.98 4.17 -0.26	88.45 4.63 -7.44

RAVENSWOOD_GT_9 24257	109.00 4.89 0.00	49.69 2.60 -0.13	44.32 2.37 -0.20	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.54 0.00	90.97 4.95 -0.34	78.25 3.89 -14.41	80.06 3.93 -16.54	116.31 6.40 -9.38	121.68 7.81 -1.89	112.96 6.88 -7.49	89.33 5.98 -1.72	95.91 5.82 -7.59	94.47 4.53 -25.44	117.39 4.88 -41.52	139.09 5.62 -52.89	143.22 8.22 -23.53	131.05 8.52 -5.03	97.44 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.98 4.17 -0.26	88.45 4.63 -7.44
RAVENSWOOD___1 23533	109.06 4.94 0.00	48.52 2.65 1.10	42.52 2.42 1.66	72.92 3.66 0.00	59.39 3.03 0.00	68.02 3.58 0.00	91.01 4.98 -0.34	78.31 3.95 -14.41	80.14 4.00 -16.54	116.36 6.45 -9.38	121.83 7.96 -1.89	113.03 6.95 -7.49	89.51 6.16 -1.72	95.97 5.89 -7.59	94.53 4.59 -25.44	117.41 4.90 -41.52	139.07 5.60 -52.89	143.23 8.22 -23.53	131.10 8.57 -5.03	97.49 3.10 -52.99	84.29 4.09 -25.53	63.85 3.88 -6.41	70.10 4.29 -0.26	88.57 4.75 -7.44
RAVENSWOOD___2 23534	109.06 4.94 0.00	48.52 2.65 1.10	42.52 2.42 1.66	72.92 3.66 0.00	59.39 3.03 0.00	68.02 3.58 0.00	91.01 4.98 -0.34	78.31 3.95 -14.41	80.14 4.00 -16.54	116.36 6.45 -9.38	121.83 7.96 -1.89	113.03 6.95 -7.49	89.51 6.16 -1.72	95.97 5.89 -7.59	94.53 4.59 -25.44	117.41 4.90 -41.52	139.07 5.60 -52.89	143.23 8.22 -23.53	131.10 8.57 -5.03	97.49 3.10 -52.99	84.29 4.09 -25.53	63.85 3.88 -6.41	70.10 4.29 -0.26	88.57 4.75 -7.44
RAVENSWOOD___3 23535	109.01 4.89 0.00	49.56 2.60 0.00	44.13 2.37 0.00	72.91 3.66 0.00	59.35 3.00 0.00	67.97 3.53 0.00	90.97 4.94 -0.34	78.25 3.90 -14.41	80.06 3.92 -16.54	116.26 6.36 -9.38	121.66 7.79 -1.89	112.96 6.89 -7.49	89.34 5.99 -1.72	95.91 5.82 -7.59	94.47 4.53 -25.44	117.38 4.87 -41.52	139.06 5.59 -52.89	143.23 8.22 -23.53	131.04 8.52 -5.03	97.43 3.04 -52.99	84.19 3.99 -25.53	63.76 3.79 -6.41	69.98 4.16 -0.26	88.44 4.63 -7.44
RAVENSWOOD___4 23820	109.06 4.94 0.00	48.52 2.65 1.10	42.52 2.42 1.66	72.92 3.66 0.00	59.39 3.03 0.00	68.02 3.58 0.00	91.01 4.98 -0.34	78.31 3.95 -14.41	80.14 4.00 -16.54	116.36 6.45 -9.38	121.83 7.96 -1.89	113.03 6.95 -7.49	89.51 6.16 -1.72	95.97 5.89 -7.59	94.53 4.59 -25.44	117.41 4.90 -41.52	139.07 5.60 -52.89	143.23 8.22 -23.53	131.10 8.57 -5.03	97.49 3.10 -52.99	84.29 4.09 -25.53	63.85 3.88 -6.41	70.10 4.29 -0.26	88.57 4.75 -7.44
RCPL_TRUST___DRP 24196	109.14 5.03 0.00	49.63 2.67 0.00	44.18 2.42 0.00	72.99 3.74 0.00	59.43 3.08 0.00	68.05 3.61 0.00	91.09 5.07 -0.34	78.35 3.99 -14.41	80.17 4.03 -16.54	116.51 6.60 -9.38	121.89 8.02 -1.89	113.13 7.06 -7.49	89.45 6.11 -1.72	96.03 5.95 -7.59	94.67 4.62 -25.55	117.74 4.98 -41.76	139.46 5.72 -53.15	143.46 8.37 -23.61	131.18 8.65 -5.04	97.62 3.09 -53.12	84.35 4.05 -25.62	63.83 3.84 -6.43	70.05 4.23 -0.26	88.52 4.71 -7.44
RED___ROCHESTER 323720	97.91 -6.20 0.00	44.40 -2.56 0.00	39.49 -2.26 0.00	65.98 -3.28 0.00	53.30 -3.05 0.00	60.83 -3.61 0.00	80.60 -5.09 0.00	56.67 -3.86 -0.58	59.80 -3.60 -3.80	114.30 -5.81 -19.58	120.01 -6.70 -14.72	95.57 -6.19 -3.17	78.03 -4.97 -1.37	79.87 -4.99 -2.36	60.54 -3.97 0.00	67.56 -3.95 -0.51	91.15 -4.20 -14.77	129.27 -5.82 -23.61	136.05 -6.53 -25.09	39.79 -2.63 -1.01	51.13 -3.54 0.00	50.27 -3.29 0.00	61.53 -4.03 0.00	72.07 -4.30 0.00
REGAN___SOLAR 323812	111.05 6.93 0.00	50.07 3.10 0.00	44.51 2.75 0.00	73.90 4.64 0.00	60.18 3.83 0.00	68.98 4.54 0.00	95.14 6.13 -3.33	205.68 4.47 -141.26	226.04 4.33 -162.12	199.02 6.58 -91.91	137.51 7.03 -18.49	138.79 5.69 -34.51	92.89 4.28 -6.98	121.27 4.08 -34.69	95.84 3.24 -28.09	82.57 4.70 -6.87	139.45 6.44 -52.43	164.78 9.41 -43.90	141.66 9.84 -14.33	172.74 3.38 -127.95	98.79 4.37 -39.75	69.49 4.23 -11.70	73.02 4.93 -2.54	153.98 5.46 -72.15
RENSSELAER___COGEN 23796	107.95 3.84 0.00	48.88 1.91 0.00	43.47 1.72 0.00	72.03 2.78 0.00	58.64 2.29 0.00	67.16 2.71 0.00	91.08 3.59 -1.80	138.81 2.52 -76.35	149.71 2.49 -87.62	154.23 4.03 -49.68	126.85 4.87 -9.99	124.21 4.34 -21.28	89.71 3.64 -4.44	107.55 3.65 -21.40	85.14 2.75 -17.88	77.85 2.48 -4.38	115.21 2.87 -31.75	142.27 3.82 -26.98	130.63 4.02 -9.12	123.22 1.51 -80.31	81.94 1.97 -25.30	62.98 1.97 -7.45	69.34 2.42 -1.37	118.83 3.45 -39.01
REPUBLIC_115KV_BARTNBRK 55605	115.36 11.24 0.00	52.26 5.29 0.00	46.21 4.45 0.00	76.54 7.28 0.00	62.21 5.86 0.00	71.74 7.30 0.00	99.43 10.40 -3.35	209.61 7.68 -141.99	230.52 7.97 -162.95	205.75 12.84 -92.39	144.67 14.10 -18.59	146.18 12.65 -34.94	99.43 10.72 -7.08	128.97 11.35 -35.12	102.03 9.04 -28.49	88.97 11.00 -6.97	146.59 12.98 -53.03	173.67 17.77 -44.43	149.98 17.96 -14.53	177.30 6.38 -129.51	103.39 8.41 -40.31	73.38 7.95 -11.87	77.51 9.40 -2.55	159.74 10.84 -72.53
REVERE_CPWR_DRP 24186	107.58 3.46 0.00	48.74 1.77 0.00	43.33 1.58 0.00	71.89 2.64 0.00	58.59 2.23 0.00	67.11 2.66 0.00	89.48 3.80 0.00	62.81 2.87 0.00	62.61 3.01 0.00	105.68 5.15 0.00	117.36 5.38 0.00	102.86 4.27 0.00	85.11 3.49 0.00	86.09 3.59 0.00	67.15 2.64 0.00	74.19 3.19 0.00	84.75 4.17 0.00	117.38 5.91 0.00	123.64 6.15 0.00	43.54 2.08 -0.05	57.31 2.63 0.00	56.09 2.52 0.00	68.37 2.82 0.00	79.48 3.11 0.00
REYNOLDS_115KV_TB3 80639	108.28 4.16 0.00	49.02 2.06 0.00	43.60 1.84 0.00	72.20 2.94 0.00	58.77 2.41 0.00	67.32 2.88 0.00	91.56 3.88 -2.00	147.51 2.77 -84.80	159.66 2.75 -97.31	160.17 4.47 -55.17	128.42 5.33 -11.10	126.41 4.80 -23.02	90.42 4.01 -4.78	109.70 4.05 -23.15	86.87 3.14 -19.23	78.83 3.12 -4.71	118.62 3.57 -34.47	145.52 4.84 -29.21	132.35 5.05 -9.81	129.84 1.85 -86.58	84.31 2.43 -27.21	63.96 2.39 -8.01	69.93 2.85 -1.52	123.39 3.70 -43.32
RIVERBAY____ 323610	109.39 5.27 0.00	49.66 2.69 0.00	44.14 2.38 0.00	72.88 3.63 0.00	59.38 3.03 0.00	68.05 3.62 0.00	91.20 5.18 -0.34	78.32 3.97 -14.41	80.21 4.08 -16.54	116.39 6.48 -9.38	121.81 7.94 -1.89	112.86 6.78 -7.49	89.57 6.22 -1.72	95.84 5.76 -7.59	94.47 4.52 -25.44	117.37 4.86 -41.52	139.13 5.65 -52.89	143.38 8.37 -23.53	131.12 8.60 -5.03	97.43 3.04 -52.99	84.11 3.91 -25.53	63.75 3.78 -6.41	69.98 4.17 -0.26	88.41 4.60 -7.44
RIVERSIDE_115KV_TB3 55908	108.23 4.11 0.00	49.01 2.05 0.00	43.58 1.83 0.00	72.17 2.92 0.00	58.77 2.41 0.00	67.32 2.88 0.00	91.59 3.88 -2.03	148.65 2.76 -85.95	160.97 2.74 -98.64	160.91 4.46 -55.92	128.57 5.33 -11.25	126.66 4.80 -23.27	90.47 4.01 -4.83	109.94 4.04 -23.40	87.01 3.08 -19.43	78.67 2.92 -4.76	118.79 3.35 -34.86	145.51 4.52 -29.52	132.14 4.74 -9.91	130.63 1.75 -87.48	84.44 2.28 -27.48	63.91 2.26 -8.09	69.82 2.73 -1.54	123.97 3.69 -43.91
ROARING___BROOK_WT_PWR 323790	104.45 0.34 0.00	47.05 0.09 0.00	41.84 0.09 0.00	69.39 0.14 0.00	56.46 0.11 0.00	64.51 0.07 0.00	85.77 0.08 0.00	59.95 0.01 0.00	59.58 -0.02 0.00	100.47 -0.06 0.00	111.87 -0.11 0.00	98.47 -0.12 0.00	81.52 -0.10 0.00	82.41 -0.08 0.00	64.45 -0.05 0.00	70.93 -0.07 0.00	80.44 -0.14 0.00	111.25 -0.22 0.00	117.26 -0.23 0.00	41.32 -0.08 0.00	54.59 -0.09 0.00	53.50 -0.06 0.00	65.56 0.00 0.00	76.38 0.01 0.00

ROCHESRG_115KV_T4 355643	96.91 -7.21 0.00	43.95 -3.02 0.00	39.10 -2.66 0.00	65.31 -3.95 0.00	52.77 -3.58 0.00	60.20 -4.24 0.00	79.69 -5.99 0.00	55.86 -4.53 -0.45	58.17 -4.36 -2.93	108.41 -7.23 -15.11	115.23 -8.12 -11.36	93.57 -7.46 -2.45	76.72 -5.97 -1.06	78.25 -6.07 -1.82	59.70 -4.81 0.00	66.45 -4.94 -0.39	86.60 -5.38 -11.40	122.29 -7.40 -18.22	128.67 -8.18 -19.36	39.01 -3.21 -0.81	50.42 -4.26 0.00	49.59 -3.97 0.00	60.73 -4.82 0.00	71.23 -5.14 0.00
ROCHESTER_9_IC 23652	97.43 -6.69 0.00	44.18 -2.79 0.00	39.31 -2.45 0.00	65.64 -3.61 0.00	53.04 -3.31 0.00	60.53 -3.92 0.00	80.17 -5.52 0.00	56.33 -4.20 -0.58	59.39 -4.00 -3.80	113.49 -6.62 -19.58	119.28 -7.43 -14.73	94.91 -6.85 -3.17	77.57 -5.43 -1.37	79.30 -5.55 -2.36	60.10 -4.40 0.00	67.04 -4.47 -0.51	90.52 -4.84 -14.77	128.46 -6.63 -23.62	135.20 -7.38 -25.10	39.49 -2.93 -1.01	50.77 -3.90 0.00	49.92 -3.64 0.00	61.11 -4.44 0.00	71.66 -4.71 0.00
ROCKVIEW_13_KV_LD 356306	109.49 5.37 0.00	49.73 2.77 0.00	44.26 2.51 0.00	73.18 3.92 0.00	59.57 3.22 0.00	68.21 3.77 0.00	91.29 5.27 -0.34	78.41 4.05 -14.41	80.19 4.05 -16.54	116.61 6.71 -9.38	121.96 8.09 -1.89	113.26 7.19 -7.49	89.51 6.16 -1.72	96.13 6.05 -7.59	94.74 4.76 -25.47	117.75 5.17 -41.59	139.53 5.97 -52.98	143.78 8.75 -23.55	131.63 9.11 -5.04	97.68 3.25 -53.03	84.49 4.25 -25.56	64.03 4.05 -6.41	70.30 4.49 -0.26	88.85 5.03 -7.44
ROME____115KV_TB2 80656	107.58 3.46 0.00	48.74 1.77 0.00	43.33 1.58 0.00	71.89 2.64 0.00	58.59 2.23 0.00	67.11 2.66 0.00	89.48 3.80 0.00	62.81 2.87 0.00	62.61 3.01 0.00	105.68 5.15 0.00	117.36 5.38 0.00	102.86 4.27 0.00	85.11 3.49 0.00	86.09 3.59 0.00	67.15 2.64 0.00	74.19 3.19 0.00	84.75 4.17 0.00	117.38 5.91 0.00	123.64 6.15 0.00	43.54 2.08 -0.05	57.31 2.63 0.00	56.09 2.52 0.00	68.37 2.82 0.00	79.48 3.11 0.00
ROSETON___1 23587	108.34 4.23 0.00	49.19 2.22 0.00	43.78 2.02 0.00	72.42 3.16 0.00	58.95 2.60 0.00	67.48 3.04 0.00	90.27 4.25 -0.34	77.47 3.26 -14.27	79.21 3.24 -16.37	115.14 5.32 -9.28	120.32 6.47 -1.87	111.72 5.73 -7.41	88.25 4.93 -1.70	94.71 4.78 -7.44	75.05 3.71 -6.83	76.73 4.06 -1.67	95.62 4.69 -10.35	127.66 6.93 -9.25	128.20 7.22 -3.49	73.55 2.58 -29.56	67.72 3.38 -9.67	59.63 3.22 -2.85	69.36 3.54 -0.26	87.63 3.99 -7.27
ROSETON___2 23588	108.34 4.23 0.00	49.19 2.22 0.00	43.78 2.02 0.00	72.42 3.16 0.00	58.95 2.60 0.00	67.48 3.04 0.00	90.27 4.25 -0.34	77.47 3.26 -14.27	79.21 3.24 -16.37	115.14 5.32 -9.28	120.32 6.47 -1.87	111.72 5.73 -7.41	88.25 4.93 -1.70	94.71 4.78 -7.44	75.05 3.71 -6.83	76.73 4.06 -1.67	95.62 4.69 -10.35	127.66 6.93 -9.25	128.20 7.22 -3.49	73.55 2.58 -29.56	67.72 3.38 -9.67	59.63 3.22 -2.85	69.36 3.54 -0.26	87.63 3.99 -7.27
ROTRRDAM_115KV_TB3 80664	107.42 3.31 0.00	48.58 1.62 0.00	43.21 1.45 0.00	71.62 2.36 0.00	58.30 1.94 0.00	66.75 2.31 0.00	92.45 3.11 -3.65	217.11 2.28 -154.89	239.63 2.28 -177.76	205.01 3.70 -100.78	136.53 4.27 -20.27	140.08 3.86 -37.63	92.49 3.26 -7.60	123.58 3.26 -37.82	97.67 2.59 -30.58	81.41 2.93 -7.48	141.20 3.40 -57.21	164.16 4.82 -47.87	138.11 5.02 -15.60	182.40 1.78 -139.21	100.26 2.31 -43.27	68.53 2.23 -12.74	70.91 2.57 -2.78	158.43 2.95 -79.11
RUSSELL___1 23602	97.91 -6.20 0.00	44.40 -2.56 0.00	39.49 -2.26 0.00	65.98 -3.28 0.00	53.30 -3.05 0.00	60.83 -3.61 0.00	80.60 -5.09 0.00	56.65 -3.87 -0.58	59.73 -3.66 -3.80	114.10 -6.00 -19.58	119.95 -6.76 -14.72	95.51 -6.24 -3.17	78.09 -4.91 -1.37	79.83 -5.03 -2.36	60.52 -3.99 0.00	67.51 -4.00 -0.51	91.06 -4.29 -14.77	129.21 -5.88 -23.61	135.96 -6.62 -25.09	39.74 -2.67 -1.01	51.12 -3.55 0.00	50.25 -3.31 0.00	61.50 -4.05 0.00	72.07 -4.30 0.00
RUSSELL___2 23532	97.91 -6.20 0.00	44.40 -2.56 0.00	39.49 -2.26 0.00	65.98 -3.28 0.00	53.30 -3.05 0.00	60.83 -3.61 0.00	80.60 -5.09 0.00	56.65 -3.87 -0.58	59.73 -3.66 -3.80	114.10 -6.00 -19.58	119.95 -6.76 -14.72	95.51 -6.24 -3.17	78.09 -4.91 -1.37	79.83 -5.03 -2.36	60.52 -3.99 0.00	67.51 -4.00 -0.51	91.06 -4.29 -14.77	129.21 -5.88 -23.61	135.96 -6.62 -25.09	39.74 -2.67 -1.01	51.12 -3.55 0.00	50.25 -3.31 0.00	61.50 -4.05 0.00	72.07 -4.30 0.00
RUSSELL___3 23549	97.91 -6.20 0.00	44.40 -2.56 0.00	39.49 -2.26 0.00	65.98 -3.28 0.00	53.30 -3.05 0.00	60.83 -3.61 0.00	80.60 -5.09 0.00	56.65 -3.87 -0.58	59.73 -3.66 -3.80	114.10 -6.00 -19.58	119.95 -6.76 -14.72	95.51 -6.24 -3.17	78.09 -4.91 -1.37	79.83 -5.03 -2.36	60.52 -3.99 0.00	67.51 -4.00 -0.51	91.06 -4.29 -14.77	129.21 -5.88 -23.61	135.96 -6.62 -25.09	39.74 -2.67 -1.01	51.12 -3.55 0.00	50.25 -3.31 0.00	61.50 -4.05 0.00	72.07 -4.30 0.00
RUSSELL___4 23556	97.91 -6.20 0.00	44.40 -2.56 0.00	39.49 -2.26 0.00	65.98 -3.28 0.00	53.30 -3.05 0.00	60.83 -3.61 0.00	80.60 -5.09 0.00	56.65 -3.87 -0.58	59.73 -3.66 -3.80	114.10 -6.00 -19.58	119.95 -6.76 -14.72	95.51 -6.24 -3.17	78.09 -4.91 -1.37	79.83 -5.03 -2.36	60.52 -3.99 0.00	67.51 -4.00 -0.51	91.06 -4.29 -14.77	129.21 -5.88 -23.61	135.96 -6.62 -25.09	39.74 -2.67 -1.01	51.12 -3.55 0.00	50.25 -3.31 0.00	61.50 -4.05 0.00	72.07 -4.30 0.00
RUSSELL___STATION 23914	97.91 -6.20 0.00	44.40 -2.56 0.00	39.49 -2.26 0.00	65.98 -3.28 0.00	53.30 -3.05 0.00	60.83 -3.61 0.00	80.60 -5.09 0.00	56.65 -3.87 -0.58	59.73 -3.66 -3.80	114.10 -6.00 -19.58	119.95 -6.76 -14.72	95.51 -6.24 -3.17	78.09 -4.91 -1.37	79.83 -5.03 -2.36	60.52 -3.99 0.00	67.51 -4.00 -0.51	91.06 -4.29 -14.77	129.21 -5.88 -23.61	135.96 -6.62 -25.09	39.74 -2.67 -1.01	51.12 -3.55 0.00	50.25 -3.31 0.00	61.50 -4.05 0.00	72.07 -4.30 0.00
S SALMON___HYD 24043	102.52 -1.59 0.00	46.30 -0.66 0.00	41.14 -0.62 0.00	68.28 -0.97 0.00	55.57 -0.79 0.00	63.50 -0.95 0.00	84.46 -1.23 0.00	59.21 -0.74 0.00	58.99 -0.61 0.00	99.91 -0.62 0.00	111.29 -0.69 0.00	97.78 -0.81 0.00	80.92 -0.71 0.00	81.61 -0.89 0.00	63.74 -0.77 0.00	70.17 -0.83 0.00	79.75 -0.83 0.00	110.23 -1.24 0.00	116.01 -1.48 0.00	40.87 -0.61 -0.08	53.71 -0.97 0.00	52.73 -0.84 0.00	64.39 -1.17 0.00	74.94 -1.43 0.00
S.PERRY__115KV_TB1 80734	97.83 -6.28 0.00	44.55 -2.41 0.00	39.61 -2.15 0.00	66.02 -3.23 0.00	52.71 -3.64 0.00	59.62 -4.82 0.00	78.63 -7.06 0.00	55.18 -4.77 0.00	54.96 -4.64 0.00	92.02 -8.51 0.00	102.50 -9.48 0.00	91.00 -8.82 -1.24	74.23 -7.71 -0.32	75.46 -8.29 -1.26	59.59 -6.18 -1.26	65.51 -5.80 -0.31	76.16 -6.02 -1.60	103.93 -9.07 -1.52	107.83 -10.30 -0.64	43.29 -3.27 -5.16	51.88 -4.58 -1.79	49.68 -4.41 -0.53	59.92 -5.63 0.00	69.41 -6.96 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	94.21 -9.90 0.00	42.86 -4.11 0.00	38.14 -3.61 0.00	64.03 -5.22 0.00	51.45 -4.90 0.00	58.50 -5.93 0.00	77.00 -8.68 0.00	52.38 -6.84 0.72	48.26 -6.66 4.68	65.38 -11.06 24.09	81.23 -12.64 18.11	84.21 -11.60 2.77	70.99 -9.21 1.43	71.19 -9.48 1.83	58.11 -7.54 -1.15	62.93 -7.71 0.34	55.29 -8.57 16.72	71.90 -11.90 27.67	73.94 -13.27 30.29	39.86 -5.18 -3.63	49.59 -6.72 -1.63	47.86 -6.18 -0.48	58.14 -7.42 0.00	68.65 -7.72 0.00

SAWYER___23_KV_LOAD 55526	94.21 -9.90 0.00	42.86 -4.11 0.00	38.14 -3.61 0.00	64.03 -5.22 0.00	51.45 -4.90 0.00	58.50 -5.93 0.00	77.00 -8.68 0.00	52.38 -6.84 0.72	48.26 -6.66 4.68	65.38 -11.06 24.09	81.23 -12.64 18.11	84.21 -11.60 2.77	70.99 -9.21 1.43	71.19 -9.48 1.83	58.11 -7.54 -1.15	62.93 -7.71 0.34	55.29 -8.57 16.72	71.90 -11.90 27.67	73.94 -13.27 30.29	39.86 -5.18 -3.63	49.59 -6.72 -1.63	47.86 -6.18 -0.48	58.14 -7.42 0.00	68.65 -7.72 0.00
SELKIRK___I 23801	108.08 3.96 0.00	48.96 1.99 0.00	43.55 1.79 0.00	72.17 2.92 0.00	58.78 2.42 0.00	67.29 2.85 0.00	90.74 3.72 -1.33	119.13 2.55 -56.63	127.08 2.49 -64.99	141.39 4.01 -36.85	123.95 4.55 -7.41	119.87 4.13 -17.15	88.65 3.39 -3.64	103.01 3.27 -17.25	81.74 2.57 -14.66	77.32 2.74 -3.59	109.15 3.25 -25.32	137.48 4.31 -21.70	129.42 4.45 -7.47	108.42 1.63 -65.39	77.53 2.11 -20.74	61.79 2.12 -6.10	69.17 2.60 -1.02	108.75 3.44 -28.94
SELKIRK___II 23799	107.59 3.48 0.00	48.72 1.75 0.00	43.33 1.57 0.00	71.77 2.52 0.00	58.46 2.11 0.00	66.93 2.49 0.00	90.41 3.30 -1.43	122.93 2.33 -60.66	131.51 2.29 -69.62	143.73 3.73 -39.47	124.33 4.40 -7.94	120.59 3.96 -18.04	88.77 3.33 -3.82	103.93 3.29 -18.14	82.42 2.55 -15.36	77.25 2.50 -3.76	110.18 2.91 -26.69	138.22 3.92 -22.83	129.42 4.09 -7.83	111.56 1.52 -68.63	78.40 1.99 -21.73	61.92 1.96 -6.40	68.99 2.34 -1.09	110.50 3.13 -30.99
SENECA OSWGO___HYD 24041	100.05 -4.07 0.00	45.24 -1.72 0.00	40.22 -1.54 0.00	66.77 -2.48 0.00	54.31 -2.03 0.00	62.16 -2.28 0.00	82.73 -2.96 0.00	57.92 -2.02 0.00	57.62 -1.98 0.00	97.34 -3.19 0.00	108.40 -3.59 0.00	95.37 -3.22 0.00	79.04 -2.58 0.00	79.86 -2.63 0.00	62.42 -2.08 0.00	68.80 -2.20 0.00	78.23 -2.35 0.00	108.34 -3.14 0.00	114.05 -3.44 0.00	40.19 -1.30 -0.09	52.87 -1.80 0.00	51.79 -1.77 0.00	63.22 -2.34 0.00	73.71 -2.66 0.00
SENECA___115KV_TB3 355854	96.05 -8.07 0.00	43.67 -3.29 0.00	38.86 -2.90 0.00	65.21 -4.04 0.00	52.45 -3.90 0.00	59.65 -4.79 0.00	78.57 -7.12 0.00	54.27 -5.67 0.00	54.11 -5.48 0.00	91.50 -9.03 0.00	101.55 -10.43 0.00	90.22 -9.55 -1.19	74.44 -7.48 -0.29	75.84 -7.82 -1.17	59.45 -6.26 -1.21	64.98 -6.31 -0.30	75.10 -7.01 -1.53	103.13 -9.80 -1.46	106.96 -11.14 -0.62	41.96 -4.38 -4.93	50.71 -5.68 -1.71	48.85 -5.22 -0.50	59.23 -6.32 0.00	69.82 -6.55 0.00
SENECA___ENERGY 23797	100.28 -3.83 0.00	45.48 -1.48 0.00	40.45 -1.31 0.00	67.23 -2.02 0.00	54.62 -1.73 0.00	62.48 -1.96 0.00	83.03 -2.65 0.00	58.06 -1.88 0.00	57.81 -1.79 0.00	97.80 -2.72 0.00	108.66 -3.33 0.00	96.54 -2.94 -0.90	79.48 -2.38 -0.23	80.93 -2.46 -0.90	63.39 -2.03 -0.91	69.25 -1.97 -0.22	79.70 -2.04 -1.15	109.75 -2.82 -1.10	114.52 -3.43 -0.46	43.91 -1.22 -3.73	54.32 -1.64 -1.29	52.34 -1.60 -0.38	63.44 -2.12 0.00	73.86 -2.51 0.00
SHOEMAKER___GT 23640	107.73 3.61 0.00	48.87 1.91 0.00	43.47 1.72 0.00	71.96 2.71 0.00	58.58 2.23 0.00	67.09 2.66 0.00	89.75 3.75 -0.31	76.01 2.86 -13.21	77.57 2.82 -15.16	113.72 4.60 -8.59	119.29 5.58 -1.73	110.25 4.83 -6.84	87.23 4.03 -1.57	93.07 3.79 -6.78	50.89 2.90 16.51	26.79 3.29 47.50	41.86 3.98 42.70	108.51 5.95 8.91	125.05 6.20 -1.36	42.46 2.21 1.15	47.07 2.87 10.47	54.59 2.74 1.72	68.77 2.99 -0.23	86.30 3.31 -6.62
SHOEMAKR_138KV_BK 111 55601	107.63 3.52 0.00	48.83 1.87 0.00	43.45 1.70 0.00	71.91 2.66 0.00	58.53 2.17 0.00	67.04 2.60 0.00	89.66 3.67 -0.31	75.87 2.82 -13.11	77.42 2.78 -15.05	113.62 4.56 -8.53	119.26 5.56 -1.72	110.18 4.80 -6.79	87.24 4.05 -1.56	93.05 3.81 -6.74	51.79 2.88 15.60	28.78 3.25 45.46	43.89 3.90 40.58	109.08 5.85 8.24	124.98 6.07 -1.41	43.42 2.16 0.15	47.76 2.81 9.72	54.70 2.69 1.56	68.70 2.91 -0.23	86.19 3.24 -6.58
SHOREHAM_IC_1 23715	114.27 10.13 -0.03	51.80 4.83 -0.01	46.03 4.27 -0.01	76.13 6.87 -0.01	61.92 5.56 0.00	70.91 6.47 0.00	95.00 8.97 -0.34	81.03 6.68 -14.42	82.63 6.49 -16.54	119.73 9.82 -9.38	125.49 11.61 -1.89	116.51 10.43 -7.49	102.66 9.14 -11.88	99.34 8.98 -7.87	125.11 7.56 -53.04	178.05 8.82 -98.24	279.03 9.99 -188.45	163.83 14.69 -37.66	183.00 15.29 -50.22	246.69 5.44 -199.85	154.12 7.24 -92.21	146.77 6.96 -86.25	73.56 7.73 -0.28	146.41 9.04 -61.01
SHOREHAM_IC_2 23716	114.27 10.13 -0.03	51.80 4.83 -0.01	46.03 4.27 -0.01	76.13 6.87 -0.01	61.92 5.56 0.00	70.91 6.47 0.00	95.00 8.97 -0.34	81.03 6.68 -14.42	82.63 6.49 -16.54	119.73 9.82 -9.38	125.49 11.61 -1.89	116.51 10.43 -7.49	102.66 9.14 -11.88	99.34 8.98 -7.87	125.11 7.56 -53.04	178.05 8.82 -98.24	279.03 9.99 -188.45	163.83 14.69 -37.66	183.00 15.29 -50.22	246.69 5.44 -199.85	154.12 7.24 -92.21	146.77 6.96 -86.25	73.56 7.73 -0.28	146.41 9.04 -61.01
SISSONVILLE____ 23735	104.71 0.59 0.00	46.93 -0.04 0.00	41.69 -0.07 0.00	69.17 -0.09 0.00	56.24 -0.11 0.00	63.96 -0.48 0.00	84.66 -1.03 0.00	59.10 -0.84 0.00	58.66 -0.94 0.00	98.95 -1.58 0.00	109.77 -2.21 0.00	96.61 -1.98 0.00	79.80 -1.83 0.00	80.76 -1.74 0.00	63.28 -1.22 0.00	69.49 -1.51 0.00	78.82 -1.76 0.00	108.91 -2.56 0.00	114.86 -2.63 0.00	40.47 -0.94 0.00	53.47 -1.20 0.00	52.44 -1.12 0.00	64.78 -0.78 0.00	75.64 -0.73 0.00
SITHE_IND_GS1 24169	99.36 -4.75 0.00	44.91 -2.05 0.00	39.92 -1.83 0.00	66.29 -2.97 0.00	53.90 -2.45 0.00	61.64 -2.80 0.00	81.97 -3.72 0.00	57.34 -2.60 0.00	57.05 -2.55 0.00	96.34 -4.19 0.00	107.27 -4.71 0.00	94.37 -4.22 0.00	78.18 -3.45 0.00	79.00 -3.50 0.00	61.75 -2.76 0.00	68.03 -2.97 0.00	77.34 -3.25 0.00	107.05 -4.43 0.00	112.70 -4.79 0.00	39.75 -1.73 -0.07	52.34 -2.33 0.00	51.29 -2.28 0.00	62.70 -2.85 0.00	73.10 -3.27 0.00
SITHE_IND_GS2 24170	99.36 -4.75 0.00	44.91 -2.05 0.00	39.92 -1.83 0.00	66.29 -2.97 0.00	53.90 -2.45 0.00	61.64 -2.80 0.00	81.97 -3.72 0.00	57.34 -2.60 0.00	57.05 -2.55 0.00	96.34 -4.19 0.00	107.27 -4.71 0.00	94.37 -4.22 0.00	78.18 -3.45 0.00	79.00 -3.50 0.00	61.75 -2.76 0.00	68.03 -2.97 0.00	77.34 -3.25 0.00	107.05 -4.43 0.00	112.70 -4.79 0.00	39.75 -1.73 -0.07	52.34 -2.33 0.00	51.29 -2.28 0.00	62.70 -2.85 0.00	73.10 -3.27 0.00
SITHE_IND_GS3 24171	99.36 -4.75 0.00	44.91 -2.05 0.00	39.92 -1.83 0.00	66.29 -2.97 0.00	53.90 -2.45 0.00	61.64 -2.80 0.00	81.97 -3.72 0.00	57.34 -2.60 0.00	57.05 -2.55 0.00	96.34 -4.19 0.00	107.27 -4.71 0.00	94.37 -4.22 0.00	78.18 -3.45 0.00	79.00 -3.50 0.00	61.75 -2.76 0.00	68.03 -2.97 0.00	77.34 -3.25 0.00	107.05 -4.43 0.00	112.70 -4.79 0.00	39.75 -1.73 -0.07	52.34 -2.33 0.00	51.29 -2.28 0.00	62.70 -2.85 0.00	73.10 -3.27 0.00
SITHE_IND_GS4 24172	99.36 -4.75 0.00	44.91 -2.05 0.00	39.92 -1.83 0.00	66.29 -2.97 0.00	53.90 -2.45 0.00	61.64 -2.80 0.00	81.97 -3.72 0.00	57.34 -2.60 0.00	57.05 -2.55 0.00	96.34 -4.19 0.00	107.27 -4.71 0.00	94.37 -4.22 0.00	78.18 -3.45 0.00	79.00 -3.50 0.00	61.75 -2.76 0.00	68.03 -2.97 0.00	77.34 -3.25 0.00	107.05 -4.43 0.00	112.70 -4.79 0.00	39.75 -1.73 -0.07	52.34 -2.33 0.00	51.29 -2.28 0.00	62.70 -2.85 0.00	73.10 -3.27 0.00

SITHE____BATAVIA 24024	96.45 -7.67 0.00	43.79 -3.17 0.00	38.96 -2.79 0.00	65.32 -3.93 0.00	52.62 -3.73 0.00	59.99 -4.45 0.00	79.20 -6.49 0.00	59.40 -4.96 -4.42	83.74 -4.56 -28.70	241.16 -7.30 -147.94	214.55 -8.66 -111.23	115.34 -8.18 -24.93	85.52 -6.75 -10.65	94.50 -6.89 -18.89	60.05 -5.45 -1.00	69.88 -5.23 -4.12	187.97 -5.50 -112.89	283.67 -7.45 -179.65	299.13 -8.47 -190.11	48.67 -3.41 -10.67	51.62 -4.47 -1.41	49.89 -4.09 -0.42	60.46 -5.09 0.00	71.16 -5.21 0.00
SITHE____INDEPEND 23800	99.36 -4.76 0.00	44.91 -2.05 0.00	39.92 -1.83 0.00	66.28 -2.97 0.00	53.90 -2.45 0.00	61.64 -2.80 0.00	81.97 -3.72 0.00	57.34 -2.60 0.00	57.04 -2.56 0.00	96.29 -4.24 0.00	107.26 -4.73 0.00	94.35 -4.24 0.00	78.19 -3.44 0.00	78.98 -3.51 0.00	61.75 -2.76 0.00	68.01 -2.99 0.00	77.32 -3.26 0.00	107.04 -4.44 0.00	112.69 -4.79 0.00	39.74 -1.73 -0.07	52.34 -2.33 0.00	51.28 -2.28 0.00	62.69 -2.86 0.00	73.09 -3.28 0.00
SITHE____MASSENA 23902	105.67 1.56 0.00	47.38 0.42 0.00	42.10 0.34 0.00	69.90 0.64 0.00	56.82 0.46 0.00	64.81 0.36 0.00	86.02 0.33 0.00	59.98 0.04 0.00	59.52 -0.07 0.00	100.34 -0.19 0.00	111.41 -0.57 0.00	98.07 -0.51 0.00	81.12 -0.51 0.00	82.04 -0.46 0.00	64.29 -0.22 0.00	70.59 -0.41 0.00	79.94 -0.64 0.00	110.42 -1.05 0.00	116.49 -1.00 0.00	41.05 -0.36 0.00	54.29 -0.38 0.00	53.26 -0.31 0.00	65.57 0.02 0.00	76.40 0.03 0.00
SITHE____OGDNSBRG 24021	107.00 2.88 0.00	47.89 0.92 0.00	42.56 0.81 0.00	70.62 1.37 0.00	57.42 1.07 0.00	65.45 1.01 0.00	86.84 1.16 0.00	60.60 0.66 0.00	60.12 0.53 0.00	101.46 0.93 0.00	112.54 0.56 0.00	99.00 0.41 0.00	81.74 0.11 0.00	82.76 0.26 0.00	64.90 0.39 0.00	71.35 0.35 0.00	80.88 0.30 0.00	111.82 0.35 0.00	117.91 0.41 0.00	41.52 0.12 0.00	54.89 0.22 0.00	53.79 0.23 0.00	66.28 0.72 0.00	77.25 0.87 0.00
SITHE____STERLING 23777	106.48 2.36 0.00	48.24 1.27 0.00	42.90 1.14 0.00	71.18 1.93 0.00	58.01 1.66 0.00	66.46 2.02 0.00	88.53 2.84 0.00	62.08 2.14 0.00	61.85 2.26 0.00	104.40 3.87 0.00	115.98 4.00 0.00	101.61 3.02 0.00	84.10 2.47 0.00	85.11 2.61 0.00	66.58 2.07 0.00	73.22 2.23 0.00	83.64 3.06 0.00	115.75 4.28 0.00	121.92 4.43 0.00	42.94 1.47 -0.06	56.53 1.86 0.00	55.32 1.76 0.00	67.49 1.93 0.00	78.50 2.13 0.00
SLEIGHT__34_KV_TB1 80719	98.93 -5.18 0.00	44.82 -2.15 0.00	39.87 -1.88 0.00	66.45 -2.81 0.00	53.85 -2.50 0.00	61.58 -2.86 0.00	81.78 -3.91 0.00	57.06 -2.88 0.00	56.89 -2.70 0.00	96.24 -4.29 0.00	107.09 -4.89 0.00	94.07 -4.52 0.00	78.03 -3.60 0.00	78.81 -3.68 0.00	61.56 -2.94 0.00	68.03 -2.96 0.00	77.50 -3.09 0.00	107.35 -4.12 0.00	112.73 -4.76 0.00	39.65 -1.89 -0.13	52.13 -2.55 0.00	51.12 -2.45 0.00	62.43 -3.12 0.00	72.95 -3.42 0.00
SOUTH CAIRO__GT 23612	113.85 9.73 0.00	51.54 4.57 0.00	45.84 4.08 0.00	76.04 6.79 0.00	62.02 5.66 0.00	71.14 6.70 0.00	95.81 8.85 -1.28	120.36 6.22 -54.20	128.00 6.21 -62.20	145.79 10.00 -35.27	129.59 10.51 -7.09	123.68 8.63 -16.45	91.94 6.82 -3.50	105.73 6.69 -16.54	83.92 5.35 -14.06	80.72 6.28 -3.44	113.01 8.15 -24.27	143.83 11.54 -20.81	136.75 12.09 -7.17	108.32 4.18 -62.73	80.02 5.45 -19.90	64.75 5.33 -5.86	72.92 6.39 -0.97	111.98 7.92 -27.68
SOUTH HAMPTN__IC 23720	115.06 10.91 -0.03	52.19 5.22 -0.01	46.41 4.65 -0.01	76.77 7.51 -0.01	62.44 6.09 0.00	71.54 7.10 0.00	95.90 9.87 -0.34	81.64 7.29 -14.42	83.23 7.09 -16.54	120.71 10.80 -9.38	126.64 12.77 -1.89	117.50 11.42 -7.49	103.46 9.94 -11.90	100.14 9.78 -7.87	125.80 8.21 -53.08	178.85 9.55 -98.31	279.83 10.63 -188.61	165.13 16.01 -37.65	184.41 16.74 -50.18	247.35 5.94 -200.01	154.85 7.89 -92.29	147.50 7.60 -86.34	74.32 8.49 -0.28	147.35 9.91 -61.06
SOUTHDOW_115KV_TB1 355954	100.78 -3.34 0.00	45.75 -1.21 0.00	40.74 -1.02 0.00	68.24 -1.01 0.00	55.01 -1.34 0.00	62.75 -1.69 0.00	82.76 -2.93 0.00	57.35 -2.59 0.00	57.23 -2.37 0.00	97.03 -3.50 0.00	107.71 -4.27 0.00	95.92 -3.95 -1.29	78.83 -3.12 -0.32	79.19 -4.58 -1.27	62.00 -3.82 -1.31	68.56 -2.75 -0.32	79.20 -3.04 -1.66	108.77 -4.29 -1.58	112.68 -5.48 -0.67	44.39 -2.36 -5.35	53.54 -2.99 -1.86	51.23 -2.88 -0.55	61.90 -3.66 0.00	72.55 -3.82 0.00
SOUTHOLD_69_KV_BK 2 55809	116.24 12.10 -0.03	52.79 5.82 -0.01	46.97 5.21 -0.01	77.73 8.47 -0.01	63.25 6.90 0.00	72.53 8.09 0.00	97.31 11.29 -0.34	82.63 8.27 -14.42	84.20 8.06 -16.54	122.40 12.50 -9.38	128.53 14.66 -1.89	119.04 12.96 -7.49	104.79 11.27 -11.90	101.51 11.15 -7.87	126.90 9.32 -53.07	180.12 10.81 -98.30	279.74 10.54 -188.61	167.40 18.28 -37.65	187.01 19.34 -50.18	248.24 6.84 -200.00	156.04 9.08 -92.28	148.62 8.72 -86.34	75.66 9.83 -0.28	148.86 11.43 -61.06
SOUTHOLD__IC 23719	116.23 12.09 -0.03	52.79 5.82 -0.01	46.97 5.21 -0.01	77.73 8.47 -0.01	63.25 6.90 0.00	72.53 8.09 0.00	97.32 11.29 -0.34	82.63 8.27 -14.42	84.20 8.06 -16.54	122.37 12.46 -9.38	128.50 14.63 -1.89	119.03 12.95 -7.49	104.78 11.26 -11.90	101.49 11.13 -7.87	126.89 9.31 -53.07	180.11 10.80 -98.30	279.72 10.53 -188.61	167.40 18.28 -37.65	187.01 19.34 -50.18	248.25 6.84 -200.00	156.04 9.09 -92.28	148.62 8.72 -86.34	75.64 9.81 -0.28	148.86 11.42 -61.06
SOUTH_FORK_WT_PWR 323839	115.96 11.82 -0.03	52.72 5.74 -0.01	46.94 5.17 -0.01	77.67 8.41 -0.01	63.21 6.86 0.00	72.50 8.06 0.00	97.31 11.29 -0.34	82.62 8.26 -14.42	84.17 8.03 -16.54	122.39 12.48 -9.38	128.60 14.73 -1.89	119.13 13.06 -7.49	104.91 11.38 -11.90	101.65 11.29 -7.87	127.01 9.42 -53.08	180.25 10.95 -98.31	280.63 11.44 -188.61	167.73 18.61 -37.65	187.26 19.60 -50.18	248.34 6.93 -200.00	156.17 9.21 -92.29	148.76 8.86 -86.34	75.82 9.99 -0.28	149.01 11.58 -61.06
SPIERFLS_115KV_TB 1 80737	110.75 6.64 0.00	50.11 3.15 0.00	44.48 2.73 0.00	73.72 4.47 0.00	60.00 3.65 0.00	68.92 4.48 0.00	95.29 6.23 -3.38	207.89 4.63 -143.32	228.81 4.74 -164.48	201.57 7.79 -93.25	139.51 8.76 -18.76	141.56 7.75 -35.21	95.36 6.59 -7.14	124.74 6.85 -35.40	98.57 5.36 -28.71	84.20 6.18 -7.03	141.34 7.30 -53.46	166.45 10.20 -44.78	142.59 10.46 -14.64	175.60 3.68 -130.51	100.10 4.81 -40.62	70.07 4.55 -11.96	73.40 5.27 -2.57	155.60 6.02 -73.20
ST LAWRENCE____ 23600	104.76 0.64 0.00	46.97 0.01 0.00	41.73 -0.03 0.00	69.24 -0.01 0.00	56.30 -0.05 0.00	64.27 -0.17 0.00	85.38 -0.30 0.00	59.54 -0.40 0.00	59.10 -0.50 0.00	99.62 -0.91 0.00	110.66 -1.32 0.00	97.44 -1.15 0.00	80.62 -1.01 0.00	81.52 -0.97 0.00	63.84 -0.66 0.00	70.20 -0.80 0.00	79.45 -1.13 0.00	109.65 -1.82 0.00	115.72 -1.77 0.00	40.79 -0.61 0.00	53.96 -0.72 0.00	52.93 -0.64 0.00	65.07 -0.48 0.00	75.81 -0.56 0.00
STATE_CA_115KV_115_LB 55624	108.44 4.32 0.00	49.09 2.13 0.00	43.65 1.89 0.00	72.31 3.06 0.00	58.89 2.54 0.00	67.45 3.01 0.00	91.99 4.04 -2.26	158.61 2.89 -95.78	172.38 2.87 -109.92	167.59 4.75 -62.32	130.14 5.61 -12.54	128.94 5.03 -25.32	91.07 4.22 -5.22	112.19 4.23 -25.46	88.72 3.20 -21.02	79.15 3.01 -5.15	122.12 3.48 -38.05	148.27 4.65 -32.14	133.13 4.92 -10.72	138.07 1.79 -94.87	86.78 2.36 -29.74	64.65 2.33 -8.75	70.10 2.82 -1.72	129.15 3.86 -48.93

STATE_ST_34_KV_LOAD 55959	102.27 -1.84 0.00	46.26 -0.70 0.00	41.14 -0.62 0.00	68.34 -0.92 0.00	55.57 -0.78 0.00	63.61 -0.83 0.00	84.62 -1.07 0.00	59.23 -0.71 0.00	58.98 -0.62 0.00	99.77 -0.76 0.00	110.91 -1.07 0.00	98.44 -1.03 -0.89	81.04 -0.82 -0.22	82.48 -0.90 -0.89	64.62 -0.78 -0.90	70.53 -0.68 -0.22	81.23 -0.49 -1.14	112.13 -0.43 -1.09	117.23 -0.72 -0.46	44.89 -0.20 -3.68	55.64 -0.31 -1.28	53.60 -0.34 -0.37	64.94 -0.61 0.00	75.43 -0.94 0.00
STATION_5_MISC_HYD 23604	97.43 -6.69 0.00	44.18 -2.78 0.00	39.31 -2.45 0.00	65.64 -3.61 0.00	53.04 -3.31 0.00	60.52 -3.92 0.00	80.17 -5.52 0.00	56.35 -4.18 -0.58	59.45 -3.94 -3.80	113.69 -6.42 -19.58	119.35 -7.36 -14.72	94.96 -6.79 -3.17	77.52 -5.49 -1.37	79.36 -5.49 -2.36	60.12 -4.38 0.00	67.08 -4.43 -0.51	90.63 -4.73 -14.77	128.52 -6.57 -23.62	135.27 -7.31 -25.10	39.52 -2.89 -1.01	50.79 -3.89 0.00	49.94 -3.62 0.00	61.13 -4.42 0.00	71.66 -4.70 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	99.63 -4.48 0.00	45.19 -1.77 0.00	40.19 -1.57 0.00	66.98 -2.27 0.00	54.30 -2.05 0.00	62.10 -2.34 0.00	82.45 -3.24 0.00	57.82 -2.46 -0.34	59.52 -2.27 -2.19	108.28 -3.55 -11.30	116.34 -4.14 -8.49	96.55 -3.86 -1.83	79.41 -3.01 -0.79	80.70 -3.16 -1.36	61.96 -2.55 0.00	68.80 -2.49 -0.29	86.54 -2.56 -8.52	121.64 -3.46 -13.63	127.87 -4.09 -14.48	40.41 -1.64 -0.64	52.46 -2.21 0.00	51.47 -2.09 0.00	62.85 -2.70 0.00	73.48 -2.89 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	97.22 -6.89 0.00	44.08 -2.89 0.00	39.21 -2.55 0.00	65.45 -3.80 0.00	52.91 -3.44 0.00	60.41 -4.03 0.00	80.07 -5.61 0.00	56.25 -4.24 -0.55	59.13 -4.06 -3.59	112.35 -6.68 -18.50	118.41 -7.49 -13.91	94.69 -6.89 -3.00	77.44 -5.49 -1.30	79.13 -5.59 -2.23	60.06 -4.45 0.00	66.96 -4.52 -0.48	89.64 -4.90 -13.96	127.08 -6.71 -22.32	133.74 -7.46 -23.71	39.43 -2.94 -0.96	50.75 -3.92 0.00	49.89 -3.68 0.00	61.05 -4.51 0.00	71.54 -4.83 0.00
STA_56__34_KV_BUS2 355983	97.22 -6.89 0.00	44.08 -2.89 0.00	39.21 -2.55 0.00	65.45 -3.80 0.00	52.91 -3.44 0.00	60.41 -4.03 0.00	80.07 -5.61 0.00	56.25 -4.24 -0.55	59.13 -4.06 -3.59	112.35 -6.68 -18.50	118.41 -7.49 -13.91	94.69 -6.89 -3.00	77.44 -5.49 -1.30	79.13 -5.59 -2.23	60.06 -4.45 0.00	66.96 -4.52 -0.48	89.64 -4.90 -13.96	127.08 -6.71 -22.32	133.74 -7.46 -23.71	39.43 -2.94 -0.96	50.75 -3.92 0.00	49.89 -3.68 0.00	61.05 -4.51 0.00	71.54 -4.83 0.00
STA_67__115KV_BK2 355882	97.22 -6.90 0.00	44.08 -2.88 0.00	39.22 -2.53 0.00	65.50 -3.75 0.00	52.93 -3.42 0.00	60.39 -4.05 0.00	79.97 -5.71 0.00	56.16 -4.34 -0.57	59.11 -4.16 -3.68	112.61 -6.85 -18.93	118.51 -7.71 -14.24	94.56 -7.10 -3.07	77.30 -5.66 -1.33	79.01 -5.77 -2.29	59.92 -4.58 0.00	66.83 -4.67 -0.49	89.81 -5.06 -14.29	127.36 -6.95 -22.84	134.05 -7.71 -24.27	39.33 -3.05 -0.98	50.63 -4.05 0.00	49.79 -3.78 0.00	60.96 -4.60 0.00	71.47 -4.90 0.00
STA_7__115KV_9TRANS 80674	97.91 -6.20 0.00	44.40 -2.56 0.00	39.49 -2.26 0.00	65.98 -3.28 0.00	53.30 -3.05 0.00	60.83 -3.61 0.00	80.60 -5.09 0.00	56.65 -3.87 -0.58	59.73 -3.66 -3.80	114.10 -6.00 -19.58	119.95 -6.76 -14.72	95.51 -6.24 -3.17	78.09 -4.91 -1.37	79.83 -5.03 -2.36	60.52 -3.99 0.00	67.51 -4.00 -0.51	91.06 -4.29 -14.77	129.21 -5.88 -23.61	135.96 -6.62 -25.09	39.74 -2.67 -1.01	51.12 -3.55 0.00	50.25 -3.31 0.00	61.50 -4.05 0.00	72.07 -4.30 0.00
STA_82__115KV_TB1 80780	97.22 -6.90 0.00	44.08 -2.88 0.00	39.22 -2.53 0.00	65.50 -3.75 0.00	52.93 -3.42 0.00	60.39 -4.05 0.00	79.98 -5.70 0.00	56.28 -4.34 -0.67	59.85 -4.14 -4.39	116.31 -6.85 -22.63	121.30 -7.70 -17.01	95.18 -7.07 -3.66	77.56 -5.66 -1.59	79.46 -5.77 -2.73	59.92 -4.58 0.00	66.92 -4.67 -0.59	92.60 -5.06 -17.07	131.85 -6.92 -27.30	138.80 -7.69 -29.00	39.51 -3.04 -1.15	50.64 -4.04 0.00	49.81 -3.76 0.00	60.96 -4.59 0.00	71.48 -4.89 0.00
STEEL__WIND 323596	95.96 -8.16 0.00	43.63 -3.33 0.00	38.82 -2.94 0.00	65.13 -4.12 0.00	52.41 -3.94 0.00	59.59 -4.85 0.00	78.48 -7.21 0.00	54.24 -5.70 0.00	54.15 -5.44 0.00	91.65 -8.87 0.00	101.53 -10.45 0.00	90.17 -9.60 -1.19	74.30 -7.62 -0.29	75.84 -7.82 -1.17	59.41 -6.30 -1.21	65.00 -6.29 -0.30	75.17 -6.94 -1.53	103.14 -9.78 -1.46	106.93 -11.18 -0.61	41.98 -4.35 -4.93	50.66 -5.72 -1.71	48.82 -5.25 -0.50	59.18 -6.37 0.00	69.73 -6.64 0.00
STEPHTWN_115KV_BK_2 55603	109.52 5.40 0.00	49.49 2.53 0.00	44.07 2.32 0.00	73.08 3.83 0.00	59.43 3.08 0.00	68.14 3.70 0.00	92.53 5.05 -1.80	139.92 3.62 -76.35	150.83 3.61 -87.62	156.12 5.91 -49.68	129.03 7.05 -9.99	125.93 6.06 -21.28	90.89 4.82 -4.44	108.77 4.88 -21.40	86.13 3.74 -17.88	79.03 3.65 -4.38	116.87 4.54 -31.75	144.64 6.18 -26.98	133.08 6.47 -9.12	124.09 2.37 -80.31	83.06 3.09 -25.30	63.99 2.98 -7.45	70.47 3.55 -1.37	120.05 4.67 -39.01
STEUBEN_REC_LFGE 323667	100.68 -3.44 0.00	45.79 -1.18 0.00	40.72 -1.04 0.00	67.92 -1.33 0.00	54.91 -1.44 0.00	62.67 -1.77 0.00	83.00 -2.78 -0.09	61.64 -2.09 -3.79	62.01 -1.94 -4.35	100.18 -2.81 -2.47	108.59 -3.89 -0.50	96.67 -3.71 -1.79	78.85 -3.19 -0.41	80.74 -3.56 -1.81	63.19 -2.95 -1.63	68.77 -2.63 -0.40	80.65 -2.45 -2.52	110.21 -3.50 -2.24	113.84 -4.48 -0.83	46.67 -1.83 -7.10	54.70 -2.29 -2.31	52.18 -2.06 -0.68	63.01 -2.61 -0.07	75.58 -2.72 -1.93
STILLWATER__SOLAR 323814	109.96 5.85 0.00	49.75 2.78 0.00	44.21 2.45 0.00	73.26 4.01 0.00	59.63 3.28 0.00	68.39 3.95 0.00	94.35 5.42 -3.24	201.44 3.98 -137.52	221.43 4.02 -157.82	196.62 6.61 -89.48	137.55 7.56 -18.00	139.27 6.68 -34.00	94.13 5.60 -6.90	122.43 5.75 -34.19	96.76 4.49 -27.77	82.91 5.12 -6.80	138.15 5.99 -51.57	163.07 8.36 -43.24	140.24 8.58 -14.16	170.62 3.06 -126.15	97.95 3.99 -39.28	68.93 3.80 -11.56	72.43 4.40 -2.47	151.72 5.11 -70.24
STONY__BROOK 24151	113.39 9.25 -0.03	51.39 4.41 -0.01	45.66 3.90 -0.01	75.50 6.24 -0.01	61.35 5.00 0.00	70.25 5.81 0.00	94.03 8.01 -0.34	80.37 6.01 -14.42	82.03 5.90 -16.54	118.87 8.96 -9.38	124.73 10.86 -1.89	116.02 9.94 -7.49	102.22 8.73 -11.86	98.89 8.54 -7.87	124.63 7.14 -52.98	177.28 8.19 -98.10	278.01 9.30 -188.12	162.43 13.25 -37.70	181.55 13.74 -50.31	245.77 4.84 -199.52	153.24 6.52 -92.04	145.91 6.29 -86.06	72.79 6.96 -0.28	145.43 8.17 -60.89
STURGEON_POOL_HYD 23609	111.52 7.40 0.00	50.62 3.66 0.00	45.05 3.30 0.00	74.56 5.31 0.00	60.72 4.37 0.00	69.61 5.17 0.00	93.45 7.21 -0.56	89.08 5.46 -23.67	92.23 5.47 -27.17	124.96 9.03 -15.40	125.46 10.37 -3.10	116.77 8.73 -9.45	90.93 7.20 -2.10	99.02 7.04 -9.49	78.55 5.61 -8.43	79.56 6.50 -2.07	101.93 7.85 -13.50	135.00 11.67 -11.85	133.99 12.19 -4.30	82.65 4.29 -36.95	72.18 5.57 -11.94	62.38 5.30 -3.51	71.91 5.93 -0.42	94.97 6.52 -12.07
ST_LAW_115_BK7_LBMP 345037	104.79 0.67 0.00	46.97 0.00 0.00	41.73 -0.03 0.00	69.24 -0.02 0.00	56.29 -0.06 0.00	64.24 -0.20 0.00	85.32 -0.36 0.00	59.50 -0.45 0.00	59.04 -0.55 0.00	99.52 -1.00 0.00	110.52 -1.47 0.00	97.34 -1.25 0.00	80.51 -1.12 0.00	81.42 -1.07 0.00	63.79 -0.72 0.00	70.09 -0.90 0.00	79.35 -1.23 0.00	109.51 -1.97 0.00	115.53 -1.96 0.00	40.73 -0.67 0.00	53.88 -0.79 0.00	52.84 -0.72 0.00	65.05 -0.51 0.00	75.75 -0.62 0.00

ST_LAW_115_BK8_LBMP 345038	104.79 0.67 0.00	46.97 0.00 0.00	41.73 -0.03 0.00	69.24 -0.02 0.00	56.29 -0.06 0.00	64.24 -0.20 0.00	85.32 -0.36 0.00	59.50 -0.45 0.00	59.04 -0.55 0.00	99.52 -1.00 0.00	110.52 -1.47 0.00	97.34 -1.25 0.00	80.51 -1.12 0.00	81.42 -1.07 0.00	63.79 -0.72 0.00	70.09 -0.90 0.00	79.35 -1.23 0.00	109.51 -1.97 0.00	115.53 -1.96 0.00	40.73 -0.67 0.00	53.88 -0.79 0.00	52.84 -0.72 0.00	65.05 -0.51 0.00	75.75 -0.62 0.00
ST_LAW_230_BK5_LBMP 345035	104.76 0.64 0.00	46.97 0.01 0.00	41.73 -0.03 0.00	69.24 -0.01 0.00	56.30 -0.05 0.00	64.27 -0.17 0.00	85.38 -0.30 0.00	59.54 -0.40 0.00	59.10 -0.50 0.00	99.62 -0.91 0.00	110.66 -1.32 0.00	97.44 -1.15 0.00	80.62 -1.01 0.00	81.52 -0.97 0.00	63.84 -0.66 0.00	70.20 -0.80 0.00	79.45 -1.13 0.00	109.65 -1.82 0.00	115.72 -1.77 0.00	40.79 -0.61 0.00	53.96 -0.72 0.00	52.93 -0.64 0.00	65.07 -0.48 0.00	75.81 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	104.76 0.64 0.00	46.97 0.01 0.00	41.73 -0.03 0.00	69.24 -0.01 0.00	56.30 -0.05 0.00	64.27 -0.17 0.00	85.38 -0.30 0.00	59.54 -0.40 0.00	59.10 -0.50 0.00	99.62 -0.91 0.00	110.66 -1.32 0.00	97.44 -1.15 0.00	80.62 -1.01 0.00	81.52 -0.97 0.00	63.84 -0.66 0.00	70.20 -0.80 0.00	79.45 -1.13 0.00	109.65 -1.82 0.00	115.72 -1.77 0.00	40.79 -0.61 0.00	53.96 -0.72 0.00	52.93 -0.64 0.00	65.07 -0.48 0.00	75.81 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	107.91 3.80 0.00	48.99 2.02 0.00	43.61 1.85 0.00	72.14 2.88 0.00	58.71 2.36 0.00	67.25 2.81 0.00	89.96 3.96 -0.32	76.51 3.05 -13.52	78.12 3.00 -15.52	114.37 5.04 -8.80	119.90 6.15 -1.77	110.95 5.37 -7.00	87.82 4.58 -1.61	93.72 4.30 -6.93	48.16 3.20 19.55	20.21 3.52 54.30	34.96 4.15 49.77	106.53 6.21 11.15	125.16 6.50 -1.17	39.20 2.30 4.50	44.69 2.99 12.98	54.16 2.86 2.27	68.88 3.09 -0.24	86.56 3.42 -6.76
SWANROAD_115KV_TB1 355699	91.41 -12.71 0.00	41.60 -5.37 0.00	37.05 -4.71 0.00	62.24 -7.01 0.00	49.98 -6.37 0.00	56.77 -7.67 0.00	74.64 -11.05 0.00	53.35 -8.71 -2.12	64.77 -8.58 -13.75	157.03 -14.38 -70.89	148.98 -16.31 -53.30	96.19 -14.96 -12.57	74.84 -12.03 -5.25	79.86 -12.28 -9.65	55.93 -9.68 -1.11	63.21 -9.91 -2.12	124.31 -11.17 -54.89	182.85 -15.47 -86.84	191.95 -16.96 -91.42	42.60 -6.49 -7.68	47.86 -8.38 -1.57	46.36 -7.67 -0.46	56.32 -9.23 0.00	66.74 -9.63 0.00
SYNERGY___BIOGAS 323694	96.45 -7.67 0.00	43.79 -3.17 0.00	38.96 -2.79 0.00	65.32 -3.93 0.00	52.62 -3.73 0.00	59.99 -4.45 0.00	79.20 -6.49 0.00	59.40 -4.96 -4.42	83.74 -4.56 -28.70	241.16 -7.30 -147.94	214.55 -8.66 -111.23	115.34 -8.18 -24.93	85.52 -6.75 -10.65	94.50 -6.89 -18.89	60.05 -5.45 -1.00	69.88 -5.23 -4.12	187.97 -5.50 -112.89	283.67 -7.45 -179.65	299.13 -8.47 -190.11	48.67 -3.41 -10.67	51.62 -4.47 -1.41	49.89 -4.09 -0.42	60.46 -5.09 0.00	71.16 -5.21 0.00
SYRACUSE___ENERGY_ST1 323597	101.84 -2.28 0.00	46.04 -0.93 0.00	40.92 -0.84 0.00	67.94 -1.31 0.00	55.27 -1.08 0.00	63.27 -1.17 0.00	84.20 -1.49 0.00	58.95 -1.00 0.00	58.65 -0.95 0.00	99.13 -1.40 0.00	110.32 -1.66 0.00	97.04 -1.55 0.00	80.42 -1.21 0.00	81.23 -1.26 0.00	63.47 -1.03 0.00	69.95 -1.05 0.00	79.59 -0.99 0.00	110.32 -1.16 0.00	116.07 -1.42 0.00	40.97 -0.55 -0.11	53.88 -0.80 0.00	52.76 -0.81 0.00	64.40 -1.16 0.00	75.03 -1.34 0.00
SYRACUSE___ENERGY_ST2 323598	101.84 -2.28 0.00	46.04 -0.93 0.00	40.92 -0.84 0.00	67.94 -1.31 0.00	55.27 -1.08 0.00	63.27 -1.17 0.00	84.20 -1.49 0.00	58.95 -1.00 0.00	58.65 -0.95 0.00	99.13 -1.40 0.00	110.32 -1.66 0.00	97.04 -1.55 0.00	80.42 -1.21 0.00	81.23 -1.26 0.00	63.47 -1.03 0.00	69.95 -1.05 0.00	79.59 -0.99 0.00	110.32 -1.16 0.00	116.07 -1.42 0.00	40.97 -0.55 -0.11	53.88 -0.80 0.00	52.76 -0.81 0.00	64.40 -1.16 0.00	75.03 -1.34 0.00
SYRACUSE___POWER 24017	101.93 -2.19 0.00	46.09 -0.88 0.00	40.97 -0.79 0.00	68.03 -1.22 0.00	55.35 -1.00 0.00	63.36 -1.08 0.00	84.30 -1.38 0.00	59.00 -0.94 0.00	58.71 -0.88 0.00	99.27 -1.26 0.00	110.46 -1.53 0.00	97.14 -1.45 0.00	80.49 -1.14 0.00	81.32 -1.17 0.00	63.53 -0.98 0.00	69.99 -1.01 0.00	79.66 -0.92 0.00	110.40 -1.07 0.00	116.20 -1.29 0.00	40.98 -0.54 -0.12	53.89 -0.79 0.00	52.78 -0.78 0.00	64.45 -1.11 0.00	75.10 -1.27 0.00
TALLMAN___138KV_BK151 55660	107.82 3.70 0.00	48.97 2.01 0.00	43.60 1.84 0.00	72.08 2.83 0.00	58.68 2.32 0.00	67.21 2.77 0.00	89.94 3.93 -0.33	76.86 3.08 -13.84	78.49 3.01 -15.88	114.73 5.20 -9.01	120.31 6.51 -1.81	111.42 5.66 -7.18	88.16 4.88 -1.65	94.04 4.48 -7.07	40.94 3.15 26.71	4.36 3.35 69.99	18.17 3.89 66.30	100.88 5.96 16.55	124.38 6.24 -0.65	30.64 2.21 12.97	38.56 2.87 18.98	52.68 2.71 3.60	68.69 2.89 -0.24	86.43 3.19 -6.87
TEALLAVE_115KV_TB7 355573	101.20 -2.92 0.00	45.77 -1.20 0.00	40.70 -1.06 0.00	67.58 -1.67 0.00	54.97 -1.38 0.00	62.92 -1.52 0.00	83.68 -2.01 0.00	58.58 -1.37 0.00	58.30 -1.30 0.00	98.52 -2.01 0.00	109.65 -2.33 0.00	96.42 -2.17 0.00	79.92 -1.71 0.00	80.73 -1.76 0.00	63.08 -1.42 0.00	69.50 -1.50 0.00	79.08 -1.50 0.00	109.56 -1.92 0.00	115.30 -2.19 0.00	40.65 -0.85 -0.10	53.47 -1.20 0.00	52.38 -1.18 0.00	63.95 -1.60 0.00	74.56 -1.81 0.00
TELGRAPH_34_KV_EAST 80808	93.93 -10.19 0.00	42.69 -4.27 0.00	38.01 -3.75 0.00	63.79 -5.46 0.00	51.29 -5.06 0.00	58.36 -6.08 0.00	76.86 -8.82 0.00	58.72 -6.76 -5.54	89.14 -6.42 -35.96	275.23 -10.63 -185.33	239.18 -12.15 -139.35	118.41 -11.21 -31.03	85.88 -9.03 -13.29	96.66 -9.30 -23.46	58.24 -7.31 -1.04	68.75 -7.35 -5.11	213.61 -8.13 -141.16	325.09 -11.19 -224.81	343.08 -12.47 -238.06	49.08 -4.84 -12.51	49.93 -6.22 -1.47	48.30 -5.70 -0.43	58.62 -6.94 0.00	69.18 -7.19 0.00
TEMPLE___115KV_TB 2 55572	101.26 -2.85 0.00	45.80 -1.17 0.00	40.71 -1.05 0.00	67.60 -1.65 0.00	54.99 -1.36 0.00	62.93 -1.52 0.00	83.71 -1.98 0.00	58.59 -1.35 0.00	58.31 -1.28 0.00	98.55 -1.98 0.00	109.73 -2.26 0.00	96.49 -2.10 0.00	79.96 -1.67 0.00	80.77 -1.72 0.00	63.12 -1.39 0.00	69.52 -1.47 0.00	79.12 -1.47 0.00	109.61 -1.86 0.00	115.35 -2.14 0.00	40.67 -0.84 -0.10	53.49 -1.18 0.00	52.40 -1.16 0.00	63.99 -1.57 0.00	74.58 -1.79 0.00
TIANA____69_KV_BK 1 55817	114.83 10.69 -0.03	52.06 5.09 -0.01	46.28 4.52 -0.01	76.56 7.29 -0.01	62.25 5.90 0.00	71.35 6.91 0.00	95.60 9.57 -0.34	81.45 7.09 -14.42	83.06 6.92 -16.54	120.43 10.52 -9.38	126.25 12.38 -1.89	117.18 11.11 -7.49	103.20 9.67 -11.90	99.84 9.49 -7.87	125.57 7.99 -53.07	178.60 9.30 -98.30	279.60 10.41 -188.61	164.67 15.55 -37.65	183.91 16.24 -50.18	247.18 5.78 -200.00	154.63 7.67 -92.28	147.29 7.39 -86.34	74.08 8.25 -0.28	147.05 9.62 -61.06
TILDEN___115KV_TB1 80814	101.93 -2.19 0.00	46.09 -0.88 0.00	40.97 -0.79 0.00	68.03 -1.22 0.00	55.35 -1.00 0.00	63.36 -1.08 0.00	84.30 -1.38 0.00	59.00 -0.94 0.00	58.71 -0.88 0.00	99.27 -1.26 0.00	110.46 -1.53 0.00	97.14 -1.45 0.00	80.49 -1.14 0.00	81.32 -1.17 0.00	63.53 -0.98 0.00	69.99 -1.01 0.00	79.66 -0.92 0.00	110.40 -1.07 0.00	116.20 -1.29 0.00	40.98 -0.54 -0.12	53.89 -0.79 0.00	52.78 -0.78 0.00	64.45 -1.11 0.00	75.10 -1.27 0.00

TRIGEN___CC 323695	110.67 6.55 0.00	50.22 3.25 0.00	44.66 2.91 0.00	73.84 4.59 0.00	60.05 3.70 0.00	68.74 4.30 0.00	91.97 5.95 -0.34	78.87 4.52 -14.42	80.61 4.47 -16.54	116.87 6.96 -9.38	122.29 8.42 -1.89	113.82 7.75 -7.49	95.12 6.87 -6.62	97.17 6.65 -8.04	105.78 5.50 -35.77	139.87 6.13 -62.74	192.74 6.85 -105.32	168.04 9.65 -46.91	200.50 9.98 -73.03	162.75 3.62 -117.73	110.20 4.77 -50.76	96.20 4.63 -38.01	70.93 5.11 -0.26	114.26 6.04 -31.85
TRINITY___115KV___4 BK 55933	108.08 3.96 0.00	48.92 1.96 0.00	43.51 1.76 0.00	72.10 2.84 0.00	58.69 2.33 0.00	67.22 2.78 0.00	91.27 3.72 -1.87	141.87 2.65 -79.28	153.20 2.62 -90.98	156.39 4.28 -51.58	127.48 5.12 -10.38	125.08 4.60 -21.89	90.04 3.85 -4.56	108.37 3.86 -22.02	85.79 2.93 -18.35	78.18 2.69 -4.49	116.37 3.09 -32.70	143.33 4.09 -27.76	131.18 4.32 -9.36	125.52 1.60 -82.52	82.75 2.10 -25.97	63.31 2.10 -7.64	69.54 2.56 -1.42	120.43 3.56 -40.50
UNION___PROCESSING_DRP 323587	97.25 -6.87 0.00	44.09 -2.88 0.00	39.22 -2.53 0.00	65.52 -3.74 0.00	52.94 -3.41 0.00	60.40 -4.04 0.00	80.00 -5.68 0.00	56.35 -4.31 -0.73	60.20 -4.12 -4.72	118.03 -6.83 -24.33	122.62 -7.66 -18.30	96.30 -7.07 -4.78	77.70 -5.64 -1.71	79.70 -5.73 -2.94	59.94 -4.57 0.00	67.00 -4.64 -0.63	93.93 -5.01 -18.36	133.93 -6.89 -29.35	141.03 -7.65 -31.18	39.61 -3.01 -1.22	50.65 -4.02 0.00	49.81 -3.75 0.00	60.98 -4.57 0.00	71.51 -4.86 0.00
UPPER HUDSON___HYD 24058	110.76 6.64 0.00	50.11 3.15 0.00	44.48 2.73 0.00	73.72 4.47 0.00	60.00 3.65 0.00	68.92 4.48 0.00	95.30 6.24 -3.38	207.89 4.63 -143.32	228.81 4.73 -164.48	201.57 7.79 -93.25	139.51 8.76 -18.76	141.56 7.76 -35.21	95.36 6.60 -7.14	124.74 6.85 -35.40	98.57 5.36 -28.71	84.20 6.18 -7.03	141.33 7.30 -53.46	166.45 10.19 -44.78	142.59 10.46 -14.64	175.60 3.68 -130.51	100.10 4.81 -40.62	70.07 4.55 -11.96	73.40 5.27 -2.57	155.60 6.02 -73.20
UPPER RAQUET___HYD 24056	104.71 0.59 0.00	46.93 -0.04 0.00	41.69 -0.07 0.00	69.17 -0.08 0.00	56.24 -0.11 0.00	63.97 -0.47 0.00	84.66 -1.03 0.00	59.10 -0.84 0.00	58.65 -0.95 0.00	98.93 -1.60 0.00	109.77 -2.21 0.00	96.59 -1.99 0.00	79.82 -1.80 0.00	80.76 -1.74 0.00	63.28 -1.23 0.00	69.48 -1.52 0.00	78.80 -1.78 0.00	108.91 -2.56 0.00	114.87 -2.62 0.00	40.47 -0.94 0.00	53.46 -1.21 0.00	52.44 -1.13 0.00	64.78 -0.78 0.00	75.65 -0.72 0.00
VALLEY44_115KV_TB2 355964	99.03 -5.09 0.00	44.88 -2.09 0.00	39.95 -1.81 0.00	66.89 -2.37 0.00	54.04 -2.31 0.00	61.30 -3.14 0.00	80.44 -5.25 0.00	55.70 -4.25 0.00	55.42 -4.17 0.00	94.34 -6.19 0.00	104.92 -7.06 0.00	94.00 -5.94 -1.35	77.23 -4.73 -0.34	78.56 -5.27 -1.34	61.66 -4.22 -1.37	66.90 -4.43 -0.34	76.65 -5.66 -1.73	105.15 -7.97 -1.65	109.14 -9.05 -0.70	43.46 -3.54 -5.60	52.05 -4.56 -1.94	49.78 -4.35 -0.57	60.54 -5.01 0.00	71.23 -5.14 0.00
VALLEY___115KV_TB 1-4 80826	106.63 2.52 0.00	48.28 1.31 0.00	42.92 1.16 0.00	71.14 1.89 0.00	57.97 1.62 0.00	66.52 2.08 0.00	88.41 2.72 0.00	62.08 2.14 0.00	61.80 2.21 0.00	103.94 3.41 0.00	115.88 3.90 0.00	102.11 3.52 0.00	84.57 2.94 0.00	85.44 2.95 0.00	66.80 2.29 0.00	73.61 2.62 0.00	83.90 3.32 0.00	116.13 4.65 0.00	122.26 4.77 0.00	43.11 1.70 0.00	56.83 2.16 0.00	55.58 2.02 0.00	67.79 2.24 0.00	78.98 2.61 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	110.79 6.68 0.00	50.09 3.13 0.00	44.57 2.81 0.00	73.99 4.74 0.00	60.34 3.99 0.00	69.08 4.64 0.00	92.51 6.36 -0.46	84.27 4.58 -19.74	87.04 4.79 -22.65	121.70 8.32 -12.85	123.43 8.86 -2.58	112.86 7.58 -6.70	89.30 6.21 -1.45	95.22 6.00 -6.73	74.96 4.63 -5.83	77.80 5.38 -1.43	96.70 6.39 -9.73	129.09 9.18 -8.43	130.02 9.56 -2.97	70.43 3.38 -25.64	67.34 4.41 -8.25	60.28 4.28 -2.43	70.86 4.95 -0.35	92.04 5.60 -10.07
VISCHER___FERRY HYD 24020	108.84 4.72 0.00	49.25 2.28 0.00	43.77 2.01 0.00	72.51 3.26 0.00	59.02 2.68 0.00	67.64 3.20 0.00	92.81 4.36 -2.77	180.62 3.17 -117.51	197.62 3.18 -134.85	182.15 5.16 -76.46	133.38 6.01 -15.38	133.79 5.37 -29.83	92.22 4.50 -6.09	117.11 4.62 -29.99	92.65 3.63 -24.52	80.97 3.97 -6.00	130.22 4.56 -45.08	155.75 6.37 -37.91	136.55 6.55 -12.51	154.88 2.37 -111.10	92.45 3.08 -34.70	66.76 2.98 -10.21	71.16 3.50 -2.11	140.59 4.19 -60.03
V_A_10_SYNC_DSASP 323832	94.00 -10.12 0.00	42.69 -4.27 0.00	38.03 -3.73 0.00	63.69 -5.56 0.00	51.29 -5.06 0.00	58.37 -6.07 0.00	76.93 -8.75 0.00	52.40 -6.73 0.81	47.78 -6.55 5.28	62.57 -10.79 27.17	79.22 -12.33 20.43	83.76 -11.38 3.45	70.76 -9.19 1.68	70.94 -9.19 2.36	58.17 -7.32 -0.97	62.97 -7.55 0.48	52.93 -8.38 19.27	68.13 -11.74 31.60	70.35 -12.81 34.33	39.23 -4.94 -2.77	49.53 -6.52 -1.38	47.98 -6.00 -0.41	58.39 -7.16 0.00	68.81 -7.57 0.00
V_CMM_10_SYNC_DSASP 323787	105.31 1.20 0.00	47.06 0.09 0.00	41.81 0.06 0.00	69.38 0.12 0.00	56.40 0.04 0.00	64.36 -0.08 0.00	85.47 -0.21 0.00	59.57 -0.37 0.00	59.11 -0.49 0.00	99.67 -0.86 0.00	110.70 -1.29 0.00	97.45 -1.14 0.00	80.65 -0.98 0.00	81.57 -0.93 0.00	63.90 -0.61 0.00	70.21 -0.78 0.00	79.48 -1.11 0.00	109.64 -1.83 0.00	115.69 -1.80 0.00	40.79 -0.62 0.00	53.94 -0.74 0.00	52.92 -0.65 0.00	65.13 -0.42 0.00	75.89 -0.48 0.00
V_CMP_10_SYNC_DSASP 323788	106.71 2.59 0.00	48.04 1.07 0.00	42.53 0.77 0.00	70.53 1.28 0.00	57.36 1.00 0.00	65.59 1.15 0.00	87.09 1.41 0.00	60.95 1.01 0.00	60.43 0.84 0.00	101.74 1.21 0.00	113.01 1.03 0.00	99.53 0.94 0.00	82.27 0.64 0.00	83.21 0.71 0.00	65.14 0.64 0.00	71.48 0.48 0.00	81.23 0.65 0.00	112.09 0.61 0.00	118.06 0.57 0.00	41.69 0.29 0.00	55.08 0.40 0.00	53.95 0.38 0.00	66.16 0.60 0.00	77.01 0.64 0.00
V_D_10_SYNC_DSASP 323841	105.67 1.56 0.00	47.39 0.42 0.00	42.10 0.35 0.00	69.90 0.64 0.00	56.82 0.47 0.00	64.81 0.36 0.00	86.03 0.34 0.00	59.99 0.05 0.00	59.52 -0.07 0.00	100.36 -0.17 0.00	111.42 -0.56 0.00	98.10 -0.49 0.00	81.13 -0.50 0.00	82.06 -0.43 0.00	64.29 -0.22 0.00	70.59 -0.41 0.00	79.96 -0.62 0.00	110.43 -1.05 0.00	116.50 -0.99 0.00	41.05 -0.35 0.00	54.30 -0.38 0.00	53.26 -0.30 0.00	65.57 0.02 0.00	76.40 0.03 0.00
V_E_10_SYNC_DSASP 323830	113.63 9.52 0.00	51.41 4.44 0.00	45.75 3.99 0.00	76.08 6.83 0.00	61.94 5.58 0.00	71.28 6.84 0.00	95.41 9.51 -0.21	76.07 7.03 -9.10	77.21 7.17 -10.45	118.97 12.52 -5.92	126.24 13.06 -1.19	113.17 11.09 -3.50	91.33 8.93 -0.77	94.70 8.70 -3.51	74.17 6.56 -3.11	79.47 7.72 -0.76	95.14 9.54 -5.01	129.77 13.90 -4.39	133.48 14.41 -1.58	59.84 4.87 -13.57	65.36 6.29 -4.39	60.78 5.92 -1.29	72.12 6.40 -0.16	87.86 6.85 -4.64
V_F_30_NSYNC___DSASP 323816	110.05 5.93 0.00	49.79 2.83 0.00	44.23 2.48 0.00	73.32 4.07 0.00	59.69 3.34 0.00	68.46 4.01 0.00	94.49 5.51 -3.30	204.08 4.02 -140.12	224.46 4.06 -160.80	198.43 6.73 -91.17	138.01 7.69 -18.34	139.92 6.78 -34.55	94.33 5.69 -7.01	123.04 5.82 -34.73	97.24 4.55 -28.18	83.07 5.18 -6.90	139.06 6.06 -52.42	163.87 8.46 -43.93	140.57 8.70 -14.38	172.61 3.11 -128.10	98.58 4.02 -39.88	69.16 3.86 -11.74	72.51 4.44 -2.52	153.10 5.16 -71.57

V_F_30_SYNC_DSASP 323786	108.43 4.31 0.00	49.08 2.12 0.00	43.65 1.89 0.00	72.31 3.06 0.00	58.89 2.54 0.00	67.45 3.01 0.00	91.94 4.03 -2.22	157.26 2.89 -94.43	170.84 2.87 -108.37	166.69 4.72 -61.45	129.95 5.61 -12.36	128.66 5.03 -25.04	91.01 4.21 -5.17	111.90 4.22 -25.18	88.50 3.19 -20.80	79.09 3.01 -5.09	121.68 3.48 -37.61	147.91 4.64 -31.79	133.01 4.91 -10.61	137.07 1.79 -93.86	86.46 2.36 -29.43	64.55 2.33 -8.66	70.07 2.82 -1.70	128.47 3.86 -48.24
V_XM_10_SYNC_DSASP 323789	106.71 2.59 0.00	48.04 1.07 0.00	42.53 0.77 0.00	70.53 1.28 0.00	57.36 1.00 0.00	65.59 1.15 0.00	87.09 1.41 0.00	60.95 1.01 0.00	60.43 0.84 0.00	101.74 1.21 0.00	113.01 1.03 0.00	99.53 0.94 0.00	82.27 0.64 0.00	83.21 0.71 0.00	65.14 0.64 0.00	71.48 0.48 0.00	81.23 0.65 0.00	112.09 0.61 0.00	118.06 0.57 0.00	41.69 0.29 0.00	55.08 0.40 0.00	53.95 0.38 0.00	66.16 0.60 0.00	77.01 0.64 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	108.14 4.03 0.00	49.11 2.15 0.00	43.71 1.96 0.00	72.29 3.03 0.00	58.84 2.49 0.00	67.40 2.96 0.00	90.22 4.21 -0.33	77.15 3.29 -13.92	78.81 3.24 -15.97	115.22 5.63 -9.06	120.88 7.07 -1.82	111.95 6.15 -7.22	88.57 5.28 -1.66	94.41 4.82 -7.09	40.18 3.40 27.73	2.41 3.61 72.20	16.12 4.17 68.63	100.49 6.33 17.32	124.71 6.64 -0.58	29.58 2.35 14.18	37.90 3.06 19.83	52.69 2.91 3.79	68.91 3.12 -0.24	86.67 3.42 -6.88
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	109.18 5.06 0.00	49.63 2.67 0.00	44.18 2.42 0.00	73.00 3.74 0.00	59.43 3.08 0.00	68.06 3.62 0.00	91.10 5.08 -0.34	78.36 4.00 -14.41	80.18 4.04 -16.54	116.51 6.60 -9.38	121.90 8.03 -1.89	113.14 7.07 -7.49	89.47 6.12 -1.72	96.05 5.96 -7.59	94.69 4.63 -25.55	117.76 5.00 -41.76	139.48 5.74 -53.15	143.47 8.39 -23.61	131.24 8.71 -5.04	97.63 3.10 -53.12	84.38 4.08 -25.62	63.86 3.86 -6.43	70.05 4.24 -0.26	88.55 4.74 -7.44
W50THST__13_KV_LOAD 356117	109.60 5.49 0.00	49.82 2.86 0.00	44.35 2.59 0.00	73.29 4.03 0.00	59.67 3.32 0.00	68.37 3.93 0.00	91.51 5.49 -0.34	78.66 4.30 -14.41	80.52 4.38 -16.54	117.11 7.21 -9.38	122.58 8.71 -1.89	113.72 7.65 -7.49	89.93 6.58 -1.72	96.54 6.45 -7.59	95.12 5.06 -25.55	118.22 5.46 -41.76	139.99 6.26 -53.15	144.18 9.09 -23.61	131.92 9.39 -5.04	97.88 3.35 -53.12	84.72 4.42 -25.62	64.18 4.18 -6.43	70.43 4.61 -0.26	88.93 5.12 -7.44
WADING RIVER_IC_1 23522	114.25 10.12 -0.03	51.79 4.82 -0.01	46.03 4.27 -0.01	76.14 6.88 -0.01	61.92 5.56 0.00	70.92 6.48 0.00	95.00 8.97 -0.34	81.03 6.68 -14.42	82.64 6.50 -16.54	119.72 9.81 -9.38	125.51 11.63 -1.89	116.54 10.46 -7.49	102.69 9.16 -11.90	99.34 8.98 -7.87	125.18 7.59 -53.08	178.17 8.85 -98.32	279.22 9.99 -188.65	163.83 14.71 -37.65	183.03 15.36 -50.17	246.89 5.44 -200.04	154.23 7.26 -92.30	146.91 6.98 -86.36	73.59 7.76 -0.28	146.51 9.06 -61.08
WADING RIVER_IC_2 23547	114.25 10.12 -0.03	51.79 4.82 -0.01	46.03 4.27 -0.01	76.14 6.88 -0.01	61.92 5.56 0.00	70.92 6.48 0.00	95.00 8.97 -0.34	81.03 6.68 -14.42	82.64 6.50 -16.54	119.72 9.81 -9.38	125.51 11.63 -1.89	116.54 10.46 -7.49	102.69 9.16 -11.90	99.34 8.98 -7.87	125.18 7.59 -53.08	178.17 8.85 -98.32	279.22 9.99 -188.65	163.83 14.71 -37.65	183.03 15.36 -50.17	246.89 5.44 -200.04	154.23 7.26 -92.30	146.91 6.98 -86.36	73.59 7.76 -0.28	146.51 9.06 -61.08
WADING RIVER_IC_3 23601	114.25 10.12 -0.03	51.79 4.82 -0.01	46.03 4.27 -0.01	76.14 6.88 -0.01	61.92 5.56 0.00	70.92 6.48 0.00	95.00 8.97 -0.34	81.03 6.68 -14.42	82.64 6.50 -16.54	119.72 9.81 -9.38	125.51 11.63 -1.89	116.54 10.46 -7.49	102.69 9.16 -11.90	99.34 8.98 -7.87	125.18 7.59 -53.08	178.17 8.85 -98.32	279.22 9.99 -188.65	163.83 14.71 -37.65	183.03 15.36 -50.17	246.89 5.44 -200.04	154.23 7.26 -92.30	146.91 6.98 -86.36	73.59 7.76 -0.28	146.51 9.06 -61.08
WALDENNY_12_KV_BK2 80841	95.73 -8.38 0.00	43.55 -3.41 0.00	38.74 -3.01 0.00	65.01 -4.24 0.00	52.29 -4.06 0.00	59.48 -4.96 0.00	78.36 -7.33 0.00	54.10 -5.84 0.00	53.95 -5.65 0.00	91.24 -9.28 0.00	101.24 -10.75 0.00	89.93 -9.83 -1.17	74.18 -7.74 -0.29	75.61 -8.03 -1.16	59.27 -6.43 -1.20	64.82 -6.47 -0.29	74.89 -7.21 -1.52	102.90 -10.02 -1.45	106.70 -11.40 -0.61	41.80 -4.49 -4.89	50.57 -5.80 -1.70	48.72 -5.34 -0.50	59.02 -6.53 0.00	69.68 -6.69 0.00
WALDEN__HYDRO 24148	109.08 4.97 0.00	49.53 2.57 0.00	44.08 2.32 0.00	72.90 3.65 0.00	59.36 3.01 0.00	68.01 3.57 0.00	91.07 5.03 -0.35	78.78 3.84 -14.99	80.60 3.80 -17.21	116.58 6.29 -9.76	121.45 7.50 -1.96	112.47 6.44 -7.44	88.73 5.40 -1.70	95.11 5.17 -7.44	65.80 3.99 2.70	56.65 4.47 18.82	74.54 5.35 11.39	121.46 7.97 -2.02	128.55 8.34 -2.71	62.11 2.95 -17.75	60.08 3.84 -1.57	58.25 3.65 -1.03	69.83 4.01 -0.27	88.45 4.48 -7.61
WARRENSBURG____ 23737	110.76 6.64 0.00	50.11 3.15 0.00	44.48 2.73 0.00	73.72 4.47 0.00	60.00 3.65 0.00	68.92 4.48 0.00	95.30 6.24 -3.38	207.89 4.63 -143.32	228.81 4.73 -164.48	201.57 7.79 -93.25	139.51 8.76 -18.76	141.56 7.76 -35.21	95.36 6.60 -7.14	124.74 6.85 -35.40	98.57 5.36 -28.71	84.20 6.18 -7.03	141.33 7.30 -53.46	166.45 10.19 -44.78	142.59 10.46 -14.64	175.60 3.68 -130.51	100.10 4.81 -40.62	70.07 4.55 -11.96	73.40 5.27 -2.57	155.60 6.02 -73.20
WATERSIDE____6 8 9 23538	109.06 4.95 0.00	48.52 2.65 1.10	42.52 2.43 1.66	72.91 3.66 0.00	59.39 3.04 0.00	68.02 3.58 0.00	91.00 4.98 -0.34	78.31 3.95 -14.41	80.14 4.00 -16.54	116.40 6.49 -9.38	121.86 7.99 -1.89	113.04 6.97 -7.49	89.52 6.17 -1.72	96.00 5.92 -7.59	94.53 4.59 -25.44	117.42 4.91 -41.52	139.08 5.61 -52.89	143.24 8.24 -23.53	131.13 8.60 -5.03	97.50 3.11 -52.99	84.29 4.08 -25.53	63.86 3.89 -6.41	70.11 4.30 -0.26	88.58 4.76 -7.44
WATKINRD_115KV_LN8_ILLION 55919	105.88 1.77 0.00	47.88 0.92 0.00	42.58 0.83 0.00	70.59 1.33 0.00	57.51 1.16 0.00	65.92 1.48 0.00	87.63 1.95 0.00	61.47 1.52 0.00	61.17 1.58 0.00	102.94 2.41 0.00	114.74 2.76 0.00	101.06 2.48 0.00	83.70 2.07 0.00	84.58 2.09 0.00	66.11 1.61 0.00	72.84 1.85 0.00	82.91 2.33 0.00	114.79 3.31 0.00	120.89 3.40 0.00	42.62 1.22 0.00	56.23 1.55 0.00	55.04 1.48 0.00	67.20 1.65 0.00	78.31 1.94 0.00
WATSON__69_KV_BK 1 55734	114.03 9.89 -0.02	51.68 4.71 -0.01	45.94 4.17 -0.01	75.94 6.69 -0.01	61.73 5.38 0.00	70.67 6.23 0.00	94.54 8.52 -0.34	80.72 6.36 -14.42	82.47 6.33 -16.54	119.65 9.75 -9.38	125.44 11.57 -1.89	116.67 10.59 -7.49	102.57 9.31 -11.64	99.44 9.07 -7.87	124.28 7.52 -52.25	176.12 8.51 -96.62	274.77 9.54 -184.65	162.99 13.48 -38.04	182.63 14.01 -51.13	242.59 5.12 -196.06	151.73 6.75 -90.31	144.12 6.52 -84.03	73.10 7.27 -0.27	144.57 8.54 -59.66
WDELAWARE__HYD 323627	108.36 4.25 0.00	49.04 2.08 0.00	43.64 1.88 0.00	72.20 2.95 0.00	58.83 2.48 0.00	67.47 3.03 0.00	90.49 4.42 -0.38	79.53 3.44 -16.15	81.57 3.44 -18.53	116.64 5.60 -10.51	120.46 6.36 -2.11	111.10 5.09 -7.43	87.48 4.17 -1.68	93.86 3.93 -7.43	66.62 3.11 1.00	59.72 3.75 15.02	78.10 4.80 7.29	122.13 7.29 -3.36	128.02 7.71 -2.81	63.85 2.72 -19.73	61.17 3.52 -2.97	58.22 3.31 -1.34	69.39 3.55 -0.29	88.40 3.82 -8.21

WEST BABYLON___IC 23714	113.36 9.22 -0.02	51.39 4.41 -0.01	45.66 3.90 -0.01	75.48 6.22 -0.01	61.36 5.01 0.00	70.24 5.80 0.00	93.95 7.92 -0.34	80.30 5.95 -14.42	82.05 5.91 -16.54	119.01 9.11 -9.38	124.69 10.82 -1.89	115.98 9.91 -7.49	101.48 8.76 -11.09	98.88 8.51 -7.89	122.03 7.06 -50.46	171.89 7.96 -92.94	265.57 8.97 -176.02	163.05 12.69 -38.88	183.82 13.15 -53.17	233.70 4.80 -187.49	147.00 6.31 -86.01	138.70 6.11 -79.03	72.66 6.83 -0.27	140.98 8.02 -56.59
WEST CANADA___HYD 24049	104.54 0.43 0.00	47.24 0.27 0.00	42.01 0.25 0.00	69.63 0.38 0.00	56.69 0.34 0.00	64.83 0.39 0.00	86.20 0.52 0.00	60.33 0.39 0.00	60.01 0.42 0.00	101.16 0.63 0.00	112.80 0.81 0.00	99.36 0.77 0.00	82.28 0.65 0.00	83.14 0.65 0.00	65.00 0.49 0.00	71.51 0.51 0.00	81.22 0.64 0.00	112.36 0.89 0.00	118.43 0.94 0.00	41.74 0.33 0.00	55.10 0.43 0.00	53.97 0.40 0.00	66.02 0.46 0.00	76.94 0.58 0.00
WESTERN_NY_WIND 24143	96.24 -7.87 0.00	43.70 -3.27 0.00	38.89 -2.87 0.00	65.21 -4.05 0.00	52.51 -3.84 0.00	59.86 -4.58 0.00	79.02 -6.67 0.00	59.60 -5.11 -4.77	85.81 -4.77 -30.98	252.38 -7.82 -159.67	223.03 -9.01 -120.06	116.98 -8.45 -26.85	86.24 -6.86 -11.48	95.68 -7.14 -20.33	59.90 -5.62 -1.01	69.96 -5.46 -4.42	196.51 -5.83 -121.76	297.46 -7.84 -193.82	313.79 -8.86 -205.16	49.08 -3.57 -11.25	51.48 -4.62 -1.43	49.75 -4.24 -0.42	60.31 -5.24 0.00	71.03 -5.34 0.00
WESTOVER___LESR 323668	102.86 -1.26 0.00	46.53 -0.44 0.00	41.36 -0.39 0.00	68.73 -0.52 0.00	55.91 -0.44 0.00	63.94 -0.50 0.00	85.10 -0.73 -0.14	65.47 -0.53 -6.06	66.06 -0.49 -6.95	104.24 -0.23 -3.94	112.09 -0.69 -0.79	100.68 -0.68 -2.78	81.67 -0.59 -0.63	84.66 -0.62 -2.79	66.41 -0.62 -2.52	71.00 -0.62 -0.62	83.92 -0.58 -3.91	114.30 -0.65 -3.47	117.96 -0.82 -1.29	51.95 -0.42 -10.96	57.66 -0.58 -3.57	54.07 -0.55 -1.05	64.85 -0.82 -0.11	78.53 -0.92 -3.08
WETHRSFD_WT_PWR 323626	96.69 -7.43 0.00	44.01 -2.96 0.00	39.11 -2.65 0.00	65.42 -3.84 0.00	52.78 -3.57 0.00	60.09 -4.35 0.00	79.27 -6.42 0.00	55.04 -4.91 0.00	54.83 -4.76 0.00	92.84 -7.68 0.00	102.80 -9.19 0.00	91.40 -8.53 -1.34	56.21 -7.33 18.09	44.46 -7.65 30.38	59.98 -5.89 -1.37	65.65 -5.68 -0.33	76.18 -6.13 -1.73	104.42 -8.70 -1.65	108.36 -9.83 -0.70	43.20 -3.78 -5.57	51.66 -4.95 -1.93	49.57 -4.56 -0.57	60.00 -5.56 0.00	70.43 -5.94 0.00
WHAVSTOR_138KV_BK127 55557	107.70 3.58 0.00	48.92 1.96 0.00	43.55 1.79 0.00	72.01 2.75 0.00	58.61 2.26 0.00	67.12 2.68 0.00	89.85 3.84 -0.33	76.87 2.99 -13.93	78.53 2.94 -15.99	114.74 5.15 -9.06	120.34 6.53 -1.82	111.51 5.70 -7.23	88.17 4.88 -1.66	94.03 4.44 -7.10	39.73 3.06 27.84	1.76 3.20 72.45	15.39 3.70 68.89	99.73 5.66 17.40	124.00 5.94 -0.57	29.20 2.11 14.31	37.49 2.74 19.93	52.36 2.61 3.81	68.54 2.75 -0.24	86.29 3.04 -6.88
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	107.70 3.58 0.00	48.92 1.96 0.00	43.55 1.79 0.00	72.01 2.75 0.00	58.61 2.26 0.00	67.12 2.68 0.00	89.85 3.84 -0.33	76.87 2.99 -13.93	78.53 2.94 -15.99	114.74 5.15 -9.06	120.34 6.53 -1.82	111.51 5.70 -7.23	88.17 4.88 -1.66	94.03 4.44 -7.10	39.73 3.06 27.84	1.76 3.20 72.45	15.39 3.70 68.89	99.73 5.66 17.40	124.00 5.94 -0.57	29.20 2.11 14.31	37.49 2.74 19.93	52.36 2.61 3.81	68.54 2.75 -0.24	86.29 3.04 -6.88
WHITEHAL_115KV_TB1 80871	112.85 8.73 0.00	51.10 4.14 0.00	45.18 3.42 0.00	74.81 5.56 0.00	60.77 4.42 0.00	69.97 5.53 0.00	96.96 7.93 -3.35	207.92 5.98 -141.99	228.74 6.19 -162.95	202.77 9.85 -92.39	141.30 10.73 -18.59	143.04 9.52 -34.94	97.15 8.44 -7.08	126.66 9.05 -35.12	100.21 7.22 -28.49	86.76 8.79 -6.97	143.84 10.23 -53.03	169.86 13.96 -44.43	146.11 14.08 -14.53	175.97 5.05 -129.51	101.69 6.71 -40.31	71.76 6.33 -11.87	75.61 7.50 -2.55	157.55 8.65 -72.53
WHITEPLN_13_KV_LOAD 356215	109.96 5.84 0.00	49.93 2.97 0.00	44.44 2.68 0.00	73.49 4.24 0.00	59.82 3.47 0.00	68.54 4.10 0.00	91.78 5.76 -0.34	78.73 4.40 -14.38	80.51 4.40 -16.51	117.22 7.33 -9.36	122.63 8.77 -1.88	113.80 7.74 -7.47	89.94 6.59 -1.72	96.56 6.49 -7.58	97.11 5.14 -27.46	122.51 5.61 -45.91	144.65 6.52 -57.55	146.09 9.54 -25.07	132.61 9.93 -5.19	100.39 3.52 -55.46	86.51 4.59 -27.24	64.72 4.36 -6.79	70.67 4.85 -0.26	89.24 5.44 -7.44
WM_FLOYD_69_KV_BK2 356380	113.94 9.80 -0.03	51.64 4.67 -0.01	45.90 4.13 -0.01	75.90 6.65 -0.01	61.70 5.35 0.00	70.69 6.25 0.00	94.66 8.63 -0.34	80.80 6.44 -14.42	82.41 6.27 -16.54	119.39 9.48 -9.38	125.12 11.25 -1.89	116.21 10.14 -7.49	102.43 8.92 -11.88	99.07 8.71 -7.87	124.91 7.37 -53.03	177.78 8.56 -98.22	278.71 9.72 -188.41	163.28 14.14 -37.67	182.43 14.71 -50.22	246.46 5.25 -199.80	153.83 6.97 -92.19	146.51 6.72 -86.22	73.29 7.46 -0.28	146.09 8.73 -60.99
WOODARD___115KV_TB2 355635	101.13 -2.99 0.00	45.72 -1.25 0.00	40.66 -1.10 0.00	67.50 -1.76 0.00	54.90 -1.45 0.00	62.84 -1.61 0.00	83.58 -2.11 0.00	58.51 -1.43 0.00	58.23 -1.37 0.00	98.36 -2.16 0.00	109.52 -2.46 0.00	96.32 -2.27 0.00	79.82 -1.81 0.00	80.63 -1.86 0.00	63.02 -1.49 0.00	69.43 -1.57 0.00	78.98 -1.60 0.00	109.40 -2.07 0.00	115.14 -2.35 0.00	40.62 -0.89 -0.10	53.42 -1.25 0.00	52.33 -1.23 0.00	63.92 -1.63 0.00	74.49 -1.89 0.00
YORK___WARBASSE 23770	109.45 5.34 0.00	55.17 2.95 -5.26	52.44 2.73 -7.96	73.20 3.94 0.00	59.57 3.21 0.00	68.17 3.73 0.00	91.20 5.18 -0.34	78.44 4.09 -14.41	80.31 4.17 -16.54	116.65 6.75 -9.38	121.74 7.87 -1.89	113.07 6.99 -7.49	89.71 6.36 -1.72	98.54 6.13 -9.92	97.74 4.69 -28.54	117.46 4.95 -41.52	138.98 5.51 -52.89	143.12 8.12 -23.53	131.25 8.72 -5.03	110.67 3.30 -65.97	89.20 4.35 -30.18	64.11 4.14 -6.41	70.42 4.60 -0.26	88.89 5.08 -7.44