

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/06/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	85.07	81.82	80.92	81.06	84.04	81.31	97.26	157.97	153.08	130.52	133.10	129.85	123.71	127.33	120.98	116.18	118.46	130.08	125.60	115.53	95.67	79.16	71.41	67.41
24138	3.61	3.85	3.32	3.40	3.40	3.61	5.07	9.25	9.65	8.28	8.51	8.83	7.34	6.13	5.98	6.40	6.16	6.48	6.26	5.80	5.58	5.05	4.86	4.17
	-9.14	-5.36	-5.43	-5.42	-8.32	-5.45	-9.13	-8.59	-9.41	-23.64	-16.87	-15.96	-29.03	-48.22	-42.09	-35.41	-39.79	-50.79	-46.60	-37.21	-17.66	-2.96	0.00	-0.94
74TH STREET_GT_1	85.15	81.82	80.92	80.98	83.97	81.31	97.26	157.83	153.07	130.32	132.89	129.64	123.54	127.19	120.91	116.04	118.25	129.87	125.46	115.61	82.77	79.16	71.41	67.47
24260	3.69	3.85	3.32	3.32	3.33	3.61	5.07	9.11	9.65	8.08	8.29	8.62	7.16	5.98	5.91	6.25	5.95	6.26	6.11	5.87	5.65	5.05	4.86	4.24
	-9.14	-5.36	-5.43	-5.42	-8.32	-5.45	-9.13	-8.59	-9.42	-23.65	-16.87	-15.96	-29.03	-48.23	-42.09	-35.42	-39.79	-50.80	-46.61	-37.22	-4.69	-2.96	0.00	-0.94
74TH STREET_GT_2	85.15	81.82	80.92	80.98	83.97	81.31	97.26	157.83	153.07	130.32	132.89	129.64	123.54	127.19	120.91	116.04	118.25	129.87	125.46	115.61	82.77	79.16	71.41	67.47
24261	3.69	3.85	3.32	3.32	3.33	3.61	5.07	9.11	9.65	8.08	8.29	8.62	7.16	5.98	5.91	6.25	5.95	6.26	6.11	5.87	5.65	5.05	4.86	4.24
	-9.14	-5.36	-5.43	-5.42	-8.32	-5.45	-9.13	-8.59	-9.42	-23.65	-16.87	-15.96	-29.03	-48.23	-42.09	-35.42	-39.79	-50.80	-46.61	-37.22	-4.69	-2.96	0.00	-0.94
ADK HUDSON___FALLS	176.00	136.18	136.33	136.24	167.21	135.42	186.58	242.08	244.40	258.07	195.70	182.23	179.44	153.55	131.30	124.52	132.58	142.38	137.02	133.33	99.15	108.84	72.34	77.59
24011	6.44	6.54	6.35	6.28	6.36	5.20	6.31	10.51	10.18	7.79	8.40	8.20	6.64	5.47	5.32	5.50	5.51	5.53	5.53	5.29	6.37	6.19	5.79	5.30
	-97.24	-57.03	-57.81	-57.71	-88.53	-57.97	-97.21	-91.44	-100.21	-151.69	-79.58	-68.97	-85.45	-75.10	-53.07	-44.65	-54.56	-64.04	-58.76	-55.52	-20.34	-31.50	0.00	-10.00
ADK RESOURCE___RCVRY	177.05	136.93	137.16	137.21	168.29	136.19	187.70	243.58	245.89	259.54	196.72	183.18	180.20	154.05	131.77	125.01	133.01	142.86	137.50	133.78	116.12	109.51	72.81	78.08
23798	6.94	6.97	6.86	6.94	6.94	5.64	6.89	11.49	11.12	8.48	9.05	8.83	7.07	5.84	5.76	5.95	5.87	5.97	5.97	5.66	6.88	6.69	6.25	5.73
	-97.78	-57.35	-58.13	-58.04	-89.03	-58.30	-97.76	-91.95	-100.77	-152.47	-79.95	-69.29	-85.78	-75.23	-53.10	-44.68	-54.62	-64.08	-58.80	-55.61	-36.80	-31.68	0.00	-10.05
ADK S GLENS___FALLS	176.00	136.18	136.33	136.24	167.21	135.42	186.58	242.08	244.40	258.07	195.70	182.23	179.44	153.55	131.30	124.52	132.58	142.38	137.02	133.33	99.15	108.84	72.34	77.59
24028	6.44	6.54	6.35	6.28	6.36	5.20	6.31	10.51	10.18	7.79	8.40	8.20	6.64	5.47	5.32	5.50	5.51	5.53	5.53	5.29	6.37	6.19	5.79	5.30
	-97.24	-57.03	-57.81	-57.71	-88.53	-57.97	-97.21	-91.44	-100.21	-151.69	-79.58	-68.97	-85.45	-75.10	-53.07	-44.65	-54.56	-64.04	-58.76	-55.52	-20.34	-31.50	0.00	-10.00
ADK_NYS___DAM	145.86	117.93	117.72	117.79	139.70	117.99	157.61	214.12	214.19	216.77	175.31	165.20	162.06	146.65	129.39	122.85	129.13	139.94	134.85	128.99	109.07	98.50	71.35	73.73
23527	4.70	4.94	4.62	4.69	4.70	4.69	5.73	9.25	9.24	7.30	7.76	7.77	6.46	5.40	5.32	5.43	5.29	5.39	5.46	5.44	5.44	5.05	4.79	4.36
	-68.85	-40.38	-40.93	-40.86	-62.68	-41.05	-68.83	-64.74	-70.95	-110.89	-59.84	-52.36	-68.24	-68.26	-51.16	-43.05	-51.33	-61.74	-56.65	-51.04	-31.20	-22.30	0.00	-7.08
AIR_PRODUCTS___DRP	120.11	101.90	101.65	101.61	116.18	101.74	130.92	186.26	184.35	179.27	154.85	147.53	145.26	140.07	126.94	119.87	124.90	136.65	131.54	123.52	85.95	87.87	68.48	69.15
24190	2.31	2.61	2.45	2.38	2.46	2.38	2.41	3.36	3.48	3.06	3.23	3.47	2.97	2.55	2.70	2.31	2.10	1.89	1.96	2.18	2.03	1.99	1.93	2.18
	-45.47	-26.67	-27.03	-26.99	-41.40	-27.11	-45.46	-42.76	-46.86	-77.62	-43.90	-39.00	-54.94	-64.53	-51.34	-43.20	-50.29	-61.95	-56.84	-48.83	-11.49	-14.73	0.00	-4.68
AKWESSNE_115KV_BK	72.46	72.47	72.45	72.74	72.54	72.54	83.06	140.83	134.01	97.70	107.40	104.44	86.48	72.11	72.11	73.63	72.08	72.08	72.08	71.93	71.93	70.86	66.15	62.11
355683	0.14	-0.15	0.29	0.51	0.22	0.29	0.00	0.70	0.00	-0.89	-0.32	-0.63	-0.87	-0.88	-0.80	-0.74	-0.44	-0.73	-0.65	-0.58	-0.51	-0.28	-0.40	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	113.77	99.38	99.11	99.15	110.61	99.26	124.96	182.49	179.39	168.77	151.60	145.22	141.81	139.11	127.61	121.01	125.45	137.48	132.50	123.63	101.79	86.97	70.95	70.24
323833	5.35	5.59	5.48	5.49	5.43	5.49	5.81	8.41	8.18	6.21	6.68	6.83	5.60	4.60	4.67	4.54	4.35	4.29	4.36	4.35	4.13	4.12	4.39	4.24
	-36.10	-21.17	-21.46	-21.43	-32.87	-21.52	-36.09	-33.95	-37.20	-63.97	-37.20	-33.33	-48.86	-61.52	-50.03	-42.10	-48.59	-60.38	-55.40	-46.77	-25.23	-11.70	0.00	-3.71
ALBANY_2_SOLAR	113.77	99.38	99.11	99.15	110.61	99.26	124.96	182.49	179.25	168.77	151.60	145.22	141.81	139.11	127.61	121.01	125.45	137.48	132.50	123.63	101.79	86.97	70.95	70.24
323834	5.35	5.59	5.48	5.49	5.43	5.49	5.81	8.41	8.04	6.21	6.68	6.83	5.60	4.60	4.67	4.54	4.35	4.29	4.36	4.35	4.13	4.12	4.39	4.24
	-36.10	-21.17	-21.46	-21.43	-32.87	-21.52	-36.09	-33.95	-37.20	-63.97	-37.20	-33.33	-48.86	-61.53	-50.03	-42.10	-48.59	-60.38	-55.40	-46.77	-25.23	-11.69	0.00	-3.71
ALBANY___1	120.11	101.90	101.65	101.61	116.18	101.74	130.92	186.26	184.35	179.27	154.85	147.53	145.26	140.07	126.94	119.87	124.90	136.65	131.54	123.52	85.95	87.87	68.48	69.15
23571	2.31	2.61	2.45	2.38	2.46	2.38	2.41	3.36	3.48	3.06	3.23	3.47	2.97	2.55	2.70	2.31	2.10	1.89	1.96	2.18	2.03	1.99	1.93	2.18
	-45.47	-26.67	-27.03	-26.99	-41.40	-27.11	-45.46	-42.76	-46.86	-77.62	-43.90	-39.00	-54.94	-64.53	-51.34	-43.20	-50.29	-61.95	-56.84	-48.83	-11.49	-14.73	0.00	-4.68

ALBANY___2 23572	120.11 2.31 -45.47	101.90 2.61 -26.67	101.65 2.45 -27.03	101.61 2.38 -26.99	116.18 2.46 -41.40	101.74 2.38 -27.11	130.92 2.41 -45.46	186.26 3.36 -42.76	184.35 3.48 -46.86	179.27 3.06 -77.62	154.85 3.23 -43.90	147.53 3.47 -39.00	145.26 2.97 -54.94	140.07 2.55 -64.53	126.94 2.70 -51.34	119.87 2.31 -43.20	124.90 2.10 -50.29	136.65 1.89 -61.95	131.54 1.96 -56.84	123.52 2.18 -48.83	85.95 2.03 -11.49	87.87 1.99 -14.73	68.48 1.93 0.00	69.15 2.18 -4.68
ALBANY___3 23573	120.11 2.31 -45.47	101.90 2.61 -26.67	101.65 2.45 -27.03	101.61 2.38 -26.99	116.18 2.46 -41.40	101.74 2.38 -27.11	130.92 2.41 -45.46	186.26 3.36 -42.76	184.35 3.48 -46.86	179.27 3.06 -77.62	154.85 3.23 -43.90	147.53 3.47 -39.00	145.26 2.97 -54.94	140.07 2.55 -64.53	126.94 2.70 -51.34	119.87 2.31 -43.20	124.90 2.10 -50.29	136.65 1.89 -61.95	131.54 1.96 -56.84	123.52 2.18 -48.83	85.95 2.03 -11.49	87.87 1.99 -14.73	68.48 1.93 0.00	69.15 2.18 -4.68
ALBANY___4 23574	120.11 2.31 -45.47	101.90 2.61 -26.67	101.65 2.45 -27.03	101.61 2.38 -26.99	116.18 2.46 -41.40	101.74 2.38 -27.11	130.92 2.41 -45.46	186.26 3.36 -42.76	184.35 3.48 -46.86	179.27 3.06 -77.62	154.85 3.23 -43.90	147.53 3.47 -39.00	145.26 2.97 -54.94	140.07 2.55 -64.53	126.94 2.70 -51.34	119.87 2.31 -43.20	124.90 2.10 -50.29	136.65 1.89 -61.95	131.54 1.96 -56.84	123.52 2.18 -48.83	85.95 2.03 -11.49	87.87 1.99 -14.73	68.48 1.93 0.00	69.15 2.18 -4.68
ALBANY___LFGE 323615	137.22 2.90 -62.01	112.17 3.19 -36.36	112.06 3.03 -36.86	112.07 3.03 -36.80	131.81 3.04 -56.45	112.25 3.03 -36.97	148.20 3.16 -61.99	203.21 4.77 -58.31	202.87 4.96 -63.90	203.99 4.14 -101.26	167.41 4.42 -55.28	158.24 4.62 -48.55	155.93 3.93 -64.65	144.18 3.36 -67.84	128.17 3.43 -51.83	121.10 3.12 -43.61	127.01 2.90 -51.60	138.05 2.70 -62.55	132.89 2.76 -57.39	126.33 2.90 -50.92	105.47 2.75 -30.28	93.87 2.63 -20.09	69.08 2.53 0.00	71.29 2.62 -6.38
ALCOA_PA_115KV_PL-6C 55860	72.90 0.58 0.00	72.91 0.29 0.00	72.96 0.79 0.00	73.18 0.94 0.00	72.97 0.65 0.00	72.90 0.65 0.00	83.39 0.33 0.00	141.39 1.26 0.00	134.54 0.54 0.00	98.00 -0.59 0.00	107.83 0.11 0.00	104.86 -0.21 0.00	86.82 -0.52 0.00	72.47 -0.51 0.00	72.40 -0.51 0.00	73.92 -0.45 0.00	72.30 -0.22 0.00	72.30 -0.51 0.00	72.30 -0.44 0.00	72.15 -0.36 0.00	72.14 -0.29 0.00	71.08 -0.07 0.00	66.42 -0.13 0.00	62.36 0.06 0.00
ALCOA_RYNLDS___DRP 24188	72.90 0.58 0.00	72.91 0.29 0.00	72.96 0.79 0.00	73.18 0.94 0.00	72.97 0.65 0.00	72.90 0.65 0.00	83.39 0.33 0.00	141.39 1.26 0.00	134.54 0.54 0.00	98.00 -0.59 0.00	107.83 0.11 0.00	104.86 -0.21 0.00	86.82 -0.52 0.00	72.47 -0.51 0.00	72.40 -0.51 0.00	73.92 -0.45 0.00	72.30 -0.22 0.00	72.30 -0.51 0.00	72.30 -0.44 0.00	72.15 -0.36 0.00	72.14 -0.29 0.00	71.08 -0.07 0.00	66.42 -0.13 0.00	62.36 0.06 0.00
ALCOA___DSASP 323711	72.90 0.58 0.00	72.91 0.29 0.00	72.96 0.80 0.00	72.96 0.72 0.00	72.90 0.58 0.00	72.90 0.65 0.00	83.39 0.33 0.00	141.39 1.26 0.00	134.55 0.54 0.00	98.00 -0.59 0.00	107.83 0.11 0.00	104.86 -0.21 0.00	86.91 -0.43 0.00	72.47 -0.51 0.00	72.40 -0.51 0.00	73.93 -0.44 0.00	72.37 -0.14 0.00	72.30 -0.51 0.00	72.30 -0.43 0.00	72.15 -0.36 0.00	72.14 -0.29 0.00	71.15 0.00 0.00	66.42 -0.13 0.00	62.29 0.00 0.00
ALLEGHENY___COGEN 23514	70.94 -1.38 0.00	70.51 -2.11 0.00	69.71 -2.45 0.00	69.78 -2.46 0.00	70.00 -2.32 0.00	70.37 -1.88 0.00	79.73 -3.32 0.00	126.18 -8.97 4.98	122.22 -8.71 3.08	96.54 -5.33 -3.28	103.22 -7.76 -3.26	100.59 -7.77 -3.30	85.39 -5.85 -3.89	77.06 -4.16 -8.24	72.76 -4.15 -4.01	71.56 -4.39 -1.58	69.31 -4.64 -1.44	71.13 -3.93 -2.25	71.02 -3.79 -2.07	66.41 -4.50 1.61	67.49 -4.56 0.38	66.50 -4.62 0.03	62.63 -3.93 0.00	58.75 -3.55 0.00
ALTAMONT_115KV_TB 2 55880	110.71 2.46 -35.93	96.45 2.76 -21.07	96.05 2.53 -21.36	96.02 2.46 -21.33	107.56 2.53 -32.71	96.13 2.46 -21.42	121.80 2.82 -35.92	178.41 4.48 -33.79	175.59 4.56 -37.03	166.37 3.75 -64.03	148.99 3.88 -37.39	142.60 3.99 -33.54	140.22 3.41 -49.47	138.72 2.85 -62.89	127.12 2.92 -51.29	120.35 2.83 -43.16	125.02 2.76 -49.75	137.47 2.77 -61.89	132.29 2.76 -56.79	123.10 2.76 -47.83	84.99 2.68 -9.87	85.28 2.49 -11.64	68.95 2.40 0.00	68.23 2.24 -3.69
ALTONA_WT_PWR 323606	73.26 0.94 0.00	73.42 0.80 0.00	73.53 1.37 0.00	73.54 1.30 0.00	73.62 1.30 0.00	73.77 1.52 0.00	83.89 0.83 0.00	141.95 1.82 0.00	134.95 0.94 0.00	98.20 -0.39 0.00	107.72 0.00 0.00	104.54 -0.52 0.00	86.65 -0.70 0.00	72.25 -0.73 0.00	71.96 -0.95 0.00	73.33 -1.04 0.00	71.65 -0.87 0.00	71.50 -1.31 0.00	71.28 -1.45 0.00	70.85 -1.66 0.00	70.69 -1.74 0.00	69.44 -1.71 0.00	64.56 -1.99 0.00	60.80 -1.50 0.00
AMERICAN_REF_FUEL 24010	67.11 -5.21 0.00	66.74 -5.88 0.00	65.89 -6.28 0.00	66.17 -6.07 0.00	66.25 -6.07 0.00	66.47 -5.78 0.00	74.17 -8.89 0.00	114.97 -20.60 4.57	111.08 -20.10 2.82	88.62 -12.91 -2.95	94.71 -15.94 -2.93	92.59 -15.44 -2.96	78.99 -12.40 -4.04	71.34 -9.41 -7.77	68.00 -9.70 -4.79	67.99 -9.30 -2.92	64.76 -10.66 -2.90	66.79 -10.19 -4.18	66.61 -9.96 -3.83	61.29 -11.17 0.06	61.38 -11.23 -0.17	60.67 -10.46 0.02	57.90 -8.65 0.00	55.07 -7.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	69.65 -2.67 0.00	69.13 -3.48 0.00	68.13 -4.04 0.00	68.12 -4.11 0.00	68.27 -4.05 0.00	68.71 -3.54 0.00	77.07 -5.98 0.00	120.07 -15.42 4.65	116.26 -14.88 2.87	92.57 -9.27 -3.26	99.11 -11.85 -3.24	96.99 -11.35 -3.28	82.12 -9.52 -4.29	73.83 -7.59 -8.44	69.87 -7.95 -4.90	68.93 -8.18 -2.74	66.47 -8.78 -2.74	68.29 -8.44 -3.92	67.98 -8.36 -3.60	63.65 -8.63 0.23	63.98 -8.62 -0.17	62.73 -8.40 0.02	59.63 -6.92 0.00	56.75 -5.54 0.00
ARTHUR KILL_GT_1 23520	83.63 2.90 -8.41	74.03 3.12 1.70	80.05 2.46 -5.43	80.19 2.53 -5.42	75.66 2.53 -0.81	79.56 2.74 -4.57	96.51 4.32 -9.13	156.85 8.12 -8.59	152.01 8.58 -9.42	129.64 7.40 -23.66	90.52 7.54 24.74	89.43 7.88 23.52	83.59 6.55 10.31	87.38 5.48 -8.92	81.44 5.40 -3.14	115.60 5.80 -35.43	117.97 5.66 -39.80	129.66 6.04 -50.81	125.39 6.03 -46.62	115.40 5.66 -37.23	95.53 5.44 -17.66	78.88 4.77 -2.97	71.22 4.66 -0.01	67.23 3.99 -0.95
ARTHUR_KILL_2 23512	83.41 2.68 -8.41	73.82 2.91 1.70	79.84 2.24 -5.43	79.97 2.31 -5.42	75.52 2.38 -0.81	79.34 2.53 -4.57	96.18 3.99 -9.13	156.43 7.70 -8.59	151.60 8.18 -9.42	129.35 7.10 -23.66	90.20 7.22 24.74	89.11 7.57 23.52	83.33 6.29 10.31	87.16 5.26 -8.92	81.23 5.18 -3.14	115.38 5.58 -35.43	117.75 5.44 -39.80	129.44 5.83 -50.81	125.18 5.82 -46.62	115.11 5.37 -37.23	95.24 5.14 -17.66	78.60 4.49 -2.97	70.95 4.39 -0.01	67.04 3.80 -0.95
ARTHUR_KILL_3 23513	67.17 2.75 7.90	62.85 2.98 12.74	62.85 2.46 11.77	62.85 2.53 11.91	62.85 2.60 12.07	65.38 2.74 9.61	62.15 4.07 24.97	133.10 7.42 14.45	114.81 8.04 27.23	94.20 6.90 11.29	89.97 7.00 24.75	88.78 7.24 23.53	83.14 6.11 10.32	87.00 5.11 -8.91	81.06 5.03 -3.13	76.27 5.28 3.38	77.84 5.07 -0.25	78.78 5.31 -0.66	82.79 5.24 -4.81	75.70 4.93 1.75	62.15 4.78 15.06	62.85 4.20 12.49	62.78 4.06 7.84	62.85 3.49 2.93

ARTHUR_KILL_COGEN 323718	83.63 2.90 -8.41	74.03 3.12 1.70	80.05 2.46 -5.43	80.19 2.53 -5.42	75.66 2.53 -0.81	79.56 2.74 -4.57	96.51 4.32 -9.13	156.85 8.12 -8.59	152.01 8.58 -9.42	129.64 7.40 -23.66	90.52 7.54 24.74	89.43 7.88 23.52	83.59 6.55 10.31	87.38 5.48 -8.92	81.44 5.40 -3.14	115.60 5.80 -35.43	117.97 5.66 -39.80	129.66 6.04 -50.81	125.39 6.03 -46.62	115.40 5.66 -37.23	95.53 5.44 -17.66	78.88 4.77 -2.97	71.22 4.66 -0.01	67.23 3.99 -0.95
ASHOKAN____ 23654	100.74 2.10 -26.32	90.44 2.39 -15.44	90.05 2.24 -15.65	90.17 2.31 -15.62	98.53 2.24 -23.97	90.47 2.53 -15.69	112.70 3.33 -26.32	169.09 4.20 -24.75	165.02 3.89 -27.13	151.05 3.15 -49.31	140.41 2.91 -29.78	134.99 2.94 -26.99	131.19 2.27 -41.58	131.39 1.89 -56.52	122.01 2.12 -46.99	116.06 2.16 -39.54	120.07 2.32 -45.24	132.06 2.55 -56.70	127.24 2.47 -52.03	117.85 2.17 -43.16	96.67 1.81 -22.42	81.24 1.56 -8.53	70.82 4.26 0.00	66.31 1.31 -2.71
ASTORIA_EAST_ENERGY_CC1 323581	85.29 3.83 -9.14	81.96 3.99 -5.36	80.77 3.17 -5.43	80.91 3.25 -5.42	83.97 3.33 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.53	157.28 8.55 -8.59	152.40 8.98 -9.41	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.98 -15.95	123.10 6.73 -29.02	126.82 5.62 -48.22	120.53 5.54 -42.09	115.66 5.87 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.23 5.51 -37.21	95.45 5.36 -17.65	79.09 4.98 -2.97	71.36 4.79 -0.01	67.48 4.24 -0.95
ASTORIA_EAST_ENERGY_CC2 323582	85.22 3.76 -9.14	81.89 3.92 -5.36	80.77 3.17 -5.43	80.91 3.25 -5.42	83.97 3.33 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.28 8.55 -8.59	152.26 8.84 -9.41	129.72 7.49 -23.64	132.23 7.65 -16.86	129.00 7.98 -15.95	123.10 6.73 -29.02	126.82 5.62 -48.22	120.53 5.54 -42.09	115.66 5.87 -35.41	117.88 5.58 -39.78	129.43 5.83 -50.79	125.09 5.74 -46.60	115.23 5.51 -37.21	95.45 5.36 -17.65	79.09 4.98 -2.97	71.36 4.79 -0.01	67.48 4.24 -0.95
ASTORIA_GT2_1 24094	85.29 3.83 -9.14	81.97 3.99 -5.36	80.85 3.25 -5.43	80.91 3.25 -5.42	83.82 3.18 -8.32	81.24 3.54 -5.45	97.49 4.90 -9.53	157.41 8.69 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.11 8.09 -15.95	123.18 6.81 -29.02	126.89 5.69 -48.22	120.61 5.61 -42.09	115.73 5.95 -35.41	117.95 5.66 -39.78	129.57 5.97 -50.79	125.23 5.89 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT2_2 24095	85.29 3.83 -9.14	81.97 3.99 -5.36	80.85 3.25 -5.43	80.91 3.25 -5.42	83.82 3.18 -8.32	81.24 3.54 -5.45	97.49 4.90 -9.53	157.41 8.69 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.11 8.09 -15.95	123.18 6.81 -29.02	126.89 5.69 -48.22	120.61 5.61 -42.09	115.73 5.95 -35.41	117.95 5.66 -39.78	129.57 5.97 -50.79	125.23 5.89 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT2_3 24096	85.29 3.83 -9.14	81.97 3.99 -5.36	80.85 3.25 -5.43	80.91 3.25 -5.42	83.82 3.18 -8.32	81.24 3.54 -5.45	97.49 4.90 -9.53	157.41 8.69 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.11 8.09 -15.95	123.18 6.81 -29.02	126.89 5.69 -48.22	120.61 5.61 -42.09	115.73 5.95 -35.41	117.95 5.66 -39.78	129.57 5.97 -50.79	125.23 5.89 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT2_4 24097	85.29 3.83 -9.14	81.97 3.99 -5.36	80.85 3.25 -5.43	80.91 3.25 -5.42	83.82 3.18 -8.32	81.24 3.54 -5.45	97.49 4.90 -9.53	157.41 8.69 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.11 8.09 -15.95	123.18 6.81 -29.02	126.89 5.69 -48.22	120.61 5.61 -42.09	115.73 5.95 -35.41	117.95 5.66 -39.78	129.57 5.97 -50.79	125.23 5.89 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT3_1 24098	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT3_2 24099	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT3_3 24100	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT3_4 24101	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT4_1 24102	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT4_2 24103	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT4_3 24104	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94

ASTORIA_GT4_4 24105	85.29 3.83 -9.14	81.97 3.99 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.27 8.55 -8.59	152.40 8.98 -9.42	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.99 -15.95	123.18 6.81 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	82.48 5.36 -4.69	79.17 5.05 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
ASTORIA_GT_1 23523	85.43 3.97 -9.14	82.11 4.14 -5.36	80.92 3.32 -5.43	81.06 3.40 -5.42	84.11 3.47 -8.32	81.31 3.61 -5.45	97.65 5.07 -9.53	157.70 8.98 -8.59	152.65 9.24 -9.41	130.02 7.79 -23.64	132.55 7.97 -16.86	129.32 8.30 -15.95	123.36 6.99 -29.02	127.04 5.84 -48.22	120.75 5.76 -42.09	115.80 6.02 -35.41	118.02 5.73 -39.78	129.64 6.04 -50.79	125.31 5.97 -46.60	115.45 5.73 -37.21	95.59 5.50 -17.65	79.31 5.19 -2.97	71.49 4.92 -0.01	67.60 4.36 -0.95
ASTORIA_GT_10 24110	85.00 3.54 -9.14	81.75 3.78 -5.36	80.70 3.10 -5.43	80.77 3.11 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.69 8.97 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.37 6.99 -29.04	127.05 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.11 5.80 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.47 5.73 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
ASTORIA_GT_11 24225	85.00 3.54 -9.14	81.75 3.78 -5.36	80.70 3.10 -5.43	80.77 3.11 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.69 8.97 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.37 6.99 -29.04	127.05 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.11 5.80 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.47 5.73 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
ASTORIA_GT_12 24226	85.00 3.54 -9.14	81.75 3.78 -5.36	80.70 3.10 -5.43	80.77 3.11 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.69 8.97 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.37 6.99 -29.04	127.05 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.11 5.80 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.47 5.73 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
ASTORIA_GT_13 24227	85.00 3.54 -9.14	81.75 3.78 -5.36	80.70 3.10 -5.43	80.77 3.11 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.69 8.97 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.37 6.99 -29.04	127.05 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.11 5.80 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.47 5.73 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
ASTORIA_GT_5 24106	85.43 3.98 -9.14	82.11 4.14 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.89 3.25 -8.32	81.31 3.61 -5.45	97.65 5.07 -9.53	157.55 8.83 -8.59	152.67 9.25 -9.42	130.02 7.79 -23.64	132.56 7.97 -16.86	129.32 8.30 -15.95	123.36 6.99 -29.02	127.04 5.84 -48.22	120.76 5.76 -42.09	115.88 6.10 -35.41	118.03 5.73 -39.78	129.72 6.12 -50.79	125.31 5.96 -46.60	115.45 5.73 -37.21	82.63 5.50 -4.69	79.31 5.19 -2.97	71.48 4.93 0.00	67.66 4.42 -0.94
ASTORIA_GT_7 24107	85.43 3.98 -9.14	82.11 4.14 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.89 3.25 -8.32	81.31 3.61 -5.45	97.65 5.07 -9.53	157.55 8.83 -8.59	152.67 9.25 -9.42	130.02 7.79 -23.64	132.56 7.97 -16.86	129.32 8.30 -15.95	123.36 6.99 -29.02	127.04 5.84 -48.22	120.76 5.76 -42.09	115.88 6.10 -35.41	118.03 5.73 -39.78	129.72 6.12 -50.79	125.31 5.96 -46.60	115.45 5.73 -37.21	82.63 5.50 -4.69	79.31 5.19 -2.97	71.48 4.93 0.00	67.66 4.42 -0.94
ASTORIA_GT_8 24108	85.43 3.98 -9.14	82.11 4.14 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.89 3.25 -8.32	81.31 3.61 -5.45	97.65 5.07 -9.53	157.55 8.83 -8.59	152.67 9.25 -9.42	130.02 7.79 -23.64	132.56 7.97 -16.86	129.32 8.30 -15.95	123.36 6.99 -29.02	127.04 5.84 -48.22	120.76 5.76 -42.09	115.88 6.10 -35.41	118.03 5.73 -39.78	129.72 6.12 -50.79	125.31 5.96 -46.60	115.45 5.73 -37.21	82.63 5.50 -4.69	79.31 5.19 -2.97	71.48 4.93 0.00	67.66 4.42 -0.94
ASTORIA___2 24149	85.22 3.76 -9.14	81.96 3.99 -5.36	80.77 3.17 -5.43	80.91 3.25 -5.42	83.97 3.33 -8.32	81.16 3.47 -5.45	97.40 4.82 -9.52	157.28 8.55 -8.59	152.40 8.98 -9.41	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.98 -15.95	123.19 6.82 -29.02	126.82 5.62 -48.22	120.61 5.61 -42.09	115.66 5.87 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.31 5.58 -37.21	95.45 5.36 -17.65	79.17 5.05 -2.97	71.36 4.79 -0.01	67.54 4.30 -0.95
ASTORIA___3 23516	85.00 3.54 -9.14	81.75 3.77 -5.36	80.70 3.10 -5.43	80.84 3.17 -5.42	83.90 3.26 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.70 8.98 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.38 6.99 -29.04	127.06 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.12 5.80 -39.80	129.73 6.12 -50.81	125.39 6.03 -46.62	115.47 5.73 -37.23	95.60 5.50 -17.66	79.09 4.98 -2.97	71.42 4.86 -0.01	67.48 4.24 -0.95
ASTORIA___4 23517	85.00 3.54 -9.14	81.75 3.78 -5.36	80.70 3.10 -5.43	80.77 3.11 -5.42	83.75 3.11 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.69 8.97 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.37 6.99 -29.04	127.05 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.11 5.80 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.47 5.73 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
ASTORIA___5 23518	85.00 3.54 -9.14	81.75 3.77 -5.36	80.70 3.10 -5.43	80.84 3.17 -5.42	83.90 3.26 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.70 8.98 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.38 6.99 -29.04	127.06 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.12 5.80 -39.80	129.73 6.12 -50.81	125.39 6.03 -46.62	115.47 5.73 -37.23	95.60 5.50 -17.66	79.09 4.98 -2.97	71.42 4.86 -0.01	67.48 4.24 -0.95
AST_ENERGY_2_CC3 323677	84.56 3.11 -9.14	81.32 3.34 -5.36	80.34 2.74 -5.43	80.48 2.81 -5.42	83.53 2.90 -8.32	80.73 3.03 -5.45	96.59 4.40 -9.13	156.71 7.98 -8.59	151.87 8.45 -9.42	129.43 7.19 -23.65	131.92 7.33 -16.87	128.69 7.67 -15.96	122.84 6.46 -29.03	126.53 5.32 -48.22	120.25 5.25 -42.09	115.37 5.58 -35.42	117.59 5.29 -39.79	129.21 5.61 -50.80	124.87 5.53 -46.61	114.96 5.22 -37.22	95.09 4.99 -17.66	78.59 4.49 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
AST_ENERGY_2_CC4 323678	84.56 3.11 -9.14	81.32 3.34 -5.36	80.34 2.74 -5.43	80.48 2.81 -5.42	83.53 2.90 -8.32	80.73 3.03 -5.45	96.59 4.40 -9.13	156.71 7.98 -8.59	151.87 8.45 -9.42	129.43 7.19 -23.65	131.92 7.33 -16.87	128.69 7.67 -15.96	122.84 6.46 -29.03	126.53 5.32 -48.22	120.25 5.25 -42.09	115.37 5.58 -35.42	117.59 5.29 -39.79	129.21 5.61 -50.80	124.87 5.53 -46.61	114.96 5.22 -37.22	95.09 4.99 -17.66	78.59 4.49 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94

ATHENS_STG_1 23668	81.74 2.53 -6.89	79.56 2.91 -4.04	78.86 2.59 -4.10	78.92 2.60 -4.09	81.27 2.68 -6.27	78.88 2.53 -4.11	93.18 3.24 -6.89	151.80 5.19 -6.48	146.60 5.50 -7.10	124.59 4.54 -21.46	128.81 4.73 -16.35	125.70 4.94 -15.70	121.49 4.11 -30.03	128.84 3.50 -52.36	122.50 3.43 -46.16	116.71 3.50 -38.84	119.33 3.34 -43.48	132.01 3.49 -55.71	127.27 3.42 -51.11	116.35 3.34 -40.50	94.53 3.26 -18.83	76.37 2.99 -2.23	69.35 2.79 0.00	65.50 2.49 -0.71
ATHENS_STG_2 23670	81.74 2.53 -6.89	79.56 2.91 -4.04	78.86 2.59 -4.10	78.92 2.60 -4.09	81.27 2.68 -6.27	78.88 2.53 -4.11	93.18 3.24 -6.89	151.80 5.19 -6.48	146.60 5.50 -7.10	124.59 4.54 -21.46	128.81 4.73 -16.35	125.70 4.94 -15.70	121.49 4.11 -30.03	128.84 3.50 -52.36	122.50 3.43 -46.16	116.71 3.50 -38.84	119.33 3.34 -43.48	132.01 3.49 -55.71	127.27 3.42 -51.11	116.35 3.34 -40.50	94.53 3.26 -18.83	76.37 2.99 -2.23	69.35 2.79 0.00	65.50 2.49 -0.71
ATHENS_STG_3 23677	81.74 2.53 -6.89	79.56 2.91 -4.04	78.86 2.59 -4.10	78.92 2.60 -4.09	81.27 2.68 -6.27	78.88 2.53 -4.11	93.18 3.24 -6.89	151.80 5.19 -6.48	146.60 5.50 -7.10	124.59 4.54 -21.46	128.81 4.73 -16.35	125.70 4.94 -15.70	121.49 4.11 -30.03	128.84 3.50 -52.36	122.50 3.43 -46.16	116.71 3.50 -38.84	119.33 3.34 -43.48	132.01 3.49 -55.71	127.27 3.42 -51.11	116.35 3.34 -40.50	94.53 3.26 -18.83	76.37 2.99 -2.23	69.35 2.79 0.00	65.50 2.49 -0.71
AUBURN___LFGE 323710	71.60 -0.72 0.00	71.74 -0.87 0.00	71.08 -1.08 0.00	71.01 -1.23 0.00	71.45 -0.87 0.00	71.53 -0.72 0.00	82.06 -1.00 0.00	136.19 -2.94 1.00	130.85 -2.55 0.62	99.79 -1.28 -2.48	108.16 -2.05 -2.49	105.56 -2.00 -2.49	90.82 -1.40 -4.87	79.55 -0.80 -7.37	79.11 -0.95 -7.15	79.70 -1.12 -6.44	78.22 -1.38 -7.09	81.04 -1.02 -9.25	80.13 -1.09 -8.48	77.17 -1.31 -5.96	71.87 -1.38 -0.81	69.59 -1.57 -0.01	65.22 -1.33 0.00	60.92 -1.37 0.00
BABYLON_RES_REC 323704	138.04 5.57 -60.15	124.25 5.81 -45.82	123.63 5.27 -46.20	116.98 5.27 -39.47	122.84 5.35 -45.17	142.91 5.56 -65.10	149.72 7.22 -59.44	161.47 12.75 -8.59	173.83 13.27 -26.56	162.70 10.65 -53.46	151.88 10.88 -33.28	150.68 11.03 -34.59	148.44 9.17 -51.92	148.48 7.73 -67.77	144.23 7.65 -63.67	144.82 8.03 -62.42	149.94 7.83 -69.60	169.65 8.08 -88.76	166.99 8.00 -86.25	161.25 7.83 -80.90	144.61 7.46 -64.72	126.56 6.83 -48.58	108.20 6.39 -35.26	90.26 5.54 -22.42
BABYLON__69_KV_BK2 356345	138.98 6.51 -60.15	125.12 6.68 -45.82	124.57 6.21 -46.20	117.78 6.07 -39.47	123.63 6.15 -45.17	143.78 6.43 -65.10	150.86 8.39 -59.42	163.02 14.29 -8.60	176.97 14.74 -28.23	164.99 11.73 -54.67	153.18 12.17 -33.29	151.95 12.29 -34.59	149.58 10.31 -51.93	149.37 8.61 -67.77	145.19 8.60 -63.67	145.72 8.92 -62.42	150.74 8.63 -69.60	181.35 8.96 -99.58	178.69 8.87 -97.08	172.31 8.63 -91.17	132.59 8.40 -51.76	127.49 7.76 -48.58	108.93 7.12 -35.26	90.94 6.23 -22.42
BALL_HILL_WT_PWR 323825	69.50 -2.82 0.00	69.06 -3.56 0.00	68.13 -4.04 0.00	68.19 -4.04 0.00	68.34 -3.98 0.00	68.64 -3.61 0.00	76.91 -6.15 0.00	119.67 -15.84 4.62	116.01 -15.14 2.85	92.27 -9.46 -3.15	98.78 -12.06 -3.13	96.67 -11.56 -3.16	81.94 -9.61 -4.20	73.59 -7.59 -8.20	69.89 -7.88 -4.86	69.06 -8.10 -2.80	66.52 -8.78 -2.79	68.44 -8.37 -4.00	68.05 -8.36 -3.67	63.71 -8.63 0.18	63.98 -8.62 -0.16	62.80 -8.32 0.02	59.76 -6.79 0.00	56.81 -5.48 0.00
BARON_WINDS___WT_PWR 323822	72.95 -2.10 -2.73	71.60 -2.61 -1.60	70.69 -3.10 -1.62	70.68 -3.18 -1.62	71.62 -3.18 -2.48	70.91 -2.97 -1.63	81.38 -4.40 -2.73	126.40 -11.35 2.39	123.30 -10.45 0.25	98.44 -6.60 -6.45	103.93 -8.19 -4.40	101.34 -7.88 -4.15	85.85 -6.37 -4.87	78.18 -5.03 -10.23	72.68 -5.17 -4.95	70.95 -5.36 -1.93	68.84 -5.58 -1.91	70.25 -5.31 -2.75	69.89 -5.38 -2.53	65.68 -5.73 1.10	66.64 -5.80 0.00	66.24 -5.76 -0.85	61.63 -4.92 0.00	58.28 -4.30 -0.28
BARRETT_IC_1 23704	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_10 23701	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -34.49	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_11 23702	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -34.49	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_12 23703	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -34.49	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_2 23705	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_3 23706	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_4 23707	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42

BARRETT_IC_5 23708	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_6 23709	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_7 23710	136.45 3.98 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.61 3.90 -39.47	121.46 3.98 -45.17	141.54 4.19 -65.10	150.14 4.65 -62.43	157.13 8.41 -8.59	169.54 8.98 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.44 5.69 -67.77	142.19 5.61 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.47 5.90 -88.76	164.81 5.82 -86.25	158.93 5.51 -80.90	129.54 5.36 -51.75	124.57 4.84 -48.58	106.60 4.79 -35.26	89.08 4.36 -22.42
BARRETT_IC_8 23711	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT_IC_9 23700	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	122.19 4.65 -34.49	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT___1 23545	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	150.13 4.65 -62.43	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BARRETT___2 23546	136.45 3.97 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.75 4.04 -39.47	121.53 4.05 -45.17	141.53 4.19 -65.10	122.19 4.65 -34.49	157.13 8.41 -8.59	169.68 9.12 -26.56	159.64 7.59 -53.46	148.86 7.86 -33.28	147.74 8.09 -34.59	146.00 6.73 -51.92	146.37 5.62 -67.77	142.12 5.54 -63.67	142.59 5.80 -62.42	147.69 5.58 -69.60	167.40 5.83 -88.76	164.81 5.82 -86.25	158.92 5.51 -80.90	142.51 5.36 -64.72	124.50 4.77 -48.58	106.60 4.79 -35.26	89.07 4.36 -22.42
BATAVIA__115KV_TB1 55881	70.01 -2.31 0.00	69.64 -2.98 0.00	68.77 -3.39 0.00	68.26 -3.97 0.00	69.14 -3.18 0.00	69.57 -2.67 0.00	77.91 -5.15 0.00	122.46 -13.17 4.50	118.63 -12.60 2.78	93.64 -7.69 -2.74	100.21 -10.23 -2.73	97.94 -9.88 -2.75	83.33 -7.86 -3.84	74.75 -5.55 -7.31	71.94 -5.61 -4.65	71.45 -5.88 -2.96	68.56 -6.89 -2.93	70.79 -6.26 -4.24	70.45 -6.18 -3.89	65.32 -7.18 0.02	63.23 -7.24 1.96	64.52 -6.62 0.01	61.16 -5.39 0.00	57.62 -4.67 0.00
BAYONEEC___CTG1 323682	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG10 323750	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG2 323683	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG3 323684	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG4 323685	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG5 323686	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG6 323687	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94

BAYONEEC___CTG7 323688	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG8 323689	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BAYONEEC___CTG9 323749	84.24 3.11 -8.81	78.14 3.34 -2.18	80.41 2.81 -5.43	80.55 2.89 -5.42	80.16 2.90 -4.94	80.40 3.10 -5.05	81.36 4.48 6.18	148.12 7.98 -0.01	135.55 8.58 7.04	113.84 7.30 -7.96	113.33 7.43 1.82	110.93 7.67 1.80	105.17 6.46 -11.36	108.95 5.40 -30.57	102.82 5.32 -24.60	97.95 5.58 -18.00	99.91 5.37 -22.04	106.67 5.61 -28.25	99.95 5.53 -21.69	97.52 5.29 -19.72	80.47 5.07 -2.97	75.27 4.49 0.36	70.95 4.39 0.00	67.03 3.80 -0.94
BEACON___LESR 323632	121.64 3.61 -45.71	103.27 3.85 -26.81	102.95 3.61 -27.17	103.05 3.68 -27.13	117.62 3.69 -41.62	103.25 3.75 -27.25	132.82 4.07 -45.70	189.28 6.16 -42.98	187.41 6.30 -47.10	181.66 5.12 -77.95	157.15 5.38 -44.05	149.76 5.56 -39.13	147.03 4.63 -55.05	141.37 3.87 -64.53	128.21 4.01 -51.29	121.25 3.72 -43.16	126.25 3.48 -50.26	138.06 3.35 -61.90	132.95 3.42 -56.79	124.81 3.48 -48.82	103.03 3.26 -27.33	89.16 3.20 -14.81	69.62 3.06 0.00	70.17 3.18 -4.70
BEAVER RIVER___HYD 24048	74.63 2.31 0.00	74.65 2.03 0.00	74.18 2.02 0.00	74.19 1.95 0.00	74.34 2.02 0.00	74.63 2.38 0.00	85.21 2.16 0.00	142.16 2.38 0.35	135.93 2.14 0.22	100.75 2.17 0.00	110.30 2.58 0.00	107.49 2.42 0.00	89.86 1.92 -0.59	76.98 2.04 -1.95	76.77 1.97 -1.89	77.82 1.86 -1.59	75.86 1.67 -1.68	76.91 1.82 -2.28	76.65 1.82 -2.09	75.53 1.74 -1.28	74.62 1.74 -0.45	72.57 1.42 0.00	67.75 1.20 0.00	63.42 1.12 0.00
BEEBEE_GT_13 23619	70.01 -2.31 0.00	69.86 -2.76 0.00	69.21 -2.96 0.00	68.84 -3.40 0.00	69.57 -2.75 0.00	69.79 -2.46 0.00	78.90 -4.15 0.00	125.77 -9.95 4.42	121.64 -9.65 2.72	95.35 -5.62 -2.38	102.77 -7.32 -2.37	100.42 -7.04 -2.40	85.53 -5.33 -3.51	76.07 -3.43 -6.52	73.68 -3.65 -4.42	72.92 -4.46 -3.01	70.19 -5.29 -2.97	72.32 -4.81 -4.31	71.89 -4.80 -3.96	67.20 -5.37 -0.05	65.24 -5.43 1.76	66.09 -5.05 0.01	62.36 -4.19 0.00	58.49 -3.80 0.00
BENSHRST_27_KV_BENSHRST_1 355998	85.29 3.83 -9.14	81.97 3.99 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.97 3.33 -8.32	81.31 3.61 -5.45	97.51 5.32 -9.13	158.54 9.81 -8.59	153.74 10.32 -9.42	130.92 8.68 -23.66	133.43 8.83 -16.88	130.28 9.25 -15.97	124.07 7.69 -29.04	127.64 6.42 -48.23	121.35 6.34 -42.10	116.49 6.69 -35.43	118.77 6.45 -39.80	130.53 6.92 -50.81	126.19 6.84 -46.62	116.19 6.45 -37.23	83.35 6.23 -4.69	79.66 5.55 -2.97	71.88 5.32 0.00	67.84 4.61 -0.94
BETHLEHEM___GRP 23843	120.11 2.31 -45.47	101.90 2.61 -26.67	101.65 2.45 -27.03	101.61 2.38 -26.99	116.18 2.46 -41.40	101.74 2.38 -27.11	130.92 2.41 -45.46	186.26 3.36 -42.76	184.35 3.48 -46.86	179.27 3.06 -77.62	154.85 3.23 -43.90	147.53 3.47 -39.00	145.26 2.97 -54.94	140.07 2.55 -64.53	126.94 2.70 -51.34	119.87 2.31 -43.20	124.90 2.10 -50.29	136.65 1.89 -61.95	131.54 1.96 -56.84	123.52 2.18 -48.83	85.95 2.03 -11.49	87.87 1.99 -14.73	68.48 1.93 0.00	69.15 2.18 -4.68
BETHLEHEM___GS1 323560	120.11 2.31 -45.47	101.89 2.61 -26.67	101.65 2.46 -27.03	101.68 2.46 -26.99	116.18 2.46 -41.40	101.74 2.38 -27.11	130.93 2.41 -45.46	186.25 3.36 -42.76	184.49 3.62 -46.86	179.27 3.06 -77.62	154.85 3.23 -43.90	147.53 3.46 -39.00	145.26 2.97 -54.94	140.07 2.55 -64.53	126.94 2.70 -51.34	119.87 2.31 -43.20	124.90 2.10 -50.29	136.65 1.89 -61.95	131.55 1.96 -56.84	123.52 2.17 -48.83	101.77 2.03 -27.31	87.87 1.99 -14.73	68.49 1.93 0.00	69.15 2.18 -4.68
BETHLEHEM___GS2 323561	120.11 2.31 -45.47	101.89 2.61 -26.67	101.65 2.46 -27.03	101.68 2.46 -26.99	116.18 2.46 -41.40	101.74 2.38 -27.11	130.93 2.41 -45.46	186.25 3.36 -42.76	184.49 3.62 -46.86	179.27 3.06 -77.62	154.85 3.23 -43.90	147.53 3.46 -39.00	145.26 2.97 -54.94	140.07 2.55 -64.53	126.94 2.70 -51.34	119.87 2.31 -43.20	124.90 2.10 -50.29	136.65 1.89 -61.95	131.55 1.96 -56.84	123.52 2.17 -48.83	101.77 2.03 -27.31	87.87 1.99 -14.73	68.49 1.93 0.00	69.15 2.18 -4.68
BETHLEHEM___GS3 323562	120.11 2.31 -45.47	101.89 2.61 -26.67	101.65 2.46 -27.03	101.68 2.46 -26.99	116.18 2.46 -41.40	101.74 2.38 -27.11	130.93 2.41 -45.46	186.25 3.36 -42.76	184.49 3.62 -46.86	179.27 3.06 -77.62	154.85 3.23 -43.90	147.53 3.46 -39.00	145.26 2.97 -54.94	140.07 2.55 -64.53	126.94 2.70 -51.34	119.87 2.31 -43.20	124.90 2.10 -50.29	136.65 1.89 -61.95	131.55 1.96 -56.84	123.52 2.17 -48.83	101.77 2.03 -27.31	87.87 1.99 -14.73	68.49 1.93 0.00	69.15 2.18 -4.68
BETHLEHEM___STEEL 23779	69.50 -2.82 0.00	69.06 -3.56 0.00	68.12 -4.04 0.00	67.40 -4.84 0.00	68.34 -3.98 0.00	68.56 -3.68 0.00	76.83 -6.23 0.00	119.69 -15.84 4.61	116.15 -15.01 2.84	92.27 -9.46 -3.14	98.67 -12.17 -3.12	96.56 -11.66 -3.16	81.86 -9.70 -4.21	73.44 -7.74 -8.20	69.85 -7.95 -4.88	69.03 -8.18 -2.84	66.64 -8.70 -2.83	68.49 -8.37 -4.05	68.10 -8.36 -3.72	63.76 -8.63 0.13	61.68 -8.55 2.21	62.88 -8.25 0.02	59.77 -6.79 0.00	56.56 -5.73 0.00
BETHLHEM_115KV_TB1 79974	117.68 2.31 -43.05	100.47 2.61 -25.24	100.21 2.45 -25.59	100.17 2.38 -25.55	113.90 2.39 -39.19	100.30 2.38 -25.66	128.50 2.41 -43.03	184.12 3.50 -40.48	182.12 3.75 -44.36	175.90 3.15 -74.16	153.30 3.34 -42.24	146.24 3.57 -37.61	143.94 3.06 -53.53	139.69 2.63 -64.08	126.98 2.77 -51.29	119.91 2.38 -43.16	124.88 2.25 -50.12	136.75 2.04 -61.90	131.65 2.11 -56.80	123.31 2.25 -48.55	85.61 2.10 -11.08	87.16 2.06 -13.95	68.55 2.00 0.00	68.90 2.18 -4.43
BETHPAGE_CC_5 323564	137.11 4.63 -60.15	123.23 4.79 -45.82	122.70 4.33 -46.20	116.04 4.33 -39.47	121.90 4.41 -45.17	141.97 4.63 -65.10	148.68 6.06 -59.56	159.51 10.79 -8.59	172.09 11.53 -26.56	161.31 9.26 -53.46	150.58 9.58 -33.28	149.31 9.66 -34.59	147.40 8.12 -51.92	147.54 6.79 -67.77	143.28 6.70 -63.67	143.86 7.07 -62.42	148.92 6.81 -69.60	168.71 7.14 -88.76	166.05 7.05 -86.25	160.31 6.89 -80.90	143.67 6.52 -64.72	125.63 5.90 -48.58	107.33 5.52 -35.26	89.51 4.80 -22.42
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	69.64 -2.68 0.00	69.20 -3.41 0.00	68.27 -3.90 0.00	67.54 -4.70 0.00	68.41 -3.91 0.00	68.71 -3.54 0.00	76.99 -6.06 0.00	120.11 -15.41 4.61	116.56 -14.61 2.84	92.60 -9.17 -3.18	99.03 -11.85 -3.16	96.92 -11.35 -3.20	81.99 -9.61 -4.25	73.46 -7.81 -8.29	69.74 -8.09 -4.92	69.03 -8.18 -2.84	66.87 -8.48 -2.84	68.64 -8.23 -4.06	68.25 -8.22 -3.73	64.06 -8.34 0.12	61.88 -8.33 2.22	63.02 -8.11 0.02	59.83 -6.72 0.00	56.63 -5.67 0.00

BINGHAMTON___COGEN 23790	76.46 -0.07 -4.21	74.94 -0.15 -2.47	74.31 -0.36 -2.50	74.16 -0.58 -2.50	75.87 -0.29 -3.84	74.54 -0.22 -2.51	86.85 -0.42 -4.21	139.93 -2.10 -1.90	135.33 -1.74 -3.07	107.75 -0.59 -9.75	113.05 -1.29 -6.62	110.11 -1.16 -6.20	96.33 -0.96 -9.94	88.31 -0.73 -16.05	84.86 -0.80 -12.75	83.69 -0.82 -10.13	82.87 -0.94 -11.30	86.61 -0.73 -14.53	85.27 -0.80 -13.33	80.97 -0.94 -9.40	71.81 -1.01 -0.39	71.29 -1.21 -1.36	65.56 -1.00 0.00	61.79 -0.93 -0.43
BIXINCNT_115KV_LOAD 355685	71.01 -3.54 -2.23	69.49 -4.43 -1.31	68.22 -5.27 -1.33	67.13 -6.43 -1.32	68.57 -5.79 -2.03	68.16 -5.42 -1.33	77.48 -7.81 -2.23	120.50 -17.10 2.54	117.23 -16.21 0.56	93.11 -10.75 -5.27	97.85 -13.46 -3.59	95.63 -12.82 -3.39	80.85 -10.92 -4.42	72.27 -9.41 -8.70	67.80 -10.13 -5.03	67.27 -9.89 -2.80	65.45 -9.86 -2.80	66.68 -10.12 -3.99	66.15 -10.26 -3.67	62.36 -10.01 0.15	60.18 -9.92 2.33	61.89 -9.96 -0.70	57.90 -8.65 0.00	55.05 -7.48 -0.23
BLACK RIVER___HYD 24047	75.14 2.82 0.00	75.16 2.54 0.00	74.62 2.46 0.00	74.62 2.38 0.00	74.78 2.46 0.00	75.21 2.96 0.00	86.04 2.99 0.00	144.33 4.20 0.00	138.02 4.02 0.00	101.94 3.35 0.00	111.38 3.66 0.00	108.43 3.36 -0.01	91.06 2.88 -0.83	78.51 2.77 -2.75	78.27 2.70 -2.66	79.21 2.60 -2.24	77.26 2.32 -2.42	78.64 2.62 -3.21	78.38 2.69 -2.95	77.16 2.47 -2.18	75.64 2.39 -0.82	73.07 1.92 0.00	68.15 1.59 0.00	63.73 1.43 0.00
BLACKRVR_115KV_TB2 79977	75.14 2.82 0.00	75.16 2.54 0.00	74.62 2.45 0.00	74.55 2.31 0.00	74.78 2.46 0.00	75.21 2.96 0.00	86.04 2.99 0.00	144.34 4.20 0.00	138.03 4.02 0.00	101.94 3.35 0.00	111.38 3.66 0.00	108.43 3.36 -0.01	90.98 2.80 -0.83	78.51 2.77 -2.75	78.27 2.70 -2.66	79.21 2.60 -2.24	77.26 2.32 -2.42	78.64 2.62 -3.21	78.38 2.69 -2.95	77.15 2.47 -2.18	74.82 2.39 0.00	73.07 1.92 0.00	68.15 1.60 0.00	63.73 1.43 0.00
BLISS_WT_PWR 323608	70.50 -4.05 -2.23	68.98 -4.94 -1.31	67.65 -5.84 -1.33	67.13 -6.43 -1.32	67.84 -6.51 -2.03	67.36 -6.21 -1.33	76.73 -8.55 -2.23	118.96 -18.64 2.54	115.62 -17.82 0.56	92.32 -11.53 -5.27	96.88 -14.43 -3.59	94.80 -13.66 -3.39	80.16 -11.62 -4.42	71.69 -10.00 -8.70	67.08 -10.86 -5.03	66.38 -10.78 -2.80	64.44 -10.88 -2.80	65.45 -11.36 -3.99	64.99 -11.42 -3.67	61.34 -11.02 0.15	61.65 -11.01 -0.22	61.04 -10.81 -0.70	57.10 -9.45 0.00	54.73 -7.79 -0.23
BLUESTONE___WT_PWR 323821	84.42 4.41 -7.69	81.41 4.28 -4.51	80.56 3.82 -4.57	80.56 3.75 -4.57	83.08 3.76 -7.00	80.81 3.97 -4.59	95.31 4.57 -7.69	153.80 6.86 -6.80	148.77 7.10 -7.67	119.79 5.72 -15.48	123.32 5.81 -9.79	119.70 5.67 -8.96	106.49 4.80 -14.34	95.79 4.16 -18.65	93.42 3.93 -16.57	93.12 4.16 -14.59	92.91 3.84 -16.55	98.03 4.29 -20.93	95.94 4.00 -19.20	91.65 3.70 -15.44	83.73 3.48 -7.82	76.50 2.85 -2.50	69.08 2.53 0.00	65.26 2.18 -0.79
BLUE_CIRC_CHEM_DRP 24182	113.52 5.13 -36.06	99.14 5.37 -21.15	98.87 5.27 -21.44	98.77 5.13 -21.40	110.29 5.13 -32.83	98.95 5.20 -21.50	124.59 5.48 -36.05	182.03 7.99 -33.91	178.94 7.77 -37.16	168.53 6.01 -63.93	151.37 6.46 -37.19	145.01 6.62 -33.32	141.73 5.50 -48.88	139.09 4.52 -61.59	127.60 4.59 -50.09	120.91 4.39 -42.15	125.36 4.21 -48.64	137.41 4.15 -60.45	132.35 4.15 -55.47	123.54 4.21 -46.82	86.23 3.98 -9.81	86.81 3.98 -11.68	70.75 4.19 0.00	70.05 4.05 -3.71
BOC_GAS_DRP 24189	103.91 2.02 -29.56	92.35 2.40 -17.34	91.90 2.16 -17.57	91.88 2.09 -17.55	101.40 2.17 -26.91	91.97 2.10 -17.62	115.02 2.41 -29.55	171.58 3.64 -27.80	168.22 3.75 -30.46	156.77 3.25 -54.92	144.17 3.45 -33.00	138.49 3.57 -29.86	136.12 3.06 -45.71	137.12 2.55 -61.58	126.61 2.62 -51.07	119.87 2.53 -42.97	124.06 2.32 -49.22	136.77 2.33 -61.63	131.62 2.33 -56.55	121.91 2.39 -47.01	83.46 2.25 -8.79	82.86 2.13 -9.58	68.62 2.06 0.00	67.27 1.93 -3.04
BOONVILLE_115KV_TB1 79983	75.07 2.75 0.00	75.30 2.69 0.00	74.69 2.53 0.00	74.69 2.46 0.00	74.85 2.53 0.00	75.07 2.82 0.00	86.04 2.99 0.00	143.66 4.06 0.54	137.69 4.02 0.33	102.14 3.55 0.00	111.60 3.88 0.00	108.75 3.68 0.00	90.90 3.06 -0.49	77.39 2.77 -1.63	77.19 2.70 -1.58	78.37 2.68 -1.33	76.35 2.47 -1.38	77.34 2.62 -1.90	77.10 2.62 -1.75	75.94 2.54 -0.89	74.69 2.46 0.21	73.28 2.13 0.00	68.48 1.93 0.00	63.98 1.68 0.00
BORALEX_4TH_BRANCH 23824	145.87 4.70 -68.85	117.93 4.94 -40.38	117.71 4.62 -40.93	117.65 4.55 -40.86	139.70 4.70 -62.68	117.99 4.70 -41.05	157.61 5.73 -68.83	214.12 9.25 -64.74	214.20 9.25 -70.95	216.78 7.30 -110.89	175.31 7.76 -59.84	165.20 7.77 -52.36	162.06 6.46 -68.24	146.65 5.40 -68.26	129.39 5.32 -51.16	122.92 5.50 -43.05	129.21 5.37 -51.33	140.01 5.46 -61.74	134.84 5.46 -56.65	128.99 5.44 -51.04	93.30 5.43 -15.43	98.57 5.12 -22.30	71.35 4.79 0.00	73.73 4.36 -7.08
BOWLINE___1 23526	83.61 2.46 -8.83	80.48 2.69 -5.18	79.72 2.31 -5.25	79.86 2.38 -5.24	82.74 2.38 -8.04	80.04 2.53 -5.26	95.45 3.57 -8.83	154.75 6.31 -8.30	149.80 6.70 -9.10	127.20 5.72 -22.89	129.88 5.81 -16.35	126.62 6.09 -15.46	120.56 5.06 -28.14	123.98 4.23 -46.77	117.96 4.23 -40.83	113.11 4.39 -34.35	115.31 4.20 -38.59	126.52 4.44 -49.27	122.31 4.36 -45.21	112.74 4.13 -36.10	93.54 3.98 -17.12	77.56 3.56 -2.86	69.95 3.39 0.00	66.07 2.87 -0.91
BOWLINE___2 23595	83.75 2.60 -8.83	80.62 2.83 -5.18	79.79 2.38 -5.25	79.94 2.46 -5.24	82.82 2.46 -8.04	80.11 2.60 -5.26	95.53 3.65 -8.83	154.89 6.45 -8.30	150.07 6.96 -9.10	127.40 5.91 -22.90	129.99 5.92 -16.35	126.73 6.20 -15.47	120.73 5.24 -28.14	124.14 4.38 -46.78	118.04 4.30 -40.83	113.26 4.54 -34.36	115.46 4.35 -38.60	126.67 4.59 -49.27	122.46 4.51 -45.21	112.89 4.28 -36.10	93.69 4.13 -17.13	77.63 3.63 -2.86	70.01 3.46 0.00	66.13 2.93 -0.91
BRADY___115KV_TB2 356060	73.84 1.52 0.00	73.78 1.16 0.00	73.90 1.73 0.00	74.12 1.88 0.00	73.84 1.52 0.00	73.84 1.59 0.00	84.30 1.25 0.00	142.94 2.80 0.00	136.02 2.01 0.00	98.98 0.39 0.00	108.90 1.18 0.00	105.80 0.74 0.00	87.61 0.26 0.00	73.13 0.15 0.00	73.06 0.15 0.00	74.59 0.22 0.00	73.02 0.51 0.00	73.03 0.22 0.00	73.03 0.29 0.00	72.88 0.36 0.00	72.87 0.43 0.00	71.79 0.64 0.00	67.09 0.53 0.00	62.98 0.69 0.00
BRANSCOMB___SOLAR 323811	170.11 5.14 -92.66	132.19 5.23 -54.34	132.30 5.05 -55.09	132.36 5.13 -54.99	161.81 5.14 -84.36	132.05 4.55 -55.24	181.17 5.48 -92.63	236.24 8.98 -87.13	238.34 8.84 -95.49	250.51 6.80 -145.12	191.45 7.33 -76.41	178.72 7.35 -66.31	175.98 5.94 -82.68	151.86 4.89 -73.99	130.47 4.81 -52.75	123.74 4.98 -44.38	131.48 4.93 -54.03	141.42 4.95 -63.65	136.09 4.95 -58.41	132.09 4.78 -54.79	113.53 5.28 -35.81	106.22 5.05 -30.02	71.35 4.79 0.00	76.18 4.36 -9.53
BRENTWOD_69_KV_W. BRTWOOD 56703	138.69 6.22 -60.15	124.90 6.46 -45.82	124.36 5.99 -46.20	117.63 5.92 -39.47	123.49 6.00 -45.17	143.63 6.29 -65.10	150.53 8.14 -59.33	162.32 13.59 -8.60	176.18 13.94 -28.23	164.31 11.04 -54.68	152.53 11.53 -33.29	151.32 11.66 -34.59	149.06 9.78 -51.93	148.93 8.17 -67.77	144.82 8.24 -63.67	145.35 8.55 -62.42	150.23 8.12 -69.60	180.88 8.45 -99.63	178.22 8.36 -97.12	171.77 8.05 -91.21	132.16 7.97 -51.76	127.20 7.47 -48.58	108.73 6.92 -35.26	90.82 6.10 -22.42

BRISTLHL_115KV_TB1 79998	70.15 -2.17 0.00	70.36 -2.25 0.00	69.78 -2.38 0.00	69.78 -2.46 0.00	70.08 -2.24 0.00	70.08 -2.17 0.00	80.40 -2.66 0.00	135.28 -5.33 -0.47	129.47 -4.82 -0.29	95.53 -3.06 0.00	103.95 -3.77 0.00	101.40 -3.68 -0.01	85.86 -2.80 -1.31	75.20 -2.12 -4.34	74.91 -2.19 -4.19	75.51 -2.38 -3.52	73.77 -2.61 -3.87	75.46 -2.40 -5.05	74.97 -2.40 -4.64	73.68 -2.61 -3.78	69.94 -2.68 -0.18	68.44 -2.70 0.00	64.09 -2.46 0.00	60.05 -2.24 0.00
BROOKHAVEN___DRP 24191	138.84 6.36 -60.15	124.97 6.54 -45.82	124.43 6.06 -46.20	117.63 5.92 -39.47	123.49 6.00 -45.17	143.56 6.21 -65.10	150.48 8.14 -59.28	162.63 13.87 -8.62	183.78 14.07 -35.70	169.94 11.24 -60.11	152.56 11.53 -33.31	151.34 11.66 -34.62	149.00 9.70 -51.95	148.95 8.17 -67.80	144.78 8.17 -63.70	145.37 8.55 -62.45	150.33 8.19 -69.63	229.31 8.52 -147.98	226.66 8.44 -145.49	217.80 8.19 -137.10	132.25 8.04 -51.78	127.13 7.40 -48.58	108.53 6.72 -35.26	90.63 5.92 -22.42
BROOKLYN_NAVY_YARD 23515	84.56 3.11 -9.14	81.32 3.34 -5.36	80.34 2.74 -5.43	80.48 2.81 -5.42	83.53 2.90 -8.32	80.80 3.10 -5.45	97.26 4.48 -9.73	156.85 8.12 -8.59	152.13 8.71 -9.42	129.63 7.40 -23.65	132.13 7.54 -16.87	128.80 7.77 -15.96	122.93 6.55 -29.03	126.68 5.48 -48.22	120.40 5.40 -42.09	115.52 5.73 -35.42	117.74 5.44 -39.79	129.36 5.75 -50.80	125.02 5.68 -46.61	115.10 5.37 -37.22	95.24 5.14 -17.66	78.73 4.62 -2.96	71.01 4.46 0.00	67.03 3.80 -0.94
BROOKLYN___ARMY_DRP 323595	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
BROOKVLE_69_KV_TB1 55790	137.54 5.06 -60.15	123.67 5.23 -45.82	123.06 4.69 -46.20	116.33 4.62 -39.47	122.12 4.63 -45.17	142.26 4.91 -65.10	149.87 6.48 -60.33	160.21 11.49 -8.59	172.76 12.19 -26.56	162.00 9.96 -53.46	151.45 10.45 -33.28	150.16 10.51 -34.59	148.09 8.82 -51.92	148.12 7.37 -67.77	143.80 7.22 -63.67	144.30 7.51 -62.42	149.29 7.18 -69.60	169.07 7.50 -88.76	166.41 7.42 -86.25	160.59 7.18 -80.90	131.06 6.88 -51.75	125.92 6.19 -48.58	107.67 5.86 -35.26	89.76 5.05 -22.42
BROOME_2_LFGE 323671	76.46 -0.07 -4.21	74.94 -0.14 -2.47	74.31 -0.36 -2.50	74.38 -0.36 -2.50	75.87 -0.29 -3.84	74.54 -0.22 -2.51	86.77 -0.50 -4.21	139.78 -2.25 -1.90	135.33 -1.75 -3.07	107.75 -0.59 -9.75	113.05 -1.29 -6.62	110.11 -1.15 -6.20	96.33 -0.96 -9.94	88.31 -0.73 -16.05	84.86 -0.80 -12.75	83.62 -0.89 -10.13	82.80 -1.02 -11.30	86.54 -0.80 -14.53	85.20 -0.87 -13.33	80.89 -1.02 -9.40	76.08 -1.08 -4.73	71.29 -1.21 -1.36	65.56 -1.00 0.00	61.86 -0.87 -0.43
BROOME___LFGE 323600	76.46 -0.07 -4.21	74.94 -0.14 -2.47	74.31 -0.36 -2.50	74.38 -0.36 -2.50	75.87 -0.29 -3.84	74.54 -0.22 -2.51	86.77 -0.50 -4.21	139.78 -2.25 -1.90	135.33 -1.75 -3.07	107.75 -0.59 -9.75	113.05 -1.29 -6.62	110.11 -1.15 -6.20	96.33 -0.96 -9.94	88.31 -0.73 -16.05	84.86 -0.80 -12.75	83.62 -0.89 -10.13	82.80 -1.02 -11.30	86.54 -0.80 -14.53	85.20 -0.87 -13.33	80.89 -1.02 -9.40	76.08 -1.08 -4.73	71.29 -1.21 -1.36	65.56 -1.00 0.00	61.86 -0.87 -0.43
BROWNFLS_115KV_TB_3_5 80003	73.84 1.52 0.00	73.78 1.16 0.00	73.61 1.44 0.00	73.68 1.44 0.00	73.55 1.23 0.00	73.69 1.44 0.00	83.97 0.91 0.00	141.25 1.12 0.00	134.68 0.67 0.00	99.08 0.49 0.00	108.90 1.18 0.00	106.01 0.95 0.00	88.29 0.52 -0.41	75.08 0.73 -1.37	74.89 0.66 -1.32	75.93 0.45 -1.11	74.08 0.36 -1.21	74.77 0.36 -1.60	74.57 0.36 -1.46	73.88 0.29 -1.08	72.72 0.29 0.00	71.50 0.36 0.00	66.89 0.33 0.00	62.79 0.50 0.00
BROWNSV1_27_KV_LOAD 356125	85.22 3.76 -9.14	81.97 3.99 -5.36	80.99 3.39 -5.43	81.06 3.40 -5.42	84.11 3.47 -8.32	81.45 3.76 -5.45	97.42 5.23 -9.13	158.11 9.39 -8.59	153.34 9.92 -9.42	130.52 8.28 -23.65	133.10 8.51 -16.87	129.85 8.83 -15.96	123.72 7.34 -29.03	127.34 6.13 -48.22	121.05 6.05 -42.09	116.18 6.40 -35.42	118.39 6.09 -39.79	130.01 6.41 -50.80	125.67 6.33 -46.61	115.75 6.02 -37.22	82.99 5.87 -4.69	79.37 5.26 -2.96	71.61 5.06 0.00	67.59 4.36 -0.94
BURROWS___LYONSDAL 23803	75.00 2.68 0.00	75.23 2.61 0.00	74.62 2.45 0.00	74.62 2.38 0.00	74.78 2.46 0.00	74.99 2.75 0.00	85.88 2.82 0.00	143.27 3.64 0.50	137.18 3.48 0.31	101.84 3.25 0.00	111.27 3.55 0.00	108.43 3.36 0.00	90.66 2.80 -0.51	77.31 2.63 -1.70	77.10 2.55 -1.64	78.28 2.53 -1.38	76.27 2.32 -1.44	77.34 2.55 -1.98	77.10 2.55 -1.81	75.87 2.39 -0.97	74.56 2.32 0.19	73.21 2.06 0.00	68.35 1.80 0.00	63.91 1.62 0.00
CAITHNESS_CC_1 323624	138.55 6.08 -60.15	124.69 6.25 -45.82	124.14 5.78 -46.20	117.41 5.71 -39.47	123.27 5.79 -45.17	143.34 5.99 -65.10	150.23 7.89 -59.28	162.07 13.32 -8.62	183.31 13.68 -35.63	169.50 10.84 -60.06	152.23 11.20 -33.31	151.03 11.35 -34.62	148.74 9.44 -51.95	148.73 7.96 -67.80	144.56 7.95 -63.70	145.07 8.25 -62.45	150.11 7.98 -69.62	228.58 8.23 -147.54	225.93 8.14 -145.05	217.16 7.98 -136.67	144.94 7.75 -64.75	126.91 7.18 -48.58	108.40 6.59 -35.26	90.44 5.73 -22.42
CALPINE BETH_PAGE_GT4 24209	137.03 4.56 -60.15	123.16 4.72 -45.82	122.63 4.26 -46.20	115.90 4.19 -39.47	121.75 4.27 -45.17	141.90 4.55 -65.10	148.74 5.98 -59.70	159.37 10.65 -8.59	171.95 11.39 -26.56	161.31 9.27 -53.46	150.59 9.59 -33.28	149.32 9.67 -34.59	147.39 8.12 -51.92	147.54 6.79 -67.77	143.29 6.71 -63.67	143.78 6.99 -62.42	148.92 6.82 -69.60	168.71 7.14 -88.76	166.05 7.06 -86.25	160.30 6.89 -80.90	130.70 6.52 -51.75	125.56 5.83 -48.58	107.27 5.46 -35.26	89.45 4.73 -22.42
CALPINE_BETH_PAGE_GT_4 323586	137.03 4.56 -60.15	123.16 4.72 -45.82	122.62 4.26 -46.20	115.97 4.26 -39.47	121.83 4.34 -45.17	141.90 4.55 -65.10	148.74 5.98 -59.70	159.51 10.79 -8.59	171.95 11.38 -26.56	161.31 9.26 -53.46	150.58 9.58 -33.28	149.31 9.66 -34.59	147.40 8.12 -51.92	147.54 6.79 -67.77	143.21 6.63 -63.67	143.78 6.99 -62.42	148.92 6.81 -69.60	168.71 7.14 -88.76	166.05 7.05 -86.25	160.31 6.89 -80.90	143.67 6.52 -64.72	125.57 5.84 -48.58	107.27 5.46 -35.26	89.45 4.73 -22.42
CALPINE_BP_GT1 23823	137.03 4.56 -60.15	123.16 4.72 -45.82	122.62 4.26 -46.20	115.97 4.26 -39.47	121.83 4.34 -45.17	141.90 4.55 -65.10	148.74 5.98 -59.70	159.51 10.79 -8.59	171.95 11.38 -26.56	161.31 9.26 -53.46	150.58 9.58 -33.28	149.31 9.66 -34.59	147.40 8.12 -51.92	147.54 6.79 -67.77	143.21 6.63 -63.67	143.78 6.99 -62.42	148.92 6.81 -69.60	168.71 7.14 -88.76	166.05 7.05 -86.25	160.31 6.89 -80.90	143.67 6.52 -64.72	125.57 5.84 -48.58	107.27 5.46 -35.26	89.45 4.73 -22.42
CALSPAN___DRP 24200	69.50 -2.82 0.00	69.06 -3.56 0.00	68.12 -4.04 0.00	67.40 -4.84 0.00	68.34 -3.98 0.00	68.56 -3.68 0.00	76.83 -6.23 0.00	119.69 -15.84 4.61	116.15 -15.01 2.84	92.27 -9.46 -3.14	98.67 -12.17 -3.12	96.56 -11.66 -3.16	81.86 -9.70 -4.21	73.44 -7.74 -8.20	69.85 -7.95 -4.88	69.03 -8.18 -2.84	66.64 -8.70 -2.83	68.49 -8.37 -4.05	68.10 -8.36 -3.72	63.76 -8.63 0.13	61.68 -8.55 2.21	62.88 -8.25 0.02	59.77 -6.79 0.00	56.56 -5.73 0.00

CALVERTON___SOLAR 323806	139.20 6.73 -60.15	125.26 6.82 -45.82	124.72 6.35 -46.20	117.99 6.28 -39.47	123.78 6.29 -45.17	143.85 6.50 -65.10	150.81 8.48 -59.28	163.05 14.30 -8.62	184.34 14.61 -35.73	170.25 11.53 -60.13	152.88 11.85 -33.31	151.66 11.97 -34.62	149.25 9.95 -51.95	149.17 8.39 -67.80	144.99 8.38 -63.70	145.52 8.70 -62.45	150.55 8.41 -69.63	229.72 8.73 -148.17	227.07 8.65 -145.68	218.19 8.41 -137.27	145.37 8.18 -64.75	127.27 7.54 -48.58	108.73 6.92 -35.26	90.76 6.04 -22.42
CANDIGU_WT_PWR 323617	72.95 -2.10 -2.73	71.60 -2.61 -1.60	70.69 -3.10 -1.62	70.68 -3.18 -1.62	71.62 -3.18 -2.48	70.91 -2.97 -1.63	81.38 -4.40 -2.73	126.40 -11.35 2.39	123.30 -10.45 0.25	98.44 -6.60 -6.45	103.93 -8.19 -4.40	101.34 -7.88 -4.15	85.85 -6.37 -4.87	78.18 -5.03 -10.23	72.68 -5.17 -4.95	70.95 -5.36 -1.93	68.84 -5.58 -1.91	70.25 -5.31 -2.75	69.89 -5.38 -2.53	65.68 -5.73 1.10	66.64 -5.80 0.00	66.24 -5.76 -0.85	61.63 -4.92 0.00	58.28 -4.30 -0.28
CARR STREET_E_SYR 24060	70.44 -1.88 0.00	70.66 -1.96 0.00	70.00 -2.16 0.00	70.14 -2.10 0.00	70.30 -2.02 0.00	70.37 -1.88 0.00	80.73 -2.33 0.00	133.07 -4.91 2.15	128.26 -4.42 1.33	95.93 -2.66 0.00	104.38 -3.34 0.00	101.82 -3.26 -0.01	86.27 -2.54 -1.46	76.00 -1.82 -4.84	75.62 -1.97 -4.67	76.14 -2.16 -3.93	74.13 -2.39 -4.01	76.27 -2.18 -5.64	75.66 -2.26 -5.17	72.27 -2.47 -2.22	70.58 -2.46 -0.61	68.59 -2.56 0.00	64.29 -2.26 0.00	60.18 -2.12 0.00
CARTHAGE___PAPER 23857	74.78 2.46 0.00	74.79 2.18 0.00	74.33 2.16 0.00	74.33 2.10 0.00	74.49 2.17 0.00	74.84 2.60 0.00	85.63 2.58 0.00	143.49 3.36 0.00	137.09 3.08 0.00	101.25 2.66 0.00	110.85 3.13 0.00	107.80 2.73 -0.01	90.35 2.27 -0.74	77.76 2.33 -2.44	77.46 2.19 -2.36	78.51 2.16 -1.99	76.62 1.96 -2.15	77.84 2.18 -2.85	77.61 2.26 -2.61	76.55 2.10 -1.93	75.19 2.03 -0.73	72.85 1.70 0.00	67.95 1.40 0.00	63.54 1.25 0.00
CASSADAGA_WT_PWR 323784	70.58 -1.74 0.00	70.00 -2.61 0.00	68.99 -3.17 0.00	68.92 -3.32 0.00	69.14 -3.18 0.00	69.58 -2.67 0.00	78.24 -4.82 0.00	122.03 -13.45 4.65	118.27 -12.87 2.87	93.98 -7.89 -3.28	100.64 -10.34 -3.26	98.49 -9.88 -3.30	83.19 -8.47 -4.31	74.61 -6.86 -8.49	70.60 -7.22 -4.91	69.74 -7.36 -2.73	67.48 -7.76 -2.72	69.14 -7.57 -3.90	68.83 -7.49 -3.58	64.73 -7.54 0.24	65.00 -7.60 -0.17	63.66 -7.47 0.02	60.43 -6.12 0.00	57.56 -4.74 0.00
CE_DUNWOOD___DRP 24194	84.55 3.11 -9.12	81.38 3.41 -5.35	80.55 2.96 -5.42	80.54 2.89 -5.41	83.59 2.97 -8.30	80.86 3.18 -5.44	96.58 4.40 -9.12	156.42 7.71 -8.58	151.58 8.17 -9.40	129.09 6.90 -23.60	131.67 7.11 -16.84	128.35 7.35 -15.93	122.43 6.11 -28.97	126.21 5.11 -48.12	120.02 5.10 -42.00	115.07 5.35 -35.34	117.29 5.08 -39.71	128.81 5.32 -50.69	124.56 5.31 -46.51	114.66 5.00 -37.14	81.96 4.85 -4.68	78.44 4.34 -2.95	70.68 4.13 0.00	66.78 3.55 -0.94
CE_MILLWOOD___DRP 24193	84.44 3.04 -9.09	81.21 3.27 -5.33	80.38 2.81 -5.40	80.45 2.82 -5.39	83.48 2.89 -8.27	80.77 3.11 -5.42	96.37 4.24 -9.08	156.10 7.43 -8.54	151.28 7.91 -9.36	128.71 6.61 -23.51	131.28 6.79 -16.77	127.97 7.04 -15.87	122.15 5.94 -28.86	125.88 4.96 -47.94	119.71 4.96 -41.84	114.71 5.13 -35.21	117.00 4.93 -39.55	128.47 5.17 -50.49	124.16 5.09 -46.33	114.37 4.86 -37.00	81.80 4.71 -4.66	78.29 4.20 -2.94	70.55 3.99 0.00	66.65 3.43 -0.93
CE_NYC2_DRP 24202	85.00 3.54 -9.14	81.75 3.78 -5.36	80.70 3.10 -5.43	80.77 3.11 -5.42	83.75 3.11 -8.32	81.09 3.40 -5.45	97.09 4.90 -9.13	157.83 9.11 -8.59	152.94 9.51 -9.42	130.23 7.99 -23.66	132.79 8.19 -16.88	129.44 8.41 -15.97	123.46 7.08 -29.04	127.13 5.91 -48.23	120.84 5.83 -42.10	115.90 6.10 -35.43	118.19 5.87 -39.80	129.81 6.19 -50.81	125.47 6.11 -46.62	115.54 5.80 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
CE_NYC_DRP 24195	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.27 8.84 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.01 7.99 -15.96	123.10 6.73 -29.03	126.82 5.62 -48.22	120.54 5.54 -42.09	115.66 5.88 -35.42	117.89 5.58 -39.79	129.43 5.82 -50.79	128.94 5.75 -50.45	115.17 5.44 -37.22	82.41 5.29 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
CHAFFEE___LFGE 323603	69.72 -2.60 0.00	69.28 -3.34 0.00	68.34 -3.83 0.00	68.41 -3.83 0.00	68.56 -3.76 0.00	68.85 -3.39 0.00	77.16 -5.90 0.00	120.10 -15.42 4.62	116.55 -14.60 2.85	92.68 -9.17 -3.25	99.22 -11.74 -3.23	97.10 -11.24 -3.27	82.15 -9.52 -4.32	73.77 -7.66 -8.45	69.92 -7.95 -4.95	69.08 -8.10 -2.81	66.77 -8.56 -2.81	68.53 -8.30 -4.02	68.21 -8.22 -3.69	64.03 -8.34 0.14	64.31 -8.33 -0.20	63.09 -8.04 0.02	59.96 -6.59 0.00	57.06 -5.23 0.00
CHATEAUG_35_KV_LOAD 355732	72.90 0.58 0.00	72.98 0.36 0.00	73.10 0.94 0.00	73.39 1.16 0.00	73.26 0.94 0.00	73.33 1.08 0.00	83.72 0.66 0.00	141.67 1.54 0.00	134.68 0.67 0.00	98.00 -0.59 0.00	107.50 -0.22 0.00	104.44 -0.63 0.00	86.48 -0.87 0.00	72.11 -0.88 0.00	71.89 -1.02 0.00	73.25 -1.12 0.00	71.64 -0.87 0.00	71.50 -1.31 0.00	71.28 -1.45 0.00	70.92 -1.60 0.00	70.77 -1.67 0.00	69.58 -1.57 0.00	64.76 -1.80 0.00	60.86 -1.43 0.00
CHATEAUG_WT_PWR 323614	72.68 0.36 0.00	72.76 0.15 0.00	72.96 0.80 0.00	72.96 0.72 0.00	73.12 0.80 0.00	73.26 1.01 0.00	83.56 0.50 0.00	141.53 1.40 0.00	134.55 0.54 0.00	97.90 -0.69 0.00	107.29 -0.43 0.00	104.22 -0.84 0.00	86.56 -0.79 0.00	72.11 -0.87 0.00	71.74 -1.17 0.00	73.03 -1.34 0.00	71.35 -1.16 0.00	71.14 -1.67 0.00	70.92 -1.82 0.00	70.48 -2.03 0.00	70.33 -2.10 0.00	69.08 -2.07 0.00	64.22 -2.33 0.00	60.36 -1.93 0.00
CHAT_HIGH_FALL_HYD 323578	72.90 0.58 0.00	72.98 0.36 0.00	73.10 0.94 0.00	73.39 1.16 0.00	73.26 0.94 0.00	73.33 1.08 0.00	83.72 0.66 0.00	141.67 1.54 0.00	134.68 0.67 0.00	98.00 -0.59 0.00	107.50 -0.22 0.00	104.44 -0.63 0.00	86.48 -0.87 0.00	72.11 -0.88 0.00	71.89 -1.02 0.00	73.25 -1.12 0.00	71.64 -0.87 0.00	71.50 -1.31 0.00	71.28 -1.45 0.00	70.92 -1.60 0.00	70.77 -1.67 0.00	69.58 -1.57 0.00	64.76 -1.80 0.00	60.86 -1.43 0.00
CHAUTAUQUA___LFGE 323629	69.94 -2.38 0.00	69.42 -3.19 0.00	68.49 -3.68 0.00	68.48 -3.76 0.00	68.63 -3.69 0.00	69.00 -3.25 0.00	77.40 -5.65 0.00	120.64 -14.86 4.63	116.81 -14.34 2.86	92.91 -8.87 -3.20	99.48 -11.42 -3.18	97.35 -10.93 -3.22	82.43 -9.17 -4.25	74.07 -7.23 -8.32	70.28 -7.51 -4.88	69.34 -7.81 -2.78	66.87 -8.41 -2.77	68.69 -8.08 -3.97	68.38 -8.00 -3.64	64.05 -8.27 0.19	64.34 -8.26 -0.17	63.16 -7.97 0.02	60.03 -6.52 0.00	57.06 -5.23 0.00
CHERRYST_13_KV_LD 356241	84.86 3.40 -9.14	81.60 3.63 -5.36	80.70 3.10 -5.43	80.77 3.11 -5.42	83.75 3.11 -8.32	81.09 3.40 -5.45	97.09 4.90 -9.13	157.41 8.69 -8.59	152.80 9.38 -9.42	130.12 7.89 -23.65	132.67 8.08 -16.87	129.43 8.41 -15.96	123.45 7.08 -29.03	127.04 5.84 -48.22	120.76 5.76 -42.09	115.89 6.10 -35.42	118.10 5.80 -39.79	129.72 6.12 -50.79	125.31 5.96 -46.61	115.39 5.66 -37.22	82.55 5.43 -4.69	78.95 4.84 -2.96	71.28 4.73 0.00	67.28 4.05 -0.94

CHESTROR_138KV_BK263 355645	83.29 2.53 -8.44	80.32 2.76 -4.95	79.56 2.38 -5.02	79.63 2.38 -5.01	82.39 2.39 -7.68	79.81 2.53 -5.03	94.98 3.49 -8.44	153.95 5.89 -7.93	148.87 6.16 -8.70	125.83 5.32 -21.92	128.77 5.39 -15.66	125.45 5.57 -14.82	118.95 4.63 -26.97	121.76 3.94 -44.84	115.92 3.86 -39.14	111.40 4.09 -32.94	113.43 3.92 -37.00	124.20 4.15 -47.24	120.15 4.07 -43.34	110.96 3.84 -34.61	80.48 3.69 -4.35	77.15 3.27 -2.73	69.62 3.06 0.00	65.84 2.68 -0.87
CH_MIDHUDSON___DRP 24192	85.47 3.47 -9.68	82.07 3.78 -5.68	81.31 3.39 -5.75	81.31 3.32 -5.74	84.53 3.40 -8.81	81.56 3.54 -5.77	97.38 4.65 -9.68	157.08 7.85 -9.10	152.02 8.04 -9.97	129.88 6.70 -24.58	132.02 6.89 -17.41	128.54 7.04 -16.44	123.00 5.94 -29.71	127.00 4.96 -49.05	120.62 4.96 -42.76	115.48 5.13 -35.98	117.88 4.93 -40.44	129.58 5.17 -51.60	125.17 5.09 -47.34	115.22 4.86 -37.85	81.97 4.71 -4.83	78.55 4.27 -3.14	70.55 3.99 0.00	66.78 3.49 -1.00
CH_MISC_IPPS 23765	85.58 3.83 -9.43	82.21 4.06 -5.53	81.45 3.68 -5.61	81.59 3.75 -5.60	84.67 3.76 -8.59	81.77 3.90 -5.62	97.55 5.07 -9.43	157.41 8.41 -8.87	152.31 8.58 -9.72	129.75 7.10 -24.06	132.00 7.22 -17.06	128.64 7.46 -16.12	122.73 6.20 -29.18	126.47 5.26 -48.23	120.14 5.18 -42.06	115.18 5.43 -35.39	117.51 5.22 -39.77	129.02 5.46 -50.75	124.69 5.38 -46.57	114.88 5.15 -37.22	95.06 4.93 -17.70	78.69 4.49 -3.06	70.75 4.20 0.00	66.88 3.61 -0.97
CH_RES_BVR_FALLS 23983	71.67 -0.65 0.00	71.67 -0.95 0.00	71.37 -0.79 0.00	71.23 -1.01 0.00	71.16 -1.16 0.00	71.09 -1.16 0.00	81.56 -1.49 0.00	138.17 -1.96 0.00	131.73 -2.28 0.00	96.32 -2.26 0.00	105.57 -2.15 0.00	102.85 -2.21 0.00	85.34 -2.01 0.00	71.23 -1.75 0.00	71.16 -1.75 0.00	72.66 -1.71 0.00	71.13 -1.38 0.00	71.21 -1.60 0.00	71.14 -1.60 0.00	70.99 -1.53 0.00	70.99 -1.45 0.00	69.79 -1.35 0.00	65.22 -1.33 0.00	61.11 -1.19 0.00
CH_RES_NIAGARA 23895	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.77 0.00	65.81 -6.43 0.00	66.75 -5.57 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	115.10 -20.46 4.57	111.35 -19.83 2.82	88.69 -12.82 -2.92	94.79 -15.83 -2.90	92.66 -15.34 -2.94	79.14 -12.23 -4.02	71.58 -9.12 -7.72	68.43 -9.26 -4.78	67.03 -10.26 -2.93	64.18 -11.24 -2.91	66.29 -10.70 -4.18	65.89 -10.69 -3.84	61.29 -11.17 0.05	59.14 -11.23 2.07	60.74 -10.39 0.02	57.97 -8.59 0.00	55.07 -7.23 0.00
CH_RES_SYRACUSE 23985	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.43 -1.80 0.00	70.58 -1.74 0.00	70.59 -1.66 0.00	80.98 -2.07 0.00	134.41 -4.49 1.23	129.23 -4.02 0.76	96.13 -2.46 0.00	104.70 -3.02 0.00	102.03 -3.05 -0.01	86.68 -2.27 -1.60	76.62 -1.68 -5.31	76.29 -1.75 -5.13	76.75 -1.93 -4.32	74.87 -2.17 -4.53	77.11 -1.89 -6.19	76.46 -1.96 -5.68	73.69 -2.11 -3.28	71.37 -2.17 -1.11	68.87 -2.28 0.00	64.56 -1.99 0.00	60.36 -1.93 0.00
CLINTON_WT_PWR 323605	72.68 0.36 0.00	72.76 0.15 0.00	72.96 0.80 0.00	72.96 0.72 0.00	73.12 0.80 0.00	73.26 1.01 0.00	83.56 0.50 0.00	141.53 1.40 0.00	134.55 0.54 0.00	97.90 -0.69 0.00	107.29 -0.43 0.00	104.22 -0.84 0.00	86.56 -0.79 0.00	72.11 -0.87 0.00	71.74 -1.17 0.00	73.03 -1.34 0.00	71.35 -1.16 0.00	71.14 -1.67 0.00	70.92 -1.82 0.00	70.48 -2.03 0.00	70.33 -2.10 0.00	69.08 -2.07 0.00	64.22 -2.33 0.00	60.36 -1.93 0.00
CLINTON___LFGE 323618	74.34 2.02 0.00	74.43 1.82 0.00	74.54 2.38 0.00	74.55 2.31 0.00	74.63 2.31 0.00	74.84 2.60 0.00	85.05 1.99 0.00	143.49 3.36 0.00	136.42 2.41 0.00	99.28 0.69 0.00	108.80 1.08 0.00	105.70 0.63 0.00	87.70 0.35 0.00	73.13 0.15 0.00	72.84 -0.07 0.00	74.22 -0.15 0.00	72.59 0.07 0.00	72.52 -0.29 0.00	72.30 -0.43 0.00	71.79 -0.73 0.00	71.57 -0.87 0.00	70.22 -0.93 0.00	65.29 -1.27 0.00	61.48 -0.81 0.00
COBBLENY_34_KV_TB1 80064	69.72 -2.60 0.00	69.27 -3.34 0.00	68.34 -3.82 0.00	67.61 -4.62 0.00	68.56 -3.76 0.00	68.85 -3.40 0.00	77.16 -5.90 0.00	120.38 -15.13 4.62	116.82 -14.34 2.85	92.77 -9.07 -3.25	99.21 -11.74 -3.23	97.10 -11.24 -3.27	82.14 -9.52 -4.32	73.84 -7.59 -8.45	69.99 -7.87 -4.95	69.23 -7.96 -2.81	66.99 -8.34 -2.81	68.75 -8.08 -4.02	68.36 -8.07 -3.69	64.10 -8.27 0.14	61.98 -8.18 2.27	63.16 -7.97 0.02	59.97 -6.59 0.00	56.75 -5.54 0.00
COFFEEN___115KV_TB3 355620	75.65 3.33 0.00	75.74 3.12 0.00	75.12 2.96 0.00	75.06 2.82 0.00	75.28 2.97 0.00	75.79 3.54 0.00	86.71 3.65 0.00	145.46 5.33 0.00	138.97 4.96 0.00	102.73 4.14 0.00	112.14 4.42 0.00	109.17 4.10 -0.01	91.60 3.41 -0.85	79.07 3.28 -2.81	78.83 3.21 -2.71	79.85 3.20 -2.28	77.89 2.90 -2.47	79.36 3.28 -3.27	79.02 3.27 -3.00	77.78 3.05 -2.22	75.40 2.97 0.00	73.57 2.42 0.00	68.62 2.06 0.00	64.10 1.81 0.00
COLDSPRG_115KV_BK1 355956	73.57 -1.01 -2.26	72.13 -1.82 -1.33	71.13 -2.38 -1.34	70.26 -3.32 -1.34	71.85 -2.53 -2.06	71.57 -2.02 -1.35	81.41 -3.90 -2.26	126.50 -11.07 2.56	123.13 -10.32 0.56	97.42 -6.51 -5.34	102.63 -8.73 -3.64	100.20 -8.30 -3.43	84.26 -7.51 -4.42	75.19 -6.57 -8.78	71.01 -6.85 -4.96	70.48 -6.54 -2.66	68.71 -6.45 -2.65	70.19 -6.41 -3.79	69.82 -6.40 -3.48	65.96 -6.24 0.32	63.79 -6.23 2.42	65.38 -6.47 -0.71	61.23 -5.32 0.00	58.04 -4.49 -0.23
COLONIE_LFGE___ 323577	157.15 3.90 -80.93	124.21 4.14 -47.46	124.17 3.89 -48.11	124.17 3.90 -48.03	149.98 3.97 -73.68	124.33 3.83 -48.25	168.53 4.56 -80.91	223.52 7.28 -76.10	224.77 7.37 -83.40	232.71 5.82 -128.31	182.26 6.25 -68.29	170.85 6.30 -59.48	168.24 5.24 -75.65	148.64 4.38 -71.28	129.28 4.30 -52.07	122.57 4.39 -43.81	129.58 4.28 -52.79	139.94 4.29 -62.83	134.68 4.29 -57.65	129.82 4.28 -53.03	110.36 4.35 -33.58	101.42 4.05 -26.22	70.41 3.86 0.00	74.16 3.55 -8.32
COOPERNY_115KV_TB1 80082	81.09 1.81 -6.96	78.80 2.11 -4.08	78.11 1.80 -4.14	78.10 1.73 -4.13	80.47 1.81 -6.34	78.28 1.88 -4.15	92.59 2.57 -6.96	150.89 4.20 -6.55	145.74 4.56 -7.18	120.55 3.94 -18.02	124.56 3.99 -12.86	121.32 4.10 -12.16	112.91 3.49 -22.07	112.48 2.92 -36.58	107.67 2.84 -31.91	104.20 2.97 -26.85	105.52 2.83 -30.17	114.38 3.06 -38.51	111.06 2.98 -35.34	103.57 2.83 -28.23	78.76 2.75 -3.57	75.82 2.42 -2.26	68.75 2.20 0.00	64.94 1.93 -0.72
COPENHAGEN_WT_PWR 323753	74.63 2.31 0.00	74.72 2.11 0.00	74.18 2.02 0.00	74.19 1.95 0.00	74.34 2.02 0.00	74.71 2.46 0.00	85.47 2.41 0.00	143.36 3.23 0.00	137.09 3.08 0.00	101.34 2.76 0.00	110.63 2.91 0.00	107.80 2.73 -0.01	90.49 2.27 -0.88	78.22 2.33 -2.91	77.90 2.19 -2.81	78.89 2.16 -2.36	76.88 1.81 -2.56	78.31 2.11 -3.39	77.96 2.11 -3.11	76.77 1.96 -2.30	75.18 1.88 -0.87	72.64 1.50 0.00	67.75 1.20 0.00	63.35 1.06 0.00
CORNELL_____ 23752	76.42 1.08 -3.02	75.40 1.02 -1.77	74.68 0.72 -1.79	74.61 0.58 -1.79	75.94 0.87 -2.75	75.06 1.01 -1.80	87.23 1.16 -3.02	148.74 0.70 -7.91	141.34 1.07 -6.26	106.70 1.18 -6.93	113.14 0.65 -4.78	110.08 0.63 -4.38	101.79 0.70 -13.74	88.89 0.73 -15.18	96.84 0.66 -23.28	100.46 0.67 -25.42	101.51 0.51 -28.49	110.27 0.95 -36.51	107.03 0.80 -33.49	102.33 0.51 -29.31	82.38 0.43 -9.51	72.35 0.14 -1.06	66.69 0.13 0.00	62.60 0.00 -0.31

CORONA__69_KV_TB1 355595	136.96 4.48 -60.15	123.23 4.79 -45.82	122.63 4.26 -46.20	115.97 4.26 -39.47	121.75 4.27 -45.17	141.82 4.48 -65.10	150.18 5.65 -61.48	158.53 9.81 -8.59	170.88 10.32 -26.56	160.62 8.58 -53.46	149.94 8.94 -33.28	148.79 9.14 -34.59	146.96 7.69 -51.92	147.17 6.42 -67.77	142.92 6.34 -63.67	143.33 6.54 -62.42	148.42 6.31 -69.60	168.20 6.63 -88.76	165.54 6.55 -86.25	159.65 6.24 -80.90	130.27 6.08 -51.75	125.28 5.55 -48.58	107.13 5.32 -35.26	89.39 4.67 -22.42
CORTLAND__115KV_TB3 80093	75.02 0.43 -2.27	74.31 0.36 -1.33	73.66 0.14 -1.35	73.58 0.00 -1.35	74.67 0.29 -2.06	73.96 0.36 -1.35	85.74 0.42 -2.27	142.12 -0.42 -2.41	136.52 0.00 -2.52	104.40 0.49 -5.32	111.38 0.00 -3.66	108.48 0.00 -3.41	95.08 0.09 -7.64	83.69 0.22 -10.49	84.85 0.15 -11.80	86.01 0.15 -11.49	85.21 -0.07 -12.77	89.52 0.22 -16.49	88.01 0.15 -15.13	84.43 -0.07 -11.99	75.07 -0.14 -2.78	71.55 -0.36 -0.76	66.29 -0.27 0.00	62.15 -0.37 -0.23
COXSACKIE__GT 23611	111.10 6.14 -32.64	98.15 6.39 -19.14	97.84 6.28 -19.40	97.89 6.28 -19.37	108.25 6.22 -29.71	98.21 6.50 -19.46	122.83 7.14 -32.63	180.92 10.10 -30.69	176.88 9.24 -33.63	164.06 6.71 -58.76	149.07 6.79 -34.56	142.86 6.73 -31.07	139.02 5.42 -46.25	137.19 4.53 -59.69	126.62 4.81 -48.89	120.34 4.83 -41.14	124.79 4.93 -47.35	136.77 4.95 -59.00	131.83 4.95 -54.14	122.66 4.71 -45.44	100.99 4.35 -24.21	86.06 4.34 -10.57	71.28 4.73 0.00	69.95 4.30 -3.36
CPV_VALLEY__CC1 323721	82.03 1.88 -7.83	79.38 2.18 -4.59	78.63 1.80 -4.66	78.76 1.88 -4.65	81.33 1.88 -7.13	78.87 1.95 -4.67	93.62 2.74 -7.83	152.26 4.77 -7.36	147.17 5.09 -8.07	123.44 4.44 -20.41	126.84 4.52 -14.60	123.62 4.73 -13.82	116.45 3.93 -25.17	118.14 3.29 -41.87	112.75 3.28 -36.56	108.55 3.42 -30.76	110.33 3.27 -34.55	120.42 3.49 -44.11	116.63 3.42 -40.48	108.02 3.19 -32.32	90.87 3.11 -15.33	76.39 2.70 -2.54	69.08 2.53 0.00	65.28 2.18 -0.81
CPV_VALLEY__CC2 323722	82.03 1.88 -7.83	79.38 2.18 -4.59	78.63 1.80 -4.66	78.76 1.88 -4.65	81.33 1.88 -7.13	78.87 1.95 -4.67	93.62 2.74 -7.83	152.26 4.77 -7.36	147.17 5.09 -8.07	123.44 4.44 -20.41	126.84 4.52 -14.60	123.62 4.73 -13.82	116.45 3.93 -25.17	118.14 3.29 -41.87	112.75 3.28 -36.56	108.55 3.42 -30.76	110.33 3.27 -34.55	120.42 3.49 -44.11	116.63 3.42 -40.48	108.02 3.19 -32.32	90.87 3.11 -15.33	76.39 2.70 -2.54	69.08 2.53 0.00	65.28 2.18 -0.81
CRESCENT__HYD 24018	157.15 3.90 -80.93	124.21 4.14 -47.46	124.17 3.89 -48.11	124.17 3.90 -48.03	149.98 3.97 -73.68	124.33 3.83 -48.25	168.53 4.56 -80.91	223.52 7.28 -76.10	224.77 7.37 -83.40	232.71 5.82 -128.31	182.26 6.25 -68.29	170.85 6.30 -59.48	168.24 5.24 -75.65	148.64 4.38 -71.28	129.28 4.30 -52.07	122.57 4.39 -43.81	129.58 4.28 -52.79	139.94 4.29 -62.83	134.68 4.29 -57.65	129.82 4.28 -53.03	110.36 4.35 -33.58	101.42 4.05 -26.22	70.41 3.86 0.00	74.16 3.55 -8.32
CRICKET__VALLEY_CC1 323756	86.69 3.18 -11.19	82.59 3.41 -6.56	81.85 3.03 -6.65	81.98 3.10 -6.64	85.61 3.11 -10.19	82.09 3.18 -6.67	98.39 4.15 -11.19	157.52 6.86 -10.52	152.77 7.23 -11.53	131.70 6.01 -27.10	132.77 6.25 -18.80	129.25 6.52 -17.67	124.17 5.42 -31.40	128.44 4.53 -50.93	121.66 4.52 -44.23	116.27 4.69 -37.21	118.90 4.50 -41.89	130.85 4.66 -53.37	126.30 4.59 -48.97	116.20 4.42 -39.27	95.60 4.35 -18.82	78.75 3.98 -3.62	70.35 3.79 0.00	66.74 3.30 -1.15
CRICKET__VALLEY_CC2 323757	86.69 3.18 -11.19	82.59 3.41 -6.56	81.85 3.03 -6.65	81.98 3.10 -6.64	85.61 3.11 -10.19	82.09 3.18 -6.67	98.39 4.15 -11.19	157.52 6.86 -10.52	152.77 7.23 -11.53	131.70 6.01 -27.10	132.77 6.25 -18.80	129.25 6.52 -17.67	124.17 5.42 -31.40	128.44 4.53 -50.93	121.66 4.52 -44.23	116.27 4.69 -37.21	118.90 4.50 -41.89	130.85 4.66 -53.37	126.30 4.59 -48.97	116.20 4.42 -39.27	95.60 4.35 -18.82	78.75 3.98 -3.62	70.35 3.79 0.00	66.74 3.30 -1.15
CRICKET__VALLEY_CC3 323758	86.69 3.18 -11.19	82.59 3.41 -6.56	81.85 3.03 -6.65	81.98 3.10 -6.64	85.61 3.11 -10.19	82.09 3.18 -6.67	98.39 4.15 -11.19	157.52 6.86 -10.52	152.77 7.23 -11.53	131.70 6.01 -27.10	132.77 6.25 -18.80	129.25 6.52 -17.67	124.17 5.42 -31.40	128.44 4.53 -50.93	121.66 4.52 -44.23	116.27 4.69 -37.21	118.90 4.50 -41.89	130.85 4.66 -53.37	126.30 4.59 -48.97	116.20 4.42 -39.27	95.60 4.35 -18.82	78.75 3.98 -3.62	70.35 3.79 0.00	66.74 3.30 -1.15
CRUCIBLE__METL_DRP 24180	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.59 -1.66 0.00	80.98 -2.08 0.00	134.42 -4.48 1.23	129.23 -4.02 0.76	96.12 -2.46 0.00	104.70 -3.02 0.00	102.03 -3.05 -0.01	86.68 -2.27 -1.60	76.69 -1.61 -5.31	76.29 -1.75 -5.13	76.75 -1.93 -4.32	74.87 -2.18 -4.53	77.11 -1.89 -6.19	76.45 -1.96 -5.68	73.69 -2.10 -3.28	69.79 -2.17 0.47	68.94 -2.21 0.00	64.56 -2.00 0.00	60.36 -1.93 0.00
DAHOWA__HYDRO 323763	172.29 5.57 -94.41	133.71 5.74 -55.36	133.85 5.56 -56.12	133.83 5.56 -56.03	163.91 5.64 -85.95	133.45 4.92 -56.29	183.33 5.90 -94.38	238.57 9.66 -88.78	240.81 9.52 -97.29	253.51 7.30 -147.63	193.19 7.86 -77.62	180.16 7.77 -67.32	177.38 6.29 -83.74	152.58 5.18 -74.41	130.88 5.10 -52.87	124.14 5.28 -44.49	131.89 5.15 -54.23	141.86 5.25 -63.80	136.52 5.24 -58.54	132.66 5.07 -55.07	114.30 5.72 -36.15	107.21 5.48 -30.58	71.68 5.13 0.00	76.73 4.73 -9.71
DANC__LFGE 323619	72.90 0.58 0.00	73.05 0.44 0.00	72.46 0.29 0.00	72.53 0.29 0.00	72.68 0.36 0.00	72.97 0.72 0.00	83.39 0.33 0.00	139.85 -0.28 0.00	133.87 -0.13 0.00	98.98 0.40 0.00	107.94 0.22 0.00	105.28 0.21 -0.01	88.74 0.35 -1.04	77.00 0.58 -3.44	76.75 0.51 -3.32	77.54 0.37 -2.80	75.54 0.00 -3.03	77.11 0.29 -4.01	76.71 0.29 -3.68	75.38 0.15 -2.72	73.53 0.07 -1.02	70.93 -0.21 0.00	66.36 -0.20 0.00	62.11 -0.19 0.00
DANSKAMMER__1 23586	85.58 3.83 -9.43	82.21 4.06 -5.53	81.45 3.68 -5.61	81.59 3.75 -5.60	84.67 3.76 -8.59	81.77 3.90 -5.62	97.55 5.07 -9.43	157.41 8.41 -8.87	152.31 8.58 -9.72	129.75 7.10 -24.06	132.00 7.22 -17.06	128.64 7.46 -16.12	122.73 6.20 -29.18	126.47 5.26 -48.23	120.14 5.18 -42.06	115.18 5.43 -35.39	117.51 5.22 -39.77	129.02 5.46 -50.75	124.69 5.38 -46.57	114.88 5.15 -37.22	95.06 4.93 -17.70	78.69 4.49 -3.06	70.75 4.20 0.00	66.88 3.61 -0.97
DANSKAMMER__2 23589	85.58 3.83 -9.43	82.21 4.06 -5.53	81.45 3.68 -5.61	81.59 3.75 -5.60	84.67 3.76 -8.59	81.77 3.90 -5.62	97.55 5.07 -9.43	157.41 8.41 -8.87	152.31 8.58 -9.72	129.75 7.10 -24.06	132.00 7.22 -17.06	128.64 7.46 -16.12	122.73 6.20 -29.18	126.47 5.26 -48.23	120.14 5.18 -42.06	115.18 5.43 -35.39	117.51 5.22 -39.77	129.02 5.46 -50.75	124.69 5.38 -46.57	114.88 5.15 -37.22	95.06 4.93 -17.70	78.69 4.49 -3.06	70.75 4.20 0.00	66.88 3.61 -0.97
DANSKAMMER__3 23590	85.58 3.83 -9.43	82.21 4.06 -5.53	81.45 3.68 -5.61	81.59 3.75 -5.60	84.67 3.76 -8.59	81.77 3.90 -5.62	97.55 5.07 -9.43	157.41 8.41 -8.87	152.31 8.58 -9.72	129.75 7.10 -24.06	132.00 7.22 -17.06	128.64 7.46 -16.12	122.73 6.20 -29.18	126.47 5.26 -48.23	120.14 5.18 -42.06	115.18 5.43 -35.39	117.51 5.22 -39.77	129.02 5.46 -50.75	124.69 5.38 -46.57	114.88 5.15 -37.22	95.06 4.93 -17.70	78.69 4.49 -3.06	70.75 4.20 0.00	66.88 3.61 -0.97

DANSKAMMER___4 23591	85.58 3.83 -9.43	82.21 4.06 -5.53	81.45 3.68 -5.61	81.59 3.75 -5.60	84.67 3.76 -8.59	81.77 3.90 -5.62	97.55 5.07 -9.43	157.41 8.41 -8.87	152.31 8.58 -9.72	129.75 7.10 -24.06	132.00 7.22 -17.06	128.64 7.46 -16.12	122.73 6.20 -29.18	126.47 5.26 -48.23	120.14 5.18 -42.06	115.18 5.43 -35.39	117.51 5.22 -39.77	129.02 5.46 -50.75	124.69 5.38 -46.57	114.88 5.15 -37.22	95.06 4.93 -17.70	78.69 4.49 -3.06	70.75 4.20 0.00	66.88 3.61 -0.97
DANSKAMMER___DIESEL 23592	85.58 3.83 -9.43	82.21 4.07 -5.53	81.45 3.68 -5.61	81.52 3.68 -5.60	84.60 3.69 -8.59	81.77 3.90 -5.62	97.63 5.15 -9.43	157.41 8.41 -8.87	152.30 8.58 -9.72	129.74 7.10 -24.06	132.00 7.22 -17.06	128.64 7.46 -16.12	122.73 6.20 -29.18	126.47 5.25 -48.23	120.14 5.18 -42.06	115.19 5.43 -35.39	117.50 5.22 -39.77	129.02 5.46 -50.75	124.69 5.38 -46.57	114.88 5.15 -37.22	82.09 4.93 -4.73	78.69 4.48 -3.06	70.75 4.19 0.00	66.88 3.61 -0.97
DARBY___SOLAR 323810	170.27 5.21 -92.74	132.30 5.30 -54.39	132.43 5.12 -55.14	132.41 5.13 -55.05	161.97 5.21 -84.44	132.10 4.55 -55.29	181.25 5.48 -92.72	236.32 8.98 -87.21	238.42 8.84 -95.57	250.63 6.80 -145.24	191.51 7.33 -76.47	178.77 7.35 -66.36	176.03 5.94 -82.74	151.88 4.89 -74.01	130.47 4.81 -52.75	123.74 4.98 -44.39	131.49 4.93 -54.04	141.43 4.95 -63.66	136.10 4.95 -58.41	132.10 4.78 -54.81	113.62 5.36 -35.83	106.32 5.13 -30.05	71.35 4.79 0.00	76.19 4.36 -9.54
DASHVILLE___HYD 23610	88.70 2.31 -14.07	83.48 2.61 -8.25	82.77 2.24 -8.36	82.83 2.24 -8.35	87.37 2.24 -12.81	83.09 2.46 -8.39	100.53 3.41 -14.07	158.83 5.47 -13.23	154.27 5.76 -14.50	134.38 4.83 -30.96	133.20 4.96 -20.52	129.18 5.04 -19.07	124.05 4.19 -32.51	126.92 3.58 -50.37	119.76 3.57 -43.28	114.58 3.79 -36.42	117.37 3.70 -41.15	128.97 3.93 -52.23	124.52 3.86 -47.93	114.81 3.55 -38.74	81.44 3.40 -5.60	78.69 2.99 -4.56	70.08 3.53 0.00	66.05 2.30 -1.45
DEERFIELD_69_KV_DEERFIELD LD 355887	140.65 8.17 -60.15	126.79 8.35 -45.82	126.16 7.79 -46.20	119.22 7.51 -39.47	125.01 7.52 -45.17	144.86 7.51 -65.10	151.89 9.55 -59.28	164.73 15.98 -8.62	185.59 15.81 -35.77	171.27 12.52 -60.16	153.42 12.39 -33.31	152.08 12.40 -34.62	149.61 10.31 -51.95	149.46 8.68 -67.80	145.29 8.68 -63.70	145.82 9.00 -62.45	150.84 8.70 -69.63	230.34 9.10 -148.42	227.69 9.02 -145.93	218.73 8.70 -137.51	132.69 8.47 -51.78	127.49 7.76 -48.58	108.73 6.92 -35.26	91.01 6.29 -22.42
DELAWARE___LFGE 323621	88.15 2.39 -13.44	83.26 2.76 -7.88	82.61 2.45 -7.99	82.60 2.38 -7.98	87.02 2.46 -12.24	82.72 2.46 -8.02	99.49 2.99 -13.44	156.63 4.62 -11.87	152.35 4.96 -13.38	128.07 4.14 -25.34	127.29 4.20 -15.37	123.20 4.20 -13.93	110.42 3.41 -19.67	99.10 2.92 -23.20	94.23 2.84 -18.48	92.82 2.90 -15.55	93.27 2.76 -18.01	98.10 2.99 -22.30	96.11 2.91 -20.46	92.26 2.76 -16.99	78.85 2.61 -3.81	77.78 2.28 -4.36	68.68 2.13 0.00	65.55 1.87 -1.38
DERFIELD_115KV_TB7 355931	72.97 0.65 0.00	73.41 0.80 0.00	72.82 0.65 0.00	72.82 0.58 0.00	72.97 0.65 0.00	72.83 0.58 0.00	83.80 0.75 0.00	141.25 1.12 0.00	135.21 1.21 0.00	99.67 1.08 0.00	108.80 1.08 0.00	106.22 1.16 0.00	88.31 0.96 0.00	73.86 0.88 0.00	73.78 0.87 0.00	75.26 0.89 0.00	73.31 0.80 0.00	73.61 0.80 0.00	73.54 0.80 0.00	73.31 0.80 0.00	73.16 0.72 0.00	71.86 0.71 0.00	67.15 0.60 0.00	62.86 0.56 0.00
DOGLEVILLE___HYD 23807	76.81 4.49 0.00	76.39 3.77 0.00	74.98 2.81 0.00	74.26 2.02 0.00	73.91 1.59 0.00	73.69 1.44 0.00	84.63 1.57 0.00	142.51 2.38 0.00	136.69 2.68 0.00	100.86 2.27 0.00	110.52 2.80 0.00	108.00 2.94 0.00	90.14 2.79 0.00	75.68 2.70 0.00	75.97 3.06 0.00	77.72 3.35 0.00	75.99 3.48 0.00	76.67 3.86 0.00	76.52 3.78 0.00	75.78 3.27 0.00	75.19 2.75 0.00	73.57 2.42 0.00	68.49 1.93 0.00	63.91 1.62 0.00
DUNKIRK___115KV_TB_200 55889	69.93 -2.39 0.00	69.42 -3.20 0.00	68.49 -3.68 0.00	67.61 -4.62 0.00	68.56 -3.76 0.00	69.00 -3.25 0.00	77.32 -5.73 0.00	120.79 -14.71 4.63	116.94 -14.20 2.86	92.91 -8.87 -3.19	99.37 -11.53 -3.17	97.24 -11.03 -3.21	82.50 -9.08 -4.24	74.13 -7.15 -8.30	70.35 -7.44 -4.88	69.42 -7.73 -2.78	67.02 -8.27 -2.77	68.85 -7.94 -3.97	68.46 -7.93 -3.65	64.13 -8.19 0.19	61.99 -8.18 2.26	63.16 -7.97 0.02	60.03 -6.52 0.00	56.75 -5.54 0.00
DUNKIRK___1 23563	69.93 -2.39 0.00	69.42 -3.20 0.00	68.49 -3.68 0.00	67.61 -4.62 0.00	68.56 -3.76 0.00	69.00 -3.25 0.00	77.32 -5.73 0.00	120.79 -14.71 4.63	116.94 -14.20 2.86	92.91 -8.87 -3.19	99.37 -11.53 -3.17	97.24 -11.03 -3.21	82.50 -9.08 -4.24	74.13 -7.15 -8.30	70.35 -7.44 -4.88	69.42 -7.73 -2.78	67.02 -8.27 -2.77	68.85 -7.94 -3.97	68.46 -7.93 -3.65	64.13 -8.19 0.19	61.99 -8.18 2.26	63.16 -7.97 0.02	60.03 -6.52 0.00	56.75 -5.54 0.00
DUNKIRK___2 23564	69.93 -2.39 0.00	69.42 -3.20 0.00	68.49 -3.68 0.00	67.61 -4.62 0.00	68.56 -3.76 0.00	69.00 -3.25 0.00	77.32 -5.73 0.00	120.79 -14.71 4.63	116.94 -14.20 2.86	92.91 -8.87 -3.19	99.37 -11.53 -3.17	97.24 -11.03 -3.21	82.50 -9.08 -4.24	74.13 -7.15 -8.30	70.35 -7.44 -4.88	69.42 -7.73 -2.78	67.02 -8.27 -2.77	68.85 -7.94 -3.97	68.46 -7.93 -3.65	64.13 -8.19 0.19	61.99 -8.18 2.26	63.16 -7.97 0.02	60.03 -6.52 0.00	56.75 -5.54 0.00
DUNKIRK___3 23565	69.64 -2.68 0.00	69.20 -3.41 0.00	68.27 -3.90 0.00	67.47 -4.77 0.00	68.41 -3.91 0.00	68.78 -3.47 0.00	77.08 -5.98 0.00	120.23 -15.27 4.63	116.55 -14.61 2.85	92.58 -9.17 -3.16	99.01 -11.85 -3.14	96.89 -11.35 -3.17	82.12 -9.43 -4.21	73.76 -7.44 -8.22	70.12 -7.66 -4.86	69.28 -7.88 -2.79	66.89 -8.41 -2.78	68.72 -8.08 -3.99	68.33 -8.07 -3.67	63.92 -8.41 0.18	61.79 -8.40 2.24	63.02 -8.11 0.02	59.90 -6.66 0.00	56.63 -5.67 0.00
DUNKIRK___4 23566	69.64 -2.68 0.00	69.20 -3.41 0.00	68.27 -3.90 0.00	67.47 -4.77 0.00	68.41 -3.91 0.00	68.78 -3.47 0.00	77.08 -5.98 0.00	120.23 -15.27 4.63	116.55 -14.61 2.85	92.58 -9.17 -3.16	99.01 -11.85 -3.14	96.89 -11.35 -3.17	82.12 -9.43 -4.21	73.76 -7.44 -8.22	70.12 -7.66 -4.86	69.28 -7.88 -2.79	66.89 -8.41 -2.78	68.72 -8.08 -3.99	68.33 -8.07 -3.67	63.92 -8.41 0.18	61.79 -8.40 2.24	63.02 -8.11 0.02	59.90 -6.66 0.00	56.63 -5.67 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	84.64 3.18 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.67 4.48 -9.13	156.71 7.99 -8.59	152.00 8.58 -9.42	129.43 7.20 -23.65	131.92 7.32 -16.87	128.69 7.67 -15.96	122.75 6.38 -29.03	126.53 5.33 -48.22	120.32 5.32 -42.09	115.37 5.58 -35.42	117.60 5.29 -39.79	129.21 5.61 -50.80	124.87 5.53 -46.61	114.95 5.22 -37.22	82.19 5.07 -4.69	78.66 4.55 -2.96	70.81 4.26 0.00	66.91 3.68 -0.94
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	84.47 3.04 -9.11	81.23 3.27 -5.35	80.47 2.89 -5.42	80.54 2.89 -5.41	83.58 2.97 -8.30	80.79 3.11 -5.43	96.40 4.24 -9.11	155.71 7.01 -8.57	150.64 7.24 -9.39	127.89 6.01 -23.29	130.39 6.14 -16.53	127.09 6.41 -15.62	120.96 5.33 -28.28	124.21 4.45 -46.77	118.14 4.45 -40.78	113.30 4.61 -34.32	115.58 4.50 -38.57	126.76 4.73 -49.22	122.55 4.66 -45.16	113.03 4.42 -36.09	81.22 4.20 -4.59	77.87 3.77 -2.95	70.08 3.53 0.00	66.28 3.05 -0.94

E179THST_138_KV_TB4_REV_LBMP_J 345001	85.36 3.91 -9.14	82.04 4.07 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.97 3.33 -8.32	81.24 3.54 -5.45	97.09 4.90 -9.13	157.41 8.69 -8.59	152.27 8.84 -9.42	129.72 7.49 -23.64	132.23 7.65 -16.86	129.00 7.99 -15.95	123.01 6.64 -29.02	126.75 5.55 -48.22	120.46 5.47 -42.09	115.58 5.80 -35.41	117.81 5.51 -39.78	129.43 5.82 -50.79	125.09 5.75 -46.60	115.16 5.44 -37.21	82.41 5.29 -4.69	79.09 4.98 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
E179THST_13_KV_LOAD 356214	85.65 4.19 -9.14	82.33 4.36 -5.36	81.21 3.61 -5.43	81.27 3.61 -5.42	84.18 3.54 -8.32	81.52 3.83 -5.45	97.51 5.32 -9.13	157.97 9.25 -8.59	152.94 9.51 -9.42	130.21 7.99 -23.64	132.77 8.19 -16.86	129.42 8.41 -15.95	123.45 7.08 -29.02	127.11 5.91 -48.22	120.83 5.83 -42.09	115.96 6.17 -35.41	118.17 5.87 -39.78	129.79 6.19 -50.79	125.45 6.11 -46.60	115.53 5.80 -37.21	82.77 5.65 -4.69	79.45 5.34 -2.97	71.68 5.12 0.00	67.78 4.55 -0.94
EAST HAMPTON___GT 23717	141.59 9.11 -60.15	127.66 9.22 -45.82	127.02 8.66 -46.20	120.08 8.38 -39.47	125.73 8.24 -45.17	145.29 7.95 -65.10	152.13 9.80 -59.28	164.72 15.97 -8.62	185.31 15.54 -35.77	170.87 12.12 -60.16	152.44 11.41 -33.31	151.14 11.45 -34.62	148.82 9.52 -51.95	148.81 8.03 -67.80	144.56 7.95 -63.70	145.15 8.33 -62.45	150.19 8.05 -69.63	229.77 8.51 -148.44	227.05 8.36 -145.95	218.09 8.05 -137.53	144.86 7.67 -64.75	126.71 6.98 -48.58	108.00 6.19 -35.26	90.57 5.85 -22.42
EAST RIVER___6 23660	84.27 2.82 -9.14	81.02 3.05 -5.36	80.12 2.52 -5.43	80.26 2.60 -5.42	83.32 2.68 -8.32	80.51 2.81 -5.45	96.42 4.23 -9.13	156.29 7.56 -8.59	151.73 8.31 -9.42	129.53 7.30 -23.65	132.02 7.43 -16.87	128.80 7.77 -15.96	122.93 6.55 -29.03	126.61 5.40 -48.22	120.32 5.32 -42.09	115.44 5.65 -35.42	117.67 5.37 -39.79	129.29 5.68 -50.79	124.87 5.53 -46.61	114.96 5.22 -37.22	95.09 4.99 -17.66	78.52 4.41 -2.96	70.82 4.26 0.00	66.78 3.55 -0.94
EAST RIVER___7 23524	84.27 2.82 -9.14	81.02 3.05 -5.36	80.12 2.52 -5.43	80.26 2.60 -5.42	83.32 2.68 -8.32	80.51 2.81 -5.45	96.42 4.23 -9.13	156.29 7.56 -8.59	151.73 8.31 -9.42	129.53 7.30 -23.65	132.02 7.43 -16.87	128.80 7.77 -15.96	122.93 6.55 -29.03	126.61 5.40 -48.22	120.32 5.32 -42.09	115.44 5.65 -35.42	117.67 5.37 -39.79	129.29 5.68 -50.79	124.87 5.53 -46.61	114.96 5.22 -37.22	95.09 4.99 -17.66	78.52 4.41 -2.96	70.82 4.26 0.00	66.78 3.55 -0.94
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	84.55 3.11 -9.12	81.38 3.41 -5.35	80.55 2.96 -5.42	80.54 2.89 -5.41	83.59 2.97 -8.30	80.86 3.18 -5.44	96.58 4.40 -9.12	156.42 7.71 -8.58	151.58 8.17 -9.40	129.09 6.90 -23.60	131.67 7.11 -16.84	128.35 7.35 -15.93	122.43 6.11 -28.97	126.21 5.11 -48.12	120.02 5.10 -42.00	115.07 5.35 -35.34	117.29 5.08 -39.71	128.81 5.32 -50.69	124.56 5.31 -46.51	114.66 5.00 -37.14	81.96 4.85 -4.68	78.44 4.34 -2.95	70.68 4.13 0.00	66.78 3.55 -0.94
EAST_HAMPTON___DIESEL 23722	141.59 9.11 -60.15	127.66 9.22 -45.82	127.10 8.73 -46.20	120.08 8.38 -39.47	125.66 8.17 -45.17	145.22 7.88 -65.10	152.05 9.71 -59.28	164.45 15.69 -8.62	185.05 15.27 -35.77	170.78 12.02 -60.16	152.13 11.10 -33.31	150.81 11.13 -34.62	148.56 9.25 -51.95	148.59 7.81 -67.80	144.33 7.72 -63.70	144.93 8.11 -62.45	150.04 7.91 -69.63	229.62 8.37 -148.44	226.83 8.14 -145.95	217.87 7.83 -137.53	144.72 7.53 -64.75	126.49 6.76 -48.58	107.80 5.99 -35.26	90.44 5.73 -22.42
EAST_POINT___SOLAR 323840	173.32 6.58 -94.42	134.60 6.61 -55.38	134.80 6.50 -56.14	134.78 6.50 -56.04	164.87 6.58 -85.97	135.63 7.08 -56.30	186.34 8.89 -94.40	243.50 14.57 -88.79	245.12 13.81 -97.31	255.48 10.06 -146.83	194.33 9.80 -76.81	179.37 7.77 -66.53	177.28 5.42 -84.52	158.31 5.91 -79.42	136.61 5.76 -57.94	129.14 6.02 -48.75	137.96 6.67 -58.78	149.87 7.14 -69.92	144.10 7.20 -64.15	138.48 6.89 -59.07	116.50 6.59 -37.47	108.14 6.41 -30.59	72.41 5.86 0.00	77.17 5.17 -9.71
EAST_PULASKI___ESR 323781	71.09 -1.23 0.00	71.31 -1.30 0.00	70.72 -1.44 0.00	70.86 -1.37 0.00	71.02 -1.30 0.00	71.09 -1.16 0.00	81.39 -1.66 0.00	136.49 -3.64 0.00	130.66 -3.34 0.00	96.62 -1.97 0.00	105.25 -2.47 0.00	102.86 -2.21 -0.01	86.88 -1.66 -1.19	75.84 -1.09 -3.95	75.55 -1.17 -3.81	76.16 -1.42 -3.21	74.25 -1.74 -3.48	75.96 -1.46 -4.60	75.51 -1.45 -4.22	73.97 -1.66 -3.12	71.87 -1.74 -1.18	69.30 -1.85 0.00	64.96 -1.60 0.00	60.92 -1.37 0.00
EAST_RIVER___1 323558	84.71 3.26 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.01 7.98 -15.96	123.10 6.73 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.59 5.80 -35.42	117.89 5.58 -39.79	129.43 5.83 -50.79	125.09 5.75 -46.61	115.17 5.44 -37.22	95.31 5.22 -17.66	78.80 4.69 -2.96	71.08 4.53 0.00	67.10 3.86 -0.94
EAST_RIVER___2 323559	84.27 2.82 -9.14	81.02 3.05 -5.36	80.12 2.52 -5.43	80.26 2.60 -5.42	83.32 2.68 -8.32	80.51 2.81 -5.45	96.42 4.23 -9.13	156.29 7.56 -8.59	151.73 8.31 -9.42	129.53 7.30 -23.65	132.02 7.43 -16.87	128.80 7.77 -15.96	122.93 6.55 -29.03	126.61 5.40 -48.22	120.32 5.32 -42.09	115.44 5.65 -35.42	117.67 5.37 -39.79	129.29 5.68 -50.79	124.87 5.53 -46.61	114.96 5.22 -37.22	95.09 4.99 -17.66	78.52 4.41 -2.96	70.82 4.26 0.00	66.78 3.55 -0.94
EAST___DELAWARE_HYD 23607	85.19 3.26 -9.61	81.81 3.56 -5.64	81.05 3.17 -5.72	81.20 3.25 -5.71	84.33 3.26 -8.75	81.45 3.47 -5.73	97.23 4.57 -9.61	156.32 7.14 -9.04	151.15 7.23 -9.91	127.92 5.91 -23.42	130.04 6.03 -16.29	126.47 6.09 -15.31	119.58 4.98 -27.25	121.47 4.23 -44.26	115.51 4.15 -38.45	111.11 4.39 -32.35	113.20 4.28 -36.41	123.79 4.59 -46.39	119.82 4.51 -42.57	110.91 4.28 -34.12	92.83 4.05 -16.35	77.89 3.63 -3.11	69.81 3.26 0.00	66.15 2.87 -0.99
EIGHT_POINT___WT_PWR 323820	73.67 -1.23 -2.58	72.10 -2.03 -1.51	71.11 -2.59 -1.53	70.88 -2.89 -1.53	71.77 -2.90 -2.35	71.04 -2.75 -1.54	81.23 -4.40 -2.58	124.88 -11.77 3.48	121.76 -11.26 0.99	97.57 -7.10 -6.08	103.22 -8.62 -4.12	100.56 -8.41 -3.90	84.68 -6.29 -3.62	77.25 -4.82 -9.09	70.72 -4.81 -2.62	68.52 -5.06 0.79	66.05 -5.29 1.17	66.63 -5.02 1.16	66.44 -5.24 1.06	61.99 -6.02 4.50	64.91 -6.08 1.44	65.75 -6.19 -0.79	61.03 -5.52 0.00	57.76 -4.80 -0.27
ELBRIDGE_115KV_TB2 80188	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.51 -1.73 0.00	80.90 -2.16 0.00	134.41 -4.62 1.09	129.05 -4.29 0.67	98.13 -2.56 -2.11	106.59 -3.23 -2.11	104.03 -3.15 -2.12	88.69 -2.45 -3.79	77.42 -1.75 -6.19	76.47 -1.82 -5.38	76.82 -2.08 -4.53	75.24 -2.25 -4.97	77.34 -1.97 -6.50	76.66 -2.04 -5.96	74.23 -2.25 -3.96	70.32 -2.32 -0.20	68.80 -2.35 0.00	64.42 -2.13 0.00	60.30 -1.99 0.00
ELEC_TRO_TEK 24086	136.74 4.27 -60.15	122.94 4.50 -45.82	122.41 4.04 -46.20	115.68 3.97 -39.47	121.54 4.05 -45.17	141.61 4.26 -65.10	149.03 5.65 -60.33	158.53 9.81 -8.59	170.88 10.32 -26.56	160.53 8.48 -53.46	149.83 8.83 -33.28	148.69 9.04 -34.59	146.87 7.60 -51.92	147.10 6.35 -67.77	142.85 6.27 -63.67	143.33 6.54 -62.42	148.34 6.24 -69.60	168.12 6.35 -88.76	165.47 6.47 -86.25	159.58 6.16 -80.90	130.20 6.01 -51.75	125.14 5.41 -48.58	106.93 5.12 -35.26	89.20 4.49 -22.42

ELLENBURG_WT_PWR 323604	72.68 0.36 0.00	72.76 0.15 0.00	72.96 0.80 0.00	72.96 0.72 0.00	73.12 0.80 0.00	73.26 1.01 0.00	83.56 0.50 0.00	141.53 1.40 0.00	134.55 0.54 0.00	97.90 -0.69 0.00	107.29 -0.43 0.00	104.22 -0.84 0.00	86.56 -0.79 0.00	72.11 -0.87 0.00	71.74 -1.17 0.00	73.03 -1.34 0.00	71.35 -1.16 0.00	71.14 -1.67 0.00	70.92 -1.82 0.00	70.48 -2.03 0.00	70.33 -2.10 0.00	69.08 -2.07 0.00	64.22 -2.33 0.00	60.36 -1.93 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	69.07 -3.25 0.00	68.62 -3.99 0.00	67.76 -4.40 0.00	67.04 -5.20 0.00	67.98 -4.34 0.00	68.27 -3.97 0.00	76.33 -6.73 0.00	118.85 -16.68 4.61	115.22 -15.95 2.84	91.60 -10.06 -3.07	97.95 -12.82 -3.05	95.86 -12.29 -3.09	81.44 -10.05 -4.14	73.21 -7.81 -8.04	69.72 -8.02 -4.83	68.80 -8.40 -2.84	66.27 -9.06 -2.83	68.13 -8.74 -4.06	67.73 -8.73 -3.72	63.31 -9.06 0.14	61.20 -9.05 2.18	62.52 -8.61 0.02	59.43 -7.12 0.00	56.25 -6.04 0.00
EMPIRE_CC_1 323656	101.62 3.11 -26.20	91.39 3.41 -15.36	90.84 3.10 -15.57	90.96 3.17 -15.55	99.35 3.18 -23.85	90.97 3.10 -15.62	112.65 3.41 -26.19	169.81 5.04 -24.63	166.22 5.22 -27.00	152.60 4.24 -49.78	142.80 4.73 -30.35	137.58 4.94 -27.57	134.50 4.19 -42.96	135.83 3.50 -59.34	125.96 3.50 -49.55	119.56 3.50 -41.69	123.48 3.34 -47.63	135.73 3.13 -59.80	130.73 3.13 -54.87	121.43 3.55 -45.36	99.37 3.55 -23.38	82.98 3.34 -8.49	69.75 3.19 0.00	67.92 2.93 -2.69
EMPIRE_CC_2 323658	101.62 3.11 -26.20	91.39 3.41 -15.36	90.84 3.10 -15.57	90.96 3.17 -15.55	99.35 3.18 -23.85	90.97 3.10 -15.62	112.65 3.41 -26.19	169.81 5.04 -24.63	166.22 5.22 -27.00	152.60 4.24 -49.78	142.80 4.73 -30.35	137.58 4.94 -27.57	134.50 4.19 -42.96	135.83 3.50 -59.34	125.96 3.50 -49.55	119.56 3.50 -41.69	123.48 3.34 -47.63	135.73 3.13 -59.80	130.73 3.13 -54.87	121.43 3.55 -45.36	99.37 3.55 -23.38	82.98 3.34 -8.49	69.75 3.19 0.00	67.92 2.93 -2.69
ENORWICH_115KV_TB1 80156	85.22 6.65 -6.25	82.82 6.54 -3.67	81.94 6.06 -3.72	81.65 5.71 -3.71	83.94 5.93 -5.69	82.48 6.50 -3.73	96.70 7.39 -6.25	158.52 11.63 -6.75	152.52 11.52 -6.99	120.30 8.87 -12.84	124.89 8.94 -8.23	121.23 8.62 -7.55	108.45 7.34 -13.77	96.54 6.20 -17.35	96.63 5.91 -17.82	97.49 6.25 -16.88	97.44 5.87 -19.05	103.51 6.48 -24.22	100.85 5.89 -22.22	96.42 5.51 -18.40	82.30 5.29 -4.58	77.68 4.48 -2.05	70.48 3.93 0.00	66.30 3.36 -0.64
ERIE_ST__34_KV_TB1-2 80199	70.08 -2.24 0.00	69.64 -2.98 0.00	68.70 -3.46 0.00	67.98 -4.26 0.00	68.85 -3.47 0.00	69.14 -3.11 0.00	77.66 -5.40 0.00	121.53 -14.01 4.59	118.04 -13.13 2.84	93.30 -8.48 -3.19	99.90 -10.99 -3.17	97.76 -10.51 -3.21	82.28 -9.35 -4.27	73.19 -8.10 -8.31	69.55 -8.31 -4.96	69.37 -7.88 -2.88	67.64 -7.76 -2.89	69.22 -7.72 -4.12	68.81 -7.71 -3.79	64.91 -7.54 0.07	62.77 -7.46 2.21	63.59 -7.54 0.02	60.36 -6.19 0.00	57.12 -5.17 0.00
ERIE_WT_PWR 323693	69.50 -2.82 0.00	69.06 -3.56 0.00	68.20 -3.97 0.00	68.26 -3.97 0.00	68.34 -3.98 0.00	68.64 -3.61 0.00	76.82 -6.23 0.00	119.55 -15.98 4.61	115.88 -15.28 2.84	92.26 -9.46 -3.14	98.67 -12.17 -3.12	96.56 -11.67 -3.16	81.78 -9.78 -4.21	73.37 -7.81 -8.20	69.70 -8.10 -4.88	68.88 -8.33 -2.84	66.50 -8.85 -2.83	68.27 -8.59 -4.06	67.95 -8.51 -3.72	63.61 -8.78 0.13	63.85 -8.77 -0.18	62.80 -8.32 0.02	59.70 -6.85 0.00	56.75 -5.54 0.00
ESPRGFLD_115KV_TB1 80157	143.83 3.83 -67.68	116.37 4.07 -39.69	116.22 3.82 -40.23	116.09 3.68 -40.17	137.84 3.91 -61.61	116.79 4.19 -40.35	155.94 5.23 -67.66	211.86 8.55 -63.18	211.91 8.44 -69.46	211.72 6.41 -106.73	170.72 6.46 -56.54	159.92 5.78 -49.07	140.88 4.45 -49.07	91.43 4.09 -14.37	76.77 3.86 0.00	78.53 4.16 0.00	81.08 4.21 -4.36	77.40 4.59 0.00	77.25 4.51 0.00	85.01 4.21 -8.30	90.74 3.98 -14.32	96.70 3.63 -21.92	69.82 3.26 0.00	72.06 2.80 -6.96
ETNA_115_KV_TB1_REV_LBMP_C 345029	76.36 1.01 -3.03	75.26 0.87 -1.77	74.61 0.65 -1.80	74.54 0.51 -1.80	75.87 0.80 -2.76	74.99 0.94 -1.80	87.16 1.08 -3.03	147.33 0.56 -6.63	140.29 0.80 -5.48	106.61 1.08 -6.93	113.02 0.54 -4.76	109.87 0.42 -4.38	100.44 0.61 -12.48	88.09 0.66 -14.45	94.02 0.51 -20.60	96.97 0.59 -22.00	97.59 0.44 -24.64	105.21 0.80 -31.60	102.38 0.65 -28.98	97.97 0.44 -25.02	80.56 0.36 -7.76	72.27 0.07 -1.05	66.62 0.07 0.00	62.54 -0.06 -0.31
ETNA____115KV_TB2 80207	76.36 1.01 -3.03	75.26 0.87 -1.77	74.61 0.65 -1.80	74.54 0.51 -1.80	75.87 0.80 -2.76	74.99 0.94 -1.80	87.16 1.08 -3.03	147.33 0.56 -6.63	140.29 0.80 -5.48	106.61 1.08 -6.93	113.02 0.54 -4.76	109.87 0.42 -4.38	100.44 0.61 -12.48	88.09 0.66 -14.45	94.02 0.51 -20.60	96.97 0.59 -22.00	97.59 0.44 -24.64	105.21 0.80 -31.60	102.38 0.65 -28.98	97.97 0.44 -25.02	80.56 0.36 -7.76	72.27 0.07 -1.05	66.62 0.07 0.00	62.54 -0.06 -0.31
EUCLID____115KV_TB2 356179	70.22 -2.10 0.00	70.44 -2.18 0.00	69.78 -2.38 0.00	69.78 -2.46 0.00	70.08 -2.24 0.00	70.08 -2.17 0.00	80.40 -2.66 0.00	132.20 -5.47 2.47	127.53 -4.96 1.52	95.53 -3.06 0.00	103.95 -3.77 0.00	101.40 -3.68 -0.01	85.95 -2.80 -1.39	75.48 -2.12 -4.61	75.18 -2.19 -4.45	75.74 -2.38 -3.75	73.61 -2.68 -3.78	75.78 -2.40 -5.37	75.20 -2.47 -4.93	71.63 -2.68 -1.81	68.80 -2.68 0.95	68.44 -2.70 0.00	64.09 -2.46 0.00	59.99 -2.30 0.00
E_CANADA_CAP_HY 24051	165.22 5.14 -87.77	129.32 5.23 -51.47	129.39 5.05 -52.18	129.46 5.13 -52.09	157.43 5.21 -79.90	130.14 5.56 -52.33	177.77 6.98 -87.74	233.66 11.35 -82.18	235.08 10.85 -90.23	243.33 7.89 -136.85	187.46 7.97 -71.76	174.02 6.73 -62.22	173.42 5.15 -80.91	158.30 4.82 -80.51	137.78 4.67 -60.20	130.09 5.06 -50.66	138.22 5.29 -60.42	151.15 5.68 -72.65	145.08 5.68 -66.66	137.79 5.37 -59.91	114.26 5.07 -36.76	104.56 4.98 -28.43	71.14 4.59 0.00	75.31 3.99 -9.02
E_CANADA_MHWK_HY 24050	76.81 4.49 0.00	76.39 3.77 0.00	74.98 2.81 0.00	74.26 2.02 0.00	73.91 1.59 0.00	73.69 1.44 0.00	84.63 1.57 0.00	142.51 2.38 0.00	136.69 2.68 0.00	100.86 2.27 0.00	110.52 2.80 0.00	108.00 2.94 0.00	90.14 2.79 0.00	75.68 2.70 0.00	75.97 3.06 0.00	77.72 3.35 0.00	75.99 3.48 0.00	76.67 3.86 0.00	76.52 3.78 0.00	75.78 3.27 0.00	75.19 2.75 0.00	73.57 2.42 0.00	68.49 1.93 0.00	63.91 1.62 0.00
E_FISHKILL____LBMP 23776	84.58 2.97 -9.29	81.33 3.27 -5.45	80.58 2.89 -5.52	80.57 2.82 -5.51	83.67 2.89 -8.46	80.82 3.03 -5.54	96.41 4.07 -9.29	155.88 7.01 -8.74	150.95 7.37 -9.58	128.88 6.21 -24.08	131.27 6.36 -17.19	127.95 6.62 -16.26	122.46 5.50 -29.60	126.86 4.67 -49.21	120.46 4.59 -42.96	115.35 4.83 -36.15	117.69 4.57 -40.61	129.45 4.81 -51.84	125.03 4.73 -47.57	115.06 4.57 -37.98	81.63 4.42 -4.78	78.14 3.98 -3.01	70.28 3.73 0.00	66.49 3.24 -0.96
FALCON____SEABRD_CC1 323796	73.91 1.59 0.00	73.99 1.38 0.00	74.12 1.95 0.00	74.19 1.95 0.00	74.27 1.95 0.00	74.41 2.17 0.00	84.30 1.25 0.00	142.51 2.38 0.00	135.48 1.48 0.00	98.59 0.00 0.00	108.04 0.32 0.00	104.86 -0.21 0.00	87.09 -0.26 0.00	72.55 -0.44 0.00	72.25 -0.66 0.00	73.63 -0.74 0.00	71.93 -0.58 0.00	71.79 -1.02 0.00	71.57 -1.17 0.00	71.13 -1.38 0.00	70.91 -1.52 0.00	69.65 -1.50 0.00	64.76 -1.79 0.00	61.17 -1.12 0.00

FALCON___SEABRD_CC2 323797	73.91 1.59 0.00	73.99 1.38 0.00	74.12 1.95 0.00	74.19 1.95 0.00	74.27 1.95 0.00	74.41 2.17 0.00	84.30 1.25 0.00	142.51 2.38 0.00	135.48 1.48 0.00	98.59 0.00 0.00	108.04 0.32 0.00	104.86 -0.21 0.00	87.09 -0.26 0.00	72.55 -0.44 0.00	72.25 -0.66 0.00	73.63 -0.74 0.00	71.93 -0.58 0.00	71.79 -1.02 0.00	71.57 -1.17 0.00	71.13 -1.38 0.00	70.91 -1.52 0.00	69.65 -1.50 0.00	64.76 -1.79 0.00	61.17 -1.12 0.00
FAR ROCKAWAY___4 23548	137.68 5.21 -60.15	123.81 5.37 -45.82	123.28 4.91 -46.20	116.55 4.84 -39.47	122.33 4.85 -45.17	142.11 4.77 -65.10	150.69 6.06 -61.57	159.37 10.65 -8.59	171.82 11.26 -26.56	161.31 9.27 -53.46	150.70 9.69 -33.28	149.53 9.88 -34.59	147.57 8.30 -51.92	147.68 6.93 -67.77	143.36 6.78 -63.67	143.85 7.07 -62.42	148.85 6.74 -69.60	168.71 7.14 -88.76	166.05 7.06 -86.25	160.16 6.74 -80.90	130.70 6.52 -51.75	125.92 6.19 -48.58	107.73 5.92 -35.26	89.89 5.17 -22.42
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	84.78 3.33 -9.14	81.53 3.56 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.68 3.04 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.01 7.99 -15.96	123.10 6.73 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.66 5.88 -35.42	117.89 5.58 -39.79	129.50 5.90 -50.80	125.09 5.75 -46.61	115.24 5.51 -37.22	82.41 5.29 -4.69	78.80 4.70 -2.96	71.15 4.59 0.00	67.16 3.92 -0.94
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	84.78 3.33 -9.14	81.53 3.56 -5.36	80.63 3.03 -5.43	80.62 2.96 -5.42	83.68 3.04 -8.32	81.02 3.32 -5.45	96.92 4.73 -9.13	157.13 8.41 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.01 7.99 -15.96	123.10 6.73 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.66 5.88 -35.42	117.89 5.58 -39.79	129.50 5.90 -50.80	125.17 5.82 -46.61	115.24 5.51 -37.22	82.41 5.29 -4.69	78.87 4.77 -2.96	71.15 4.59 0.00	67.22 3.99 -0.94
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	129.01 7.99 -15.96	123.10 6.73 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.59 5.80 -35.42	117.81 5.51 -39.79	129.43 5.82 -50.80	125.09 5.75 -46.61	115.17 5.44 -37.22	82.34 5.22 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
FARRAGUT___LBMP 323566	84.71 3.25 -9.14	81.39 3.41 -5.36	80.48 2.89 -5.43	80.55 2.89 -5.42	83.53 2.89 -8.32	80.87 3.18 -5.45	96.76 4.57 -9.13	156.99 8.27 -8.59	152.13 8.71 -9.42	129.63 7.39 -23.65	132.13 7.54 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.75 5.55 -48.22	120.47 5.47 -42.09	115.51 5.73 -35.42	117.81 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.10 5.37 -37.22	82.34 5.22 -4.69	78.73 4.62 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
FENNER___WINDPWR 24204	73.98 1.66 0.00	74.29 1.67 0.00	73.61 1.44 0.00	73.68 1.44 0.00	73.84 1.52 0.00	73.98 1.73 0.00	84.97 1.91 0.00	142.36 2.53 0.30	136.51 2.68 0.18	103.05 2.27 -2.19	112.19 2.27 -2.21	109.37 2.10 -2.21	94.07 1.84 -4.89	81.62 1.68 -6.96	82.11 1.60 -7.59	83.21 1.56 -7.27	81.86 1.31 -8.04	84.78 1.53 -10.44	83.77 1.45 -9.58	81.06 1.31 -7.24	76.87 1.23 -3.21	72.16 1.00 -0.01	67.42 0.86 0.00	63.04 0.75 0.00
FIBERTEK___ENERGY 23856	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.59 -1.66 0.00	80.98 -2.08 0.00	134.42 -4.48 1.23	129.23 -4.02 0.76	96.12 -2.46 0.00	104.70 -3.02 0.00	102.03 -3.05 -0.01	86.68 -2.27 -1.60	76.69 -1.61 -5.31	76.29 -1.75 -5.13	76.75 -1.93 -4.32	74.87 -2.18 -4.53	77.11 -1.89 -6.19	76.45 -1.96 -5.68	73.69 -2.10 -3.28	69.79 -2.17 0.47	68.94 -2.21 0.00	64.56 -2.00 0.00	60.36 -1.93 0.00
FITZPATRICK___ 23598	69.35 -2.97 0.00	69.57 -3.05 0.00	69.06 -3.10 0.00	69.13 -3.10 0.00	69.29 -3.03 0.00	69.22 -3.03 0.00	79.40 -3.65 0.00	132.90 -6.86 0.37	127.35 -6.43 0.23	94.25 -4.34 0.00	102.66 -5.06 0.00	100.24 -4.83 -0.01	84.45 -3.93 -1.03	73.34 -3.06 -3.42	73.15 -3.06 -3.30	73.88 -3.27 -2.78	72.07 -3.41 -2.97	73.52 -3.28 -3.99	73.12 -3.27 -3.66	71.46 -3.48 -2.43	69.83 -3.48 -0.88	67.66 -3.48 0.00	63.43 -3.13 0.00	59.37 -2.93 0.00
FLOWRFLD_69_KV_BK1 356044	139.20 6.73 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	117.99 6.28 -39.47	123.78 6.29 -45.17	143.92 6.57 -65.10	150.83 8.47 -59.30	163.76 14.99 -8.63	188.80 15.54 -39.25	173.61 12.32 -62.70	153.65 12.60 -33.32	152.41 12.71 -34.63	149.88 10.57 -51.96	149.69 8.90 -67.81	145.44 8.82 -63.71	146.05 9.22 -62.46	151.14 8.99 -69.64	252.98 9.17 -171.00	250.34 9.09 -168.51	240.58 9.14 -158.93	132.92 8.69 -51.79	127.70 7.97 -48.58	109.06 7.25 -35.26	91.01 6.29 -22.42
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	85.74 3.98 -9.44	82.36 4.21 -5.54	81.60 3.82 -5.61	81.67 3.83 -5.60	84.75 3.83 -8.59	81.92 4.05 -5.63	97.81 5.32 -9.44	157.70 8.69 -8.88	152.71 8.98 -9.73	130.00 7.30 -24.11	132.37 7.54 -17.11	128.90 7.67 -16.17	123.09 6.46 -29.28	126.81 5.40 -48.43	120.53 5.40 -42.23	115.48 5.58 -35.53	117.81 5.37 -39.93	129.45 5.68 -50.96	125.10 5.60 -46.76	115.17 5.29 -37.37	82.25 5.07 -4.75	78.83 4.62 -3.06	70.81 4.26 0.00	67.00 3.74 -0.97
FORT ORANGE___ 23900	119.58 3.04 -44.22	101.89 3.34 -25.93	101.56 3.10 -26.29	101.66 3.17 -26.25	115.76 3.18 -40.26	101.79 3.18 -26.37	130.00 2.74 -44.21	185.64 3.92 -41.58	183.59 4.02 -45.57	177.61 3.25 -75.77	154.14 3.45 -42.98	146.86 3.57 -38.22	144.47 3.06 -54.07	139.62 2.62 -64.01	126.73 2.77 -51.05	119.78 2.45 -42.96	124.72 2.25 -49.96	136.53 2.11 -61.61	131.45 2.18 -56.53	123.22 2.25 -48.46	101.53 2.10 -26.99	87.54 2.06 -14.33	68.75 2.19 0.00	69.46 2.62 -4.55
FORT_DRUM_COGEN 23780	75.00 2.68 0.00	75.08 2.47 0.00	74.55 2.38 0.00	74.48 2.24 0.00	74.71 2.39 0.00	75.14 2.89 0.00	85.88 2.82 0.00	144.20 4.06 0.00	137.89 3.89 0.00	101.84 3.25 0.00	111.38 3.66 0.00	108.33 3.26 -0.01	90.96 2.80 -0.81	78.45 2.77 -2.70	78.14 2.62 -2.60	79.09 2.53 -2.19	77.13 2.25 -2.37	78.50 2.55 -3.14	78.17 2.55 -2.88	77.04 2.39 -2.13	74.68 2.25 0.00	73.00 1.85 0.00	68.08 1.53 0.00	63.60 1.31 0.00
FOX_HILLS___ESR 323835	83.92 3.18 -8.41	74.25 3.34 1.70	80.27 2.67 -5.43	80.33 2.67 -5.42	75.81 2.68 -0.81	79.78 2.96 -4.57	96.76 4.57 -9.13	157.27 8.55 -8.59	152.40 8.98 -9.42	129.93 7.69 -23.66	90.84 7.86 24.74	129.23 8.20 -15.97	83.85 6.81 10.31	87.59 5.69 -8.92	81.66 5.61 -3.14	115.82 6.02 -35.43	118.11 5.80 -39.80	129.81 6.19 -50.81	125.54 6.18 -46.62	115.54 5.80 -37.23	82.70 5.58 -4.69	79.02 4.91 -2.97	71.35 4.79 0.00	67.41 4.17 -0.94
FPL FAR_ROCK_GT1 24212	137.68 5.21 -60.15	123.81 5.37 -45.82	123.28 4.91 -46.20	116.62 4.91 -39.47	122.47 4.99 -45.17	142.11 4.77 -65.10	150.68 6.06 -61.57	159.37 10.64 -8.59	171.82 11.26 -26.56	161.31 9.26 -53.46	150.70 9.70 -33.28	149.53 9.87 -34.59	147.57 8.30 -51.92	147.69 6.94 -67.77	143.36 6.78 -63.67	143.78 6.99 -62.42	148.85 6.74 -69.60	168.63 7.06 -88.76	166.05 7.05 -86.25	160.16 6.74 -80.90	143.67 6.52 -64.72	125.92 6.19 -48.58	107.73 5.92 -35.26	89.88 5.17 -22.42

FPL FAR_ROCK_GT2 23815	137.68 5.21 -60.15	123.81 5.37 -45.82	123.28 4.91 -46.20	116.62 4.91 -39.47	122.47 4.99 -45.17	142.11 4.77 -65.10	150.68 6.06 -61.57	159.37 10.64 -8.59	171.82 11.26 -26.56	161.31 9.26 -53.46	150.70 9.70 -33.28	149.53 9.87 -34.59	147.57 8.30 -51.92	147.69 6.94 -67.77	143.36 6.78 -63.67	143.78 6.99 -62.42	148.85 6.74 -69.60	168.63 7.06 -88.76	166.05 7.05 -86.25	160.16 6.74 -80.90	143.67 6.52 -64.72	125.92 6.19 -48.58	107.73 5.92 -35.26	89.88 5.17 -22.42
FRANKLIN_FALL_HYD 24054	74.34 2.02 0.00	74.43 1.82 0.00	74.55 2.38 0.00	74.77 2.53 0.00	74.63 2.31 0.00	74.70 2.46 0.00	85.13 2.08 0.00	143.64 3.50 0.00	136.69 2.68 0.00	99.48 0.89 0.00	109.34 1.62 0.00	106.12 1.05 0.00	87.79 0.44 0.00	73.42 0.44 0.00	73.13 0.22 0.00	74.59 0.22 0.00	72.88 0.36 0.00	72.81 0.00 0.00	72.67 -0.07 0.00	72.22 -0.29 0.00	72.07 -0.36 0.00	70.79 -0.36 0.00	65.96 -0.60 0.00	61.98 -0.31 0.00
FREEPORT_EQUUS_GT1 23764	137.03 4.56 -60.15	123.16 4.72 -45.82	122.62 4.26 -46.20	115.97 4.26 -39.47	121.83 4.34 -45.17	141.90 4.55 -65.10	149.28 5.90 -60.33	159.09 10.37 -8.59	171.55 10.99 -26.56	161.02 8.97 -53.46	150.27 9.27 -33.28	149.11 9.46 -34.59	147.22 7.95 -51.92	147.39 6.64 -67.77	143.14 6.56 -63.67	143.63 6.84 -62.42	148.71 6.60 -69.60	168.26 6.69 -88.76	165.61 6.62 -86.25	159.80 6.38 -80.90	143.53 6.38 -64.72	125.49 5.76 -48.58	107.46 5.65 -35.26	89.64 4.92 -22.42
FREEPORT___CT2 23818	137.03 4.56 -60.15	123.16 4.72 -45.82	122.62 4.26 -46.20	115.97 4.26 -39.47	121.83 4.34 -45.17	141.90 4.55 -65.10	149.28 5.90 -60.33	159.09 10.37 -8.59	171.55 10.99 -26.56	161.02 8.97 -53.46	150.27 9.27 -33.28	149.11 9.46 -34.59	147.22 7.95 -51.92	147.39 6.64 -67.77	143.14 6.56 -63.67	143.63 6.84 -62.42	148.71 6.60 -69.60	168.26 6.69 -88.76	165.61 6.62 -86.25	159.80 6.38 -80.90	143.53 6.38 -64.72	125.49 5.76 -48.58	107.46 5.65 -35.26	89.64 4.92 -22.42
FRESHKLS_33_KV_LOAD 356253	83.63 2.89 -8.41	74.03 3.12 1.70	80.05 2.45 -5.43	80.12 2.46 -5.42	75.59 2.46 -0.81	79.56 2.75 -4.57	96.51 4.32 -9.13	156.85 8.13 -8.59	152.00 8.58 -9.42	129.64 7.39 -23.66	90.41 7.43 24.74	89.42 7.88 23.52	83.59 6.55 10.31	87.30 5.40 -8.92	81.44 5.40 -3.14	115.60 5.80 -35.43	117.90 5.58 -39.80	129.66 6.04 -50.81	125.39 6.04 -46.62	115.40 5.66 -37.23	82.55 5.43 -4.69	78.88 4.77 -2.97	71.21 4.66 0.00	67.22 3.99 -0.94
FULTON COGEN____ 23766	70.15 -2.17 0.00	70.36 -2.25 0.00	69.78 -2.38 0.00	69.78 -2.46 0.00	70.08 -2.24 0.00	70.08 -2.17 0.00	80.40 -2.66 0.00	135.28 -5.33 -0.47	129.47 -4.82 -0.29	95.53 -3.06 0.00	103.95 -3.77 0.00	101.40 -3.68 -0.01	85.86 -2.80 -1.31	75.20 -2.12 -4.34	74.91 -2.19 -4.19	75.51 -2.38 -3.52	73.77 -2.61 -3.87	75.46 -2.40 -5.05	74.97 -2.40 -4.64	73.68 -2.61 -3.78	69.94 -2.68 -0.18	68.44 -2.70 0.00	64.09 -2.46 0.00	60.05 -2.24 0.00
FULTON___LFGE 323630	174.21 5.79 -96.10	134.85 5.88 -56.36	135.00 5.70 -57.13	135.06 5.78 -57.04	165.60 5.79 -87.49	135.68 6.14 -57.30	186.76 7.64 -96.07	242.97 12.47 -90.37	244.96 11.92 -99.03	256.61 8.68 -149.35	194.74 8.94 -78.08	180.66 7.98 -67.61	178.98 6.20 -85.42	157.68 5.54 -79.15	135.75 5.47 -57.37	128.45 5.80 -48.27	136.89 6.02 -58.36	148.30 6.26 -69.23	142.59 6.33 -63.52	137.40 6.09 -58.80	115.85 5.80 -37.62	107.90 5.62 -31.13	71.75 5.19 0.00	76.79 4.61 -9.88
G.F.CEMENT___DRP 24184	176.00 6.44 -97.24	136.18 6.54 -57.03	136.33 6.35 -57.81	136.24 6.28 -57.71	167.21 6.36 -88.53	135.42 5.20 -57.97	186.58 6.31 -97.21	242.08 10.51 -91.44	244.40 10.18 -100.21	258.07 7.79 -151.69	195.70 8.40 -79.58	182.23 8.20 -68.97	179.44 6.64 -85.45	153.55 5.47 -75.10	131.30 5.32 -53.07	124.52 5.50 -44.65	132.58 5.51 -54.56	142.38 5.53 -64.04	137.02 5.53 -58.76	133.33 5.29 -55.52	99.15 6.37 -20.34	108.84 6.19 -31.50	72.34 5.79 0.00	77.59 5.30 -10.00
GARDENVILLE___LBMP 24039	69.28 -3.04 0.00	68.84 -3.78 0.00	67.91 -4.26 0.00	67.25 -4.98 0.00	68.13 -4.19 0.00	68.42 -3.83 0.00	76.58 -6.48 0.00	119.40 -16.12 4.62	115.74 -15.41 2.85	91.95 -9.76 -3.13	98.33 -12.50 -3.11	96.23 -11.98 -3.14	81.66 -9.87 -4.18	73.33 -7.81 -8.15	69.73 -8.02 -4.84	68.92 -8.26 -2.80	66.46 -8.85 -2.79	68.30 -8.52 -4.00	67.90 -8.51 -3.68	63.56 -8.77 0.18	61.45 -8.76 2.22	62.73 -8.40 0.02	59.63 -6.92 0.00	56.38 -5.92 0.00
GARDNVLA_35_KV_LD 355827	69.57 -2.75 0.00	69.13 -3.49 0.00	68.27 -3.90 0.00	67.54 -4.70 0.00	68.41 -3.91 0.00	68.71 -3.54 0.00	76.91 -6.15 0.00	119.97 -15.55 4.60	116.29 -14.87 2.84	92.37 -9.37 -3.15	98.89 -11.96 -3.13	96.67 -11.56 -3.17	81.96 -9.61 -4.22	73.61 -7.59 -8.22	70.01 -7.80 -4.90	69.12 -8.11 -2.85	66.73 -8.63 -2.85	68.59 -8.30 -4.08	68.19 -8.29 -3.74	63.92 -8.48 0.11	61.75 -8.47 2.20	62.95 -8.18 0.02	59.83 -6.72 0.00	56.63 -5.67 0.00
GELCKHM___115KV_LOAD 80723	70.37 -1.95 0.00	70.58 -2.03 0.00	70.00 -2.16 0.00	69.93 -2.31 0.00	70.22 -2.10 0.00	70.30 -1.95 0.00	80.65 -2.41 0.00	133.03 -5.04 2.06	128.18 -4.56 1.27	95.73 -2.86 0.00	104.16 -3.55 0.00	101.71 -3.36 -0.01	86.20 -2.62 -1.47	75.96 -1.90 -4.87	75.58 -2.04 -4.71	76.10 -2.23 -3.96	74.10 -2.47 -4.05	76.23 -2.26 -5.68	75.70 -2.25 -5.21	72.37 -2.47 -2.32	69.11 -2.54 0.79	68.59 -2.56 0.00	64.29 -2.26 0.00	60.11 -2.18 0.00
GENERAL___MILLS 23808	69.50 -2.82 0.00	69.06 -3.56 0.00	68.12 -4.04 0.00	67.40 -4.84 0.00	68.34 -3.98 0.00	68.56 -3.68 0.00	76.83 -6.23 0.00	119.69 -15.84 4.61	116.15 -15.01 2.84	92.27 -9.46 -3.14	98.67 -12.17 -3.12	96.56 -11.66 -3.16	81.86 -9.70 -4.21	73.44 -7.74 -8.20	69.85 -7.95 -4.88	69.03 -8.18 -2.84	66.64 -8.70 -2.83	68.49 -8.37 -4.05	68.10 -8.36 -3.72	63.76 -8.63 0.13	61.68 -8.55 2.21	62.88 -8.25 0.02	59.77 -6.79 0.00	56.56 -5.73 0.00
GE_PLASTICS___DRP 24183	110.31 2.46 -35.53	96.21 2.76 -20.83	95.88 2.60 -21.12	95.85 2.53 -21.09	107.20 2.53 -32.34	95.96 2.53 -21.18	121.31 2.74 -35.52	177.61 4.06 -33.41	174.77 4.15 -36.61	165.44 3.45 -63.40	148.44 3.66 -37.05	142.20 3.89 -33.25	139.68 3.23 -49.10	138.30 2.77 -62.54	126.79 2.84 -51.04	119.99 2.68 -42.94	124.47 2.47 -49.50	136.80 2.40 -61.59	131.72 2.47 -56.51	122.55 2.47 -47.57	84.61 2.39 -9.79	84.93 2.28 -11.51	68.82 2.26 0.00	68.19 2.24 -3.65
GILBOA___1 23756	80.00 2.02 -5.66	78.69 2.76 -3.32	77.99 2.46 -3.36	78.12 2.53 -3.36	80.00 2.53 -5.15	77.64 2.02 -3.37	91.20 2.49 -5.66	148.88 3.79 -4.96	143.64 4.02 -5.61	120.39 3.45 -18.35	125.54 3.66 -14.15	122.46 3.78 -13.62	116.72 3.14 -26.23	121.69 2.70 -46.01	116.14 2.62 -40.61	111.22 2.67 -34.17	113.24 2.54 -38.19	124.52 2.70 -49.01	120.32 2.61 -44.97	110.38 2.54 -35.33	91.27 2.46 -16.38	75.19 2.21 -1.83	68.68 2.13 0.00	64.81 1.93 -0.58
GILBOA___2 23757	80.00 2.02 -5.66	78.69 2.76 -3.32	77.99 2.46 -3.36	78.12 2.53 -3.36	80.00 2.53 -5.15	77.64 2.02 -3.37	91.20 2.49 -5.66	148.88 3.79 -4.96	143.64 4.02 -5.61	120.39 3.45 -18.35	125.54 3.66 -14.15	122.46 3.78 -13.62	116.72 3.14 -26.23	121.69 2.70 -46.01	116.14 2.62 -40.61	111.22 2.67 -34.17	113.24 2.54 -38.19	124.52 2.70 -49.01	120.32 2.61 -44.97	110.38 2.54 -35.33	91.27 2.46 -16.38	75.19 2.21 -1.83	68.68 2.13 0.00	64.81 1.93 -0.58

GILBOA___3 23758	80.00 2.02 -5.66	78.69 2.76 -3.32	77.99 2.46 -3.36	78.12 2.53 -3.36	80.00 2.53 -5.15	77.64 2.02 -3.37	91.20 2.49 -5.66	148.88 3.79 -4.96	143.64 4.02 -5.61	120.39 3.45 -18.35	125.54 3.66 -14.15	122.46 3.78 -13.62	116.72 3.14 -26.23	121.69 2.70 -46.01	116.14 2.62 -40.61	111.22 2.67 -34.17	113.24 2.54 -38.19	124.52 2.70 -49.01	120.32 2.61 -44.97	110.38 2.54 -35.33	91.27 2.46 -16.38	75.19 2.21 -1.83	68.68 2.13 0.00	64.81 1.93 -0.58
GILBOA___4 23759	80.00 2.02 -5.66	78.69 2.76 -3.32	77.99 2.46 -3.36	78.12 2.53 -3.36	80.00 2.53 -5.15	77.64 2.02 -3.37	91.20 2.49 -5.66	148.88 3.79 -4.96	143.64 4.02 -5.61	120.39 3.45 -18.35	125.54 3.66 -14.15	122.46 3.78 -13.62	116.72 3.14 -26.23	121.69 2.70 -46.01	116.14 2.62 -40.61	111.22 2.67 -34.17	113.24 2.54 -38.19	124.52 2.70 -49.01	120.32 2.61 -44.97	110.38 2.54 -35.33	91.27 2.46 -16.38	75.19 2.21 -1.83	68.68 2.13 0.00	64.81 1.93 -0.58
GILBOA___ 23599	80.00 2.02 -5.66	78.69 2.76 -3.32	77.98 2.45 -3.36	77.98 2.38 -3.36	79.93 2.46 -5.15	77.64 2.02 -3.37	91.20 2.49 -5.66	148.88 3.78 -4.96	143.64 4.02 -5.61	120.39 3.45 -18.35	125.53 3.66 -14.15	122.47 3.78 -13.62	116.72 3.14 -26.23	121.69 2.70 -46.01	116.15 2.62 -40.61	111.22 2.68 -34.17	113.24 2.54 -38.19	124.51 2.69 -49.01	120.33 2.62 -44.97	110.38 2.54 -35.33	78.76 2.46 -3.86	75.19 2.21 -1.83	68.68 2.13 0.00	64.75 1.87 -0.58
GINNA___ 23603	67.19 -5.13 0.00	67.09 -5.52 0.00	66.46 -5.70 0.00	66.68 -5.56 0.00	66.82 -5.50 0.00	67.05 -5.20 0.00	76.00 -7.06 0.00	121.69 -14.15 4.29	117.83 -13.53 2.65	92.13 -8.77 -2.31	99.47 -10.55 -2.31	97.20 -10.19 -2.33	82.86 -7.95 -3.46	73.51 -5.84 -6.37	71.26 -6.05 -4.40	70.73 -6.69 -3.05	68.07 -7.47 -3.03	70.27 -6.92 -4.37	69.84 -6.91 -4.01	65.15 -7.54 -0.18	65.05 -7.53 -0.15	63.88 -7.26 0.01	60.10 -6.45 0.00	56.44 -5.86 0.00
GLEN PARK___ 23778	75.50 3.18 0.00	75.59 2.98 0.00	74.98 2.81 0.00	74.98 2.74 0.00	75.14 2.82 0.00	75.64 3.40 0.00	86.46 3.41 0.00	145.17 5.04 0.00	138.70 4.69 0.00	102.43 3.84 0.00	111.92 4.20 0.00	108.96 3.89 -0.01	91.43 3.23 -0.84	78.91 3.14 -2.79	78.67 3.06 -2.70	79.69 3.05 -2.27	77.66 2.68 -2.46	79.20 3.13 -3.26	78.85 3.13 -2.99	77.62 2.90 -2.21	76.02 2.75 -0.83	73.42 2.28 0.00	68.49 1.93 0.00	63.98 1.68 0.00
GLENDALE_27_KV_LOAD 356172	85.29 3.83 -9.14	81.97 3.99 -5.36	80.99 3.39 -5.43	81.06 3.40 -5.42	84.04 3.40 -8.32	81.38 3.68 -5.45	97.51 5.32 -9.13	158.40 9.67 -8.59	153.47 10.05 -9.42	130.72 8.48 -23.66	133.22 8.62 -16.88	129.96 8.93 -15.97	123.90 7.51 -29.04	127.49 6.28 -48.23	121.21 6.20 -42.10	116.27 6.47 -35.43	118.55 6.24 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.90 6.16 -37.23	83.06 5.94 -4.69	79.45 5.34 -2.97	71.68 5.12 0.00	67.72 4.49 -0.94
GLENWOOD_IC_1_G5 23712	137.17 4.70 -60.15	123.30 4.87 -45.82	122.77 4.40 -46.20	115.97 4.26 -39.47	121.83 4.34 -45.17	141.97 4.62 -65.10	149.45 6.06 -60.33	159.51 10.79 -8.59	172.09 11.52 -26.56	161.51 9.46 -53.46	150.80 9.80 -33.28	149.63 9.98 -34.59	147.66 8.39 -51.92	147.75 7.01 -67.77	143.43 6.85 -63.67	143.93 7.14 -62.42	149.00 6.89 -69.60	168.78 7.21 -88.76	166.12 7.13 -86.25	160.30 6.89 -80.90	130.70 6.52 -51.75	125.64 5.91 -48.58	107.33 5.52 -35.26	89.51 4.80 -22.42
GLENWOOD_IC_2_G1 23688	137.25 4.77 -60.15	123.38 4.94 -45.82	122.84 4.48 -46.20	116.19 4.48 -39.47	121.97 4.49 -45.17	142.04 4.69 -65.10	149.53 6.15 -60.33	159.51 10.79 -8.59	172.09 11.53 -26.56	161.42 9.37 -53.46	150.80 9.80 -33.28	149.64 9.99 -34.59	147.57 8.30 -51.92	147.69 6.94 -67.77	143.43 6.85 -63.67	143.86 7.07 -62.42	148.92 6.81 -69.60	168.71 7.14 -88.76	166.05 7.05 -86.25	160.23 6.81 -80.90	143.67 6.52 -64.72	125.63 5.90 -48.58	107.40 5.59 -35.26	89.58 4.86 -22.42
GLENWOOD_IC_3_G1 23689	137.25 4.77 -60.15	123.38 4.94 -45.82	122.84 4.48 -46.20	116.19 4.48 -39.47	121.97 4.49 -45.17	142.04 4.69 -65.10	149.53 6.15 -60.33	159.51 10.79 -8.59	172.09 11.53 -26.56	161.42 9.37 -53.46	150.80 9.80 -33.28	149.64 9.99 -34.59	147.57 8.30 -51.92	147.69 6.94 -67.77	143.43 6.85 -63.67	143.86 7.07 -62.42	148.92 6.81 -69.60	168.71 7.14 -88.76	166.05 7.05 -86.25	160.23 6.81 -80.90	143.67 6.52 -64.72	125.63 5.90 -48.58	107.40 5.59 -35.26	89.58 4.86 -22.42
GLENWOOD___4 23550	137.25 4.77 -60.15	123.38 4.94 -45.82	122.84 4.47 -46.20	116.11 4.41 -39.47	121.90 4.41 -45.17	142.04 4.70 -65.10	149.53 6.15 -60.33	159.65 10.93 -8.59	172.22 11.66 -26.56	161.61 9.56 -53.46	151.02 10.02 -33.28	149.74 10.09 -34.59	147.74 8.47 -51.92	147.83 7.08 -67.77	143.51 6.93 -63.67	144.00 7.21 -62.42	149.07 6.96 -69.60	168.85 7.28 -88.76	166.19 7.20 -86.25	160.38 6.96 -80.90	130.85 6.66 -51.75	125.71 5.98 -48.58	107.40 5.59 -35.26	89.57 4.86 -22.42
GLENWOOD___5 23614	137.25 4.77 -60.15	123.38 4.94 -45.82	122.84 4.47 -46.20	116.11 4.41 -39.47	121.90 4.41 -45.17	142.04 4.70 -65.10	149.53 6.15 -60.33	159.65 10.93 -8.59	172.22 11.66 -26.56	161.61 9.56 -53.46	151.02 10.02 -33.28	149.74 10.09 -34.59	147.74 8.47 -51.92	147.83 7.08 -67.77	143.51 6.93 -63.67	144.00 7.21 -62.42	149.07 6.96 -69.60	168.85 7.28 -88.76	166.19 7.20 -86.25	160.38 6.96 -80.90	130.85 6.66 -51.75	125.71 5.98 -48.58	107.40 5.59 -35.26	89.57 4.86 -22.42
GLOBAL GREEN_PORT_GT1 23814	141.44 8.97 -60.15	127.52 9.08 -45.82	126.95 8.58 -46.20	120.01 8.30 -39.47	125.66 8.17 -45.17	145.36 8.02 -65.10	152.38 10.05 -59.28	165.42 16.67 -8.62	186.12 16.34 -35.77	171.57 12.81 -60.17	153.41 12.38 -33.31	152.07 12.39 -34.62	149.69 10.39 -51.95	149.46 8.68 -67.80	145.28 8.67 -63.70	145.81 9.00 -62.45	150.91 8.77 -69.63	230.52 9.25 -148.46	227.80 9.09 -145.97	218.83 8.77 -137.55	145.58 8.40 -64.75	127.42 7.69 -48.58	108.67 6.86 -35.26	91.07 6.36 -22.42
GLOBE___DSASP 323697	67.62 -4.70 0.00	67.17 -5.45 0.00	66.32 -5.85 0.00	65.74 -6.50 0.00	66.68 -5.64 0.00	66.83 -5.42 0.00	74.09 -8.97 0.00	114.82 -20.74 4.57	111.09 -20.10 2.82	88.59 -12.92 -2.92	94.57 -16.05 -2.90	92.55 -15.44 -2.93	79.05 -12.32 -4.02	71.42 -9.27 -7.71	68.28 -9.41 -4.78	66.96 -10.34 -2.93	64.11 -11.31 -2.91	66.15 -10.85 -4.19	65.82 -10.77 -3.84	61.22 -11.24 0.05	59.07 -11.30 2.07	60.67 -10.46 0.02	57.84 -8.72 0.00	55.01 -7.29 0.00
GOETHSLN___LBMP 323567	83.47 2.75 -8.41	73.88 2.98 1.71	80.05 2.45 -5.43	80.12 2.46 -5.42	75.58 2.46 -0.80	79.55 2.75 -4.56	62.15 4.07 24.97	137.03 7.43 10.53	114.81 8.04 27.23	94.10 6.80 11.29	89.97 7.00 24.75	88.79 7.25 23.53	83.14 6.11 10.32	87.00 5.11 -8.91	81.07 5.03 -3.13	76.27 5.28 3.38	77.84 5.08 -0.25	78.78 5.32 -0.66	77.80 5.24 0.18	75.70 4.93 1.75	49.18 4.78 28.04	70.91 4.20 4.44	70.61 4.06 0.00	66.78 3.55 -0.94
GOLAH___69_KV_TB 1_2 80279	70.29 -2.02 0.00	70.15 -2.47 0.00	69.35 -2.81 0.00	68.91 -3.32 0.00	69.72 -2.60 0.00	70.01 -2.24 0.00	78.74 -4.32 4.39	125.09 -10.65 2.71	120.98 -10.32 -2.42	94.89 -6.11 -2.42	101.94 -8.19 -2.40	99.41 -8.09 -2.43	84.69 -6.20 -3.54	75.34 -4.23 -6.59	72.98 -4.37 -4.45	72.32 -5.06 -3.01	69.54 -5.95 -2.98	71.74 -5.39 -4.31	71.31 -5.38 -3.96	66.64 -5.95 -0.08	64.59 -6.08 1.76	65.44 -5.69 0.01	61.76 -4.79 0.00	58.18 -4.11 0.00

GOODYEAR_LAKE_HYD 323669	104.99 3.04 -29.63	93.33 3.34 -17.38	92.88 3.10 -17.61	92.78 2.96 -17.58	102.40 3.11 -26.97	93.16 3.25 -17.66	116.66 3.99 -29.62	173.78 6.45 -27.20	170.70 6.57 -30.12	153.59 5.32 -49.67	140.81 5.39 -27.70	134.68 5.15 -24.46	120.12 4.19 -28.58	97.50 3.65 -20.87	89.66 3.50 -13.25	89.16 3.64 -11.15	90.19 3.48 -14.20	92.58 3.79 -15.99	91.12 3.71 -14.67	90.64 3.48 -14.64	82.66 3.26 -6.96	83.66 2.92 -9.60	69.15 2.60 0.00	67.58 2.24 -3.05
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	76.43 -0.07 -4.18	74.99 -0.07 -2.45	74.29 -0.36 -2.49	74.21 -0.51 -2.48	75.91 -0.22 -3.81	74.52 -0.22 -2.49	86.82 -0.42 -4.18	139.67 -2.24 -1.78	135.25 -1.74 -2.98	107.58 -0.69 -9.69	113.00 -1.29 -6.57	109.96 -1.26 -6.15	96.11 -1.05 -9.81	88.18 -0.73 -15.93	84.57 -0.87 -12.54	83.44 -0.82 -9.89	82.59 -0.94 -11.02	86.26 -0.73 -14.18	84.95 -0.80 -13.01	80.66 -0.94 -9.09	71.70 -1.01 -0.28	71.28 -1.21 -1.35	65.62 -0.93 0.00	61.79 -0.93 -0.43
GOUDEY___7 23579	76.43 -0.07 -4.18	74.99 -0.07 -2.45	74.29 -0.36 -2.49	74.21 -0.51 -2.48	75.91 -0.22 -3.81	74.52 -0.22 -2.49	86.82 -0.42 -4.18	139.67 -2.24 -1.78	135.25 -1.74 -2.98	107.58 -0.69 -9.69	113.00 -1.29 -6.57	109.96 -1.26 -6.15	96.11 -1.05 -9.81	88.18 -0.73 -15.93	84.57 -0.87 -12.54	83.44 -0.82 -9.89	82.59 -0.94 -11.02	86.26 -0.73 -14.18	84.95 -0.80 -13.01	80.66 -0.94 -9.09	71.70 -1.01 -0.28	71.28 -1.21 -1.35	65.62 -0.93 0.00	61.79 -0.93 -0.43
GOUDEY___8 23580	76.43 -0.07 -4.18	74.99 -0.07 -2.45	74.29 -0.36 -2.49	74.21 -0.51 -2.48	75.91 -0.22 -3.81	74.52 -0.22 -2.49	86.82 -0.42 -4.18	139.67 -2.24 -1.78	135.25 -1.74 -2.98	107.58 -0.69 -9.69	113.00 -1.29 -6.57	109.96 -1.26 -6.15	96.11 -1.05 -9.81	88.18 -0.73 -15.93	84.57 -0.87 -12.54	83.44 -0.82 -9.89	82.59 -0.94 -11.02	86.26 -0.73 -14.18	84.95 -0.80 -13.01	80.66 -0.94 -9.09	71.70 -1.01 -0.28	71.28 -1.21 -1.35	65.62 -0.93 0.00	61.79 -0.93 -0.43
GOWANUS_GT1_1 24077	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT1_2 24078	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT1_3 24079	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT1_4 24080	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT1_5 24084	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT1_6 24111	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT1_7 24112	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT1_8 24113	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT2_1 24114	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT2_2 24115	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT2_3 24116	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95

GOWANUS_GT2_4 24117	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT2_5 24118	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT2_6 24119	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT2_7 24120	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT2_8 24121	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_1 24122	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_2 24123	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_3 24124	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_4 24125	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_5 24126	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_6 24127	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_7 24128	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT3_8 24129	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
GOWANUS_GT4_1 24130	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT4_2 24131	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94

GOWANUS_GT4_3 24132	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT4_4 24133	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT4_5 24134	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT4_6 24135	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT4_7 24136	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GOWANUS_GT4_8 24137	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GREENBSH_115KV_TB3 55895	120.49 2.46 -45.71	102.25 2.83 -26.81	101.94 2.60 -27.17	101.97 2.60 -27.13	116.54 2.60 -41.62	102.10 2.60 -27.25	131.33 2.57 -45.70	186.76 3.64 -42.98	185.00 3.89 -47.10	179.79 3.25 -77.95	155.22 3.45 -44.05	147.87 3.68 -39.13	145.55 3.14 -55.05	140.21 2.70 -64.53	127.05 2.84 -51.29	119.98 2.45 -43.16	125.02 2.25 -50.26	136.82 2.11 -61.90	131.72 2.18 -56.79	123.65 2.32 -48.82	86.13 2.17 -11.52	88.09 2.13 -14.81	68.68 2.13 0.00	69.30 2.30 -4.70
GREENDGE_115KV_TB5 80291	74.16 -0.65 -2.49	73.06 -1.02 -1.46	72.35 -1.30 -1.48	72.06 -1.66 -1.48	73.43 -1.16 -2.27	72.87 -0.87 -1.49	84.05 -1.49 -2.49	129.79 -6.31 4.04	126.87 -5.76 1.38	101.39 -3.06 -5.86	106.94 -4.74 -3.96	104.51 -4.31 -3.75	87.27 -2.80 -2.72	79.31 -1.97 -8.30	71.76 -2.04 -0.89	69.29 -2.23 2.84	66.51 -2.54 3.46	66.66 -2.04 4.11	66.79 -2.18 3.77	63.09 -2.54 6.89	64.61 -2.61 5.21	69.13 -2.77 -0.76	64.16 -2.40 0.00	60.25 -2.30 -0.26
GREENIDGE___3 23582	74.16 -0.65 -2.49	73.06 -1.02 -1.46	72.35 -1.30 -1.48	72.06 -1.66 -1.48	73.43 -1.16 -2.27	72.87 -0.87 -1.49	84.05 -1.49 -2.49	129.79 -6.31 4.04	126.87 -5.76 1.38	101.39 -3.06 -5.86	106.94 -4.74 -3.96	104.51 -4.31 -3.75	87.27 -2.80 -2.72	79.31 -1.97 -8.30	71.76 -2.04 -0.89	69.29 -2.23 2.84	66.51 -2.54 3.46	66.66 -2.04 4.11	66.79 -2.18 3.77	63.09 -2.54 6.89	64.61 -2.61 5.21	69.13 -2.77 -0.76	64.16 -2.40 0.00	60.25 -2.30 -0.26
GREENIDGE___4 23583	74.16 -0.65 -2.49	73.06 -1.02 -1.46	72.35 -1.30 -1.48	72.49 -1.23 -1.48	73.43 -1.16 -2.27	72.87 -0.86 -1.49	84.06 -1.49 -2.49	129.79 -6.30 4.04	126.74 -5.89 1.38	101.39 -3.06 -5.86	106.94 -4.74 -3.96	104.51 -4.31 -3.75	87.27 -2.80 -2.72	79.32 -1.97 -8.30	71.76 -2.04 -0.89	69.22 -2.31 2.84	66.44 -2.61 3.46	66.59 -2.11 4.11	66.79 -2.18 3.77	63.09 -2.54 6.89	67.32 -2.68 2.43	69.05 -2.85 -0.76	64.16 -2.39 0.00	60.37 -2.18 -0.26
GREENLWN_69_KV_BK 3 55738	138.40 5.93 -60.15	124.54 6.10 -45.82	123.92 5.56 -46.20	117.20 5.49 -39.47	123.06 5.57 -45.17	143.20 5.85 -65.10	149.33 6.89 -59.38	163.15 14.43 -8.58	173.40 15.81 -23.58	162.50 12.62 -51.29	153.49 12.08 -33.27	151.73 12.08 -34.58	149.31 10.05 -51.91	149.28 8.54 -67.76	144.66 8.09 -63.66	145.55 8.78 -62.41	151.23 9.14 -69.59	151.83 9.54 -69.49	149.24 9.53 -66.97	145.13 10.01 -62.61	132.50 8.33 -51.74	126.99 7.26 -48.58	108.47 6.66 -35.26	90.45 5.73 -22.42
GREENWD_138_KV_38B11_REV_LBMP_J 345004	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94
GRISSOM___SOLAR 323813	175.52 5.57 -97.63	135.54 5.67 -57.26	135.69 5.48 -58.04	135.67 5.49 -57.95	166.78 5.57 -88.89	136.31 5.85 -58.21	187.88 7.22 -97.61	243.72 11.77 -91.81	245.88 11.26 -100.61	258.52 8.28 -151.65	195.47 8.51 -79.24	181.55 7.88 -68.60	179.71 6.11 -86.25	157.28 5.40 -78.90	135.01 5.25 -56.85	127.78 5.58 -47.83	136.21 5.73 -57.97	147.45 6.04 -68.60	141.72 6.03 -62.95	136.86 5.80 -58.55	115.76 5.58 -37.75	108.18 5.40 -31.63	71.55 4.99 0.00	76.76 4.42 -10.04
GROVEVILLE___HYD 323602	85.74 3.98 -9.44	82.36 4.21 -5.54	81.60 3.82 -5.61	81.67 3.83 -5.60	84.75 3.83 -8.59	81.92 4.05 -5.63	97.81 5.32 -9.44	157.70 8.69 -8.88	152.71 8.98 -9.73	130.00 7.30 -24.11	132.37 7.54 -17.11	128.90 7.67 -16.17	123.09 6.46 -29.28	126.81 5.40 -48.43	120.53 5.40 -42.23	115.48 5.58 -35.53	117.81 5.37 -39.93	129.45 5.68 -50.96	125.10 5.60 -46.76	115.17 5.29 -37.37	82.25 5.07 -4.75	78.83 4.62 -3.06	70.81 4.26 0.00	67.00 3.74 -0.97
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.59 -1.66 0.00	80.98 -2.08 0.00	134.42 -4.48 1.23	129.23 -4.02 0.76	96.12 -2.46 0.00	104.70 -3.02 0.00	102.03 -3.05 -0.01	86.68 -2.27 -1.60	76.69 -1.61 -5.31	76.29 -1.75 -5.13	76.75 -1.93 -4.32	74.87 -2.18 -4.53	77.11 -1.89 -6.19	76.45 -1.96 -5.68	73.69 -2.10 -3.28	69.79 -2.17 0.47	68.94 -2.21 0.00	64.56 -2.00 0.00	60.36 -1.93 0.00

HAMLTNNY_34_KV_TB 80303	71.09 -1.23 0.00	71.31 -1.31 0.00	70.65 -1.52 0.00	70.65 -1.59 0.00	71.02 -1.30 0.00	71.02 -1.23 0.00	81.48 -1.58 0.00	135.18 -3.78 1.17	129.94 -3.35 0.72	98.83 -1.87 -2.12	107.25 -2.59 -2.12	104.67 -2.52 -2.13	89.32 -1.83 -3.81	77.96 -1.24 -6.22	77.00 -1.31 -5.41	77.36 -1.56 -4.55	75.68 -1.81 -4.98	77.81 -1.53 -6.52	77.12 -1.60 -5.99	74.62 -1.81 -3.92	70.72 -1.88 -0.17	69.23 -1.92 0.00	64.82 -1.73 0.00	60.61 -1.68 0.00
HAMPSHIRE___PAPER_HYD 323593	73.84 1.52 0.00	73.77 1.16 0.00	73.61 1.44 0.00	73.61 1.37 0.00	73.55 1.23 0.00	73.69 1.44 0.00	83.97 0.92 0.00	141.25 1.12 0.00	134.68 0.67 0.00	99.08 0.50 0.00	108.91 1.19 0.00	106.01 0.94 0.00	88.38 0.62 -0.41	75.08 0.73 -1.37	74.89 0.65 -1.32	75.93 0.45 -1.11	74.08 0.36 -1.21	74.77 0.37 -1.60	74.57 0.37 -1.46	73.89 0.29 -1.08	73.21 0.36 -0.41	71.50 0.36 0.00	66.89 0.33 0.00	62.79 0.50 0.00
HARDSCRABBLE_WT_PWR 323673	75.86 3.54 0.00	75.52 2.91 0.00	74.12 1.95 0.00	73.39 1.15 0.00	73.04 0.72 0.00	72.82 0.58 0.00	83.64 0.59 0.00	140.84 0.70 0.00	135.21 1.20 0.00	99.78 1.19 0.00	109.34 1.62 0.00	106.96 1.89 0.00	89.19 1.84 0.00	74.88 1.89 0.00	75.17 2.26 0.00	76.90 2.53 0.00	75.20 2.68 0.00	75.87 3.06 0.00	75.72 2.98 0.00	74.98 2.47 0.00	74.39 1.96 0.00	72.71 1.56 0.00	67.75 1.20 0.00	63.17 0.87 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	83.89 3.04 -8.54	80.89 3.27 -5.01	80.13 2.89 -5.07	80.12 2.82 -5.07	82.98 2.89 -7.77	80.44 3.11 -5.09	95.82 4.24 -8.53	155.17 7.01 -8.03	150.17 7.37 -8.80	126.87 6.11 -22.17	129.91 6.36 -15.84	126.56 6.51 -14.98	120.04 5.42 -27.27	122.84 4.52 -45.34	117.01 4.52 -39.58	112.36 4.69 -33.30	114.49 4.57 -37.41	125.38 4.81 -47.76	121.29 4.73 -43.82	111.93 4.42 -34.99	81.11 4.27 -4.40	77.75 3.84 -2.77	70.08 3.53 0.00	66.22 3.05 -0.88
HARSNRAD_115KV_TB1 81005	67.55 -4.77 0.00	67.17 -5.45 0.00	66.32 -5.85 0.00	65.66 -6.57 0.00	66.61 -5.71 0.00	66.90 -5.35 0.00	74.67 -8.39 0.00	115.82 -19.76 4.55	112.17 -19.03 2.81	89.24 -12.22 -2.87	95.28 -15.30 -2.86	93.24 -14.71 -2.89	79.52 -11.79 -3.96	71.68 -8.90 -7.60	68.60 -9.04 -4.73	67.96 -9.22 -2.81	65.03 -10.30 -2.81	67.01 -9.76 -3.96	66.64 -9.75 -3.65	61.86 -10.59 0.06	59.74 -10.65 2.05	61.46 -9.68 0.02	58.50 -8.05 0.00	55.38 -6.91 0.00
HARZA MOOSE___RIVER 24016	75.00 2.68 0.00	75.23 2.61 0.00	74.62 2.45 0.00	74.62 2.38 0.00	74.78 2.46 0.00	74.99 2.75 0.00	85.88 2.82 0.00	143.27 3.64 0.50	137.18 3.48 0.31	101.84 3.25 0.00	111.27 3.55 0.00	108.43 3.36 0.00	90.66 2.80 -0.51	77.31 2.63 -1.70	77.10 2.55 -1.64	78.28 2.53 -1.38	76.27 2.32 -1.44	77.34 2.55 -1.98	77.10 2.55 -1.81	75.87 2.39 -0.97	74.56 2.32 0.19	73.21 2.06 0.00	68.35 1.80 0.00	63.91 1.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	70.51 -1.81 0.00	70.73 -1.89 0.00	70.07 -2.09 0.00	70.07 -2.17 0.00	70.37 -1.95 0.00	70.44 -1.81 0.00	80.81 -2.24 0.00	133.20 -4.76 2.17	128.38 -4.29 1.34	96.03 -2.56 0.00	104.49 -3.23 0.00	101.92 -3.15 -0.01	86.38 -2.45 -1.48	76.12 -1.75 -4.89	75.73 -1.90 -4.72	76.26 -2.08 -3.97	74.24 -2.32 -4.05	76.39 -2.11 -5.69	75.78 -2.18 -5.23	72.37 -2.39 -2.25	69.21 -2.39 0.83	68.66 -2.49 0.00	64.36 -2.20 0.00	60.18 -2.12 0.00
HELLGATE_13_KV_LD 55870	85.07 3.62 -9.14	81.82 3.85 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.82 3.18 -8.32	81.16 3.47 -5.45	97.17 4.98 -9.13	157.69 8.97 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.37 6.99 -29.04	127.05 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.11 5.80 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.47 5.73 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	85.07 3.62 -9.14	81.82 3.85 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.82 3.18 -8.32	81.16 3.47 -5.45	97.17 4.98 -9.13	157.69 8.97 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.37 6.99 -29.04	127.05 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.11 5.80 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.47 5.73 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
HEMPSTEAD____ 23647	136.81 4.34 -60.15	123.02 4.58 -45.82	122.41 4.04 -46.20	115.75 4.04 -39.47	121.61 4.12 -45.17	141.68 4.33 -65.10	149.11 5.73 -60.33	158.82 10.10 -8.59	171.29 10.72 -26.56	160.92 8.88 -53.46	150.15 9.15 -33.28	149.00 9.35 -34.59	147.13 7.86 -51.92	147.32 6.57 -67.77	143.00 6.42 -63.67	143.48 6.70 -62.42	148.56 6.45 -69.60	168.26 6.69 -88.76	165.61 6.62 -86.25	159.80 6.38 -80.90	143.31 6.15 -64.72	125.28 5.55 -48.58	107.07 5.26 -35.26	89.26 4.55 -22.42
HEWLETT_69_KV_BK3 55828	137.25 4.77 -60.15	123.45 5.01 -45.82	122.91 4.55 -46.20	116.19 4.48 -39.47	122.04 4.56 -45.17	141.90 4.55 -65.10	150.44 5.81 -61.57	158.81 10.09 -8.59	171.28 10.72 -26.56	160.82 8.77 -53.46	150.27 9.26 -33.28	149.11 9.46 -34.59	147.22 7.95 -51.92	147.39 6.64 -67.77	143.07 6.49 -63.67	143.56 6.77 -62.42	148.56 6.45 -69.60	168.41 6.84 -88.76	165.76 6.76 -86.25	159.87 6.45 -80.90	130.41 6.23 -51.75	125.56 5.83 -48.58	107.33 5.52 -35.26	89.64 4.92 -22.42
HICKLING___1 23621	74.71 -0.72 -3.12	73.35 -1.09 -1.83	72.58 -1.44 -1.85	72.28 -1.81 -1.85	73.86 -1.30 -2.84	72.95 -1.16 -1.86	84.26 -1.91 -3.12	131.14 -6.17 2.83	128.29 -5.36 0.35	102.89 -3.06 -7.36	108.41 -4.31 -5.00	105.60 -4.20 -4.73	88.53 -3.49 -4.67	81.26 -2.77 -11.06	73.80 -2.84 -3.73	71.28 -2.90 0.19	69.04 -3.05 0.43	69.81 -2.69 0.31	69.63 -2.84 0.27	65.79 -3.05 3.67	64.92 -3.11 4.40	68.76 -3.34 -0.96	63.76 -2.80 0.00	60.06 -2.55 -0.32
HICKLING___2 23622	74.71 -0.72 -3.12	73.35 -1.09 -1.83	72.58 -1.44 -1.85	72.28 -1.81 -1.85	73.86 -1.30 -2.84	72.95 -1.16 -1.86	84.26 -1.91 -3.12	131.14 -6.17 2.83	128.29 -5.36 0.35	102.89 -3.06 -7.36	108.41 -4.31 -5.00	105.60 -4.20 -4.73	88.53 -3.49 -4.67	81.26 -2.77 -11.06	73.80 -2.84 -3.73	71.28 -2.90 0.19	69.04 -3.05 0.43	69.81 -2.69 0.31	69.63 -2.84 0.27	65.79 -3.05 3.67	64.92 -3.11 4.40	68.76 -3.34 -0.96	63.76 -2.80 0.00	60.06 -2.55 -0.32
HIGH FALLS___HY 23754	88.61 3.76 -12.53	84.03 4.07 -7.35	83.29 3.68 -7.45	83.36 3.68 -7.43	87.41 3.69 -11.40	83.69 3.97 -7.47	100.89 5.32 -12.52	160.46 8.55 -11.78	155.49 8.58 -12.91	134.05 7.00 -28.46	134.00 7.11 -19.17	130.10 7.14 -17.89	124.24 5.94 -30.95	126.79 5.04 -48.77	119.94 4.96 -42.07	115.05 5.28 -35.40	117.68 5.22 -39.95	129.19 5.61 -50.77	124.78 5.46 -46.59	115.20 5.15 -37.54	82.61 4.93 -5.26	79.62 4.41 -4.06	70.48 3.93 0.00	67.07 3.49 -1.29
HIGH_RIVER___SOLAR 323847	179.22 3.76 -103.14	137.02 3.92 -60.49	137.23 3.75 -61.32	137.21 3.75 -61.21	170.05 3.83 -93.90	137.57 3.83 -61.49	190.90 4.73 -103.11	244.82 7.70 -96.99	247.66 7.37 -106.29	264.11 5.62 -159.90	196.95 5.81 -83.42	182.69 5.46 -72.16	180.78 4.19 -89.23	154.85 3.87 -78.01	131.67 3.79 -54.97	124.64 4.01 -46.26	133.16 4.06 -56.58	143.37 4.22 -66.34	137.83 4.22 -60.87	134.21 4.06 -57.64	114.64 3.98 -38.22	108.33 3.77 -33.41	70.08 3.52 0.00	76.07 3.18 -10.60

HILLBURN___GT 23639	83.73 2.75 -8.66	80.67 2.98 -5.08	79.84 2.52 -5.15	79.97 2.60 -5.14	82.80 2.60 -7.88	80.15 2.74 -5.16	95.62 3.90 -8.66	155.00 6.73 -8.14	150.16 7.23 -8.92	127.18 6.11 -22.47	130.02 6.25 -16.05	126.66 6.41 -15.19	120.41 5.42 -27.64	123.46 4.53 -45.95	117.47 4.45 -40.11	112.81 4.69 -33.75	114.93 4.50 -37.92	125.95 4.73 -48.41	121.82 4.66 -44.42	112.40 4.42 -35.47	93.53 4.27 -16.82	77.72 3.77 -2.80	70.08 3.52 0.00	66.24 3.05 -0.89
HILLSIDE_115KV_TB1 80332	74.03 -1.52 -3.23	72.77 -1.74 -1.89	71.99 -2.09 -1.92	71.70 -2.46 -1.92	73.24 -2.02 -2.94	72.30 -1.88 -1.93	83.63 -2.66 -3.23	130.86 -6.87 2.41	127.67 -6.30 0.04	102.47 -3.75 -7.63	107.84 -5.06 -5.19	105.14 -4.83 -4.90	88.42 -4.11 -5.18	81.17 -3.43 -11.62	73.97 -3.50 -4.56	71.59 -3.50 -0.71	69.63 -3.48 -0.60	70.60 -3.20 -0.99	70.31 -3.35 -0.91	66.50 -3.48 2.53	64.87 -3.55 4.02	68.45 -3.70 -1.00	63.43 -3.13 0.00	59.70 -2.93 -0.33
HISHELDN_WT_PWR 323625	71.44 -3.11 -2.23	70.07 -3.85 -1.31	69.23 -4.26 -1.33	69.30 -4.26 -1.32	70.01 -4.34 -2.03	69.53 -4.04 -1.33	78.81 -6.48 -2.23	121.23 -16.25 2.65	118.09 -15.28 0.63	94.20 -9.66 -5.26	99.24 -12.06 -3.59	96.78 -11.67 -3.38	82.12 -9.52 -4.29	74.15 -7.44 -8.62	70.01 -7.65 -4.75	68.86 -7.96 -2.45	66.37 -8.56 -2.42	68.15 -8.15 -3.50	67.81 -8.15 -3.21	63.38 -8.56 0.57	63.94 -8.55 -0.05	63.67 -8.18 -0.70	59.76 -6.79 0.00	56.86 -5.67 -0.23
HOLTSVILLE_IC_1 23690	138.47 6.00 -60.15	124.61 6.17 -45.82	124.07 5.70 -46.20	117.41 5.71 -39.47	123.20 5.71 -45.17	143.27 5.93 -65.10	150.14 7.80 -59.28	161.92 13.17 -8.62	183.07 13.53 -35.53	169.33 10.75 -59.99	152.13 11.10 -33.31	150.93 11.25 -34.62	148.74 9.44 -51.95	148.66 7.88 -67.80	144.56 7.95 -63.70	145.07 8.25 -62.45	150.04 7.91 -69.62	227.87 8.15 -146.91	225.23 8.07 -144.42	216.42 7.83 -136.08	144.86 7.67 -64.75	126.84 7.11 -48.58	108.40 6.59 -35.26	90.51 5.79 -22.42
HOLTSVILLE_IC_10 23699	139.05 6.58 -60.15	125.19 6.75 -45.82	124.57 6.21 -46.20	117.84 6.14 -39.47	123.71 6.22 -45.17	143.77 6.43 -65.10	150.74 8.39 -59.30	163.19 14.44 -8.62	185.18 14.74 -36.43	170.96 11.73 -60.64	153.10 12.06 -33.31	151.87 12.18 -34.62	149.52 10.21 -51.95	149.32 8.53 -67.80	145.14 8.53 -63.70	145.74 8.92 -62.45	150.77 8.62 -69.63	234.41 8.88 -152.72	231.77 8.80 -150.23	222.73 8.62 -141.59	145.51 8.33 -64.75	127.49 7.76 -48.58	108.86 7.05 -35.26	90.88 6.17 -22.42
HOLTSVILLE_IC_2 23691	138.47 6.00 -60.15	124.61 6.17 -45.82	124.07 5.70 -46.20	117.41 5.71 -39.47	123.20 5.71 -45.17	143.27 5.93 -65.10	150.14 7.80 -59.28	161.92 13.17 -8.62	183.07 13.53 -35.53	169.33 10.75 -59.99	152.13 11.10 -33.31	150.93 11.25 -34.62	148.74 9.44 -51.95	148.66 7.88 -67.80	144.56 7.95 -63.70	145.07 8.25 -62.45	150.04 7.91 -69.62	227.87 8.15 -146.91	225.23 8.07 -144.42	216.42 7.83 -136.08	144.86 7.67 -64.75	126.84 7.11 -48.58	108.40 6.59 -35.26	90.51 5.79 -22.42
HOLTSVILLE_IC_3 23692	138.47 6.00 -60.15	124.61 6.17 -45.82	124.07 5.70 -46.20	117.41 5.71 -39.47	123.20 5.71 -45.17	143.27 5.93 -65.10	150.14 7.80 -59.28	161.92 13.17 -8.62	183.07 13.53 -35.53	169.33 10.75 -59.99	152.13 11.10 -33.31	150.93 11.25 -34.62	148.74 9.44 -51.95	148.66 7.88 -67.80	144.56 7.95 -63.70	145.07 8.25 -62.45	150.04 7.91 -69.62	227.87 8.15 -146.91	225.23 8.07 -144.42	216.42 7.83 -136.08	144.86 7.67 -64.75	126.84 7.11 -48.58	108.40 6.59 -35.26	90.51 5.79 -22.42
HOLTSVILLE_IC_4 23693	138.47 6.00 -60.15	124.61 6.17 -45.82	124.07 5.70 -46.20	117.41 5.71 -39.47	123.20 5.71 -45.17	143.27 5.93 -65.10	150.14 7.80 -59.28	161.92 13.17 -8.62	183.07 13.53 -35.53	169.33 10.75 -59.99	152.13 11.10 -33.31	150.93 11.25 -34.62	148.74 9.44 -51.95	148.66 7.88 -67.80	144.56 7.95 -63.70	145.07 8.25 -62.45	150.04 7.91 -69.62	227.87 8.15 -146.91	225.23 8.07 -144.42	216.42 7.83 -136.08	144.86 7.67 -64.75	126.84 7.11 -48.58	108.40 6.59 -35.26	90.51 5.79 -22.42
HOLTSVILLE_IC_5 23694	138.47 6.00 -60.15	124.61 6.17 -45.82	124.07 5.70 -46.20	117.41 5.71 -39.47	123.20 5.71 -45.17	143.27 5.93 -65.10	150.14 7.80 -59.28	161.92 13.17 -8.62	183.07 13.53 -35.53	169.33 10.75 -59.99	152.13 11.10 -33.31	150.93 11.25 -34.62	148.74 9.44 -51.95	148.66 7.88 -67.80	144.56 7.95 -63.70	145.07 8.25 -62.45	150.04 7.91 -69.62	227.87 8.15 -146.91	225.23 8.07 -144.42	216.42 7.83 -136.08	144.86 7.67 -64.75	126.84 7.11 -48.58	108.40 6.59 -35.26	90.51 5.79 -22.42
HOLTSVILLE_IC_6 23695	139.05 6.58 -60.15	125.19 6.75 -45.82	124.57 6.21 -46.20	117.84 6.14 -39.47	123.71 6.22 -45.17	143.77 6.43 -65.10	150.74 8.39 -59.30	163.19 14.44 -8.62	185.18 14.74 -36.43	170.96 11.73 -60.64	153.10 12.06 -33.31	151.87 12.18 -34.62	149.52 10.21 -51.95	149.32 8.53 -67.80	145.14 8.53 -63.70	145.74 8.92 -62.45	150.77 8.62 -69.63	234.41 8.88 -152.72	231.77 8.80 -150.23	222.73 8.62 -141.59	145.51 8.33 -64.75	127.49 7.76 -48.58	108.86 7.05 -35.26	90.88 6.17 -22.42
HOLTSVILLE_IC_7 23696	139.05 6.58 -60.15	125.19 6.75 -45.82	124.57 6.21 -46.20	117.84 6.14 -39.47	123.71 6.22 -45.17	143.77 6.43 -65.10	150.74 8.39 -59.30	163.19 14.44 -8.62	185.18 14.74 -36.43	170.96 11.73 -60.64	153.10 12.06 -33.31	151.87 12.18 -34.62	149.52 10.21 -51.95	149.32 8.53 -67.80	145.14 8.53 -63.70	145.74 8.92 -62.45	150.77 8.62 -69.63	234.41 8.88 -152.72	231.77 8.80 -150.23	222.73 8.62 -141.59	145.51 8.33 -64.75	127.49 7.76 -48.58	108.86 7.05 -35.26	90.88 6.17 -22.42
HOLTSVILLE_IC_8 23697	139.05 6.58 -60.15	125.19 6.75 -45.82	124.57 6.21 -46.20	117.84 6.14 -39.47	123.71 6.22 -45.17	143.77 6.43 -65.10	150.74 8.39 -59.30	163.19 14.44 -8.62	185.18 14.74 -36.43	170.96 11.73 -60.64	153.10 12.06 -33.31	151.87 12.18 -34.62	149.52 10.21 -51.95	149.32 8.53 -67.80	145.14 8.53 -63.70	145.74 8.92 -62.45	150.77 8.62 -69.63	234.41 8.88 -152.72	231.77 8.80 -150.23	222.73 8.62 -141.59	145.51 8.33 -64.75	127.49 7.76 -48.58	108.86 7.05 -35.26	90.88 6.17 -22.42
HOLTSVILLE_IC_9 23698	139.05 6.58 -60.15	125.19 6.75 -45.82	124.57 6.21 -46.20	117.84 6.14 -39.47	123.71 6.22 -45.17	143.77 6.43 -65.10	150.74 8.39 -59.30	163.19 14.44 -8.62	185.18 14.74 -36.43	170.96 11.73 -60.64	153.10 12.06 -33.31	151.87 12.18 -34.62	149.52 10.21 -51.95	149.32 8.53 -67.80	145.14 8.53 -63.70	145.74 8.92 -62.45	150.77 8.62 -69.63	234.41 8.88 -152.72	231.77 8.80 -150.23	222.73 8.62 -141.59	145.51 8.33 -64.75	127.49 7.76 -48.58	108.86 7.05 -35.26	90.88 6.17 -22.42
HOMER_HL_115KV_TB2 355744	71.83 -2.82 -2.34	70.57 -3.41 -1.37	69.66 -3.90 -1.39	69.00 -4.62 -1.39	70.47 -3.98 -2.13	69.96 -3.68 -1.39	79.74 -5.65 -2.33	124.16 -13.45 2.52	121.17 -12.33 0.50	95.82 -8.28 -5.52	101.03 -10.45 -3.76	98.53 -10.09 -3.55	82.34 -9.52 -4.51	73.10 -8.90 -9.02	68.79 -9.11 -4.99	68.63 -8.33 -2.59	67.63 -7.47 -2.59	68.86 -7.65 -3.70	68.42 -7.71 -3.40	65.10 -7.03 0.38	62.98 -6.95 2.50	64.41 -7.47 -0.73	60.30 -6.26 0.00	57.05 -5.48 -0.24
HOWARD_WT_PWR 323690	73.71 -1.23 -2.62	72.12 -2.03 -1.54	70.98 -2.74 -1.56	70.83 -2.96 -1.56	71.67 -3.03 -2.39	70.92 -2.89 -1.56	81.19 -4.49 -2.62	124.52 -11.91 3.70	121.51 -11.39 1.11	97.57 -7.19 -6.17	103.18 -8.72 -4.18	100.52 -8.51 -3.96	84.40 -6.37 -3.43	77.16 -4.89 -9.07	70.14 -4.88 -2.12	67.67 -5.21 1.49	65.12 -5.44 1.96	65.47 -5.17 2.17	65.37 -5.38 1.98	60.98 -6.16 5.37	64.42 -6.23 1.79	65.62 -6.33 -0.80	60.90 -5.66 0.00	57.64 -4.92 -0.27

HQ_GEN_CEDARS 23644	72.97 0.65 0.00	72.91 0.29 0.00	72.96 0.79 0.00	73.25 1.01 0.00	72.97 0.65 0.00	72.90 0.65 0.00	83.39 0.33 0.00	141.25 1.12 0.00	134.41 0.40 0.00	97.90 -0.69 0.00	107.83 0.11 0.00	104.86 -0.21 0.00	86.82 -0.52 0.00	72.47 -0.51 0.00	72.40 -0.51 0.00	73.85 -0.52 0.00	72.30 -0.22 0.00	72.23 -0.58 0.00	72.23 -0.51 0.00	72.08 -0.44 0.00	72.07 -0.36 0.00	71.01 -0.14 0.00	66.42 -0.13 0.00	62.36 0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	72.97 0.65 0.00	72.91 0.29 0.00	72.96 0.80 0.00	72.96 0.72 0.00	72.90 0.58 0.00	72.90 0.65 0.00	83.39 0.33 0.00	141.25 1.12 0.00	134.41 0.40 0.00	97.90 -0.69 0.00	107.83 0.11 0.00	104.86 -0.21 0.00	86.91 -0.43 0.00	72.47 -0.51 0.00	72.40 -0.51 0.00	73.85 -0.52 0.00	72.30 -0.22 0.00	72.23 -0.59 0.00	72.23 -0.51 0.00	72.08 -0.43 0.00	72.14 -0.29 0.00	71.08 -0.07 0.00	66.42 -0.13 0.00	62.29 0.00 0.00
HQ_GEN_IMPORT 323601	71.96 -0.36 0.00	71.96 -0.65 0.00	71.95 -0.22 0.00	71.95 -0.29 0.00	71.96 -0.36 0.00	71.96 -0.29 0.00	82.64 -0.41 0.00	140.41 0.28 0.00	133.74 -0.27 0.00	97.51 -1.08 0.00	106.97 -0.75 0.00	104.12 -0.95 0.00	86.39 -0.96 0.00	71.96 -1.02 0.00	71.96 -0.95 0.00	73.48 -0.89 0.00	71.93 -0.58 0.00	71.94 -0.87 0.00	71.94 -0.80 0.00	71.93 -0.58 0.00	71.93 -0.50 0.00	70.86 -0.28 0.00	66.22 -0.33 0.00	62.05 -0.25 0.00
HQ_GEN_WHEEL 23651	71.96 -0.36 0.00	71.96 -0.65 0.00	71.95 -0.22 0.00	71.95 -0.29 0.00	71.96 -0.36 0.00	71.96 -0.29 0.00	82.64 -0.41 0.00	140.41 0.28 0.00	133.74 -0.27 0.00	97.51 -1.08 0.00	106.97 -0.75 0.00	104.12 -0.95 0.00	86.39 -0.96 0.00	71.96 -1.02 0.00	71.96 -0.95 0.00	73.48 -0.89 0.00	71.93 -0.58 0.00	71.94 -0.87 0.00	71.94 -0.80 0.00	71.93 -0.58 0.00	71.93 -0.50 0.00	70.86 -0.28 0.00	66.22 -0.33 0.00	62.05 -0.25 0.00
HUDSON_AVE_GT_3 23810	84.78 3.33 -9.14	81.53 3.56 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.01 7.99 -15.96	123.10 6.73 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.66 5.88 -35.42	117.89 5.58 -39.79	129.50 5.90 -50.80	125.17 5.82 -46.61	115.24 5.51 -37.22	82.41 5.29 -4.69	78.87 4.77 -2.96	71.15 4.59 0.00	67.22 3.99 -0.94
HUDSON_AVE_GT_4 23540	84.78 3.33 -9.14	81.53 3.56 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.01 7.99 -15.96	123.10 6.73 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.66 5.88 -35.42	117.89 5.58 -39.79	129.50 5.90 -50.80	125.17 5.82 -46.61	115.24 5.51 -37.22	82.41 5.29 -4.69	78.87 4.77 -2.96	71.15 4.59 0.00	67.22 3.99 -0.94
HUDSON_AVE_GT_5 23657	84.78 3.33 -9.14	81.53 3.56 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.01 7.99 -15.96	123.10 6.73 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.66 5.88 -35.42	117.89 5.58 -39.79	129.50 5.90 -50.80	125.17 5.82 -46.61	115.24 5.51 -37.22	82.41 5.29 -4.69	78.87 4.77 -2.96	71.15 4.59 0.00	67.22 3.99 -0.94
HUDSON_AVE_10 24168	84.57 3.11 -9.14	81.31 3.34 -5.36	80.34 2.74 -5.43	80.41 2.75 -5.42	83.46 2.82 -8.32	80.80 3.11 -5.45	97.27 4.48 -9.73	156.85 8.13 -8.59	152.13 8.71 -9.42	129.63 7.39 -23.65	132.13 7.54 -16.87	128.80 7.77 -15.96	122.93 6.55 -29.03	126.68 5.47 -48.22	120.40 5.40 -42.09	115.51 5.73 -35.42	117.74 5.44 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.10 5.37 -37.22	82.34 5.22 -4.69	78.73 4.62 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
HUDSON___115KV_TB 4 355613	114.71 4.34 -38.05	99.58 4.65 -22.32	99.26 4.47 -22.62	99.23 4.41 -22.58	111.45 4.48 -34.64	99.56 4.62 -22.69	125.83 4.73 -38.04	182.78 6.87 -35.78	179.79 6.57 -39.21	170.37 5.03 -66.75	151.42 5.17 -38.53	144.77 5.25 -34.45	141.70 4.37 -49.99	138.50 3.65 -61.87	126.83 3.86 -50.05	120.13 3.64 -42.12	124.77 3.55 -48.71	136.71 3.49 -60.40	131.73 3.56 -55.42	123.05 3.55 -46.98	85.84 3.26 -10.14	86.68 3.20 -12.33	70.08 3.53 0.00	69.63 3.43 -3.91
HUNTER MOUNT___DRP 323613	109.51 4.56 -32.64	96.55 4.79 -19.14	96.26 4.69 -19.40	96.23 4.62 -19.37	106.73 4.70 -29.71	96.55 4.84 -19.46	120.83 5.15 -32.63	177.97 7.73 -30.69	174.34 6.70 -33.63	162.48 5.13 -58.76	147.55 5.28 -34.56	141.39 5.25 -31.07	137.88 4.28 -46.25	136.24 3.58 -59.69	125.60 3.79 -48.89	119.16 3.64 -41.14	123.49 3.63 -47.35	135.38 3.57 -59.00	130.52 3.64 -54.14	121.51 3.55 -45.44	84.84 3.26 -9.15	84.99 3.27 -10.57	70.41 3.86 0.00	69.01 3.36 -3.36
HUNTINGTON_RES_REC 323705	138.84 6.37 -60.15	124.98 6.54 -45.82	124.43 6.06 -46.20	117.70 5.99 -39.47	123.49 6.00 -45.17	143.63 6.28 -65.10	150.12 7.73 -59.34	163.65 14.85 -8.67	199.60 15.81 -49.79	181.48 12.52 -70.37	153.68 12.60 -33.36	152.12 12.39 -34.66	149.65 10.30 -52.00	149.51 8.68 -67.84	145.11 8.45 -63.75	145.93 9.07 -62.49	151.07 8.99 -69.57	121.54 9.40 -39.33	118.86 9.31 -36.81	116.08 9.31 -34.00	145.60 8.47 -64.69	127.27 7.54 -48.58	108.73 6.92 -35.26	90.70 5.98 -22.42
HUNTLEY___63 23557	68.63 -3.69 0.00	68.19 -4.43 0.00	67.26 -4.91 0.00	66.53 -5.71 0.00	67.55 -4.77 0.00	67.77 -4.48 0.00	75.50 -7.56 0.00	117.34 -18.22 4.57	113.63 -17.55 2.82	90.32 -11.24 -2.97	96.56 -14.11 -2.95	94.50 -13.55 -2.98	80.49 -10.92 -4.06	72.48 -8.32 -7.82	69.25 -8.46 -4.79	68.65 -8.63 -2.90	65.83 -9.57 -2.89	67.86 -9.10 -4.16	67.46 -9.09 -3.81	62.79 -9.64 0.07	60.63 -9.71 2.10	62.10 -9.04 0.02	59.10 -7.45 0.00	56.00 -6.29 0.00
HUNTLEY___64 23558	68.63 -3.69 0.00	68.19 -4.43 0.00	67.26 -4.91 0.00	66.53 -5.71 0.00	67.55 -4.77 0.00	67.77 -4.48 0.00	75.50 -7.56 0.00	117.34 -18.22 4.57	113.63 -17.55 2.82	90.32 -11.24 -2.97	96.56 -14.11 -2.95	94.50 -13.55 -2.98	80.49 -10.92 -4.06	72.48 -8.32 -7.82	69.25 -8.46 -4.79	68.65 -8.63 -2.90	65.83 -9.57 -2.89	67.86 -9.10 -4.16	67.46 -9.09 -3.81	62.79 -9.64 0.07	60.63 -9.71 2.10	62.10 -9.04 0.02	59.10 -7.45 0.00	56.00 -6.29 0.00
HUNTLEY___65 23559	68.63 -3.69 0.00	68.19 -4.43 0.00	67.26 -4.91 0.00	66.53 -5.71 0.00	67.55 -4.77 0.00	67.77 -4.48 0.00	75.50 -7.56 0.00	117.34 -18.22 4.57	113.63 -17.55 2.82	90.32 -11.24 -2.97	96.56 -14.11 -2.95	94.50 -13.55 -2.98	80.49 -10.92 -4.06	72.48 -8.32 -7.82	69.25 -8.46 -4.79	68.65 -8.63 -2.90	65.83 -9.57 -2.89	67.86 -9.10 -4.16	67.46 -9.09 -3.81	62.79 -9.64 0.07	60.63 -9.71 2.10	62.10 -9.04 0.02	59.10 -7.45 0.00	56.00 -6.29 0.00
HUNTLEY___66 23560	68.63 -3.69 0.00	68.19 -4.43 0.00	67.26 -4.91 0.00	66.53 -5.71 0.00	67.55 -4.77 0.00	67.77 -4.48 0.00	75.50 -7.56 0.00	117.34 -18.22 4.57	113.63 -17.55 2.82	90.32 -11.24 -2.97	96.56 -14.11 -2.95	94.50 -13.55 -2.98	80.49 -10.92 -4.06	72.48 -8.32 -7.82	69.25 -8.46 -4.79	68.65 -8.63 -2.90	65.83 -9.57 -2.89	67.86 -9.10 -4.16	67.46 -9.09 -3.81	62.79 -9.64 0.07	60.63 -9.71 2.10	62.10 -9.04 0.02	59.10 -7.45 0.00	56.00 -6.29 0.00

HUNTLEY___67 23561	68.56 -3.76 0.00	68.19 -4.43 0.00	67.33 -4.84 0.00	66.68 -5.56 0.00	67.62 -4.70 0.00	67.84 -4.41 0.00	75.83 -7.23 0.00	118.02 -17.52 4.60	114.29 -16.88 2.84	90.96 -10.65 -3.02	97.26 -13.46 -3.00	95.08 -13.03 -3.04	80.88 -10.57 -4.10	72.89 -8.03 -7.93	69.48 -8.24 -4.81	68.39 -8.85 -2.87	65.72 -9.64 -2.85	67.73 -9.17 -4.10	67.33 -9.17 -3.76	62.83 -9.57 0.11	60.73 -9.56 2.14	62.09 -9.04 0.02	59.10 -7.45 0.00	55.94 -6.35 0.00
HUNTLEY___68 23562	68.56 -3.76 0.00	68.19 -4.43 0.00	67.33 -4.84 0.00	66.68 -5.56 0.00	67.62 -4.70 0.00	67.84 -4.41 0.00	75.83 -7.23 0.00	118.02 -17.52 4.60	114.29 -16.88 2.84	90.96 -10.65 -3.02	97.26 -13.46 -3.00	95.08 -13.03 -3.04	80.88 -10.57 -4.10	72.89 -8.03 -7.93	69.48 -8.24 -4.81	68.39 -8.85 -2.87	65.72 -9.64 -2.85	67.73 -9.17 -4.10	67.33 -9.17 -3.76	62.83 -9.57 0.11	60.73 -9.56 2.14	62.09 -9.04 0.02	59.10 -7.45 0.00	55.94 -6.35 0.00
HYLAND___LFGE 323620	71.31 -1.01 0.00	70.87 -1.74 0.00	70.07 -2.10 0.00	70.14 -2.10 0.00	70.37 -1.95 0.00	70.73 -1.52 0.00	80.15 -2.91 0.00	127.02 -8.13 4.98	122.89 -8.04 3.08	96.94 -4.93 -3.28	103.54 -7.43 -3.26	100.80 -7.57 -3.30	85.56 -5.68 -3.89	77.21 -4.01 -8.24	72.91 -4.01 -4.01	71.86 -4.09 -1.58	69.68 -4.28 -1.44	71.57 -3.49 -2.25	71.46 -3.34 -2.07	66.85 -4.06 1.61	67.92 -4.13 0.38	66.92 -4.20 0.03	63.02 -3.53 0.00	59.05 -3.24 0.00
INDECK___CORINTH 23802	177.25 6.22 -98.71	136.75 6.25 -57.89	136.98 6.13 -58.69	136.96 6.14 -58.59	168.41 6.22 -89.87	135.29 4.19 -58.85	186.89 5.15 -98.69	241.51 8.55 -92.83	244.04 8.31 -101.73	258.79 6.40 -153.80	195.22 6.90 -80.60	181.62 6.73 -69.83	179.01 5.33 -86.34	152.89 4.45 -75.45	130.38 4.30 -53.17	123.57 4.46 -44.74	131.67 4.42 -54.73	141.49 4.52 -64.16	136.12 4.51 -58.87	132.55 4.28 -55.76	115.50 6.09 -36.98	109.10 5.98 -31.98	72.15 5.59 0.00	77.55 5.11 -10.15
INDECK___ILION 23567	77.31 4.99 0.00	76.90 4.28 0.00	75.49 3.32 0.00	74.69 2.46 0.00	74.34 2.02 0.00	74.27 2.02 0.00	85.30 2.24 0.00	143.64 3.50 0.00	137.63 3.62 0.00	101.64 3.06 0.00	111.38 3.66 0.00	108.85 3.78 0.00	90.84 3.49 0.00	76.27 3.28 0.00	76.48 3.57 0.00	78.24 3.87 0.00	76.57 4.06 0.00	77.25 4.44 0.00	77.10 4.36 0.00	76.36 3.84 0.00	75.69 3.26 0.00	74.06 2.92 0.00	68.95 2.40 0.00	64.29 1.99 0.00
INDECK___OLEAN 23982	71.83 -2.82 -2.34	70.57 -3.41 -1.37	69.66 -3.90 -1.39	69.65 -3.97 -1.39	70.47 -3.98 -2.13	69.96 -3.68 -1.39	79.74 -5.65 -2.33	123.60 -14.01 2.52	120.77 -12.73 0.50	95.82 -8.28 -5.52	100.93 -10.55 -3.76	98.53 -10.09 -3.55	82.16 -9.70 -4.51	73.02 -8.98 -9.02	68.72 -9.19 -5.00	68.26 -8.70 -2.59	67.20 -7.90 -2.59	68.21 -8.30 -3.70	67.92 -8.22 -3.40	64.81 -7.32 0.38	65.21 -7.39 -0.16	64.41 -7.47 -0.73	60.30 -6.26 0.00	57.99 -4.54 -0.24
INDECK___OSWEGO 23783	69.29 -3.03 0.00	69.57 -3.05 0.00	68.99 -3.17 0.00	69.06 -3.18 0.00	69.21 -3.11 0.00	69.22 -3.03 0.00	79.40 -3.65 0.00	135.09 -6.86 -1.82	128.70 -6.43 -1.12	94.35 -4.24 0.00	102.77 -4.95 0.00	100.35 -4.73 -0.01	84.86 -3.75 -1.27	74.25 -2.92 -4.19	73.96 -2.99 -4.05	74.58 -3.20 -3.40	73.00 -3.41 -3.89	74.56 -3.13 -4.88	74.02 -3.20 -4.48	73.77 -3.41 -4.66	70.98 -3.40 -1.94	67.73 -3.41 0.00	63.49 -3.06 0.00	59.86 -2.43 0.00
INDECK___YERKES 23781	68.63 -3.69 0.00	68.11 -4.50 0.00	67.26 -4.91 0.00	67.40 -4.84 0.00	67.54 -4.78 0.00	67.77 -4.48 0.00	75.42 -7.64 0.00	117.06 -18.50 4.57	113.36 -17.82 2.82	90.22 -11.33 -2.97	96.56 -14.11 -2.95	94.39 -13.66 -2.98	80.40 -11.01 -4.06	72.41 -8.39 -7.82	69.10 -8.60 -4.79	68.65 -8.63 -2.90	65.83 -9.57 -2.89	68.15 -8.81 -4.16	67.53 -9.02 -3.82	62.80 -9.64 0.07	62.97 -9.63 -0.17	62.09 -9.04 0.02	59.16 -7.39 0.00	56.31 -5.98 0.00
INDIAN POINT_GT_1 24139	84.25 2.89 -9.04	81.11 3.20 -5.30	80.28 2.74 -5.37	80.35 2.75 -5.36	83.30 2.75 -8.23	80.60 2.96 -5.39	96.24 4.15 -9.04	155.92 7.29 -8.50	151.09 7.77 -9.32	128.50 6.51 -23.40	131.10 6.68 -16.70	127.80 6.93 -15.80	121.93 5.85 -28.73	125.60 4.89 -47.73	119.38 4.81 -41.66	114.48 5.06 -35.06	116.76 4.86 -39.38	128.18 5.10 -50.28	123.89 5.02 -46.13	114.14 4.79 -36.84	81.71 4.64 -4.64	78.20 4.13 -2.93	70.48 3.93 0.00	66.53 3.30 -0.93
INDIAN POINT_GT_2 23659	84.25 2.89 -9.04	81.11 3.20 -5.30	80.28 2.74 -5.37	80.35 2.75 -5.36	83.30 2.75 -8.23	80.60 2.96 -5.39	96.24 4.15 -9.04	155.92 7.29 -8.50	151.09 7.77 -9.32	128.50 6.51 -23.40	131.10 6.68 -16.70	127.80 6.93 -15.80	121.93 5.85 -28.73	125.60 4.89 -47.73	119.38 4.81 -41.66	114.48 5.06 -35.06	116.76 4.86 -39.38	128.18 5.10 -50.28	123.89 5.02 -46.13	114.14 4.79 -36.84	81.71 4.64 -4.64	78.20 4.13 -2.93	70.48 3.93 0.00	66.53 3.30 -0.93
INDIAN POINT_GT_3 24019	84.25 2.89 -9.04	81.11 3.20 -5.30	80.28 2.74 -5.37	80.35 2.75 -5.36	83.30 2.75 -8.23	80.60 2.96 -5.39	96.24 4.15 -9.04	155.92 7.29 -8.50	151.09 7.77 -9.32	128.50 6.51 -23.40	131.10 6.68 -16.70	127.80 6.93 -15.80	121.93 5.85 -28.73	125.60 4.89 -47.73	119.38 4.81 -41.66	114.48 5.06 -35.06	116.76 4.86 -39.38	128.18 5.10 -50.28	123.89 5.02 -46.13	114.14 4.79 -36.84	81.71 4.64 -4.64	78.20 4.13 -2.93	70.48 3.93 0.00	66.53 3.30 -0.93
INDIAN POINT___2 23530	83.96 2.75 -8.89	80.81 2.98 -5.22	80.05 2.59 -5.29	80.19 2.67 -5.28	83.09 2.68 -8.10	80.37 2.81 -5.30	95.85 3.90 -8.89	155.36 6.86 -8.36	150.54 7.37 -9.17	127.86 6.21 -23.06	130.53 6.35 -16.46	127.26 6.62 -15.57	121.28 5.60 -28.33	124.74 4.67 -47.09	118.61 4.60 -41.10	113.79 4.83 -34.59	115.94 4.57 -38.85	127.22 4.80 -49.60	123.05 4.80 -45.51	113.43 4.57 -36.34	94.02 4.35 -17.24	77.94 3.91 -2.88	70.28 3.72 0.00	66.32 3.11 -0.91
INDIAN POINT___3 23531	84.19 2.82 -9.05	81.04 3.12 -5.31	80.22 2.67 -5.38	80.28 2.67 -5.37	83.23 2.68 -8.24	80.53 2.89 -5.39	96.09 3.99 -9.05	155.65 7.01 -8.51	150.84 7.50 -9.32	128.32 6.31 -23.42	130.89 6.46 -16.71	127.60 6.72 -15.81	121.69 5.59 -28.75	125.42 4.67 -47.76	119.27 4.67 -41.69	114.28 4.83 -35.08	116.56 4.64 -39.41	128.00 4.88 -50.31	123.70 4.80 -46.16	113.95 4.57 -36.86	81.49 4.42 -4.64	78.06 3.98 -2.93	70.28 3.73 0.00	66.46 3.24 -0.93
INGHAM_C_115KV_TB7 356103	76.80 4.48 0.00	76.39 3.78 0.00	74.98 2.81 0.00	74.26 2.02 0.00	73.91 1.59 0.00	73.69 1.44 0.00	84.63 1.58 0.00	142.52 2.38 0.00	136.69 2.68 0.00	100.86 2.27 0.00	110.52 2.80 0.00	108.01 2.94 0.00	90.14 2.80 0.00	75.68 2.70 0.00	75.97 3.06 0.00	77.72 3.35 0.00	75.99 3.48 0.00	76.67 3.86 0.00	76.52 3.78 0.00	75.78 3.26 0.00	75.19 2.75 0.00	73.57 2.42 0.00	68.48 1.93 0.00	63.91 1.62 0.00
IP CORINTH___1 23988	177.25 6.22 -98.71	136.75 6.24 -57.89	136.99 6.13 -58.69	136.89 6.07 -58.59	168.34 6.15 -89.87	135.65 4.55 -58.85	187.31 5.56 -98.69	242.21 9.25 -92.83	244.85 9.11 -101.73	259.39 7.00 -153.80	195.86 7.54 -80.60	182.14 7.25 -69.83	179.45 5.77 -86.34	153.25 4.82 -75.45	130.74 4.67 -53.17	123.94 4.83 -44.74	132.10 4.86 -54.73	141.85 4.88 -64.16	136.48 4.87 -58.87	132.91 4.64 -55.76	99.18 6.16 -20.59	109.10 5.98 -31.98	72.14 5.59 0.00	77.55 5.11 -10.15

IP___TICONDEROGA 23804	179.80 9.69 -97.78	139.62 9.66 -57.35	139.90 9.60 -58.13	139.81 9.54 -58.04	171.04 9.69 -89.03	139.22 8.67 -58.30	191.28 10.46 -97.76	249.60 17.52 -91.95	251.53 16.75 -100.77	263.48 12.42 -152.47	201.03 13.36 -79.95	187.38 13.03 -69.29	183.52 10.39 -85.78	156.75 8.54 -75.23	134.47 8.46 -53.10	127.83 8.78 -44.68	135.98 8.85 -54.62	145.78 8.88 -64.08	140.41 8.87 -58.80	136.53 8.41 -55.61	102.36 9.49 -20.43	112.00 9.18 -31.68	75.07 8.52 0.00	80.14 7.79 -10.05
ISLIP_RES_REC 323679	139.42 6.94 -60.15	125.56 7.12 -45.82	124.93 6.57 -46.20	118.21 6.50 -39.47	124.07 6.58 -45.17	144.13 6.79 -65.10	151.25 8.89 -59.31	164.03 15.28 -8.62	185.19 15.67 -35.52	170.99 12.42 -59.98	153.95 12.92 -33.31	152.60 12.92 -34.62	150.13 10.83 -51.95	149.90 9.12 -67.80	145.65 9.04 -63.70	146.26 9.45 -62.45	151.20 9.06 -69.62	229.01 9.40 -146.80	226.36 9.31 -144.31	217.55 9.06 -135.97	146.02 8.83 -64.75	127.84 8.11 -48.58	109.26 7.45 -35.26	91.19 6.48 -22.42
JAMAICA__27_KV_LOAD 355505	84.86 3.40 -9.14	81.60 3.63 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.91 4.98 -9.87	157.69 8.97 -8.59	152.94 9.51 -9.42	130.22 7.99 -23.65	132.67 8.08 -16.87	129.43 8.41 -15.96	123.45 7.08 -29.03	127.12 5.91 -48.22	120.83 5.83 -42.09	115.96 6.17 -35.42	118.25 5.95 -39.79	129.94 6.33 -50.80	125.60 6.26 -46.61	115.68 5.95 -37.22	82.84 5.72 -4.69	79.16 5.05 -2.96	71.55 4.99 0.00	67.41 4.17 -0.94
JANIS___SOLAR 323808	80.88 3.76 -4.80	79.06 3.63 -2.81	78.27 3.25 -2.85	78.34 3.25 -2.85	80.02 3.33 -4.37	78.79 3.68 -2.86	92.09 4.23 -4.80	152.72 5.88 -6.70	146.21 5.89 -6.31	113.50 4.73 -10.18	118.70 4.31 -6.67	115.28 4.09 -6.12	104.12 3.58 -13.19	92.16 3.14 -16.04	94.97 2.99 -19.07	96.82 3.27 -19.18	97.13 3.04 -21.57	103.92 3.57 -27.54	101.20 3.20 -25.27	96.79 2.90 -21.38	84.89 2.75 -9.70	74.96 2.21 -1.60	68.49 1.93 0.00	64.47 1.68 -0.49
JARVIS____ 23743	72.97 0.65 0.00	73.42 0.80 0.00	72.81 0.65 0.00	72.89 0.65 0.00	72.97 0.65 0.00	72.82 0.58 0.00	83.80 0.75 0.00	141.25 1.12 0.00	135.21 1.20 0.00	99.67 1.09 0.00	108.80 1.08 0.00	106.22 1.16 0.00	88.31 0.96 0.00	73.86 0.88 0.00	73.79 0.88 0.00	75.27 0.90 0.00	73.31 0.80 0.00	73.61 0.80 0.00	73.54 0.80 0.00	73.31 0.80 0.00	73.16 0.72 0.00	71.79 0.64 0.00	67.15 0.60 0.00	62.85 0.56 0.00
JENNISON___1 23625	84.28 4.27 -7.69	81.34 4.21 -4.51	80.49 3.75 -4.57	80.27 3.47 -4.57	83.01 3.69 -7.00	80.81 3.97 -4.59	95.31 4.57 -7.69	153.80 6.87 -6.80	148.78 7.10 -7.67	119.79 5.72 -15.48	123.21 5.71 -9.79	119.60 5.57 -8.96	106.32 4.63 -14.34	95.65 4.01 -18.65	93.27 3.79 -16.57	92.97 4.02 -14.59	92.76 3.70 -16.55	97.89 4.15 -20.93	95.79 3.86 -19.20	91.50 3.55 -15.44	78.93 3.33 -3.16	76.42 2.77 -2.50	69.02 2.46 0.00	65.20 2.12 -0.79
JENNISON___2 23626	84.28 4.27 -7.69	81.34 4.21 -4.51	80.49 3.75 -4.57	80.27 3.47 -4.57	83.01 3.69 -7.00	80.81 3.97 -4.59	95.31 4.57 -7.69	153.80 6.87 -6.80	148.78 7.10 -7.67	119.79 5.72 -15.48	123.21 5.71 -9.79	119.60 5.57 -8.96	106.32 4.63 -14.34	95.65 4.01 -18.65	93.27 3.79 -16.57	92.97 4.02 -14.59	92.76 3.70 -16.55	97.89 4.15 -20.93	95.79 3.86 -19.20	91.50 3.55 -15.44	78.93 3.33 -3.16	76.42 2.77 -2.50	69.02 2.46 0.00	65.20 2.12 -0.79
JERICHO_RISE_WT_PWR 323719	72.61 0.29 0.00	72.69 0.07 0.00	72.89 0.72 0.00	72.89 0.65 0.00	72.90 0.58 0.00	73.04 0.80 0.00	83.39 0.33 0.00	141.39 1.26 0.00	134.41 0.40 0.00	97.70 -0.89 0.00	107.29 -0.43 0.00	104.12 -0.95 0.00	86.39 -0.96 0.00	71.96 -1.02 0.00	71.67 -1.24 0.00	73.03 -1.34 0.00	71.43 -1.09 0.00	71.21 -1.60 0.00	70.99 -1.75 0.00	70.70 -1.81 0.00	70.55 -1.88 0.00	69.37 -1.78 0.00	64.56 -1.99 0.00	60.62 -1.68 0.00
KATONAH___115KV_46KV_TB4 355592	85.46 3.83 -9.31	82.21 4.14 -5.46	81.38 3.68 -5.54	81.52 3.76 -5.53	84.63 3.83 -8.48	81.85 4.05 -5.55	97.68 5.32 -9.31	158.84 9.95 -8.76	153.92 10.32 -9.60	130.89 8.28 -24.02	133.35 8.51 -17.12	130.08 8.83 -16.19	124.28 7.51 -29.42	128.16 6.35 -48.83	121.79 6.27 -42.61	116.77 6.54 -35.85	119.03 6.24 -40.28	130.78 6.55 -51.42	126.39 6.47 -47.18	116.29 6.09 -37.68	83.13 5.94 -4.75	79.50 5.34 -3.02	71.55 4.99 0.00	67.30 4.05 -0.96
KCE_NY_1 323755	173.86 5.06 -96.47	134.35 5.16 -56.58	134.50 4.98 -57.35	134.55 5.05 -57.26	165.21 5.06 -87.83	134.39 4.63 -57.52	185.07 5.57 -96.45	239.96 9.10 -90.72	242.41 8.98 -99.42	256.08 6.90 -150.59	194.19 7.43 -79.05	181.05 7.46 -68.53	178.36 6.02 -84.99	152.86 4.97 -74.91	130.81 4.89 -53.01	124.04 5.06 -44.61	131.92 4.93 -54.47	141.80 5.02 -63.97	136.45 5.02 -58.70	132.77 4.86 -55.40	114.20 5.22 -36.55	107.38 4.98 -31.25	71.21 4.66 0.00	76.45 4.24 -9.92
KCE_NY_6_ESR 323823	69.50 -2.82 0.00	69.06 -3.56 0.00	68.20 -3.97 0.00	68.26 -3.97 0.00	68.34 -3.98 0.00	68.64 -3.61 0.00	76.82 -6.23 0.00	119.55 -15.98 4.61	115.88 -15.28 2.84	92.26 -9.46 -3.14	98.67 -12.17 -3.12	96.56 -11.67 -3.16	81.78 -9.78 -4.21	73.37 -7.81 -8.20	69.70 -8.10 -4.88	68.88 -8.33 -2.84	66.50 -8.85 -2.83	68.27 -8.59 -4.06	67.95 -8.51 -3.72	63.61 -8.78 0.13	63.85 -8.77 -0.18	62.80 -8.32 0.02	59.70 -6.85 0.00	56.75 -5.54 0.00
KEDC_PORT_JEFF_GT2 24210	139.12 6.65 -60.15	125.26 6.82 -45.82	124.72 6.35 -46.20	117.99 6.28 -39.47	123.78 6.29 -45.17	143.85 6.50 -65.10	150.83 8.48 -59.30	163.47 14.71 -8.63	187.04 15.14 -37.89	172.32 12.02 -61.71	153.42 12.38 -33.32	152.08 12.39 -34.62	149.70 10.39 -51.96	149.54 8.75 -67.80	145.29 8.67 -63.71	145.90 9.07 -62.46	150.92 8.77 -69.63	243.83 8.81 -162.21	241.18 8.72 -159.72	232.02 8.92 -150.59	145.73 8.54 -64.76	127.56 7.83 -48.58	109.00 7.19 -35.26	90.94 6.23 -22.42
KEDC_PORT_JEFF_GT3 24211	139.12 6.65 -60.15	125.26 6.82 -45.82	124.72 6.35 -46.20	117.99 6.28 -39.47	123.78 6.29 -45.17	143.85 6.50 -65.10	150.83 8.48 -59.30	163.47 14.71 -8.63	187.04 15.14 -37.89	172.32 12.02 -61.71	153.42 12.38 -33.32	152.08 12.39 -34.62	149.70 10.39 -51.96	149.54 8.75 -67.80	145.29 8.67 -63.71	145.90 9.07 -62.46	150.92 8.77 -69.63	243.83 8.81 -162.21	241.18 8.72 -159.72	232.02 8.92 -150.59	145.73 8.54 -64.76	127.56 7.83 -48.58	109.00 7.19 -35.26	90.94 6.23 -22.42
KEDC_GLWD_GT4 24219	137.17 4.70 -60.15	123.31 4.87 -45.82	122.77 4.40 -46.20	116.11 4.41 -39.47	121.90 4.41 -45.17	141.97 4.63 -65.10	149.45 6.06 -60.33	159.51 10.79 -8.59	172.09 11.53 -26.56	161.51 9.47 -53.46	150.80 9.80 -33.28	149.64 9.99 -34.59	147.66 8.39 -51.92	147.76 7.01 -67.77	143.43 6.85 -63.67	143.86 7.07 -62.42	149.00 6.89 -69.60	168.71 7.14 -88.76	166.12 7.13 -86.25	160.31 6.89 -80.90	143.67 6.52 -64.72	125.63 5.90 -48.58	107.33 5.52 -35.26	89.51 4.80 -22.42
KEDC_GLWD_GT5 24220	137.17 4.70 -60.15	123.31 4.87 -45.82	122.77 4.40 -46.20	116.11 4.41 -39.47	121.90 4.41 -45.17	141.97 4.63 -65.10	149.45 6.06 -60.33	159.51 10.79 -8.59	172.09 11.53 -26.56	161.51 9.47 -53.46	150.80 9.80 -33.28	149.64 9.99 -34.59	147.66 8.39 -51.92	147.76 7.01 -67.77	143.43 6.85 -63.67	143.86 7.07 -62.42	149.00 6.89 -69.60	168.71 7.14 -88.76	166.12 7.13 -86.25	160.31 6.89 -80.90	143.67 6.52 -64.72	125.63 5.90 -48.58	107.33 5.52 -35.26	89.51 4.80 -22.42

KENSICO____ 23655	84.55 3.11 -9.12	81.38 3.41 -5.35	80.55 2.96 -5.42	80.54 2.89 -5.41	83.59 2.97 -8.30	80.86 3.18 -5.44	96.58 4.40 -9.12	156.42 7.71 -8.58	151.58 8.17 -9.40	129.09 6.90 -23.60	131.67 7.11 -16.84	128.35 7.35 -15.93	122.43 6.11 -28.97	126.21 5.11 -48.12	120.02 5.10 -42.00	115.07 5.35 -35.34	117.29 5.08 -39.71	128.81 5.32 -50.69	124.56 5.31 -46.51	114.66 5.00 -37.14	81.96 4.85 -4.68	78.44 4.34 -2.95	70.68 4.13 0.00	66.78 3.55 -0.94
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	87.02 3.83 -10.87	83.13 4.14 -6.37	82.38 3.75 -6.46	82.44 3.76 -6.45	85.98 3.76 -9.89	82.77 4.05 -6.48	99.24 5.32 -10.87	158.76 8.41 -10.22	153.65 8.44 -11.20	131.17 6.90 -25.68	132.34 7.00 -17.62	128.62 7.04 -16.51	122.17 5.77 -29.05	124.49 4.89 -46.61	118.17 4.88 -40.38	113.55 5.21 -33.98	115.87 5.08 -38.28	127.00 5.46 -48.73	122.83 5.38 -44.71	113.43 5.00 -35.92	82.07 4.78 -4.85	79.01 4.34 -3.52	70.48 3.93 0.00	66.84 3.43 -1.12
KIAC_JFK_GT1 23816	84.13 2.68 -9.14	80.88 2.90 -5.36	79.91 2.31 -5.43	79.97 2.31 -5.42	82.95 2.31 -8.32	80.37 2.67 -5.45	97.08 4.15 -9.87	156.29 7.57 -8.59	151.60 8.17 -9.42	129.24 7.00 -23.65	131.70 7.11 -16.87	128.38 7.35 -15.96	122.58 6.20 -29.03	126.39 5.18 -48.22	120.11 5.10 -42.09	115.22 5.43 -35.42	117.52 5.22 -39.79	129.14 5.53 -50.80	124.87 5.53 -46.61	114.95 5.22 -37.22	82.12 5.00 -4.69	78.45 4.34 -2.96	70.88 4.33 0.00	66.85 3.61 -0.94
KIAC_JFK_GT2 23817	84.13 2.68 -9.14	80.88 2.90 -5.36	79.91 2.31 -5.43	79.97 2.31 -5.42	82.95 2.31 -8.32	80.37 2.67 -5.45	97.08 4.15 -9.87	156.29 7.57 -8.59	151.60 8.17 -9.42	129.24 7.00 -23.65	131.70 7.11 -16.87	128.38 7.35 -15.96	122.58 6.20 -29.03	126.39 5.18 -48.22	120.11 5.10 -42.09	115.22 5.43 -35.42	117.52 5.22 -39.79	129.14 5.53 -50.80	124.87 5.53 -46.61	114.95 5.22 -37.22	82.12 5.00 -4.69	78.45 4.34 -2.96	70.88 4.33 0.00	66.85 3.61 -0.94
KIAC_JFK____ 323774	84.13 2.68 -9.14	80.88 2.91 -5.36	79.91 2.31 -5.43	80.04 2.38 -5.42	83.02 2.38 -8.32	80.37 2.67 -5.45	97.08 4.15 -9.87	156.29 7.56 -8.59	151.60 8.18 -9.42	129.24 7.00 -23.65	131.70 7.11 -16.87	128.38 7.35 -15.96	122.58 6.20 -29.03	126.39 5.18 -48.22	120.10 5.10 -42.09	115.21 5.43 -35.42	117.53 5.22 -39.79	129.14 5.53 -50.80	124.87 5.53 -46.61	114.96 5.22 -37.22	95.09 4.99 -17.66	78.45 4.34 -2.96	70.88 4.32 0.00	66.78 3.55 -0.94
KINTIGH____ 23543	68.27 -4.05 0.00	68.04 -4.57 0.00	67.26 -4.91 0.00	66.89 -5.35 0.00	67.69 -4.63 0.00	67.91 -4.33 0.00	76.16 -6.89 0.00	119.60 -15.98 4.56	115.65 -15.54 2.81	91.47 -9.76 -2.65	98.18 -12.17 -2.63	95.96 -11.77 -2.66	82.03 -9.08 -3.77	73.67 -6.42 -7.11	70.89 -6.63 -4.61	69.69 -7.66 -2.98	66.76 -8.70 -2.95	68.92 -8.15 -4.27	68.51 -8.15 -3.92	63.71 -8.77 0.03	61.67 -8.84 1.93	63.02 -8.11 0.01	59.77 -6.79 0.00	56.38 -5.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	74.34 2.02 0.00	74.43 1.82 0.00	74.55 2.38 0.00	74.84 2.60 0.00	74.71 2.39 0.00	74.85 2.60 0.00	85.05 1.99 0.00	143.50 3.36 0.00	136.42 2.41 0.00	99.28 0.69 0.00	108.80 1.08 0.00	105.70 0.63 0.00	87.44 0.09 0.00	73.13 0.15 0.00	72.76 -0.15 0.00	74.22 -0.15 0.00	72.59 0.07 0.00	72.52 -0.29 0.00	72.30 -0.44 0.00	71.71 -0.80 0.00	71.56 -0.87 0.00	70.22 -0.92 0.00	65.29 -1.26 0.00	61.55 -0.75 0.00
LACHUTE__HYDRO 323717	179.80 9.69 -97.78	139.62 9.66 -57.35	139.90 9.60 -58.13	139.88 9.61 -58.04	171.04 9.69 -89.03	139.21 8.67 -58.30	191.28 10.46 -97.76	249.46 17.37 -91.95	251.39 16.61 -100.77	263.48 12.42 -152.47	201.03 13.35 -79.95	187.38 13.03 -69.29	183.51 10.39 -85.78	156.67 8.46 -75.23	134.47 8.45 -53.10	127.82 8.77 -44.68	135.90 8.77 -54.62	145.77 8.88 -64.08	140.34 8.80 -58.80	136.53 8.41 -55.61	118.65 9.41 -36.80	112.01 9.18 -31.68	75.08 8.52 0.00	80.20 7.85 -10.05
LAWRNCV_115KV_TB1 80681	73.26 0.94 0.00	73.20 0.58 0.00	73.25 1.08 0.00	73.54 1.30 0.00	73.12 0.80 0.00	73.11 0.87 0.00	83.22 0.17 0.00	140.97 0.84 0.00	134.14 0.13 0.00	97.70 -0.89 0.00	107.93 0.22 0.00	104.86 -0.21 0.00	86.82 -0.52 0.00	72.54 -0.44 0.00	72.40 -0.51 0.00	73.63 -0.74 0.00	71.93 -0.58 0.00	71.94 -0.87 0.00	71.87 -0.87 0.00	71.71 -0.80 0.00	71.71 -0.72 0.00	70.79 -0.36 0.00	66.29 -0.27 0.00	62.42 0.12 0.00
LEDERLE____ 23769	83.97 2.89 -8.76	80.87 3.12 -5.14	80.11 2.74 -5.21	80.18 2.75 -5.20	83.04 2.75 -7.97	80.43 2.96 -5.22	95.96 4.15 -8.75	155.51 7.15 -8.23	150.54 7.50 -9.02	127.71 6.41 -22.72	130.41 6.46 -16.22	127.14 6.72 -15.35	120.96 5.68 -27.93	124.15 4.74 -46.43	118.11 4.67 -40.53	113.38 4.91 -34.10	115.54 4.71 -38.31	126.67 4.95 -48.91	122.49 4.87 -44.88	112.99 4.64 -35.84	81.43 4.49 -4.51	77.97 3.98 -2.84	70.28 3.73 0.00	66.37 3.18 -0.90
LIGHTRSE_115KV_TB6 355974	71.60 -0.72 0.00	71.82 -0.80 0.00	71.23 -0.94 0.00	71.15 -1.08 0.00	71.45 -0.87 0.00	71.60 -0.65 0.00	81.89 -1.16 0.00	137.33 -2.80 0.00	131.46 -2.55 0.00	97.21 -1.38 0.00	105.89 -1.83 0.00	103.50 -1.58 -0.01	87.38 -1.14 -1.17	76.18 -0.66 -3.86	75.91 -0.73 -3.73	76.54 -0.97 -3.13	74.60 -1.31 -3.40	76.29 -1.02 -4.50	75.77 -1.09 -4.12	74.33 -1.23 -3.05	71.13 -1.30 0.00	69.72 -1.42 0.00	65.36 -1.20 0.00	61.17 -1.12 0.00
LINDEN COGEN____ 23786	83.47 2.75 -8.41	73.88 2.98 1.71	79.97 2.38 -5.42	80.11 2.46 -5.41	75.65 2.53 -0.80	79.55 2.74 -4.56	62.15 4.07 24.97	137.03 7.42 10.53	114.68 7.90 27.23	94.10 6.80 11.29	89.87 6.90 24.75	88.78 7.24 23.53	83.14 6.11 10.32	86.92 5.03 -8.91	81.00 4.96 -3.13	76.27 5.28 3.38	77.76 5.00 -0.25	78.78 5.31 -0.66	77.80 5.24 0.18	75.70 4.93 1.75	62.08 4.71 15.06	70.91 4.20 4.44	70.61 4.06 0.00	66.72 3.49 -0.94
LINDHRST_69_KV_BK1 356055	138.26 5.79 -60.15	124.47 6.03 -45.82	123.85 5.48 -46.20	117.12 5.42 -39.47	122.98 5.50 -45.17	143.13 5.78 -65.10	150.10 7.56 -59.49	161.76 13.03 -8.59	174.66 13.53 -27.12	163.30 10.84 -53.87	152.21 11.20 -33.28	151.00 11.35 -34.59	148.79 9.52 -51.92	148.71 7.96 -67.77	144.53 7.95 -63.67	145.05 8.26 -62.42	150.09 7.98 -69.60	173.51 8.30 -92.40	170.86 8.22 -89.90	164.78 7.90 -84.36	131.94 7.75 -51.75	126.85 7.11 -48.58	108.40 6.59 -35.26	90.45 5.73 -22.42
LIPA_MISC_IPP 23656	138.84 6.36 -60.15	124.97 6.54 -45.82	124.43 6.06 -46.20	117.63 5.92 -39.47	123.49 6.00 -45.17	143.56 6.21 -65.10	150.48 8.14 -59.28	162.63 13.87 -8.62	183.78 14.07 -35.70	169.94 11.24 -60.11	152.56 11.53 -33.31	151.34 11.66 -34.62	149.00 9.70 -51.95	148.95 8.17 -67.80	144.78 8.17 -63.70	145.37 8.55 -62.45	150.33 8.19 -69.63	229.31 8.52 -147.98	226.66 8.44 -145.49	217.80 8.19 -137.10	132.25 8.04 -51.78	127.13 7.40 -48.58	108.53 6.72 -35.26	90.63 5.92 -22.42
LISF__SOLAR 323691	138.98 6.51 -60.15	125.12 6.68 -45.82	124.57 6.21 -46.20	117.84 6.14 -39.47	123.63 6.14 -45.17	143.70 6.36 -65.10	150.64 8.30 -59.28	162.90 14.15 -8.62	184.35 14.48 -35.87	170.25 11.43 -60.23	152.78 11.74 -33.31	151.55 11.87 -34.62	149.26 9.95 -51.95	149.10 8.32 -67.80	144.99 8.38 -63.70	145.52 8.70 -62.45	150.55 8.41 -69.63	230.61 8.73 -149.06	227.96 8.65 -146.57	219.04 8.41 -138.12	145.37 8.18 -64.75	127.27 7.54 -48.58	108.67 6.86 -35.26	90.76 6.04 -22.42

LITTLE FALLS___HYD 24013	76.80 4.48 0.00	76.39 3.78 0.00	74.98 2.81 0.00	74.26 2.02 0.00	73.91 1.59 0.00	73.69 1.44 0.00	84.63 1.58 0.00	142.52 2.38 0.00	136.69 2.68 0.00	100.86 2.27 0.00	110.52 2.80 0.00	108.01 2.94 0.00	90.14 2.80 0.00	75.68 2.70 0.00	75.97 3.06 0.00	77.72 3.35 0.00	75.99 3.48 0.00	76.67 3.86 0.00	76.52 3.78 0.00	75.78 3.26 0.00	75.19 2.75 0.00	73.57 2.42 0.00	68.48 1.93 0.00	63.91 1.62 0.00
LITTLRIV_115KV_TB1 356100	74.20 1.88 0.00	74.14 1.52 0.00	74.19 2.02 0.00	74.48 2.24 0.00	74.06 1.74 0.00	74.13 1.88 0.00	84.38 1.33 0.00	143.08 2.94 0.00	136.15 2.14 0.00	99.08 0.49 0.00	109.34 1.62 0.00	106.22 1.16 0.00	88.17 0.61 -0.21	74.13 0.44 -0.71	74.03 0.44 -0.68	75.24 0.30 -0.57	73.50 0.36 -0.62	73.78 0.15 -0.82	73.64 0.15 -0.75	73.29 0.22 -0.56	72.72 0.29 0.00	71.72 0.57 0.00	67.15 0.60 0.00	63.17 0.87 0.00
LI_NEWBRDGE___DRP 323616	136.60 4.12 -60.15	122.80 4.36 -45.82	122.19 3.82 -46.20	115.54 3.83 -39.47	121.39 3.91 -45.17	141.46 4.12 -65.10	147.55 5.56 -58.93	158.11 9.39 -8.59	170.48 9.92 -26.56	160.23 8.18 -53.46	149.40 8.40 -33.28	148.37 8.72 -34.59	146.52 7.25 -51.92	146.88 6.13 -67.77	142.63 6.05 -63.67	143.11 6.32 -62.42	148.13 6.02 -69.60	167.91 6.33 -88.76	165.25 6.26 -86.25	159.36 5.95 -80.90	129.98 5.79 -51.75	125.00 5.26 -48.58	106.80 4.99 -35.26	89.08 4.36 -22.42
LOCKPORT_115KV_TB60_63_64 80432	67.76 -4.56 0.00	67.39 -5.23 0.00	66.54 -5.63 0.00	65.88 -6.36 0.00	66.82 -5.50 0.00	67.12 -5.13 0.00	74.92 -8.14 0.00	116.39 -19.20 4.54	112.71 -18.49 2.80	89.61 -11.83 -2.85	95.69 -14.87 -2.84	93.64 -14.29 -2.87	79.77 -11.53 -3.95	71.85 -8.68 -7.56	68.88 -8.75 -4.72	68.46 -8.85 -2.94	65.50 -9.93 -2.92	67.64 -9.39 -4.22	67.30 -9.31 -3.87	62.10 -10.37 0.05	60.04 -10.36 2.03	61.60 -9.53 0.02	58.63 -7.92 0.00	55.50 -6.79 0.00
LOCKPORT___CC1 323769	67.54 -4.78 0.00	67.17 -5.45 0.00	66.32 -5.84 0.00	66.53 -5.71 0.00	66.61 -5.71 0.00	66.90 -5.35 0.00	74.67 -8.39 0.00	115.83 -19.75 4.55	112.03 -19.17 2.81	89.23 -12.23 -2.87	95.28 -15.30 -2.86	93.24 -14.71 -2.89	79.52 -11.79 -3.97	71.61 -8.98 -7.60	68.45 -9.19 -4.73	67.96 -9.22 -2.81	64.95 -10.37 -2.81	66.94 -9.83 -3.96	66.71 -9.67 -3.65	61.79 -10.66 0.06	61.94 -10.65 -0.15	61.39 -9.74 0.02	58.50 -8.06 0.00	55.57 -6.73 0.00
LOCKPORT___CC2 323770	67.54 -4.78 0.00	67.17 -5.45 0.00	66.32 -5.84 0.00	66.53 -5.71 0.00	66.61 -5.71 0.00	66.90 -5.35 0.00	74.67 -8.39 0.00	115.83 -19.75 4.55	112.03 -19.17 2.81	89.23 -12.23 -2.87	95.28 -15.30 -2.86	93.24 -14.71 -2.89	79.52 -11.79 -3.97	71.61 -8.98 -7.60	68.45 -9.19 -4.73	67.96 -9.22 -2.81	64.95 -10.37 -2.81	66.94 -9.83 -3.96	66.71 -9.67 -3.65	61.79 -10.66 0.06	61.94 -10.65 -0.15	61.39 -9.74 0.02	58.50 -8.06 0.00	55.57 -6.73 0.00
LOCKPORT___CC3 323771	67.54 -4.78 0.00	67.17 -5.45 0.00	66.32 -5.84 0.00	66.53 -5.71 0.00	66.61 -5.71 0.00	66.90 -5.35 0.00	74.67 -8.39 0.00	115.83 -19.75 4.55	112.03 -19.17 2.81	89.23 -12.23 -2.87	95.28 -15.30 -2.86	93.24 -14.71 -2.89	79.52 -11.79 -3.97	71.61 -8.98 -7.60	68.45 -9.19 -4.73	67.96 -9.22 -2.81	64.95 -10.37 -2.81	66.94 -9.83 -3.96	66.71 -9.67 -3.65	61.79 -10.66 0.06	61.94 -10.65 -0.15	61.39 -9.74 0.02	58.50 -8.06 0.00	55.57 -6.73 0.00
LONG_LAKE_PHOENIX 24014	70.15 -2.17 0.00	70.36 -2.25 0.00	69.78 -2.38 0.00	69.78 -2.46 0.00	70.08 -2.24 0.00	70.08 -2.17 0.00	80.40 -2.66 0.00	135.28 -5.33 -0.47	129.47 -4.82 -0.29	95.53 -3.06 0.00	103.95 -3.77 0.00	101.40 -3.68 -0.01	85.86 -2.80 -1.31	75.20 -2.12 -4.34	74.91 -2.19 -4.19	75.51 -2.38 -3.52	73.77 -2.61 -3.87	75.46 -2.40 -5.05	74.97 -2.40 -4.64	73.68 -2.61 -3.78	69.94 -2.68 -0.18	68.44 -2.70 0.00	64.09 -2.46 0.00	60.05 -2.24 0.00
LOVETT___3 23632	83.64 2.53 -8.79	80.53 2.76 -5.16	79.77 2.38 -5.23	79.84 2.38 -5.22	82.71 2.39 -8.00	80.09 2.60 -5.24	95.50 3.65 -8.79	154.85 6.45 -8.27	149.90 6.83 -9.06	127.21 5.82 -22.80	129.93 5.92 -16.28	126.67 6.20 -15.41	120.63 5.24 -28.04	123.96 4.38 -46.60	117.89 4.30 -40.68	113.14 4.54 -34.23	115.32 4.35 -38.45	126.49 4.59 -49.09	122.29 4.51 -45.04	112.76 4.28 -35.97	81.09 4.13 -4.52	77.62 3.63 -2.85	70.01 3.46 0.00	66.13 2.93 -0.90
LOVETT___4 23642	83.64 2.53 -8.79	80.53 2.76 -5.16	79.77 2.38 -5.23	79.84 2.38 -5.22	82.71 2.39 -8.00	80.09 2.60 -5.24	95.50 3.65 -8.79	154.85 6.45 -8.27	149.90 6.83 -9.06	127.21 5.82 -22.80	129.93 5.92 -16.28	126.67 6.20 -15.41	120.63 5.24 -28.04	123.96 4.38 -46.60	117.89 4.30 -40.68	113.14 4.54 -34.23	115.32 4.35 -38.45	126.49 4.59 -49.09	122.29 4.51 -45.04	112.76 4.28 -35.97	81.09 4.13 -4.52	77.62 3.63 -2.85	70.01 3.46 0.00	66.13 2.93 -0.90
LOVETT___5 23593	83.64 2.53 -8.79	80.53 2.76 -5.16	79.77 2.38 -5.23	79.84 2.38 -5.22	82.71 2.39 -8.00	80.09 2.60 -5.24	95.50 3.65 -8.79	154.85 6.45 -8.27	149.90 6.83 -9.06	127.21 5.82 -22.80	129.93 5.92 -16.28	126.67 6.20 -15.41	120.63 5.24 -28.04	123.96 4.38 -46.60	117.89 4.30 -40.68	113.14 4.54 -34.23	115.32 4.35 -38.45	126.49 4.59 -49.09	122.29 4.51 -45.04	112.76 4.28 -35.97	81.09 4.13 -4.52	77.62 3.63 -2.85	70.01 3.46 0.00	66.13 2.93 -0.90
LOWER RAQUET___HYD 24057	73.33 1.01 0.00	73.27 0.65 0.00	73.39 1.23 0.00	73.32 1.09 0.00	73.12 0.80 0.00	73.18 0.94 0.00	83.22 0.17 0.00	140.84 0.70 0.00	134.01 0.00 0.00	97.70 -0.89 0.00	108.04 0.32 0.00	104.96 -0.10 0.00	87.23 -0.35 -0.23	73.36 -0.36 -0.75	73.27 -0.36 -0.72	74.23 -0.74 -0.61	72.51 -0.65 -0.66	72.73 -0.95 -0.87	72.67 -0.87 -0.80	72.23 -0.87 -0.59	71.86 -0.80 -0.22	70.72 -0.42 0.00	66.29 -0.27 0.00	62.42 0.12 0.00
LOWER___HUDSON 24059	157.15 3.90 -80.93	124.21 4.14 -47.46	124.17 3.89 -48.11	124.17 3.90 -48.03	149.98 3.97 -73.68	124.33 3.83 -48.25	168.53 4.56 -80.91	223.52 7.28 -76.10	224.77 7.37 -83.40	232.71 5.82 -128.31	182.26 6.25 -68.29	170.85 6.30 -59.48	168.24 5.24 -75.65	148.64 4.38 -71.28	129.28 4.30 -52.07	122.57 4.39 -43.81	129.58 4.28 -52.79	139.94 4.29 -62.83	134.68 4.29 -57.65	129.82 4.28 -53.03	110.36 4.35 -33.58	101.42 4.05 -26.22	70.41 3.86 0.00	74.16 3.55 -8.32
LOWVILLE_115KV_TB2 356335	75.07 2.75 0.00	75.16 2.54 0.00	74.69 2.53 0.00	74.62 2.38 0.00	74.78 2.46 0.00	75.07 2.82 0.00	85.71 2.66 0.00	142.51 2.80 0.43	136.29 2.55 0.26	101.45 2.86 0.00	110.95 3.23 0.00	108.12 3.05 0.00	90.35 2.45 -0.55	77.36 2.55 -1.83	77.15 2.48 -1.77	78.31 2.45 -1.49	76.32 2.25 -1.56	77.42 2.48 -2.13	77.17 2.47 -1.95	75.96 2.32 -1.13	74.52 2.25 0.16	73.14 1.99 0.00	68.28 1.73 0.00	63.85 1.56 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	173.78 4.99 -96.47	134.35 5.16 -56.58	134.50 4.98 -57.35	134.41 4.91 -57.26	165.14 4.99 -87.83	134.32 4.55 -57.52	184.98 5.48 -96.45	239.82 8.97 -90.72	242.27 8.84 -99.42	256.08 6.90 -150.59	194.09 7.32 -79.05	180.95 7.35 -68.53	178.27 5.94 -84.99	152.86 4.96 -74.91	130.81 4.88 -53.01	123.96 4.98 -44.61	131.91 4.93 -54.47	141.74 4.95 -63.97	136.38 4.95 -58.70	132.70 4.79 -55.40	97.78 5.14 -20.21	107.31 4.91 -31.25	71.15 4.59 0.00	76.39 4.17 -9.92

LUTHERNY_35_KV_BK2 355980	173.86 5.06 -96.47	134.35 5.16 -56.58	134.50 4.98 -57.35	134.41 4.91 -57.26	165.14 4.99 -87.83	134.39 4.62 -57.52	185.07 5.56 -96.45	239.96 9.11 -90.72	242.40 8.98 -99.42	256.08 6.90 -150.59	194.20 7.43 -79.05	181.05 7.46 -68.53	178.36 6.03 -84.99	152.93 5.04 -74.91	130.81 4.88 -53.01	124.03 5.06 -44.61	131.91 4.93 -54.47	141.81 5.02 -63.97	136.46 5.02 -58.70	132.77 4.86 -55.40	97.86 5.22 -20.21	107.38 4.98 -31.25	71.21 4.66 0.00	76.45 4.24 -9.92
LWR___OSWEGATCHIE_HYD 23850	73.84 1.52 0.00	73.78 1.16 0.00	73.61 1.44 0.00	73.68 1.44 0.00	73.55 1.23 0.00	73.69 1.44 0.00	83.97 0.91 0.00	141.25 1.12 0.00	134.68 0.67 0.00	99.08 0.49 0.00	108.90 1.18 0.00	106.01 0.95 0.00	88.29 0.52 -0.41	75.08 0.73 -1.37	74.89 0.66 -1.32	75.93 0.45 -1.11	74.08 0.36 -1.21	74.77 0.36 -1.60	74.57 0.36 -1.46	73.88 0.29 -1.08	72.72 0.29 0.00	71.50 0.36 0.00	66.89 0.33 0.00	62.79 0.50 0.00
LYONS_FALL_HYD 23570	75.00 2.68 0.00	75.23 2.61 0.00	74.62 2.46 0.00	74.70 2.46 0.00	74.78 2.46 0.00	74.99 2.74 0.00	85.88 2.83 0.00	143.27 3.64 0.50	137.18 3.48 0.31	101.84 3.25 0.00	111.27 3.55 0.00	108.43 3.36 0.00	90.66 2.79 -0.51	77.30 2.62 -1.70	77.10 2.55 -1.64	78.28 2.53 -1.38	76.27 2.32 -1.44	77.33 2.55 -1.98	77.10 2.54 -1.81	75.87 2.39 -0.97	75.06 2.32 -0.31	73.21 2.06 0.00	68.35 1.80 0.00	63.91 1.62 0.00
MADISON___COUNTY_LFGE 323628	74.78 2.46 0.00	75.08 2.47 0.00	74.48 2.31 0.00	74.40 2.17 0.00	74.71 2.39 0.00	74.85 2.60 0.00	86.04 2.99 0.00	143.37 4.34 1.10	137.62 4.29 0.68	102.14 3.55 0.00	111.38 3.66 0.00	108.54 3.47 -0.01	91.12 2.88 -0.89	78.56 2.63 -2.95	78.24 2.48 -2.85	79.29 2.53 -2.40	77.23 2.25 -2.47	78.65 2.40 -3.44	78.22 2.33 -3.15	76.20 2.18 -1.51	74.11 2.10 0.42	72.93 1.78 0.00	68.15 1.60 0.00	63.73 1.43 0.00
MALONE___115KV_TB1 356076	74.34 2.02 0.00	74.43 1.82 0.00	74.55 2.38 0.00	74.77 2.53 0.00	74.63 2.31 0.00	74.70 2.46 0.00	85.13 2.08 0.00	143.64 3.50 0.00	136.69 2.68 0.00	99.48 0.89 0.00	109.34 1.62 0.00	106.12 1.05 0.00	87.79 0.44 0.00	73.42 0.44 0.00	73.13 0.22 0.00	74.59 0.22 0.00	72.88 0.36 0.00	72.81 0.00 0.00	72.67 -0.07 0.00	72.22 -0.29 0.00	72.07 -0.36 0.00	70.79 -0.36 0.00	65.96 -0.60 0.00	61.98 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	140.15 3.40 -64.43	114.03 3.63 -37.78	113.86 3.39 -38.30	113.87 3.40 -38.24	134.45 3.47 -58.66	114.13 3.47 -38.41	151.37 3.90 -64.41	206.74 6.03 -60.58	206.56 6.16 -66.39	208.21 4.93 -104.69	170.02 5.39 -56.91	160.45 5.46 -49.92	157.98 4.63 -66.00	145.02 3.87 -68.17	128.54 3.86 -51.76	121.72 3.79 -43.55	127.80 3.63 -51.66	138.77 3.49 -62.46	133.62 3.56 -57.31	127.24 3.63 -51.10	90.70 3.55 -14.71	95.43 3.42 -20.87	69.75 3.19 0.00	71.97 3.05 -6.62
MAPLE_RIDGE_WT_1 323574	71.60 -0.72 0.00	71.60 -1.02 0.00	71.09 -1.08 0.00	70.94 -1.30 0.00	70.80 -1.52 0.00	70.73 -1.52 0.00	81.15 -1.91 0.00	137.33 -2.80 0.00	131.06 -2.95 0.00	95.93 -2.66 0.00	105.13 -2.59 0.00	102.33 -2.73 0.00	85.08 -2.27 0.00	71.01 -1.97 0.00	70.94 -1.97 0.00	72.51 -1.86 0.00	70.85 -1.66 0.00	70.99 -1.82 0.00	70.92 -1.82 0.00	70.77 -1.74 0.00	70.69 -1.74 0.00	69.51 -1.63 0.00	64.96 -1.60 0.00	60.80 -1.50 0.00
MAPLE_RIDGE_WT_2 323611	71.60 -0.72 0.00	71.60 -1.02 0.00	71.09 -1.08 0.00	70.94 -1.30 0.00	70.80 -1.52 0.00	70.73 -1.52 0.00	81.15 -1.91 0.00	137.33 -2.80 0.00	131.06 -2.95 0.00	95.93 -2.66 0.00	105.13 -2.59 0.00	102.33 -2.73 0.00	85.08 -2.27 0.00	71.01 -1.97 0.00	70.94 -1.97 0.00	72.51 -1.86 0.00	70.85 -1.66 0.00	70.99 -1.82 0.00	70.92 -1.82 0.00	70.77 -1.74 0.00	70.69 -1.74 0.00	69.51 -1.63 0.00	64.96 -1.60 0.00	60.80 -1.50 0.00
MARBLE_RIVER_WT_PWR 323696	72.76 0.44 0.00	72.83 0.22 0.00	73.03 0.87 0.00	73.03 0.80 0.00	73.04 0.72 0.00	73.18 0.94 0.00	83.47 0.42 0.00	141.25 1.12 0.00	134.41 0.40 0.00	97.80 -0.79 0.00	107.29 -0.43 0.00	104.22 -0.84 0.00	86.48 -0.87 0.00	72.03 -0.95 0.00	71.74 -1.17 0.00	73.11 -1.26 0.00	71.43 -1.09 0.00	71.28 -1.53 0.00	70.99 -1.75 0.00	70.63 -1.89 0.00	70.48 -1.95 0.00	69.30 -1.85 0.00	64.49 -2.06 0.00	60.62 -1.68 0.00
MARSHVLE_115KV_TB1 80742	167.61 5.50 -89.79	130.86 5.59 -52.66	130.96 5.41 -53.38	130.88 5.35 -53.29	159.56 5.50 -81.75	131.71 5.92 -53.53	180.21 7.39 -89.77	236.42 12.19 -84.09	237.85 11.52 -92.32	246.85 8.38 -139.89	189.53 8.51 -73.30	175.85 7.25 -63.53	174.77 5.42 -82.01	158.34 5.18 -80.18	137.46 5.03 -59.51	129.88 5.43 -50.08	138.15 5.73 -59.91	150.67 6.04 -71.82	144.75 6.11 -65.90	137.90 5.80 -59.58	96.54 5.50 -18.60	105.57 5.34 -29.09	71.41 4.86 0.00	75.76 4.24 -9.23
MARSH_HILL_WT_PWR 323713	73.67 -1.23 -2.58	72.10 -2.03 -1.51	71.11 -2.59 -1.53	70.88 -2.89 -1.53	71.77 -2.90 -2.35	71.04 -2.75 -1.54	81.23 -4.40 -2.58	124.88 -11.77 3.48	121.76 -11.26 0.99	97.57 -7.10 -6.08	103.22 -8.62 -4.12	100.56 -8.41 -3.90	84.68 -6.29 -3.62	77.25 -4.82 -9.09	70.72 -4.81 -2.62	68.52 -5.06 0.79	65.97 -5.37 1.17	66.62 -5.02 1.16	66.44 -5.24 1.06	61.99 -6.02 4.51	64.90 -6.08 1.44	65.75 -6.19 -0.79	61.03 -5.52 0.00	57.76 -4.80 -0.27
MCINTYRE_115KV_TB2 80467	74.63 2.31 0.00	74.58 1.96 0.00	74.62 2.45 0.00	74.91 2.67 0.00	74.49 2.17 0.00	74.63 2.38 0.00	85.13 2.08 0.00	144.48 4.34 0.00	137.36 3.35 0.00	99.77 1.18 0.00	109.98 2.26 0.00	106.75 1.68 0.00	88.31 0.96 0.00	73.64 0.66 0.00	73.64 0.73 0.00	75.19 0.82 0.00	73.60 1.09 0.00	73.61 0.80 0.00	73.61 0.87 0.00	73.46 0.94 0.00	73.45 1.01 0.00	72.36 1.21 0.00	67.62 1.06 0.00	63.54 1.25 0.00
MECO_____69_KV_BK1 80468	175.56 6.87 -96.37	136.03 6.90 -56.51	136.24 6.78 -57.29	136.08 6.65 -57.20	166.85 6.80 -87.73	136.93 7.22 -57.45	188.37 8.97 -96.34	245.33 14.57 -90.62	247.12 13.80 -99.31	258.29 9.96 -149.75	196.24 10.23 -78.28	182.41 9.56 -67.78	180.43 7.51 -85.57	158.58 6.50 -79.11	136.60 6.42 -57.28	129.48 6.92 -48.20	137.98 7.18 -58.29	149.36 7.43 -69.12	143.58 7.42 -63.42	138.45 7.18 -58.76	99.30 6.88 -19.99	108.98 6.62 -31.22	72.61 6.06 0.00	77.56 5.36 -9.91
MENANDS___115KV_TB5 355628	135.90 3.04 -60.55	111.46 3.34 -35.51	111.26 3.10 -35.99	111.21 3.03 -35.94	130.55 3.11 -55.12	111.45 3.11 -36.10	146.99 3.41 -60.53	202.25 5.18 -56.94	201.63 5.23 -62.39	202.07 4.34 -99.15	166.70 4.74 -54.25	157.69 4.94 -47.68	155.26 4.19 -63.72	143.89 3.50 -67.40	128.13 3.57 -51.65	121.18 3.35 -43.46	126.98 3.12 -51.35	138.13 2.99 -62.33	132.98 3.06 -57.19	126.32 3.19 -50.62	89.60 3.11 -14.05	93.68 2.92 -19.61	69.35 2.80 0.00	71.32 2.80 -6.23
MG INDUSTRY___DRP 24185	113.52 5.13 -36.06	99.14 5.37 -21.15	98.87 5.27 -21.44	98.77 5.13 -21.40	110.29 5.13 -32.83	98.95 5.20 -21.50	124.59 5.48 -36.05	182.03 7.99 -33.91	178.94 7.77 -37.16	168.53 6.01 -63.93	151.37 6.46 -37.19	145.01 6.62 -33.32	141.73 5.50 -48.88	139.09 4.52 -61.59	127.60 4.59 -50.09	120.91 4.39 -42.15	125.36 4.21 -48.64	137.41 4.15 -60.45	132.35 4.15 -55.47	123.54 4.21 -46.82	86.23 3.98 -9.81	86.81 3.98 -11.68	70.75 4.19 0.00	70.05 4.05 -3.71

MID___OSWEGATCHIE_HYD 23849	73.84 1.52 0.00	73.78 1.16 0.00	73.61 1.44 0.00	73.68 1.44 0.00	73.55 1.23 0.00	73.69 1.44 0.00	83.97 0.91 0.00	141.25 1.12 0.00	134.68 0.67 0.00	99.08 0.49 0.00	108.90 1.18 0.00	106.01 0.95 0.00	88.29 0.52 -0.41	75.08 0.73 -1.37	74.89 0.66 -1.32	75.93 0.45 -1.11	74.08 0.36 -1.21	74.77 0.36 -1.60	74.57 0.36 -1.46	73.88 0.29 -1.08	72.72 0.29 0.00	71.50 0.36 0.00	66.89 0.33 0.00	62.79 0.50 0.00
MID___RAQUETTE_HYD 23851	73.33 1.01 0.00	73.27 0.65 0.00	73.39 1.23 0.00	73.61 1.37 0.00	73.19 0.87 0.00	73.19 0.94 0.00	83.22 0.17 0.00	140.83 0.70 0.00	134.01 0.00 0.00	97.70 -0.89 0.00	108.04 0.32 0.00	104.96 -0.11 0.00	87.14 -0.44 -0.23	73.36 -0.36 -0.75	73.19 -0.44 -0.72	74.23 -0.74 -0.61	72.52 -0.65 -0.66	72.73 -0.95 -0.87	72.66 -0.87 -0.80	72.23 -0.87 -0.59	71.64 -0.80 0.00	70.72 -0.43 0.00	66.29 -0.27 0.00	62.42 0.12 0.00
MILLIKEN___1 23584	75.91 0.87 -2.72	75.01 0.80 -1.60	74.36 0.58 -1.62	74.29 0.43 -1.62	75.52 0.72 -2.48	74.74 0.87 -1.62	86.69 0.91 -2.72	145.76 0.28 -5.35	139.22 0.67 -4.54	105.82 0.99 -6.25	112.33 0.32 -4.29	109.33 0.32 -3.95	98.69 0.52 -10.82	86.44 0.58 -12.88	91.10 0.51 -17.68	93.53 0.52 -18.64	93.66 0.29 -20.86	100.31 0.73 -26.78	97.88 0.58 -24.56	93.80 0.36 -20.93	78.93 0.22 -6.28	72.08 0.00 -0.94	66.55 0.00 0.00	62.45 -0.12 -0.28
MILLIKEN___2 23585	75.91 0.87 -2.72	75.01 0.80 -1.60	74.36 0.58 -1.62	74.29 0.43 -1.62	75.52 0.72 -2.48	74.74 0.87 -1.62	86.69 0.91 -2.72	145.76 0.28 -5.35	139.22 0.67 -4.54	105.82 0.99 -6.25	112.33 0.32 -4.29	109.33 0.32 -3.95	98.69 0.52 -10.82	86.44 0.58 -12.88	91.10 0.51 -17.68	93.53 0.52 -18.64	93.66 0.29 -20.86	100.31 0.73 -26.78	97.88 0.58 -24.56	93.80 0.36 -20.93	78.93 0.22 -6.28	72.08 0.00 -0.94	66.55 0.00 0.00	62.45 -0.12 -0.28
MILLIKEN___DIESEL 23629	75.91 0.87 -2.72	75.01 0.80 -1.60	74.36 0.58 -1.62	74.29 0.43 -1.62	75.52 0.72 -2.48	74.74 0.87 -1.62	86.69 0.91 -2.72	145.76 0.28 -5.35	139.22 0.67 -4.54	105.82 0.99 -6.25	112.33 0.32 -4.29	109.33 0.32 -3.95	98.69 0.52 -10.82	86.44 0.58 -12.88	91.10 0.51 -17.68	93.53 0.52 -18.64	93.66 0.29 -20.86	100.31 0.73 -26.78	97.88 0.58 -24.56	93.80 0.36 -20.93	78.93 0.22 -6.28	72.08 0.00 -0.94	66.55 0.00 0.00	62.45 -0.12 -0.28
MILLSEAT___LFGE 323607	69.42 -2.90 0.00	68.99 -3.63 0.00	68.13 -4.04 0.00	68.34 -3.90 0.00	68.48 -3.84 0.00	68.85 -3.39 0.00	77.00 -6.06 0.00	120.63 -14.99 4.51	116.75 -14.48 2.78	92.39 -8.97 -2.77	98.84 -11.64 -2.76	96.61 -11.24 -2.79	82.31 -8.91 -3.87	73.87 -6.50 -7.38	70.87 -6.71 -4.67	70.63 -6.69 -2.95	67.61 -7.83 -2.93	69.77 -7.28 -4.24	69.57 -7.05 -3.89	64.37 -8.12 0.02	64.40 -8.19 -0.15	63.59 -7.54 0.01	60.43 -6.12 0.00	57.19 -5.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	84.44 3.04 -9.09	81.21 3.27 -5.33	80.38 2.81 -5.40	80.45 2.82 -5.39	83.48 2.89 -8.27	80.77 3.11 -5.42	96.37 4.24 -9.08	156.10 7.43 -8.54	151.28 7.91 -9.36	128.71 6.61 -23.51	131.28 6.79 -16.77	127.97 7.04 -15.87	122.15 5.94 -28.86	125.88 4.96 -47.94	119.71 4.96 -41.84	114.71 5.13 -35.21	117.00 4.93 -39.55	128.47 5.17 -50.49	124.16 5.09 -46.33	114.37 4.86 -37.00	81.80 4.71 -4.66	78.29 4.20 -2.94	70.55 3.99 0.00	66.65 3.43 -0.93
MILLWOOD_13_KV_LOAD 356217	84.59 3.18 -9.09	81.36 3.41 -5.33	80.53 2.96 -5.40	80.59 2.96 -5.39	83.63 3.04 -8.27	80.92 3.25 -5.42	96.54 4.40 -9.08	156.67 7.99 -8.54	151.68 8.31 -9.36	129.10 7.00 -23.51	131.60 7.11 -16.77	128.39 7.46 -15.87	122.50 6.29 -28.86	126.17 5.25 -47.94	120.00 5.25 -41.84	115.01 5.43 -35.21	117.29 5.22 -39.55	128.76 5.46 -50.49	124.45 5.38 -46.33	114.59 5.08 -37.00	82.02 4.93 -4.66	78.50 4.41 -2.94	70.75 4.19 0.00	66.72 3.49 -0.93
MODEL_CITY_ENERGY 24167	67.26 -5.06 0.00	66.80 -5.81 0.00	66.03 -6.13 0.00	66.24 -5.99 0.00	66.39 -5.93 0.00	66.61 -5.64 0.00	74.25 -8.81 0.00	115.26 -20.32 4.56	111.50 -19.70 2.81	88.77 -12.72 -2.90	94.88 -15.73 -2.89	92.75 -15.24 -2.92	79.12 -12.23 -4.00	71.39 -9.27 -7.67	68.19 -9.48 -4.76	68.15 -9.15 -2.93	64.98 -10.44 -2.91	66.96 -10.05 -4.20	66.84 -9.75 -3.85	61.44 -11.02 0.05	61.52 -11.08 -0.16	60.89 -10.24 0.02	58.10 -8.45 0.00	55.19 -7.10 0.00
MODERN_LFGE___ 323580	67.26 -5.06 0.00	66.80 -5.81 0.00	66.03 -6.13 0.00	66.24 -5.99 0.00	66.39 -5.93 0.00	66.61 -5.64 0.00	74.25 -8.81 0.00	115.26 -20.32 4.56	111.50 -19.70 2.81	88.77 -12.72 -2.90	94.88 -15.73 -2.89	92.75 -15.24 -2.92	79.12 -12.23 -4.00	71.39 -9.27 -7.67	68.19 -9.48 -4.76	68.15 -9.15 -2.93	64.98 -10.44 -2.91	66.96 -10.05 -4.20	66.84 -9.75 -3.85	61.44 -11.02 0.05	61.52 -11.08 -0.16	60.89 -10.24 0.02	58.10 -8.45 0.00	55.19 -7.10 0.00
MOHAWK_PAPER___DRP 24187	140.15 3.40 -64.43	114.03 3.63 -37.78	113.86 3.39 -38.30	113.87 3.40 -38.24	134.45 3.47 -58.66	114.13 3.47 -38.41	151.37 3.90 -64.41	206.74 6.03 -60.58	206.56 6.16 -66.39	208.21 4.93 -104.69	170.02 5.39 -56.91	160.45 5.46 -49.92	157.98 4.63 -66.00	145.02 3.87 -68.17	128.54 3.86 -51.76	121.72 3.79 -43.55	127.80 3.63 -51.66	138.77 3.49 -62.46	133.62 3.56 -57.31	127.24 3.63 -51.10	90.70 3.55 -14.71	95.43 3.42 -20.87	69.75 3.19 0.00	71.97 3.05 -6.62
MOHICAN___35_KV_115KV_LD 80490	176.00 6.44 -97.24	136.18 6.54 -57.03	136.33 6.35 -57.81	136.24 6.28 -57.71	167.21 6.36 -88.53	135.42 5.20 -57.97	186.58 6.31 -97.21	242.08 10.51 -91.44	244.40 10.18 -100.21	258.07 7.79 -151.69	195.70 8.40 -79.58	182.23 8.20 -68.97	179.44 6.64 -85.45	153.55 5.47 -75.10	131.30 5.32 -53.07	124.52 5.50 -44.65	132.58 5.51 -54.56	142.38 5.53 -64.04	137.02 5.53 -58.76	133.33 5.29 -55.52	99.15 6.37 -20.34	108.84 6.19 -31.50	72.34 5.79 0.00	77.59 5.30 -10.00
MONGAUP___HYD 23641	84.22 3.61 -8.28	81.32 3.85 -4.86	80.62 3.54 -4.92	80.69 3.54 -4.92	83.40 3.54 -7.54	80.94 3.75 -4.94	95.73 4.40 -8.28	152.96 5.04 -7.79	147.50 4.96 -8.53	125.74 5.62 -21.53	128.49 5.38 -15.39	125.09 5.46 -14.56	118.31 4.45 -26.51	120.78 3.72 -44.08	115.18 3.79 -38.48	110.84 4.09 -32.38	113.02 4.13 -36.38	123.69 4.44 -46.44	119.71 4.36 -42.61	110.59 4.06 -34.02	92.84 4.27 -16.14	77.74 3.91 -2.68	70.08 3.52 0.00	66.38 3.24 -0.85
MONTAUK___DIESEL 23721	141.59 9.11 -60.15	127.66 9.22 -45.82	127.03 8.66 -46.20	120.01 8.31 -39.47	125.66 8.17 -45.17	145.29 7.95 -65.10	152.14 9.80 -59.28	164.73 15.98 -8.62	185.32 15.54 -35.77	170.88 12.13 -60.16	152.45 11.42 -33.31	151.13 11.45 -34.62	148.82 9.52 -51.95	148.81 8.03 -67.80	144.56 7.95 -63.70	145.15 8.33 -62.45	150.19 8.05 -69.63	229.62 8.37 -148.44	227.05 8.36 -145.95	218.09 8.05 -137.53	131.96 7.75 -51.78	126.70 6.97 -48.58	108.00 6.19 -35.26	90.57 5.86 -22.42
MOONROAD_115KV_HARTFLD_TB1-2 355988	70.58 -1.74 0.00	70.00 -2.61 0.00	68.99 -3.18 0.00	68.12 -4.12 0.00	69.07 -3.25 0.00	69.57 -2.67 0.00	78.24 -4.82 0.00	122.31 -13.17 4.65	118.54 -12.60 2.87	93.98 -7.89 -3.28	100.64 -10.34 -3.26	98.49 -9.88 -3.30	83.28 -8.39 -4.31	74.69 -6.79 -8.49	70.75 -7.07 -4.91	69.89 -7.21 -2.73	67.69 -7.54 -2.72	69.43 -7.28 -3.90	69.05 -7.27 -3.58	64.80 -7.47 0.24	62.65 -7.46 2.32	63.73 -7.40 0.02	60.43 -6.12 0.00	57.19 -5.11 0.00

MORRIS_RIDGE___SOLAR 323848	72.34 -2.46 -2.48	71.02 -3.05 -1.45	70.11 -3.53 -1.47	70.10 -3.61 -1.47	70.96 -3.61 -2.26	70.26 -3.47 -1.48	80.22 -5.32 -2.48	124.08 -13.45 2.60	120.92 -12.60 0.49	96.56 -7.89 -5.86	101.80 -9.91 -3.99	99.27 -9.56 -3.77	84.07 -7.77 -4.49	76.22 -6.13 -9.37	71.38 -6.20 -4.66	69.85 -6.47 -1.95	67.59 -6.82 -1.89	69.11 -6.48 -2.78	68.75 -6.55 -2.56	64.50 -6.89 1.13	65.39 -6.95 0.09	65.09 -6.83 -0.77	60.76 -5.79 0.00	57.63 -4.92 -0.25
MORTIMER_115KV_TB3 55949	69.93 -2.39 0.00	69.78 -2.83 0.00	69.06 -3.10 0.00	68.77 -3.47 0.00	69.43 -2.89 0.00	69.72 -2.53 0.00	78.74 -4.32 0.00	125.52 -10.23 4.38	121.52 -9.78 2.70	95.17 -5.82 -2.39	102.56 -7.54 -2.38	100.22 -7.25 -2.41	85.37 -5.50 -3.52	75.88 -3.65 -6.54	73.55 -3.79 -4.43	72.77 -4.61 -3.01	70.05 -5.44 -2.98	72.18 -4.95 -4.32	71.75 -4.95 -3.96	67.09 -5.51 -0.08	65.11 -5.58 1.75	65.94 -5.19 0.01	62.23 -4.33 0.00	58.37 -3.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	84.78 3.33 -9.14	81.53 3.56 -5.36	80.63 3.03 -5.43	80.70 3.03 -5.42	83.68 3.04 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.14	156.99 8.27 -8.59	152.27 8.84 -9.42	129.63 7.39 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.10	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.10 5.37 -37.22	82.34 5.22 -4.69	78.80 4.70 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
MUNSVILLE_WIND_PWR 323609	85.95 7.38 -6.25	83.47 7.19 -3.67	82.59 6.71 -3.72	82.52 6.57 -3.71	84.59 6.58 -5.69	83.13 7.15 -3.73	97.45 8.14 -6.25	159.77 12.88 -6.75	153.73 12.74 -6.99	121.19 9.76 -12.84	125.86 9.90 -8.23	122.27 9.66 -7.55	109.24 8.12 -13.77	97.19 6.86 -17.35	97.29 6.56 -17.82	98.17 6.92 -16.88	98.09 6.53 -19.05	104.17 7.14 -24.22	101.29 6.33 -22.22	96.93 6.02 -18.40	86.91 5.72 -8.76	78.11 4.91 -2.05	70.82 4.26 0.00	66.67 3.74 -0.64
N SALMON___HYD 24042	74.34 2.02 0.00	74.43 1.82 0.00	74.54 2.38 0.00	74.55 2.31 0.00	74.56 2.24 0.00	74.71 2.46 0.00	85.13 2.08 0.00	143.64 3.50 0.00	136.69 2.68 0.00	99.47 0.89 0.00	109.34 1.62 0.00	106.12 1.05 0.00	88.04 0.70 0.00	73.42 0.44 0.00	73.13 0.22 0.00	74.59 0.22 0.00	72.95 0.44 0.00	72.81 0.00 0.00	72.67 -0.07 0.00	72.22 -0.29 0.00	72.07 -0.36 0.00	70.86 -0.28 0.00	65.95 -0.60 0.00	61.92 -0.37 0.00
N.AKRON__115KV_KNAPP 355671	69.21 -3.11 0.00	68.84 -3.78 0.00	67.98 -4.19 0.00	67.40 -4.84 0.00	68.34 -3.98 0.00	68.71 -3.54 0.00	76.83 -6.23 0.00	120.34 -15.27 4.52	116.48 -14.74 2.79	92.11 -9.27 -2.79	98.54 -11.96 -2.77	96.31 -11.56 -2.81	82.07 -9.17 -3.89	73.76 -6.64 -7.42	70.81 -6.78 -4.68	70.40 -6.92 -2.95	67.39 -8.05 -2.93	69.62 -7.43 -4.23	69.28 -7.35 -3.88	64.14 -8.34 0.03	62.04 -8.40 1.99	63.45 -7.68 0.01	60.23 -6.32 0.00	56.87 -5.42 0.00
N.BELMOR_69_KV_BK1 55787	137.03 4.56 -60.15	123.16 4.72 -45.82	122.63 4.26 -46.20	115.90 4.19 -39.47	121.75 4.27 -45.17	141.90 4.55 -65.10	149.28 5.90 -60.33	159.09 10.37 -8.59	171.55 10.99 -26.56	161.02 8.97 -53.46	150.37 9.37 -33.28	149.11 9.46 -34.59	147.22 7.95 -51.92	147.39 6.64 -67.77	143.14 6.56 -63.67	143.63 6.84 -62.42	148.78 6.67 -69.60	168.41 6.84 -88.76	165.76 6.76 -86.25	159.94 6.53 -80.90	130.56 6.37 -51.75	125.49 5.76 -48.58	107.40 5.59 -35.26	89.57 4.86 -22.42
N.E_GEN_SANDY PD 24062	133.79 3.54 -57.93	133.00 3.85 -56.54	132.54 3.46 -56.91	130.03 3.54 -54.25	133.40 3.61 -57.47	141.29 3.54 -65.50	166.43 4.40 -78.98	182.20 7.14 -34.92	173.37 7.37 -32.00	156.80 6.01 -52.20	143.94 6.35 -29.87	138.00 6.52 -26.42	140.37 5.42 -47.60	141.79 4.53 -64.28	139.48 4.52 -62.05	144.57 4.61 -65.59	155.29 4.42 -78.35	170.40 4.52 -93.07	161.80 4.51 -84.55	145.65 4.50 -68.64	136.70 4.42 -59.85	130.00 4.12 -54.73	121.50 3.86 -51.09	119.40 3.49 -53.62
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	83.77 2.68 -8.77	80.67 2.90 -5.15	79.84 2.45 -5.22	79.90 2.46 -5.21	82.84 2.53 -7.99	80.22 2.75 -5.23	95.65 3.82 -8.77	154.97 6.59 -8.25	150.15 7.10 -9.04	127.36 6.01 -22.76	130.11 6.14 -16.25	126.85 6.41 -15.38	120.66 5.33 -27.99	123.95 4.45 -46.51	117.96 4.45 -40.60	113.15 4.61 -34.17	115.32 4.42 -38.38	126.47 4.66 -49.00	122.28 4.58 -44.96	112.76 4.35 -35.90	81.15 4.20 -4.52	77.76 3.77 -2.84	70.08 3.53 0.00	66.19 2.99 -0.90
N.QUEENS_27_KV_LOAD 356247	85.43 3.98 -9.14	82.11 4.14 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.89 3.25 -8.32	81.31 3.61 -5.45	97.65 5.07 -9.53	157.55 8.83 -8.59	152.67 9.25 -9.42	130.02 7.79 -23.64	132.56 7.97 -16.86	129.32 8.30 -15.95	123.36 6.99 -29.02	127.04 5.84 -48.22	120.76 5.76 -42.09	115.88 6.10 -35.41	118.03 5.73 -39.78	129.72 6.12 -50.79	125.31 5.96 -46.60	115.45 5.73 -37.21	82.63 5.50 -4.69	79.31 5.19 -2.97	71.48 4.93 0.00	67.66 4.42 -0.94
N.TROY___115KV_TB1 355778	157.16 3.91 -80.93	124.22 4.14 -47.46	124.18 3.90 -48.11	124.10 3.83 -48.03	149.91 3.91 -73.68	124.33 3.83 -48.25	168.53 4.57 -80.91	223.52 7.29 -76.10	224.64 7.24 -83.40	232.71 5.82 -128.31	182.26 6.25 -68.29	170.85 6.30 -59.48	168.24 5.24 -75.65	148.65 4.38 -71.28	129.28 4.30 -52.07	122.57 4.39 -43.81	129.58 4.28 -52.79	139.94 4.30 -62.83	134.68 4.29 -57.65	129.82 4.28 -53.03	94.32 4.35 -17.54	101.42 4.06 -26.22	70.41 3.86 0.00	74.10 3.49 -8.32
NARROWS_GT1_1 24228	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT1_2 24229	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT1_3 24230	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT1_4 24231	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95

NARROWS_GT1_5 24232	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT1_6 24233	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT1_7 24234	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT1_8 24235	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_1 24236	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_2 24237	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_3 24238	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_4 24239	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_5 24240	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_6 24241	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_7 24242	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NARROWS_GT2_8 24243	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	109.51 4.56 -32.64	96.55 4.79 -19.14	96.26 4.69 -19.40	96.23 4.62 -19.37	106.73 4.70 -29.71	96.55 4.84 -19.46	120.83 5.15 -32.63	177.97 7.15 -30.69	174.34 6.70 -33.63	162.48 5.13 -58.76	147.55 5.28 -34.56	141.39 5.25 -31.07	137.88 4.28 -46.25	136.24 3.58 -59.69	125.60 3.79 -48.89	119.16 3.64 -41.14	123.49 3.63 -47.35	135.38 3.57 -59.00	130.52 3.64 -54.14	121.51 3.55 -45.44	84.84 3.26 -9.15	84.99 3.27 -10.57	70.41 3.86 0.00	69.01 3.36 -3.36
NCHELSEA_115KV_TR2 355582	85.59 3.83 -9.44	82.22 4.07 -5.54	81.46 3.68 -5.61	81.53 3.68 -5.60	84.68 3.76 -8.60	81.85 3.97 -5.63	97.64 5.15 -9.44	157.56 8.55 -8.88	152.45 8.71 -9.73	129.77 7.10 -24.09	132.13 7.32 -17.09	128.77 7.56 -16.14	122.86 6.29 -29.22	126.54 5.25 -48.31	120.28 5.25 -42.12	115.24 5.43 -35.44	117.64 5.29 -39.83	129.17 5.53 -50.83	124.83 5.46 -46.64	114.93 5.15 -37.27	82.17 5.00 -4.74	78.76 4.55 -3.06	70.75 4.19 0.00	66.94 3.68 -0.97
NEG CAPITAL___MECHNVIL 23645	169.64 5.06 -92.26	131.95 5.23 -54.11	132.06 5.05 -54.85	132.05 5.05 -54.76	161.38 5.06 -83.99	132.02 4.77 -55.01	181.01 5.73 -92.23	236.28 9.39 -86.76	238.32 9.24 -95.07	250.33 7.19 -144.55	191.61 7.76 -76.13	178.91 7.77 -66.07	176.08 6.29 -82.44	152.13 5.26 -73.89	130.81 5.18 -52.72	124.01 5.28 -44.36	131.65 5.15 -53.98	141.68 5.25 -63.62	136.36 5.24 -58.38	132.32 5.07 -54.73	113.45 5.28 -35.73	106.09 5.05 -29.89	71.28 4.73 0.00	76.08 4.30 -9.49

NEG CENTRAL_HIGH_ACRES 23767	69.14 -3.18 0.00	69.06 -3.56 0.00	68.34 -3.83 0.00	68.63 -3.61 0.00	68.78 -3.54 0.00	69.00 -3.25 0.00	78.24 -4.82 0.00	125.71 -10.51 3.91	121.54 -10.05 2.41	94.80 -6.11 -2.32	102.39 -7.65 -2.32	99.95 -7.46 -2.34	85.28 -5.68 -3.60	75.50 -3.94 -6.46	73.52 -4.08 -4.70	73.03 -4.76 -3.43	70.47 -5.51 -3.47	72.76 -4.95 -4.91	72.22 -5.02 -4.50	67.75 -5.58 -0.82	67.29 -5.58 -0.43	65.73 -5.41 0.01	61.89 -4.66 0.00	58.12 -4.17 0.00
NEG CENTRAL___DRP 24199	71.45 -0.87 0.00	71.53 -1.09 0.00	70.79 -1.37 0.00	70.65 -1.59 0.00	71.16 -1.16 0.00	71.31 -0.94 0.00	81.64 -1.41 0.00	132.60 -4.62 2.91	128.06 -4.15 1.79	98.94 -2.17 -2.52	106.89 -3.34 -2.51	104.45 -3.15 -2.54	88.79 -2.18 -3.62	78.32 -1.46 -6.80	75.77 -1.60 -4.46	75.51 -1.78 -2.93	73.48 -2.10 -3.07	75.33 -1.67 -4.19	74.84 -1.75 -3.85	71.53 -2.10 -1.12	69.01 -2.17 1.26	68.86 -2.28 0.01	64.56 -2.00 0.00	60.36 -1.93 0.00
NEG CENTRAL___INDECK 23768	70.15 -2.17 0.00	69.86 -2.76 0.00	68.99 -3.17 0.00	69.13 -3.10 0.00	69.29 -3.03 0.00	69.65 -2.60 0.00	78.82 -4.23 0.00	124.64 -10.51 4.98	120.88 -10.05 3.08	95.76 -6.11 -3.29	102.69 -8.29 -3.26	100.07 -8.30 -3.30	84.95 -6.29 -3.89	76.77 -4.45 -8.25	72.32 -4.59 -4.01	71.03 -4.91 -1.58	68.58 -5.37 -1.44	70.32 -4.73 -2.24	70.14 -4.66 -2.06	65.53 -5.37 1.61	66.61 -5.43 0.39	65.71 -5.41 0.03	61.96 -4.59 0.00	58.18 -4.11 0.00
NEG CENTRAL___SENECA 23627	71.81 -0.51 0.00	71.74 -0.87 0.00	71.01 -1.15 0.00	70.79 -1.44 0.00	71.38 -0.94 0.00	71.60 -0.65 0.00	81.81 -1.25 0.00	130.76 -5.04 4.33	126.64 -4.69 2.67	99.01 -2.37 -2.79	106.72 -3.77 -2.77	104.41 -3.47 -2.81	88.30 -2.36 -3.31	78.52 -1.53 -7.07	74.74 -1.60 -3.43	73.78 -1.93 -1.34	71.48 -2.25 -1.21	72.97 -1.75 -1.91	72.67 -1.82 -1.75	68.83 -2.25 1.44	67.62 -2.32 2.50	68.63 -2.49 0.02	64.42 -2.13 0.00	60.24 -2.06 0.00
NEG CENTRAL___STATE_STREET 24147	71.60 -0.72 0.00	71.74 -0.87 0.00	71.08 -1.08 0.00	71.01 -1.23 0.00	71.45 -0.87 0.00	71.53 -0.72 0.00	82.06 -1.00 0.00	136.19 -2.94 1.00	130.85 -2.55 0.62	99.79 -1.28 -2.48	108.16 -2.05 -2.49	105.56 -2.00 -2.49	90.82 -1.40 -4.87	79.55 -0.80 -7.37	79.11 -0.95 -7.15	79.70 -1.12 -6.44	78.22 -1.38 -7.09	81.04 -1.02 -9.25	80.13 -1.09 -8.48	77.17 -1.31 -5.96	71.87 -1.38 -0.81	69.59 -1.57 -0.01	65.22 -1.33 0.00	60.92 -1.37 0.00
NEG MILLWOOD___DRP 24198	85.85 4.12 -9.41	82.49 4.36 -5.52	81.73 3.97 -5.60	81.87 4.05 -5.59	85.01 4.12 -8.57	82.19 4.33 -5.61	98.11 5.65 -9.41	159.07 10.09 -8.85	154.03 10.32 -9.70	131.01 8.28 -24.14	133.39 8.51 -17.16	130.11 8.83 -16.22	124.28 7.51 -29.42	128.00 6.28 -48.74	121.69 6.27 -42.51	116.69 6.54 -35.77	118.95 6.24 -40.20	130.67 6.55 -51.31	126.29 6.47 -47.08	116.21 6.09 -37.61	83.14 5.94 -4.76	79.53 5.34 -3.05	71.55 4.99 0.00	67.37 4.11 -0.97
NEG NORTH_FLCN_SEA 23793	73.91 1.59 0.00	73.99 1.38 0.00	74.11 1.95 0.00	74.40 2.17 0.00	74.34 2.02 0.00	74.42 2.17 0.00	84.30 1.25 0.00	142.52 2.38 0.00	135.48 1.47 0.00	98.59 0.00 0.00	108.04 0.32 0.00	104.86 -0.21 0.00	86.91 -0.44 0.00	72.54 -0.44 0.00	72.25 -0.66 0.00	73.63 -0.74 0.00	71.93 -0.58 0.00	71.79 -1.02 0.00	71.57 -1.16 0.00	71.06 -1.45 0.00	70.91 -1.52 0.00	69.65 -1.49 0.00	64.76 -1.80 0.00	61.24 -1.06 0.00
NEG NORTH_KES_CHATEGAY 23792	72.90 0.58 0.00	72.98 0.36 0.00	73.10 0.94 0.00	73.39 1.16 0.00	73.26 0.94 0.00	73.33 1.08 0.00	83.72 0.66 0.00	141.67 1.54 0.00	134.68 0.67 0.00	98.00 -0.59 0.00	107.50 -0.22 0.00	104.44 -0.63 0.00	86.48 -0.87 0.00	72.11 -0.88 0.00	71.89 -1.02 0.00	73.25 -1.12 0.00	71.64 -0.87 0.00	71.50 -1.31 0.00	71.28 -1.45 0.00	70.92 -1.60 0.00	70.77 -1.67 0.00	69.58 -1.57 0.00	64.76 -1.80 0.00	60.86 -1.43 0.00
NEG NORTH___ALICE_FALLS 23915	74.34 2.02 0.00	74.43 1.82 0.00	74.55 2.38 0.00	74.84 2.60 0.00	74.71 2.39 0.00	74.85 2.60 0.00	85.05 1.99 0.00	143.50 3.36 0.00	136.42 2.41 0.00	99.28 0.69 0.00	108.80 1.08 0.00	105.70 0.63 0.00	87.44 0.09 0.00	73.13 0.15 0.00	72.76 -0.15 0.00	74.22 -0.15 0.00	72.59 0.07 0.00	72.52 -0.29 0.00	72.30 -0.44 0.00	71.71 -0.80 0.00	71.56 -0.87 0.00	70.22 -0.92 0.00	65.29 -1.26 0.00	61.55 -0.75 0.00
NEG NORTH___LWR_SARANAC 23913	74.34 2.02 0.00	74.43 1.82 0.00	74.55 2.38 0.00	74.84 2.60 0.00	74.71 2.39 0.00	74.85 2.60 0.00	85.05 1.99 0.00	143.50 3.36 0.00	136.42 2.41 0.00	99.28 0.69 0.00	108.80 1.08 0.00	105.70 0.63 0.00	87.44 0.09 0.00	73.13 0.15 0.00	72.76 -0.15 0.00	74.22 -0.15 0.00	72.59 0.07 0.00	72.52 -0.29 0.00	72.30 -0.44 0.00	71.71 -0.80 0.00	71.56 -0.87 0.00	70.22 -0.92 0.00	65.29 -1.26 0.00	61.55 -0.75 0.00
NEG NORTH___PLATTSBURG 23628	74.34 2.02 0.00	74.43 1.82 0.00	74.54 2.38 0.00	74.55 2.31 0.00	74.63 2.31 0.00	74.84 2.60 0.00	85.05 1.99 0.00	143.49 3.36 0.00	136.42 2.41 0.00	99.28 0.69 0.00	108.80 1.08 0.00	105.70 0.63 0.00	87.70 0.35 0.00	73.13 0.15 0.00	72.84 -0.07 0.00	74.22 -0.15 0.00	72.59 0.07 0.00	72.52 -0.29 0.00	72.30 -0.43 0.00	71.79 -0.73 0.00	71.57 -0.87 0.00	70.22 -0.93 0.00	65.29 -1.27 0.00	61.48 -0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	67.55 -4.77 0.00	67.17 -5.45 0.00	66.32 -5.85 0.00	65.66 -6.57 0.00	66.61 -5.71 0.00	66.90 -5.35 0.00	74.67 -8.39 0.00	115.82 -19.76 4.55	112.17 -19.03 2.81	89.24 -12.22 -2.87	95.28 -15.30 -2.86	93.24 -14.71 -2.89	79.52 -11.79 -3.96	71.68 -8.90 -7.60	68.60 -9.04 -4.73	67.96 -9.22 -2.81	65.03 -10.30 -2.81	67.01 -9.76 -3.96	66.64 -9.75 -3.65	61.86 -10.59 0.06	59.74 -10.65 2.05	61.46 -9.68 0.02	58.50 -8.05 0.00	55.38 -6.91 0.00
NEG WEST___LANCASTER 23811	72.14 -2.39 -2.20	70.86 -3.05 -1.29	70.01 -3.46 -1.31	69.28 -4.26 -1.31	70.78 -3.54 -2.01	70.38 -3.18 -1.31	79.86 -5.40 -2.20	123.89 -13.73 2.51	120.98 -12.46 0.56	95.51 -8.28 -5.20	100.61 -10.66 -3.55	98.12 -10.30 -3.35	81.91 -9.87 -4.43	72.42 -9.20 -8.64	68.60 -9.41 -5.10	68.74 -8.55 -2.93	67.77 -7.69 -2.95	69.13 -7.86 -4.18	68.65 -7.93 -3.84	65.41 -7.11 -0.01	63.24 -6.95 2.24	64.44 -7.40 -0.69	60.43 -6.12 0.00	57.35 -5.17 -0.23
NEG_PENN_ALLEGHNY 23528	76.60 0.07 -4.21	75.08 0.00 -2.47	74.38 -0.29 -2.50	74.52 -0.22 -2.50	76.01 -0.14 -3.83	74.68 -0.07 -2.51	87.01 -0.25 -4.21	140.05 -1.96 -1.88	135.59 -1.47 -3.05	107.94 -0.39 -9.74	113.25 -1.08 -6.61	110.31 -0.95 -6.19	96.48 -0.79 -9.92	88.43 -0.59 -16.03	84.97 -0.66 -12.72	83.79 -0.67 -10.09	82.90 -0.87 -11.25	86.62 -0.66 -14.47	85.29 -0.73 -13.28	80.99 -0.87 -9.34	76.20 -0.94 -4.71	71.44 -1.07 -1.35	65.69 -0.87 0.00	61.92 -0.81 -0.43
NEG___GEN_MONROE 24207	70.29 -2.02 0.00	70.15 -2.47 0.00	69.35 -2.81 0.00	68.91 -3.32 0.00	69.72 -2.60 0.00	70.01 -2.24 0.00	78.74 -4.32 0.00	125.09 -10.65 4.39	120.98 -10.32 2.71	94.89 -6.11 -2.42	101.94 -8.19 -2.40	99.41 -8.09 -2.43	84.69 -6.20 -3.54	75.34 -4.23 -6.59	72.98 -4.37 -4.45	72.32 -5.06 -3.01	69.54 -5.95 -2.98	71.74 -5.39 -4.31	71.31 -5.38 -3.96	66.64 -5.95 -0.08	64.59 -6.08 1.76	65.44 -5.69 0.01	61.76 -4.79 0.00	58.18 -4.11 0.00

NEPA__ENERGY 23901	69.64 -2.68 0.00	69.20 -3.41 0.00	68.27 -3.90 0.00	67.47 -4.77 0.00	68.41 -3.91 0.00	68.78 -3.47 0.00	77.08 -5.98 0.00	120.23 -15.27 4.63	116.55 -14.61 2.85	92.58 -9.17 -3.16	99.01 -11.85 -3.14	96.89 -11.35 -3.17	82.12 -9.43 -4.21	73.76 -7.44 -8.22	70.12 -7.66 -4.86	69.28 -7.88 -2.79	66.89 -8.41 -2.78	68.72 -8.08 -3.99	68.33 -8.07 -3.67	63.92 -8.41 0.18	61.79 -8.40 2.24	63.02 -8.11 0.02	59.90 -6.66 0.00	56.63 -5.67 0.00
NEVERSINK__HYD 23608	85.32 3.47 -9.53	81.98 3.77 -5.59	81.22 3.39 -5.67	81.36 3.47 -5.66	84.47 3.47 -8.68	81.61 3.68 -5.68	97.40 4.82 -9.53	156.66 7.56 -8.96	151.33 7.50 -9.82	128.05 6.21 -23.24	130.14 6.25 -16.18	126.58 6.30 -15.21	119.67 5.24 -27.08	121.37 4.38 -44.01	115.52 4.37 -38.23	111.15 4.61 -32.17	113.22 4.50 -36.21	123.75 4.80 -46.14	119.80 4.73 -42.34	110.87 4.42 -33.93	92.89 4.20 -16.25	78.00 3.77 -3.09	69.95 3.39 0.00	66.33 3.05 -0.98
NEWKRMKL_115KV_TB1 55635	131.24 2.75 -56.18	108.61 3.05 -32.94	108.38 2.81 -33.40	108.40 2.82 -33.34	126.28 2.82 -51.14	108.56 2.82 -33.49	142.21 2.99 -56.16	197.30 4.34 -52.83	196.45 4.56 -57.89	195.36 3.84 -92.92	163.08 4.09 -51.26	154.56 4.31 -45.18	152.24 3.67 -61.22	142.79 3.14 -66.67	127.77 3.21 -51.66	120.74 2.90 -43.47	126.33 2.68 -51.13	137.62 2.48 -62.34	132.48 2.55 -57.20	125.38 2.68 -50.18	88.28 2.54 -13.31	91.84 2.49 -18.20	68.95 2.40 0.00	70.56 2.49 -5.78
NEWTON__FALLS_HYD 23847	73.84 1.52 0.00	73.78 1.16 0.00	73.61 1.44 0.00	73.68 1.44 0.00	73.55 1.23 0.00	73.69 1.44 0.00	83.97 0.91 0.00	141.25 1.12 0.00	134.68 0.67 0.00	99.08 0.49 0.00	108.90 1.18 0.00	106.01 0.95 0.00	88.29 0.52 -0.41	75.08 0.73 -1.37	74.89 0.66 -1.32	75.93 0.45 -1.11	74.08 0.36 -1.21	74.77 0.36 -1.60	74.57 0.36 -1.46	73.88 0.29 -1.08	72.72 0.29 0.00	71.50 0.36 0.00	66.89 0.33 0.00	62.79 0.50 0.00
NGRID_A1_DSASP 323792	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.78 0.00	66.68 -5.56 0.00	66.82 -5.50 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	114.97 -20.60 4.57	111.08 -20.10 2.82	88.69 -12.81 -2.92	94.79 -15.83 -2.90	92.77 -15.24 -2.94	79.14 -12.23 -4.02	71.50 -9.20 -7.72	68.21 -9.48 -4.78	67.11 -10.19 -2.93	64.19 -11.24 -2.91	67.09 -9.90 -4.19	65.89 -10.69 -3.84	61.30 -11.17 0.05	61.37 -11.23 -0.17	60.67 -10.46 0.02	57.97 -8.59 0.00	55.25 -7.04 0.00
NGRID_A2_DSASP 323793	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.78 0.00	66.68 -5.56 0.00	66.82 -5.50 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	114.97 -20.60 4.57	111.08 -20.10 2.82	88.69 -12.81 -2.92	94.79 -15.83 -2.90	92.77 -15.24 -2.94	79.14 -12.23 -4.02	71.50 -9.20 -7.72	68.21 -9.48 -4.78	67.11 -10.19 -2.93	64.19 -11.24 -2.91	67.09 -9.90 -4.19	65.89 -10.69 -3.84	61.30 -11.17 0.05	61.37 -11.23 -0.17	60.67 -10.46 0.02	57.97 -8.59 0.00	55.25 -7.04 0.00
NGRID_A4_DSASP 323807	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.78 0.00	66.68 -5.56 0.00	66.82 -5.50 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	114.97 -20.60 4.57	111.08 -20.10 2.82	88.69 -12.81 -2.92	94.79 -15.83 -2.90	92.77 -15.24 -2.94	79.14 -12.23 -4.02	71.50 -9.20 -7.72	68.21 -9.48 -4.78	67.11 -10.19 -2.93	64.19 -11.24 -2.91	67.09 -9.90 -4.19	65.89 -10.69 -3.84	61.30 -11.17 0.05	61.37 -11.23 -0.17	60.67 -10.46 0.02	57.97 -8.59 0.00	55.25 -7.04 0.00
NIAGARA_115E_LBMP 323715	66.89 -5.43 0.00	66.52 -6.10 0.00	65.74 -6.42 0.00	65.95 -6.29 0.00	66.10 -6.22 0.00	66.32 -5.92 0.00	73.92 -9.14 0.00	114.55 -21.02 4.56	110.83 -20.36 2.82	88.31 -13.21 -2.93	94.36 -16.27 -2.91	92.25 -15.76 -2.94	78.71 -12.67 -4.02	71.08 -9.64 -7.73	67.84 -9.84 -4.78	67.92 -9.37 -2.92	64.69 -10.73 -2.91	66.66 -10.34 -4.18	66.54 -10.04 -3.84	61.08 -11.38 0.06	61.16 -11.44 -0.17	60.53 -10.60 0.02	57.70 -8.85 0.00	54.88 -7.41 0.00
NIAGARA_115W_LBMP 323714	67.62 -4.70 0.00	67.17 -5.45 0.00	66.32 -5.84 0.00	66.60 -5.63 0.00	66.75 -5.57 0.00	66.83 -5.42 0.00	74.08 -8.97 0.00	114.82 -20.74 4.57	110.95 -20.24 2.82	88.49 -13.02 -2.92	94.57 -16.05 -2.90	92.56 -15.44 -2.93	78.96 -12.40 -4.02	71.35 -9.34 -7.71	68.14 -9.55 -4.78	66.96 -10.34 -2.93	64.04 -11.38 -2.91	67.10 -9.90 -4.19	65.82 -10.76 -3.85	61.15 -11.31 0.05	61.30 -11.30 -0.17	60.60 -10.53 0.02	57.84 -8.72 0.00	55.19 -7.10 0.00
NIAGARA_230_LBMP 323716	67.77 -4.55 0.00	67.39 -5.23 0.00	66.61 -5.56 0.00	66.89 -5.34 0.00	67.04 -5.28 0.00	67.19 -5.06 0.00	75.00 -8.05 0.00	116.51 -19.06 4.57	112.56 -18.62 2.82	89.74 -11.73 -2.88	95.94 -14.65 -2.87	93.89 -14.08 -2.90	80.07 -11.27 -3.99	72.16 -8.46 -7.64	69.00 -8.68 -4.77	67.87 -9.45 -2.94	65.00 -10.44 -2.93	67.18 -9.83 -4.20	66.71 -9.89 -3.86	62.04 -10.44 0.04	62.24 -10.36 -0.16	61.39 -9.74 0.02	58.57 -7.99 0.00	55.69 -6.60 0.00
NIAGARA__115KV_198_GIBSON 55903	67.62 -4.70 0.00	67.17 -5.45 0.00	66.32 -5.85 0.00	65.74 -6.50 0.00	66.68 -5.64 0.00	66.83 -5.42 0.00	74.09 -8.97 0.00	114.82 -20.74 4.57	111.09 -20.10 2.82	88.59 -12.92 -2.92	94.57 -16.05 -2.90	92.55 -15.44 -2.93	79.05 -12.32 -4.02	71.42 -9.27 -7.71	68.28 -9.41 -4.78	66.96 -10.34 -2.93	64.11 -11.31 -2.91	66.15 -10.85 -4.19	65.82 -10.77 -3.84	61.22 -11.24 0.05	59.07 -11.30 2.07	60.67 -10.46 0.02	57.84 -8.72 0.00	55.01 -7.29 0.00
NIAGARA____ 23760	67.77 -4.55 0.00	67.39 -5.23 0.00	66.61 -5.56 0.00	66.89 -5.34 0.00	67.04 -5.28 0.00	67.19 -5.06 0.00	75.00 -8.05 0.00	116.51 -19.06 4.57	112.57 -18.62 2.82	89.76 -11.73 -2.91	95.96 -14.65 -2.89	93.92 -14.08 -2.93	80.09 -11.27 -4.01	72.21 -8.46 -7.70	69.01 -8.68 -4.77	67.86 -9.45 -2.94	64.99 -10.44 -2.92	67.18 -9.83 -4.20	66.70 -9.89 -3.86	62.03 -10.44 0.04	62.24 -10.36 -0.17	61.39 -9.74 0.02	58.57 -7.99 0.00	55.69 -6.60 0.00
NINE_MILE_1 23575	69.35 -2.97 0.00	69.57 -3.05 0.00	68.99 -3.17 0.00	69.13 -3.10 0.00	69.29 -3.03 0.00	69.22 -3.03 0.00	79.40 -3.65 0.00	115.35 -6.86 17.92	116.55 -6.43 11.03	94.25 -4.34 0.00	102.66 -5.06 0.00	100.14 -4.94 -0.01	84.49 -3.93 -1.07	73.45 -3.06 -3.53	73.19 -3.13 -3.41	73.97 -3.27 -2.87	70.09 -3.48 -1.06	73.65 -3.28 -4.11	73.24 -3.27 -3.77	58.51 -3.48 10.53	63.13 -3.48 5.83	67.66 -3.48 0.00	63.43 -3.13 0.00	59.37 -2.93 0.00
NINE_MILE_2 23744	69.35 -2.97 0.00	69.57 -3.05 0.00	68.99 -3.17 0.00	69.13 -3.10 0.00	69.29 -3.03 0.00	69.22 -3.03 0.00	79.40 -3.65 0.00	115.14 -6.86 18.13	116.41 -6.43 11.16	94.25 -4.34 0.00	102.66 -5.06 0.00	100.24 -4.83 -0.01	84.48 -3.93 -1.06	73.44 -3.06 -3.52	73.18 -3.13 -3.40	73.96 -3.27 -2.86	70.06 -3.48 -1.03	73.64 -3.28 -4.10	73.23 -3.27 -3.76	58.34 -3.48 10.69	63.05 -3.48 5.91	67.66 -3.48 0.00	63.43 -3.13 0.00	59.37 -2.93 0.00
NM_CAPITAL__DRP 24208	129.34 2.82 -54.19	107.59 3.20 -31.78	107.34 2.96 -32.22	107.29 2.89 -32.17	124.63 2.97 -49.34	107.52 2.96 -32.31	140.39 3.16 -54.18	195.72 4.62 -50.96	194.68 4.82 -55.85	192.70 4.04 -90.07	161.91 4.31 -49.88	153.61 4.52 -44.02	151.21 3.84 -60.02	142.45 3.28 -66.18	127.77 3.35 -51.51	120.76 3.05 -43.34	126.24 2.83 -50.90	137.66 2.69 -62.16	132.54 2.76 -57.03	125.27 2.90 -49.86	88.16 2.75 -12.97	91.41 2.70 -17.56	69.15 2.60 0.00	70.48 2.62 -5.57

NM_CENTRAL___DRP 24181	70.58 -1.74 0.00	70.80 -1.82 0.00	70.22 -1.95 0.00	70.14 -2.09 0.00	70.51 -1.81 0.00	70.51 -1.73 0.00	80.90 -2.16 0.00	133.40 -4.62 2.11	128.56 -4.15 1.30	96.12 -2.46 0.00	104.60 -3.12 0.00	102.03 -3.05 -0.01	86.50 -2.27 -1.43	76.10 -1.61 -4.72	75.72 -1.75 -4.56	76.27 -1.93 -3.84	74.18 -2.25 -3.91	76.35 -1.97 -5.50	75.75 -2.04 -5.05	72.43 -2.25 -2.16	69.31 -2.32 0.81	68.80 -2.35 0.00	64.42 -2.13 0.00	60.24 -2.06 0.00
NM_FRONTIER___DRP 24179	67.62 -4.70 0.00	67.17 -5.45 0.00	66.32 -5.85 0.00	65.74 -6.50 0.00	66.68 -5.64 0.00	66.83 -5.42 0.00	74.09 -8.97 0.00	114.82 -20.74 4.57	111.09 -20.10 2.82	88.59 -12.92 -2.92	94.57 -16.05 -2.90	92.55 -15.44 -2.93	79.05 -12.32 -4.02	71.42 -9.27 -7.71	68.28 -9.41 -4.78	66.96 -10.34 -2.93	64.11 -11.31 -2.91	66.15 -10.85 -4.19	65.82 -10.77 -3.84	61.22 -11.24 0.05	59.07 -11.30 2.07	60.67 -10.46 0.02	57.84 -8.72 0.00	55.01 -7.29 0.00
NM_ST_REGIS___HYD 24053	73.69 1.37 0.00	73.63 1.02 0.00	73.68 1.52 0.00	73.97 1.73 0.00	73.55 1.23 0.00	73.62 1.37 0.00	83.72 0.66 0.00	141.67 1.54 0.00	134.81 0.80 0.00	98.19 -0.39 0.00	108.37 0.65 0.00	105.28 0.21 0.00	87.17 -0.17 0.00	72.84 -0.15 0.00	72.69 -0.22 0.00	73.85 -0.52 0.00	72.15 -0.36 0.00	72.16 -0.66 0.00	72.08 -0.65 0.00	71.79 -0.73 0.00	71.78 -0.65 0.00	70.72 -0.43 0.00	66.22 -0.33 0.00	62.36 0.06 0.00
NORTHPORT___1 23551	137.75 5.28 -60.15	124.03 5.59 -45.82	123.57 5.20 -46.20	117.05 5.35 -39.47	122.84 5.35 -45.17	142.91 5.56 -65.10	149.60 7.22 -59.32	160.07 11.35 -8.59	172.09 11.53 -26.56	161.22 9.17 -53.46	150.48 9.48 -33.28	149.43 9.77 -34.59	147.48 8.21 -51.92	147.69 6.94 -67.77	143.65 7.07 -63.67	144.08 7.29 -62.42	148.85 6.74 -69.60	168.49 6.92 -88.76	165.76 6.77 -86.25	159.87 6.45 -80.90	143.96 6.81 -64.72	126.20 6.47 -48.58	108.00 6.19 -35.26	90.26 5.54 -22.42
NORTHPORT___2 23552	137.75 5.28 -60.15	124.03 5.59 -45.82	123.57 5.20 -46.20	117.05 5.35 -39.47	122.84 5.35 -45.17	142.91 5.56 -65.10	149.60 7.22 -59.32	160.07 11.35 -8.59	172.09 11.53 -26.56	161.22 9.17 -53.46	150.48 9.48 -33.28	149.43 9.77 -34.59	147.48 8.21 -51.92	147.69 6.94 -67.77	143.65 7.07 -63.67	144.08 7.29 -62.42	148.85 6.74 -69.60	168.49 6.92 -88.76	165.76 6.77 -86.25	159.87 6.45 -80.90	143.96 6.81 -64.72	126.20 6.47 -48.58	108.00 6.19 -35.26	90.26 5.54 -22.42
NORTHPORT___3 23553	138.33 5.86 -60.15	124.46 6.02 -45.82	123.85 5.48 -46.20	117.13 5.42 -39.47	122.98 5.49 -45.17	143.13 5.78 -65.10	149.09 6.65 -59.39	163.02 14.30 -8.58	174.03 15.81 -24.22	162.97 12.62 -51.76	153.38 12.38 -33.27	151.62 11.97 -34.58	149.13 9.87 -51.91	149.13 8.39 -67.76	144.52 7.95 -63.66	145.48 8.70 -62.41	151.16 9.06 -69.59	155.97 9.54 -73.63	153.38 9.53 -71.12	149.13 10.08 -66.54	145.40 8.25 -64.71	126.84 7.11 -48.58	108.34 6.53 -35.26	90.38 5.67 -22.42
NORTHPORT___4 23650	138.33 5.86 -60.15	124.46 6.02 -45.82	123.85 5.48 -46.20	117.13 5.42 -39.47	122.98 5.49 -45.17	143.13 5.78 -65.10	149.09 6.65 -59.39	163.02 14.30 -8.58	174.03 15.81 -24.22	162.97 12.62 -51.76	153.38 12.38 -33.27	151.62 11.97 -34.58	149.13 9.87 -51.91	149.13 8.39 -67.76	144.52 7.95 -63.66	145.48 8.70 -62.41	151.16 9.06 -69.59	155.97 9.54 -73.63	153.38 9.53 -71.12	149.13 10.08 -66.54	145.40 8.25 -64.71	126.84 7.11 -48.58	108.34 6.53 -35.26	90.38 5.67 -22.42
NORTHPORT___IC 23718	137.75 5.28 -60.15	124.03 5.59 -45.82	123.56 5.20 -46.20	116.98 5.27 -39.47	122.77 5.28 -45.17	142.91 5.56 -65.10	149.61 7.23 -59.32	160.07 11.35 -8.59	172.09 11.52 -26.56	161.22 9.17 -53.46	150.37 9.37 -33.28	149.42 9.77 -34.59	147.48 8.21 -51.92	147.68 6.93 -67.77	143.65 7.07 -63.67	144.08 7.29 -62.42	148.92 6.82 -69.60	168.49 6.92 -88.76	165.83 6.84 -86.25	159.87 6.45 -80.90	130.99 6.81 -51.75	126.28 6.55 -48.58	108.00 6.19 -35.26	90.26 5.54 -22.42
NORTH___COUNTRY_ESR 323785	72.61 0.29 0.00	72.69 0.07 0.00	72.89 0.72 0.00	72.89 0.65 0.00	72.90 0.58 0.00	73.04 0.80 0.00	83.39 0.33 0.00	141.39 1.26 0.00	134.41 0.40 0.00	97.70 -0.89 0.00	107.29 -0.43 0.00	104.12 -0.95 0.00	86.39 -0.96 0.00	71.96 -1.02 0.00	71.67 -1.24 0.00	73.03 -1.34 0.00	71.43 -1.09 0.00	71.21 -1.60 0.00	70.99 -1.75 0.00	70.70 -1.81 0.00	70.55 -1.88 0.00	69.37 -1.78 0.00	64.56 -1.99 0.00	60.62 -1.68 0.00
NPX_GEN_1385_PROXY 323591	137.90 5.43 -60.15	124.90 6.46 -45.82	124.72 6.35 -46.20	119.00 7.29 -39.47	124.50 7.01 -45.17	145.00 7.65 -65.10	163.10 9.55 -70.50	171.71 15.28 -16.30	174.50 13.94 -26.56	162.30 10.25 -53.46	150.70 9.70 -33.28	149.00 9.35 -34.59	147.04 7.77 -51.92	147.24 6.49 -67.77	143.28 6.70 -63.67	144.00 7.21 -62.42	149.00 6.89 -69.60	168.71 7.14 -88.76	165.76 6.77 -86.25	159.14 5.73 -80.90	143.89 6.74 -64.72	126.63 6.90 -48.58	109.00 7.19 -35.26	92.00 7.28 -22.42
NPX_GEN_CSC 323557	139.20 6.73 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	117.99 6.28 -39.47	123.78 6.29 -45.17	143.85 6.50 -65.10	150.89 8.56 -59.28	163.19 14.44 -8.62	184.49 14.74 -35.74	170.36 11.63 -60.14	152.99 11.96 -33.31	151.76 12.08 -34.62	149.34 10.04 -51.95	149.24 8.46 -67.80	145.06 8.45 -63.70	145.66 8.85 -62.45	150.62 8.48 -69.63	229.96 8.88 -148.27	227.31 8.80 -145.78	218.43 8.55 -137.37	145.51 8.33 -64.75	127.35 7.62 -48.58	108.80 6.99 -35.26	90.82 6.11 -22.42
NSINS_S___GLNS_FALLS 23858	176.49 6.36 -97.80	136.43 6.46 -57.36	136.66 6.35 -58.14	136.57 6.28 -58.05	167.73 6.36 -89.04	135.62 5.06 -58.31	186.98 6.15 -97.78	242.33 10.23 -91.97	244.71 9.92 -100.79	258.68 7.59 -152.50	195.87 8.19 -79.97	182.35 7.99 -69.30	179.51 6.38 -85.79	153.54 5.33 -75.23	131.19 5.18 -53.10	124.41 5.35 -44.68	132.43 5.29 -54.62	142.28 5.39 -64.08	136.92 5.38 -58.80	133.27 5.15 -55.61	99.24 6.37 -20.44	109.02 6.19 -31.68	72.34 5.79 0.00	77.65 5.30 -10.06
NUCOR_STEEL___DRP 24197	71.60 -0.72 0.00	71.82 -0.80 0.00	71.16 -1.01 0.00	71.08 -1.16 0.00	71.45 -0.87 0.00	71.53 -0.72 0.00	81.98 -1.08 0.00	136.22 -3.08 0.83	130.82 -2.68 0.51	99.59 -1.38 -2.38	108.06 -2.05 -2.39	105.36 -2.10 -2.39	90.72 -1.40 -4.77	79.26 -0.88 -7.16	78.96 -1.02 -7.07	79.62 -1.19 -6.44	78.16 -1.45 -7.10	80.96 -1.09 -9.25	80.06 -1.16 -8.48	77.21 -1.38 -6.07	71.97 -1.38 -0.91	69.66 -1.49 -0.01	65.22 -1.33 0.00	60.99 -1.31 0.00
NUMBER_THREE_WT_PWR 323818	75.00 2.68 0.00	75.09 2.47 0.00	74.62 2.46 0.00	74.62 2.38 0.00	74.70 2.38 0.00	74.99 2.74 0.00	85.63 2.58 0.00	142.24 2.53 0.42	136.03 2.28 0.26	101.34 2.76 0.00	110.85 3.13 0.00	107.91 2.84 0.00	90.26 2.36 -0.56	77.31 2.48 -1.84	77.09 2.40 -1.78	78.17 2.31 -1.50	76.26 2.17 -1.57	77.29 2.33 -2.15	77.03 2.33 -1.97	75.91 2.25 -1.14	74.99 2.17 -0.39	72.99 1.85 0.00	68.15 1.59 0.00	63.79 1.49 0.00
NYISO_LBMP_REFERENCE 24008	72.32 0.00 0.00	72.61 0.00 0.00	72.17 0.00 0.00	72.24 0.00 0.00	72.32 0.00 0.00	72.25 0.00 0.00	83.06 0.00 0.00	140.13 0.00 0.00	134.01 0.00 0.00	98.59 0.00 0.00	107.72 0.00 0.00	105.07 0.00 0.00	87.35 0.00 0.00	72.98 0.00 0.00	72.91 0.00 0.00	74.37 0.00 0.00	72.51 0.00 0.00	72.81 0.00 0.00	72.74 0.00 0.00	72.51 0.00 0.00	72.43 0.00 0.00	71.15 0.00 0.00	66.55 0.00 0.00	62.29 0.00 0.00

NYPA_BRENTWD____GT 24164	138.69 6.22 -60.15	124.90 6.46 -45.82	124.35 5.99 -46.20	117.70 5.99 -39.47	123.49 6.00 -45.17	143.63 6.28 -65.10	150.53 8.14 -59.33	162.32 13.59 -8.60	176.18 13.94 -28.23	164.31 11.04 -54.68	152.54 11.53 -33.29	151.32 11.66 -34.59	149.06 9.78 -51.93	148.93 8.17 -67.77	144.82 8.24 -63.67	145.34 8.55 -62.42	150.23 8.12 -69.60	180.81 8.37 -99.63	178.15 8.29 -97.12	171.77 8.05 -91.21	145.13 7.97 -64.72	127.20 7.47 -48.58	108.73 6.92 -35.26	90.82 6.11 -22.42
NYPA_GOWANUS____GT5 24156	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NYPA_GOWANUS____GT6 24157	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.77 3.10 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.08 9.65 -9.42	130.42 8.18 -23.66	133.11 8.51 -16.88	129.86 8.83 -15.97	123.72 7.34 -29.04	127.35 6.13 -48.23	120.99 5.98 -42.10	116.19 6.40 -35.43	118.47 6.16 -39.80	130.10 6.48 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	95.96 5.86 -17.66	79.38 5.26 -2.97	71.62 5.06 -0.01	67.60 4.36 -0.95
NYPA_HARLEM_RVR_GT1 24160	85.29 3.83 -9.14	81.96 3.99 -5.36	80.85 3.25 -5.43	80.99 3.32 -5.42	84.04 3.40 -8.32	81.23 3.54 -5.45	97.09 4.90 -9.13	157.42 8.69 -8.59	152.40 8.98 -9.41	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.98 -15.95	123.10 6.73 -29.02	126.82 5.62 -48.22	120.53 5.54 -42.09	115.66 5.87 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.23 5.51 -37.21	95.45 5.36 -17.65	79.17 5.05 -2.97	71.36 4.79 -0.01	67.54 4.30 -0.95
NYPA_HARLEM_RVR_GT2 24161	85.29 3.83 -9.14	81.96 3.99 -5.36	80.85 3.25 -5.43	80.99 3.32 -5.42	84.04 3.40 -8.32	81.23 3.54 -5.45	97.09 4.90 -9.13	157.42 8.69 -8.59	152.40 8.98 -9.41	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.98 -15.95	123.10 6.73 -29.02	126.82 5.62 -48.22	120.53 5.54 -42.09	115.66 5.87 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.23 5.51 -37.21	95.45 5.36 -17.65	79.17 5.05 -2.97	71.36 4.79 -0.01	67.54 4.30 -0.95
NYPA_KENT____GT 24152	85.00 3.54 -9.14	81.67 3.70 -5.36	80.63 3.03 -5.43	80.84 3.17 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.09 4.90 -9.13	157.83 9.10 -8.59	152.94 9.52 -9.42	130.33 8.09 -23.66	132.89 8.30 -16.88	129.54 8.51 -15.97	123.55 7.16 -29.04	127.20 5.99 -48.23	120.91 5.90 -42.10	116.04 6.25 -35.43	118.33 6.02 -39.80	129.95 6.33 -50.81	125.61 6.26 -46.62	115.61 5.87 -37.23	95.75 5.65 -17.66	79.24 5.13 -2.97	71.56 4.99 -0.01	67.54 4.30 -0.95
NYPA_POUCH1____GT 24155	83.91 3.18 -8.41	74.25 3.34 1.70	80.27 2.67 -5.43	80.41 2.74 -5.42	75.95 2.82 -0.81	79.78 2.96 -4.57	96.75 4.57 -9.13	157.28 8.55 -8.59	152.40 8.98 -9.42	129.94 7.69 -23.66	90.95 7.97 24.74	129.23 8.20 -15.97	83.86 6.82 10.31	87.66 5.76 -8.92	81.66 5.61 -3.14	115.82 6.02 -35.43	118.12 5.80 -39.80	129.80 6.19 -50.81	125.54 6.18 -46.62	115.54 5.80 -37.23	95.67 5.58 -17.66	79.02 4.91 -2.97	71.36 4.79 -0.01	67.42 4.17 -0.95
NYPA_VERNON____GT2 24162	85.00 3.54 -9.14	81.75 3.77 -5.36	80.77 3.17 -5.43	80.91 3.25 -5.42	83.90 3.26 -8.32	81.16 3.47 -5.45	97.17 4.98 -9.13	157.83 9.10 -8.59	152.94 9.52 -9.42	130.23 7.98 -23.65	132.78 8.18 -16.88	129.44 8.41 -15.97	123.46 7.07 -29.04	127.12 5.91 -48.23	120.85 5.84 -42.10	115.97 6.17 -35.43	118.18 5.87 -39.80	129.80 6.19 -50.81	125.47 6.11 -46.62	115.54 5.80 -37.23	95.67 5.58 -17.66	79.17 5.05 -2.97	71.42 4.86 -0.01	67.48 4.24 -0.95
NYPA_VERNON____GT3 24163	85.00 3.54 -9.14	81.75 3.77 -5.36	80.77 3.17 -5.43	80.91 3.25 -5.42	83.90 3.26 -8.32	81.16 3.47 -5.45	97.17 4.98 -9.13	157.83 9.10 -8.59	152.94 9.52 -9.42	130.23 7.98 -23.65	132.78 8.18 -16.88	129.44 8.41 -15.97	123.46 7.07 -29.04	127.12 5.91 -48.23	120.85 5.84 -42.10	115.97 6.17 -35.43	118.18 5.87 -39.80	129.80 6.19 -50.81	125.47 6.11 -46.62	115.54 5.80 -37.23	95.67 5.58 -17.66	79.17 5.05 -2.97	71.42 4.86 -0.01	67.48 4.24 -0.95
NYPA__ASTORIA_CC1 323568	85.00 3.54 -9.14	81.75 3.77 -5.36	80.70 3.10 -5.43	80.84 3.17 -5.42	83.90 3.26 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.70 8.98 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.38 6.99 -29.04	127.06 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.12 5.80 -39.80	129.73 6.12 -50.81	125.39 6.03 -46.62	115.47 5.73 -37.23	95.60 5.50 -17.66	79.09 4.98 -2.97	71.42 4.86 -0.01	67.48 4.24 -0.95
NYPA__ASTORIA_CC2 323569	85.00 3.54 -9.14	81.75 3.77 -5.36	80.70 3.10 -5.43	80.84 3.17 -5.42	83.90 3.26 -8.32	81.16 3.47 -5.45	97.09 4.90 -9.13	157.70 8.98 -8.59	152.80 9.38 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.38 6.99 -29.04	127.06 5.84 -48.23	120.77 5.76 -42.10	115.90 6.10 -35.43	118.12 5.80 -39.80	129.73 6.12 -50.81	125.39 6.03 -46.62	115.47 5.73 -37.23	95.60 5.50 -17.66	79.09 4.98 -2.97	71.42 4.86 -0.01	67.48 4.24 -0.95
NYPA__HOLTSVILL 23794	138.47 6.00 -60.15	124.61 6.17 -45.82	124.07 5.70 -46.20	117.41 5.71 -39.47	123.20 5.71 -45.17	143.27 5.93 -65.10	150.14 7.80 -59.28	161.92 13.17 -8.62	183.07 13.53 -35.53	169.33 10.75 -59.99	152.13 11.10 -33.31	150.93 11.25 -34.62	148.74 9.44 -51.95	148.66 7.88 -67.80	144.56 7.95 -63.70	145.07 8.25 -62.45	150.04 7.91 -69.62	227.87 8.15 -146.91	225.23 8.07 -144.42	216.42 7.83 -136.08	144.86 7.67 -64.75	126.84 7.11 -48.58	108.40 6.59 -35.26	90.51 5.79 -22.42
NYPA____HELLGATE_GT1 24158	85.29 3.83 -9.14	81.96 3.99 -5.36	80.85 3.25 -5.43	80.99 3.32 -5.42	84.04 3.40 -8.32	81.23 3.54 -5.45	97.09 4.90 -9.13	157.42 8.69 -8.59	152.40 8.98 -9.41	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.98 -15.95	123.10 6.73 -29.02	126.82 5.62 -48.22	120.53 5.54 -42.09	115.66 5.87 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.23 5.51 -37.21	95.45 5.36 -17.65	79.17 5.05 -2.97	71.36 4.79 -0.01	67.54 4.30 -0.95
NYPA____HELLGATE_GT2 24159	85.29 3.83 -9.14	81.96 3.99 -5.36	80.85 3.25 -5.43	80.99 3.32 -5.42	84.04 3.40 -8.32	81.23 3.54 -5.45	97.09 4.90 -9.13	157.42 8.69 -8.59	152.40 8.98 -9.41	129.82 7.59 -23.64	132.34 7.76 -16.86	129.00 7.98 -15.95	123.10 6.73 -29.02	126.82 5.62 -48.22	120.53 5.54 -42.09	115.66 5.87 -35.41	117.88 5.58 -39.78	129.50 5.90 -50.79	125.16 5.82 -46.60	115.23 5.51 -37.21	95.45 5.36 -17.65	79.17 5.05 -2.97	71.36 4.79 -0.01	67.54 4.30 -0.95
NYS_BARGE__HYD 23848	67.77 -4.55 0.00	67.39 -5.23 0.00	66.54 -5.63 0.00	66.74 -5.49 0.00	66.89 -5.43 0.00	67.12 -5.13 0.00	74.92 -8.14 0.00	116.40 -19.19 4.54	112.58 -18.62 2.80	89.51 -11.93 -2.85	95.69 -14.87 -2.84	93.64 -14.29 -2.87	79.77 -11.53 -3.95	71.85 -8.69 -7.56	68.73 -8.90 -4.72	68.53 -8.78 -2.94	65.42 -10.01 -2.92	67.57 -9.46 -4.22	67.30 -9.31 -3.87	62.10 -10.37 0.05	62.23 -10.36 -0.16	61.53 -9.61 0.02	58.63 -7.92 0.00	55.75 -6.54 0.00

OAK ORCHARD___HYD 24046	69.94 -2.38 0.00	69.78 -2.83 0.00	69.06 -3.10 0.00	69.27 -2.96 0.00	69.50 -2.82 0.00	69.72 -2.53 0.00	78.73 -4.32 0.00	125.53 -10.22 4.38	121.39 -9.91 2.70	95.17 -5.82 -2.40	102.56 -7.54 -2.39	100.23 -7.25 -2.41	85.37 -5.50 -3.52	75.88 -3.65 -6.54	73.48 -3.87 -4.43	72.85 -4.54 -3.02	70.05 -5.44 -2.98	72.32 -4.81 -4.32	71.83 -4.87 -3.96	67.08 -5.51 -0.09	67.05 -5.51 -0.12	65.95 -5.19 0.01	62.23 -4.32 0.00	58.49 -3.80 0.00
OAKDALE___35_KV_LOAD 356122	76.46 -0.22 -4.36	74.96 -0.22 -2.56	74.25 -0.51 -2.59	74.18 -0.65 -2.59	75.93 -0.36 -3.97	74.49 -0.36 -2.60	86.83 -0.58 -4.36	139.56 -2.38 -1.81	135.21 -1.88 -3.08	107.77 -0.79 -9.97	113.04 -1.40 -6.72	109.98 -1.37 -6.28	96.02 -1.14 -9.81	88.05 -0.80 -15.87	84.23 -0.95 -12.26	83.03 -0.89 -9.55	82.14 -1.02 -10.65	85.70 -0.80 -13.69	84.43 -0.87 -12.56	80.17 -1.02 -8.67	71.49 -1.09 -0.14	71.27 -1.28 -1.40	65.49 -1.06 0.00	61.68 -1.06 -0.45
OCC_CHEM___DRP 24175	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.77 0.00	65.81 -6.43 0.00	66.75 -5.57 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	115.10 -20.46 4.57	111.35 -19.83 2.82	88.69 -12.82 -2.92	94.79 -15.83 -2.90	92.66 -15.34 -2.94	79.14 -12.23 -4.02	71.58 -9.12 -7.72	68.43 -9.26 -4.78	67.03 -10.26 -2.93	64.18 -11.24 -2.91	66.29 -10.70 -4.18	65.89 -10.69 -3.84	61.29 -11.17 0.05	59.14 -11.23 2.07	60.74 -10.39 0.02	57.97 -8.59 0.00	55.07 -7.23 0.00
OH_GEN_PROXY 24063	67.84 -4.48 0.00	67.46 -5.15 0.00	66.68 -5.49 0.00	66.97 -5.27 0.00	67.11 -5.21 0.00	67.26 -4.98 0.00	75.16 -7.89 0.00	116.94 -18.64 4.56	113.10 -18.09 2.81	90.05 -11.43 -2.90	96.38 -14.22 -2.88	94.22 -13.76 -2.91	80.36 -11.01 -4.02	72.34 -8.32 -7.68	69.19 -8.53 -4.81	68.13 -9.22 -2.98	65.27 -10.22 -2.97	67.46 -9.61 -4.26	67.05 -9.60 -3.92	62.37 -10.15 -0.01	62.48 -10.14 -0.19	61.60 -9.53 0.02	58.70 -7.85 0.00	55.75 -6.54 0.00
OLIN_CORP_DRP 24177	67.11 -5.21 0.00	66.73 -5.88 0.00	65.89 -6.28 0.00	65.30 -6.93 0.00	66.24 -6.07 0.00	66.47 -5.78 0.00	74.09 -8.97 0.00	114.96 -20.60 4.57	111.36 -19.83 2.82	88.62 -12.92 -2.95	94.60 -16.05 -2.93	92.58 -15.44 -2.96	78.99 -12.40 -4.04	71.34 -9.41 -7.77	68.22 -9.48 -4.79	67.92 -9.37 -2.92	64.83 -10.59 -2.90	66.94 -10.05 -4.18	66.53 -10.04 -3.83	61.29 -11.17 0.06	59.05 -11.30 2.09	60.74 -10.39 0.02	57.90 -8.65 0.00	54.82 -7.48 0.00
OLIN_CORP_DSASP 323712	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.78 0.00	66.68 -5.56 0.00	66.82 -5.50 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	114.97 -20.60 4.57	111.08 -20.10 2.82	88.69 -12.81 -2.92	94.79 -15.83 -2.90	92.77 -15.24 -2.94	79.14 -12.23 -4.02	71.50 -9.20 -7.72	68.21 -9.48 -4.78	67.11 -10.19 -2.93	64.19 -11.24 -2.91	67.09 -9.90 -4.19	65.89 -10.69 -3.84	61.30 -11.17 0.05	61.37 -11.23 -0.17	60.67 -10.46 0.02	57.97 -8.59 0.00	55.25 -7.04 0.00
ONEIDA_HERK_LFGE 323681	75.00 2.68 0.00	75.23 2.61 0.00	74.69 2.52 0.00	74.70 2.46 0.00	74.78 2.46 0.00	74.99 2.74 0.00	85.96 2.91 0.00	143.68 4.07 0.52	137.70 4.02 0.32	102.04 3.45 0.00	111.49 3.77 0.00	108.64 3.57 0.00	90.79 2.97 -0.47	77.24 2.70 -1.56	77.04 2.62 -1.51	78.24 2.60 -1.27	76.21 2.39 -1.31	77.17 2.55 -1.82	76.95 2.54 -1.67	75.82 2.47 -0.84	75.08 2.39 -0.26	73.28 2.13 0.00	68.41 1.86 0.00	63.98 1.68 0.00
ONEIDA___115KV_TB4 55905	74.78 2.46 0.00	75.08 2.47 0.00	74.48 2.31 0.00	74.40 2.17 0.00	74.71 2.39 0.00	74.85 2.60 0.00	86.04 2.99 0.00	143.37 4.34 1.10	137.62 4.29 0.68	102.14 3.55 0.00	111.38 3.66 0.00	108.54 3.47 -0.01	91.12 2.88 -0.89	78.56 2.63 -2.95	78.24 2.48 -2.85	79.29 2.53 -2.40	77.23 2.25 -2.47	78.65 2.40 -3.44	78.22 2.33 -3.15	76.20 2.18 -1.51	74.11 2.10 0.42	72.93 1.78 0.00	68.15 1.60 0.00	63.73 1.43 0.00
ONONDAGA_REF_OCCRA 23987	71.02 -1.30 0.00	71.24 -1.38 0.00	70.65 -1.52 0.00	70.58 -1.66 0.00	70.87 -1.45 0.00	70.95 -1.30 0.00	81.48 -1.58 0.00	135.04 -3.64 1.45	129.90 -3.22 0.89	98.93 -1.77 -2.12	107.48 -2.37 -2.13	104.78 -2.42 -2.13	89.79 -1.75 -4.19	78.19 -1.24 -6.45	77.81 -1.31 -6.21	78.46 -1.49 -5.58	76.84 -1.74 -6.06	79.35 -1.46 -8.00	78.55 -1.53 -7.34	75.49 -1.74 -4.72	71.06 -1.81 -0.44	69.23 -1.92 -0.01	64.89 -1.66 0.00	60.61 -1.68 0.00
ONONDAGA___COGEN 23986	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.59 -1.66 0.00	80.98 -2.08 0.00	134.42 -4.48 1.23	129.23 -4.02 0.76	96.12 -2.46 0.00	104.70 -3.02 0.00	102.03 -3.05 -0.01	86.68 -2.27 -1.60	76.69 -1.61 -5.31	76.29 -1.75 -5.13	76.75 -1.93 -4.32	74.87 -2.18 -4.53	77.11 -1.89 -6.19	76.45 -1.96 -5.68	73.69 -2.10 -3.28	69.79 -2.17 0.47	68.94 -2.21 0.00	64.56 -2.00 0.00	60.36 -1.93 0.00
ONTARIO___LFGE 23819	71.82 -0.50 0.00	71.75 -0.87 0.00	71.01 -1.16 0.00	71.16 -1.08 0.00	71.38 -0.94 0.00	71.60 -0.65 0.00	81.81 -1.24 0.00	130.62 -5.18 4.33	126.64 -4.69 2.67	99.01 -2.37 -2.79	106.72 -3.77 -2.77	104.41 -3.46 -2.81	88.30 -2.35 -3.31	78.52 -1.54 -7.07	74.67 -1.67 -3.43	73.78 -1.93 -1.34	71.40 -2.32 -1.21	72.90 -1.82 -1.91	72.60 -1.89 -1.75	68.83 -2.25 1.44	69.75 -2.32 0.36	68.63 -2.49 0.02	64.42 -2.13 0.00	60.36 -1.93 0.00
ORANGEVILLE_WT_PWR 323706	71.59 -3.03 -2.30	70.26 -3.70 -1.35	69.35 -4.19 -1.37	69.41 -4.19 -1.37	70.15 -4.27 -2.10	69.65 -3.97 -1.37	79.04 -6.32 -2.30	121.81 -15.69 2.63	118.67 -14.74 0.59	94.75 -9.27 -5.43	99.79 -11.64 -3.70	97.32 -11.24 -3.49	82.53 -9.17 -4.35	74.66 -7.15 -8.83	70.28 -7.36 -4.73	69.02 -7.66 -2.31	66.59 -8.19 -2.27	68.24 -7.86 -3.29	67.91 -7.86 -3.02	63.59 -8.19 0.73	64.18 -8.26 -0.01	63.90 -7.97 -0.72	59.90 -6.65 0.00	56.92 -5.61 -0.24
ORANGEVILLE___ESR 323794	71.59 -3.03 -2.30	70.26 -3.70 -1.35	69.35 -4.19 -1.37	69.41 -4.19 -1.37	70.15 -4.27 -2.10	69.65 -3.97 -1.37	79.04 -6.32 -2.30	121.81 -15.69 2.63	118.67 -14.74 0.59	94.75 -9.27 -5.43	99.79 -11.64 -3.70	97.32 -11.24 -3.49	82.53 -9.17 -4.35	74.66 -7.15 -8.83	70.28 -7.36 -4.73	69.02 -7.66 -2.31	66.59 -8.19 -2.27	68.24 -7.86 -3.29	67.91 -7.86 -3.02	63.59 -8.19 0.73	64.18 -8.26 -0.01	63.90 -7.97 -0.72	59.90 -6.65 0.00	56.92 -5.61 -0.24
OSWEGATCHIE___HYD 24044	73.84 1.52 0.00	73.77 1.16 0.00	73.61 1.44 0.00	73.61 1.37 0.00	73.55 1.23 0.00	73.69 1.44 0.00	83.97 0.92 0.00	141.25 1.12 0.00	134.68 0.67 0.00	99.08 0.50 0.00	108.91 1.19 0.00	106.01 0.94 0.00	88.38 0.62 -0.41	75.08 0.73 -1.37	74.89 0.65 -1.32	75.93 0.45 -1.11	74.08 0.36 -1.21	74.77 0.37 -1.60	74.57 0.37 -1.46	73.89 0.29 -1.08	73.21 0.36 -0.41	71.50 0.36 0.00	66.89 0.33 0.00	62.79 0.50 0.00
OSWEGO___5 23606	69.86 -2.46 0.00	70.15 -2.47 0.00	69.57 -2.59 0.00	69.64 -2.60 0.00	69.79 -2.53 0.00	69.79 -2.46 0.00	80.07 -2.99 0.00	139.77 -5.88 -5.52	131.90 -5.50 -3.40	94.94 -3.65 0.00	103.41 -4.31 0.00	100.98 -4.10 -0.01	85.31 -3.23 -1.19	74.37 -2.56 -3.95	74.17 -2.55 -3.81	74.83 -2.75 -3.21	73.64 -2.98 -4.10	74.64 -2.77 -4.60	74.19 -2.76 -4.22	76.75 -2.98 -7.22	72.75 -2.97 -3.29	68.16 -2.99 0.00	63.89 -2.66 0.00	59.80 -2.49 0.00

OSWEGO___6 23613	69.86 -2.46 0.00	70.15 -2.47 0.00	69.57 -2.59 0.00	69.64 -2.60 0.00	69.79 -2.53 0.00	69.79 -2.46 0.00	80.07 -2.99 0.00	139.77 -5.88 -5.52	131.90 -5.50 -3.40	94.94 -3.65 0.00	103.41 -4.31 0.00	100.98 -4.10 -0.01	85.31 -3.23 -1.19	74.37 -2.56 -3.95	74.17 -2.55 -3.81	74.83 -2.75 -3.21	73.64 -2.98 -4.10	74.64 -2.77 -4.60	74.19 -2.76 -4.22	76.75 -2.98 -7.22	72.75 -2.97 -3.29	68.16 -2.99 0.00	63.89 -2.66 0.00	59.80 -2.49 0.00
OUTOKUMPU-AB___DRP 24206	68.63 -3.69 0.00	68.19 -4.43 0.00	67.26 -4.91 0.00	66.53 -5.71 0.00	67.55 -4.77 0.00	67.77 -4.48 0.00	75.50 -7.56 0.00	117.34 -18.22 4.57	113.63 -17.55 2.82	90.32 -11.24 -2.97	96.56 -14.11 -2.95	94.50 -13.55 -2.98	80.49 -10.92 -4.06	72.48 -8.32 -7.82	69.25 -8.46 -4.79	68.65 -8.63 -2.90	65.83 -9.57 -2.89	67.86 -9.10 -4.16	67.46 -9.09 -3.81	62.79 -9.64 0.07	60.63 -9.71 2.10	62.10 -9.04 0.02	59.10 -7.45 0.00	56.00 -6.29 0.00
OXBOW___BTM 323836	68.05 -4.27 0.00	67.53 -5.08 0.00	66.68 -5.49 0.00	66.89 -5.34 0.00	66.97 -5.35 0.00	67.12 -5.13 0.00	74.67 -8.39 0.00	115.81 -19.75 4.57	112.02 -19.17 2.82	89.30 -12.23 -2.94	95.46 -15.18 -2.93	93.43 -14.60 -2.96	79.59 -11.79 -4.04	71.84 -8.91 -7.77	68.51 -9.19 -4.79	67.69 -9.59 -2.91	64.82 -10.59 -2.90	67.45 -9.54 -4.17	66.53 -10.04 -3.83	61.86 -10.59 0.06	61.96 -10.65 -0.17	61.17 -9.96 0.02	58.37 -8.19 0.00	55.63 -6.66 0.00
OXBOW____ 24026	67.98 -4.34 0.00	67.53 -5.08 0.00	66.68 -5.48 0.00	66.03 -6.21 0.00	66.97 -5.35 0.00	67.12 -5.13 0.00	74.67 -8.39 0.00	115.94 -19.62 4.57	112.16 -19.03 2.82	89.31 -12.22 -2.94	95.46 -15.19 -2.93	93.32 -14.71 -2.96	79.60 -11.79 -4.04	71.85 -8.90 -7.77	68.73 -8.97 -4.79	67.69 -9.59 -2.91	64.90 -10.51 -2.90	66.93 -10.05 -4.17	66.53 -10.04 -3.83	61.86 -10.59 0.06	59.77 -10.58 2.09	61.24 -9.89 0.02	58.37 -8.19 0.00	55.38 -6.91 0.00
OXY_CHEM_DSASP 323612	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.77 0.00	65.81 -6.43 0.00	66.75 -5.57 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	115.10 -20.46 4.57	111.35 -19.83 2.82	88.69 -12.82 -2.92	94.79 -15.83 -2.90	92.66 -15.34 -2.94	79.14 -12.23 -4.02	71.58 -9.12 -7.72	68.43 -9.26 -4.78	67.03 -10.26 -2.93	64.18 -11.24 -2.91	66.29 -10.70 -4.18	65.89 -10.69 -3.84	61.29 -11.17 0.05	59.14 -11.23 2.07	60.74 -10.39 0.02	57.97 -8.59 0.00	55.07 -7.23 0.00
OZONE_PARK_ESR 323760	85.29 3.83 -9.14	81.97 3.99 -5.36	81.06 3.46 -5.43	81.06 3.40 -5.42	84.11 3.47 -8.32	81.45 3.76 -5.45	97.42 5.23 -9.13	158.11 9.39 -8.59	153.34 9.92 -9.42	130.52 8.28 -23.65	133.10 8.51 -16.87	129.85 8.83 -15.96	123.72 7.34 -29.03	127.34 6.13 -48.22	121.05 6.05 -42.09	116.18 6.40 -35.42	118.39 6.09 -39.79	130.09 6.48 -50.80	125.75 6.40 -46.61	115.82 6.09 -37.22	82.99 5.87 -4.69	79.37 5.26 -2.96	71.61 5.06 0.00	67.59 4.36 -0.94
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.77 0.00	65.81 -6.43 0.00	66.75 -5.57 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	115.10 -20.46 4.57	111.35 -19.83 2.82	88.69 -12.82 -2.92	94.79 -15.83 -2.90	92.66 -15.34 -2.94	79.14 -12.23 -4.02	71.58 -9.12 -7.72	68.43 -9.26 -4.78	67.03 -10.26 -2.93	64.18 -11.24 -2.91	66.29 -10.70 -4.18	65.89 -10.69 -3.84	61.29 -11.17 0.05	59.14 -11.23 2.07	60.74 -10.39 0.02	57.97 -8.59 0.00	55.07 -7.23 0.00
PACKARD__115KV_DUPONT_184 80571	67.69 -4.63 0.00	67.24 -5.37 0.00	66.39 -5.77 0.00	65.81 -6.43 0.00	66.75 -5.57 0.00	66.90 -5.35 0.00	74.17 -8.89 0.00	115.10 -20.46 4.57	111.35 -19.83 2.82	88.69 -12.82 -2.92	94.79 -15.83 -2.90	92.66 -15.34 -2.94	79.14 -12.23 -4.02	71.58 -9.12 -7.72	68.43 -9.26 -4.78	67.03 -10.26 -2.93	64.18 -11.24 -2.91	66.29 -10.70 -4.18	65.89 -10.69 -3.84	61.29 -11.17 0.05	59.14 -11.23 2.07	60.74 -10.39 0.02	57.97 -8.59 0.00	55.07 -7.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	85.36 3.91 -9.14	82.04 4.07 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.89 3.25 -8.32	81.24 3.54 -5.45	97.09 4.90 -9.13	157.27 8.55 -8.59	152.27 8.84 -9.42	129.72 7.49 -23.64	132.23 7.65 -16.86	128.90 7.88 -15.95	123.01 6.64 -29.02	126.75 5.55 -48.22	120.46 5.47 -42.09	115.58 5.80 -35.41	117.81 5.51 -39.78	129.43 5.82 -50.79	125.09 5.75 -46.60	115.16 5.44 -37.21	82.34 5.22 -4.69	79.09 4.98 -2.97	71.35 4.79 0.00	67.53 4.30 -0.94
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	85.94 4.48 -9.14	82.62 4.65 -5.36	81.49 3.90 -5.43	81.56 3.90 -5.42	84.47 3.83 -8.32	81.74 4.05 -5.45	97.75 5.56 -9.13	158.40 9.67 -8.59	153.21 9.78 -9.42	130.41 8.18 -23.64	132.88 8.29 -16.86	129.63 8.62 -15.95	123.53 7.16 -29.02	127.19 5.98 -48.22	120.90 5.91 -42.09	116.03 6.25 -35.41	118.24 5.95 -39.78	129.86 6.26 -50.79	125.52 6.18 -46.60	115.60 5.87 -37.21	82.84 5.72 -4.69	79.52 5.41 -2.97	71.81 5.26 0.00	67.97 4.73 -0.94
PATROON__115KV_TB1 80586	137.22 2.89 -62.01	112.17 3.20 -36.36	112.06 3.03 -36.86	112.00 2.96 -36.80	131.74 2.97 -56.45	112.25 3.03 -36.97	148.20 3.16 -61.99	203.21 4.76 -58.31	202.87 4.96 -63.90	203.99 4.14 -101.26	167.41 4.42 -55.28	158.24 4.62 -48.55	155.93 3.93 -64.65	144.18 3.36 -67.84	128.17 3.43 -51.83	121.11 3.12 -43.61	127.01 2.90 -51.60	138.05 2.69 -62.55	132.89 2.76 -57.39	126.33 2.90 -50.92	89.49 2.75 -14.31	93.87 2.63 -20.09	69.08 2.53 0.00	71.29 2.62 -6.38
PATTRSNVILLE__SOLAR 323815	179.98 3.47 -104.19	137.42 3.70 -61.10	137.64 3.54 -61.94	137.62 3.54 -61.84	170.72 3.54 -94.86	137.91 3.54 -62.12	191.53 4.32 -104.16	245.12 7.00 -97.98	248.21 6.83 -107.37	265.29 5.22 -161.48	197.42 5.49 -84.21	183.16 5.25 -72.84	181.34 4.19 -89.80	154.46 3.65 -77.83	131.10 3.57 -54.61	124.12 3.79 -45.96	132.60 3.77 -56.32	142.65 3.93 -65.91	137.14 3.93 -60.47	133.75 3.77 -57.47	114.51 3.76 -38.32	108.46 3.56 -33.75	69.88 3.33 0.00	75.94 2.93 -10.71
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	69.93 -2.39 0.00	69.49 -3.12 0.00	68.63 -3.54 0.00	67.90 -4.33 0.00	68.78 -3.54 0.00	69.00 -3.25 0.00	77.49 -5.56 0.00	121.39 -14.15 4.59	118.04 -13.13 2.83	93.23 -8.58 -3.22	99.83 -11.10 -3.20	97.69 -10.61 -3.24	82.05 -9.61 -4.31	72.91 -8.47 -8.39	69.22 -8.68 -4.99	69.08 -8.18 -2.89	67.51 -7.90 -2.90	69.09 -7.86 -4.14	68.68 -7.86 -3.80	64.92 -7.54 0.05	62.76 -7.46 2.22	63.52 -7.61 0.02	60.30 -6.26 0.00	57.06 -5.23 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	85.85 4.12 -9.41	82.49 4.36 -5.52	81.73 3.97 -5.60	81.87 4.05 -5.59	85.01 4.12 -8.57	82.19 4.33 -5.61	98.11 5.65 -9.41	159.07 10.09 -8.85	154.03 10.32 -9.70	131.01 8.28 -24.14	133.39 8.51 -17.16	130.11 8.83 -16.22	124.28 7.51 -29.42	128.00 6.28 -48.74	121.69 6.27 -42.51	116.69 6.54 -35.77	118.95 6.24 -40.20	130.67 6.55 -51.31	126.29 6.47 -47.08	116.21 6.09 -37.61	83.14 5.94 -4.76	79.53 5.34 -3.05	71.55 4.99 0.00	67.37 4.11 -0.97
PEEKSKILL____ 23653	84.33 2.97 -9.04	81.11 3.19 -5.30	80.28 2.74 -5.37	80.42 2.81 -5.36	83.37 2.82 -8.23	80.60 2.96 -5.39	96.24 4.15 -9.04	155.92 7.28 -8.50	151.09 7.77 -9.32	128.50 6.51 -23.40	131.10 6.68 -16.70	127.79 6.93 -15.80	121.93 5.85 -28.73	125.60 4.89 -47.73	119.38 4.81 -41.66	114.49 5.06 -35.06	116.76 4.86 -39.38	128.18 5.10 -50.28	123.89 5.02 -46.13	114.14 4.78 -36.84	94.48 4.57 -17.48	78.20 4.12 -2.93	70.48 3.93 0.00	66.52 3.30 -0.93

PGE MADISON___WINDPWR 24146	85.95 7.38 -6.25	83.47 7.19 -3.67	82.59 6.71 -3.72	82.52 6.57 -3.71	84.59 6.58 -5.69	83.13 7.15 -3.73	97.45 8.14 -6.25	159.77 12.88 -6.75	153.73 12.74 -6.99	121.19 9.76 -12.84	125.86 9.90 -8.23	122.27 9.66 -7.55	109.24 8.12 -13.77	97.19 6.86 -17.35	97.29 6.56 -17.82	98.17 6.92 -16.88	98.09 6.53 -19.05	104.17 7.14 -24.22	101.29 6.33 -22.22	96.93 6.02 -18.40	86.91 5.72 -8.76	78.11 4.91 -2.05	70.82 4.26 0.00	66.67 3.74 -0.64
PIERCEFIELD___HYD 23852	73.33 1.01 0.00	73.27 0.65 0.00	73.39 1.23 0.00	73.61 1.37 0.00	73.19 0.87 0.00	73.19 0.94 0.00	83.22 0.17 0.00	140.83 0.70 0.00	134.01 0.00 0.00	97.70 -0.89 0.00	108.04 0.32 0.00	104.96 -0.11 0.00	87.14 -0.44 -0.23	73.36 -0.36 -0.75	73.19 -0.44 -0.72	74.23 -0.74 -0.61	72.52 -0.65 -0.66	72.73 -0.95 -0.87	72.66 -0.87 -0.80	72.23 -0.87 -0.59	71.64 -0.80 0.00	70.72 -0.43 0.00	66.29 -0.27 0.00	62.42 0.12 0.00
PINELAWN_CC_1 323563	138.04 5.57 -60.15	124.25 5.81 -45.82	123.63 5.27 -46.20	116.98 5.27 -39.47	122.84 5.35 -45.17	142.91 5.56 -65.10	149.72 7.22 -59.44	161.47 12.75 -8.59	173.83 13.27 -26.56	162.70 10.65 -53.46	151.88 10.88 -33.28	150.68 11.03 -34.59	148.44 9.17 -51.92	148.48 7.73 -67.77	144.23 7.65 -63.67	144.82 8.03 -62.42	149.94 7.83 -69.60	169.65 8.08 -88.76	166.99 8.00 -86.25	161.25 7.83 -80.90	144.61 7.46 -64.72	126.56 6.83 -48.58	108.20 6.39 -35.26	90.26 5.54 -22.42
PJM_GEN_HTP_PROXY 323702	84.63 3.18 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.69 3.03 -5.42	83.67 3.04 -8.32	80.95 3.25 -5.45	96.75 4.57 -9.13	156.85 8.12 -8.59	152.13 8.71 -9.41	129.63 7.40 -23.64	132.13 7.54 -16.87	128.80 7.77 -15.96	122.93 6.55 -29.03	126.68 5.48 -48.22	120.39 5.40 -42.09	115.43 5.65 -35.41	117.74 5.44 -39.79	129.28 5.68 -50.79	124.94 5.60 -46.60	115.02 5.29 -37.21	95.16 5.07 -17.66	78.66 4.56 -2.96	70.95 4.39 0.00	67.03 3.80 -0.94
PJM_GEN_KEystone 24065	56.62 -0.50 15.20	53.80 -0.58 18.23	51.72 -1.01 19.44	51.30 -0.94 20.00	51.40 -0.94 19.98	55.50 -0.72 16.03	74.26 -1.16 7.63	75.50 -3.64 60.99	70.40 -2.95 60.66	68.22 -1.18 29.19	68.10 -2.15 37.47	66.00 -1.79 37.28	61.50 -1.57 24.28	59.30 -1.24 12.44	55.00 -1.31 16.60	53.67 -1.34 19.36	56.63 -1.45 14.43	72.73 -1.24 -1.16	75.10 -1.31 -3.67	67.41 -1.38 3.72	60.45 -1.52 10.46	58.80 -1.63 10.71	49.92 -1.20 15.44	46.96 -1.00 14.34
PJM_GEN_NEPTUNE_PROXY 323594	112.60 4.05 -36.24	103.75 4.28 -26.85	103.08 3.82 -27.09	99.64 3.90 -23.51	104.12 3.90 -27.89	113.43 4.04 -37.14	123.47 5.48 -34.93	158.11 9.39 -8.59	162.44 9.92 -18.52	146.25 8.18 -39.48	141.71 8.41 -25.59	139.54 8.62 -25.85	135.78 7.25 -41.19	137.63 6.05 -58.60	132.44 5.98 -53.55	130.37 6.25 -49.76	134.15 6.02 -55.62	150.03 6.26 -70.96	146.58 6.18 -67.66	138.88 5.95 -60.42	120.81 5.72 -42.66	103.53 5.19 -27.20	90.28 4.99 -18.73	78.94 4.30 -12.35
PJM_GEN_VFT_PROXY 323633	83.47 2.75 -8.41	73.88 2.98 1.71	79.97 2.38 -5.42	80.11 2.46 -5.41	75.65 2.53 -0.80	79.55 2.74 -4.56	62.15 4.07 24.97	137.03 7.42 10.53	114.68 7.90 27.23	94.10 6.80 11.29	89.87 6.90 24.75	88.78 7.24 23.53	83.14 6.11 10.32	86.92 5.03 -8.91	81.00 4.96 -3.13	76.27 5.28 3.38	77.76 5.00 -0.25	78.78 5.31 -0.66	77.80 5.24 0.18	75.70 4.93 1.75	62.08 4.71 15.06	70.91 4.20 4.44	70.61 4.06 0.00	66.72 3.49 -0.94
PLATSBURG_115KV_PMLD1 355749	73.84 1.52 0.00	73.92 1.31 0.00	74.04 1.88 0.00	74.33 2.09 0.00	74.27 1.95 0.00	74.34 2.10 0.00	84.38 1.33 0.00	142.66 2.52 0.00	135.62 1.61 0.00	98.69 0.10 0.00	108.15 0.43 0.00	105.07 0.00 0.00	87.00 -0.35 0.00	72.62 -0.36 0.00	72.33 -0.58 0.00	73.70 -0.67 0.00	72.01 -0.51 0.00	71.86 -0.95 0.00	71.65 -1.09 0.00	71.13 -1.38 0.00	70.98 -1.45 0.00	69.72 -1.42 0.00	64.82 -1.73 0.00	61.17 -1.12 0.00
PLEASANTVLY___LBMP 24000	85.01 3.04 -9.65	81.61 3.34 -5.66	80.79 2.89 -5.74	80.85 2.89 -5.73	84.00 2.89 -8.78	81.03 3.03 -5.75	96.77 4.07 -9.65	156.21 7.01 -9.07	151.32 7.37 -9.94	129.52 6.11 -24.82	131.73 6.36 -17.66	128.38 6.62 -16.69	123.17 5.50 -30.31	127.85 4.60 -50.27	121.36 4.59 -43.86	116.03 4.76 -36.91	118.55 4.57 -41.47	130.47 4.73 -52.93	126.03 4.73 -48.56	115.80 4.50 -38.79	81.75 4.42 -4.90	78.26 3.98 -3.13	70.28 3.73 0.00	66.53 3.24 -0.99
PLSNTVLE_13_KV_13.8KVDIST 80602	84.77 3.25 -9.19	81.56 3.56 -5.39	80.73 3.10 -5.47	80.73 3.03 -5.46	83.80 3.11 -8.37	81.05 3.32 -5.48	96.73 4.48 -9.19	156.63 7.85 -8.64	151.79 8.31 -9.47	129.39 7.00 -23.80	131.92 7.22 -16.99	128.59 7.46 -16.07	122.78 6.20 -29.23	126.81 5.25 -48.57	120.48 5.18 -42.40	115.47 5.43 -35.68	117.74 5.15 -40.08	129.44 5.46 -51.16	125.07 5.38 -46.95	115.15 5.15 -37.49	82.08 4.93 -4.72	78.54 4.41 -2.98	70.75 4.19 0.00	66.85 3.61 -0.95
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	84.77 3.25 -9.19	81.56 3.56 -5.39	80.73 3.10 -5.47	80.73 3.03 -5.46	83.80 3.11 -8.37	81.05 3.32 -5.48	96.73 4.48 -9.19	156.63 7.85 -8.64	151.79 8.31 -9.47	129.39 7.00 -23.80	131.92 7.22 -16.99	128.59 7.46 -16.07	122.78 6.20 -29.23	126.81 5.25 -48.57	120.48 5.18 -42.40	115.47 5.43 -35.68	117.74 5.15 -40.08	129.44 5.46 -51.16	125.07 5.38 -46.95	115.15 5.15 -37.49	82.08 4.93 -4.72	78.54 4.41 -2.98	70.75 4.19 0.00	66.85 3.61 -0.95
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	86.36 3.76 -10.28	82.64 3.99 -6.03	81.88 3.61 -6.11	81.95 3.61 -6.10	85.29 3.62 -9.36	82.20 3.83 -6.13	98.31 4.98 -10.27	157.93 8.13 -9.66	153.04 8.44 -10.59	130.98 6.90 -25.49	132.69 7.11 -17.87	129.14 7.25 -16.83	123.63 6.11 -30.17	127.47 5.11 -49.38	120.98 5.10 -42.96	115.80 5.28 -36.15	118.25 5.08 -40.66	130.04 5.39 -51.84	125.62 5.31 -47.57	115.60 5.00 -38.08	82.23 4.85 -4.94	78.89 4.41 -3.33	70.68 4.13 0.00	66.96 3.61 -1.06
POLETTI___ 23519	84.57 3.11 -9.14	81.31 3.34 -5.36	80.34 2.74 -5.43	80.41 2.75 -5.42	83.46 2.82 -8.32	80.80 3.11 -5.45	96.59 4.40 -9.13	156.71 7.99 -8.59	151.87 8.44 -9.42	129.43 7.20 -23.65	131.92 7.32 -16.87	128.69 7.67 -15.96	122.84 6.46 -29.03	126.53 5.33 -48.22	120.32 5.32 -42.09	115.37 5.58 -35.42	117.60 5.29 -39.79	129.21 5.61 -50.80	124.87 5.53 -46.61	114.95 5.22 -37.22	82.19 5.07 -4.69	78.59 4.48 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
POMONA___ESR 323819	83.77 2.68 -8.77	80.67 2.91 -5.15	79.84 2.46 -5.22	79.97 2.53 -5.21	82.91 2.60 -7.99	80.22 2.74 -5.23	95.65 3.82 -8.77	155.11 6.73 -8.25	150.15 7.10 -9.04	127.36 6.01 -22.76	130.11 6.14 -16.25	126.85 6.41 -15.38	120.66 5.33 -27.99	123.95 4.45 -46.51	117.96 4.45 -40.60	113.15 4.61 -34.17	115.32 4.42 -38.38	126.47 4.66 -49.00	122.28 4.59 -44.96	112.76 4.35 -35.90	93.66 4.20 -17.03	77.76 3.77 -2.84	70.08 3.52 0.00	66.19 2.99 -0.90
PORT_JEFF_3 23555	138.76 6.29 -60.15	124.90 6.46 -45.82	124.35 5.99 -46.20	117.70 5.99 -39.47	123.49 6.00 -45.17	143.56 6.21 -65.10	150.48 8.14 -59.28	162.63 13.88 -8.62	184.24 14.20 -36.03	170.28 11.33 -60.36	152.67 11.64 -33.31	151.45 11.76 -34.62	149.17 9.87 -51.95	149.02 8.24 -67.80	144.85 8.24 -63.70	145.44 8.62 -62.45	150.40 8.26 -69.63	231.49 8.51 -150.16	228.84 8.43 -147.67	219.94 8.26 -139.16	145.22 8.04 -64.75	127.20 7.47 -48.58	108.67 6.86 -35.26	90.70 5.98 -22.42

PORT_JEFF_4 23616	139.20 6.73 -60.15	125.34 6.90 -45.82	124.72 6.35 -46.20	117.99 6.28 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.91 8.56 -59.30	163.61 14.85 -8.63	187.17 15.27 -37.89	172.42 12.12 -61.71	153.53 12.49 -33.32	152.19 12.50 -34.62	149.78 10.48 -51.96	149.61 8.83 -67.80	145.36 8.75 -63.71	145.97 9.14 -62.46	150.99 8.84 -69.63	243.90 8.88 -162.21	241.26 8.80 -159.72	232.02 8.92 -150.59	145.81 8.62 -64.76	127.63 7.90 -48.58	109.07 7.26 -35.26	91.00 6.29 -22.42
PORT_JEFF_IC 23713	139.13 6.65 -60.15	125.27 6.83 -45.82	124.72 6.35 -46.20	117.92 6.21 -39.47	123.78 6.29 -45.17	143.85 6.50 -65.10	150.82 8.47 -59.30	163.47 14.71 -8.63	187.04 15.14 -37.89	172.33 12.03 -61.71	153.43 12.39 -33.32	152.19 12.50 -34.62	149.70 10.39 -51.96	149.54 8.76 -67.80	145.29 8.68 -63.71	145.90 9.07 -62.46	150.99 8.85 -69.63	243.90 8.88 -162.21	241.26 8.80 -159.72	232.03 8.92 -150.59	132.77 8.55 -51.79	127.56 7.83 -48.58	109.00 7.19 -35.26	90.94 6.23 -22.42
PPL_PILGRIM_ST_GT1 24216	138.69 6.22 -60.15	124.90 6.46 -45.82	124.35 5.99 -46.20	117.70 5.99 -39.47	123.49 6.00 -45.17	143.63 6.28 -65.10	150.53 8.14 -59.33	162.32 13.59 -8.60	176.18 13.94 -28.23	164.31 11.04 -54.68	152.54 11.53 -33.29	151.32 11.66 -34.59	149.06 9.78 -51.93	148.93 8.17 -67.77	144.82 8.24 -63.67	145.34 8.55 -62.42	150.23 8.12 -69.60	180.81 8.37 -99.63	178.15 8.29 -97.12	171.77 8.05 -91.21	145.13 7.97 -64.72	127.20 7.47 -48.58	108.73 6.92 -35.26	90.82 6.11 -22.42
PPL_PILGRIM_ST_GT2 24217	138.69 6.22 -60.15	124.90 6.46 -45.82	124.35 5.99 -46.20	117.70 5.99 -39.47	123.49 6.00 -45.17	143.63 6.28 -65.10	150.53 8.14 -59.33	162.32 13.59 -8.60	176.18 13.94 -28.23	164.31 11.04 -54.68	152.54 11.53 -33.29	151.32 11.66 -34.59	149.06 9.78 -51.93	148.93 8.17 -67.77	144.82 8.24 -63.67	145.34 8.55 -62.42	150.23 8.12 -69.60	180.81 8.37 -99.63	178.15 8.29 -97.12	171.77 8.05 -91.21	145.13 7.97 -64.72	127.20 7.47 -48.58	108.73 6.92 -35.26	90.82 6.11 -22.42
PPL_SHRM_GT3 24213	139.27 6.80 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	118.07 6.36 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.90 8.56 -59.29	163.33 14.57 -8.62	185.04 14.74 -36.29	170.76 11.63 -60.54	152.99 11.96 -33.31	151.76 12.08 -34.62	149.43 10.13 -51.95	149.24 8.46 -67.80	145.07 8.45 -63.70	145.67 8.85 -62.45	150.69 8.55 -69.63	233.50 8.88 -151.80	230.85 8.80 -149.31	221.79 8.55 -140.72	145.51 8.33 -64.75	127.42 7.69 -48.58	108.80 6.99 -35.26	90.88 6.17 -22.42
PPL_SHRM_GT4 24214	139.27 6.80 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	118.07 6.36 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.90 8.56 -59.29	163.33 14.57 -8.62	185.04 14.74 -36.29	170.76 11.63 -60.54	152.99 11.96 -33.31	151.76 12.08 -34.62	149.43 10.13 -51.95	149.24 8.46 -67.80	145.07 8.45 -63.70	145.67 8.85 -62.45	150.69 8.55 -69.63	233.50 8.88 -151.80	230.85 8.80 -149.31	221.79 8.55 -140.72	145.51 8.33 -64.75	127.42 7.69 -48.58	108.80 6.99 -35.26	90.88 6.17 -22.42
PROJECT___ORANGE 1 24174	70.58 -1.74 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.51 -1.73 0.00	80.98 -2.08 0.00	133.52 -4.48 2.13	128.68 -4.02 1.31	96.22 -2.37 0.00	104.70 -3.02 0.00	102.13 -2.94 -0.01	86.52 -2.27 -1.44	76.16 -1.61 -4.78	75.85 -1.68 -4.62	76.32 -1.93 -3.88	74.30 -2.18 -3.96	76.41 -1.97 -5.57	75.81 -2.04 -5.11	72.46 -2.25 -2.19	69.37 -2.25 0.82	68.80 -2.35 0.00	64.49 -2.06 0.00	60.30 -1.99 0.00
PROJECT___ORANGE 2 24166	70.58 -1.74 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.51 -1.73 0.00	80.98 -2.08 0.00	133.52 -4.48 2.13	128.68 -4.02 1.31	96.22 -2.37 0.00	104.70 -3.02 0.00	102.13 -2.94 -0.01	86.52 -2.27 -1.44	76.16 -1.61 -4.78	75.85 -1.68 -4.62	76.32 -1.93 -3.88	74.30 -2.18 -3.96	76.41 -1.97 -5.57	75.81 -2.04 -5.11	72.46 -2.25 -2.19	69.37 -2.25 0.82	68.80 -2.35 0.00	64.49 -2.06 0.00	60.30 -1.99 0.00
PUCKETT___SOLAR 323809	79.28 1.66 -5.29	77.31 1.60 -3.10	76.61 1.30 -3.15	76.68 1.30 -3.14	78.51 1.37 -4.82	76.92 1.52 -3.16	90.09 1.75 -5.29	145.34 1.54 -3.66	140.53 1.88 -4.65	112.09 1.97 -11.53	116.83 1.51 -7.61	113.59 1.47 -7.06	100.11 1.22 -11.53	91.07 1.10 -16.99	88.28 0.95 -14.42	87.55 1.04 -12.14	87.01 0.87 -13.63	91.38 1.16 -17.41	89.73 1.02 -15.97	85.44 0.87 -12.06	79.17 0.72 -6.02	73.29 0.43 -1.71	67.02 0.47 0.00	63.21 0.38 -0.54
PYRITES___HYD 24023	74.63 2.31 0.00	74.50 1.89 0.00	74.62 2.45 0.00	74.84 2.60 0.00	74.42 2.10 0.00	74.56 2.31 0.00	84.97 1.91 0.00	144.06 3.92 0.00	137.09 3.08 0.00	99.67 1.08 0.00	109.98 2.26 0.00	106.85 1.79 0.00	88.69 1.14 -0.21	74.55 0.88 -0.69	74.45 0.87 -0.67	75.68 0.74 -0.56	73.99 0.87 -0.61	74.20 0.58 -0.81	74.14 0.65 -0.74	73.79 0.73 -0.55	73.23 0.80 0.00	72.14 1.00 0.00	67.55 1.00 0.00	63.54 1.25 0.00
QUAKERRD_115KV_BK1 80622	68.70 -3.62 0.00	68.62 -3.99 0.00	67.98 -4.19 0.00	67.76 -4.48 0.00	68.34 -3.98 0.00	68.56 -3.68 0.00	77.74 -5.32 0.00	124.38 -11.49 4.26	120.39 -10.99 2.63	94.10 -6.80 -2.32	101.52 -8.51 -2.31	99.20 -8.20 -2.33	84.53 -6.29 -3.47	74.91 -4.45 -6.38	72.74 -4.59 -4.43	72.10 -5.35 -3.09	69.49 -6.09 -3.06	71.62 -5.61 -4.42	71.19 -5.60 -4.06	66.65 -6.09 -0.23	64.64 -6.16 1.64	65.30 -5.83 0.01	61.50 -5.06 0.00	57.62 -4.67 0.00
QUEENSBRY_115KV_TB8 356137	177.19 6.58 -98.29	136.94 6.68 -57.64	137.17 6.57 -58.44	137.08 6.50 -58.34	168.39 6.58 -89.49	135.98 5.13 -58.60	187.63 6.31 -98.27	243.08 10.51 -92.43	245.48 10.18 -101.29	259.58 7.79 -153.20	196.43 8.40 -80.31	182.84 8.20 -69.58	179.98 6.55 -86.08	153.73 5.40 -75.35	131.30 5.25 -53.14	124.51 5.43 -44.71	132.63 5.44 -54.68	142.40 5.46 -64.13	137.03 5.46 -58.84	133.42 5.22 -55.69	99.55 6.59 -20.52	109.39 6.40 -31.84	72.48 5.92 0.00	77.82 5.42 -10.11
RAMAPO___LBMP 323565	83.52 2.46 -8.74	80.50 2.76 -5.12	79.67 2.31 -5.19	79.74 2.31 -5.19	82.59 2.31 -7.95	79.99 2.53 -5.21	95.36 3.57 -8.74	154.66 6.31 -8.22	149.71 6.70 -9.00	126.98 5.72 -22.68	129.73 5.82 -16.20	126.48 6.09 -15.32	120.31 5.07 -27.89	123.58 4.23 -46.36	117.61 4.23 -40.47	112.81 4.39 -34.06	114.98 4.21 -38.26	126.09 4.44 -48.84	121.92 4.36 -44.82	112.43 4.13 -35.79	80.92 3.98 -4.50	77.54 3.56 -2.83	69.88 3.33 0.00	66.06 2.87 -0.90
RANKINE____ 23646	69.50 -2.82 0.00	69.06 -3.56 0.00	68.12 -4.04 0.00	67.40 -4.84 0.00	68.34 -3.98 0.00	68.56 -3.68 0.00	76.83 -6.23 0.00	119.69 -15.84 4.61	116.15 -15.01 2.84	92.27 -9.46 -3.14	98.67 -12.17 -3.12	96.56 -11.66 -3.16	81.86 -9.70 -4.21	73.44 -7.74 -8.20	69.85 -7.95 -4.88	69.03 -8.18 -2.84	66.64 -8.70 -2.83	68.49 -8.37 -4.05	68.10 -8.36 -3.72	63.76 -8.63 0.13	61.68 -8.55 2.21	62.88 -8.25 0.02	59.77 -6.79 0.00	56.56 -5.73 0.00
RAVENSWOOD_GT2_1 24244	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.09	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.17 5.44 -37.22	82.34 5.22 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94

RAVENSWOOD_GT2_2 24245	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.09	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.17 5.44 -37.22	82.34 5.22 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
RAVENSWOOD_GT2_3 24246	84.78 3.33 -9.14	81.53 3.56 -5.36	80.63 3.03 -5.43	80.62 2.96 -5.42	83.68 3.04 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	129.01 7.99 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.55 5.54 -42.09	115.59 5.80 -35.42	117.82 5.51 -39.79	129.43 5.82 -50.80	125.10 5.75 -46.61	115.17 5.44 -37.22	82.41 5.29 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
RAVENSWOOD_GT2_4 24247	84.78 3.33 -9.14	81.53 3.56 -5.36	80.63 3.03 -5.43	80.62 2.96 -5.42	83.68 3.04 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	129.01 7.99 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.55 5.54 -42.09	115.59 5.80 -35.42	117.82 5.51 -39.79	129.43 5.82 -50.80	125.10 5.75 -46.61	115.17 5.44 -37.22	82.41 5.29 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
RAVENSWOOD_GT3_1 24248	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.09	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.17 5.44 -37.22	82.34 5.22 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
RAVENSWOOD_GT3_2 24249	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.09	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.17 5.44 -37.22	82.34 5.22 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
RAVENSWOOD_GT3_3 24250	84.86 3.40 -9.14	81.53 3.56 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.02 3.32 -5.45	96.92 4.73 -9.13	157.27 8.55 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.12 8.09 -15.96	123.11 6.73 -29.03	126.83 5.62 -48.23	120.62 5.61 -42.09	115.67 5.88 -35.42	117.89 5.58 -39.79	129.51 5.90 -50.80	125.17 5.82 -46.61	115.25 5.51 -37.22	82.41 5.29 -4.69	78.87 4.77 -2.96	71.15 4.59 0.00	67.22 3.99 -0.94
RAVENSWOOD_GT3_4 24251	84.86 3.40 -9.14	81.53 3.56 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.02 3.32 -5.45	96.92 4.73 -9.13	157.27 8.55 -8.59	152.40 8.98 -9.42	129.83 7.59 -23.65	132.35 7.76 -16.87	129.12 8.09 -15.96	123.11 6.73 -29.03	126.83 5.62 -48.23	120.62 5.61 -42.09	115.67 5.88 -35.42	117.89 5.58 -39.79	129.51 5.90 -50.80	125.17 5.82 -46.61	115.25 5.51 -37.22	82.41 5.29 -4.69	78.87 4.77 -2.96	71.15 4.59 0.00	67.22 3.99 -0.94
RAVENSWOOD_GT_1 23729	85.00 3.54 -9.14	81.75 3.78 -5.36	80.77 3.18 -5.43	80.84 3.18 -5.42	83.82 3.18 -8.32	81.16 3.47 -5.45	97.17 4.98 -9.13	157.83 9.11 -8.59	152.94 9.51 -9.42	130.23 7.99 -23.65	132.78 8.19 -16.88	129.44 8.41 -15.97	123.46 7.08 -29.04	127.13 5.91 -48.23	120.84 5.83 -42.10	115.97 6.17 -35.43	118.19 5.87 -39.80	129.81 6.19 -50.81	125.47 6.11 -46.62	115.54 5.80 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
RAVENSWOOD_GT_10 24258	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.63 7.39 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.10	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.10 5.37 -37.22	82.34 5.22 -4.69	78.73 4.62 -2.96	71.08 4.53 0.00	67.10 3.86 -0.94
RAVENSWOOD_GT_11 24259	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.63 7.39 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.10	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.10 5.37 -37.22	82.34 5.22 -4.69	78.73 4.62 -2.96	71.08 4.53 0.00	67.10 3.86 -0.94
RAVENSWOOD_GT_4 24252	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.76 4.57 -9.13	156.85 8.13 -8.59	152.13 8.71 -9.42	129.64 7.39 -23.65	132.14 7.54 -16.88	128.81 7.77 -15.96	122.93 6.55 -29.03	126.69 5.47 -48.23	120.40 5.40 -42.10	115.45 5.65 -35.42	117.75 5.44 -39.80	129.28 5.68 -50.79	124.95 5.60 -46.61	115.03 5.29 -37.23	82.26 5.14 -4.69	78.67 4.55 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
RAVENSWOOD_GT_5 24254	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.76 4.57 -9.13	156.85 8.13 -8.59	152.13 8.71 -9.42	129.64 7.39 -23.65	132.14 7.54 -16.88	128.81 7.77 -15.96	122.93 6.55 -29.03	126.69 5.47 -48.23	120.40 5.40 -42.10	115.45 5.65 -35.42	117.75 5.44 -39.80	129.28 5.68 -50.79	124.95 5.60 -46.61	115.03 5.29 -37.23	82.26 5.14 -4.69	78.67 4.55 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
RAVENSWOOD_GT_6 24253	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.76 4.57 -9.13	156.85 8.13 -8.59	152.13 8.71 -9.42	129.64 7.39 -23.65	132.14 7.54 -16.88	128.81 7.77 -15.96	122.93 6.55 -29.03	126.69 5.47 -48.23	120.40 5.40 -42.10	115.45 5.65 -35.42	117.75 5.44 -39.80	129.28 5.68 -50.79	124.95 5.60 -46.61	115.03 5.29 -37.23	82.26 5.14 -4.69	78.67 4.55 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
RAVENSWOOD_GT_7 24255	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.76 4.57 -9.13	156.85 8.13 -8.59	152.13 8.71 -9.42	129.64 7.39 -23.65	132.14 7.54 -16.88	128.81 7.77 -15.96	122.93 6.55 -29.03	126.69 5.47 -48.23	120.40 5.40 -42.10	115.45 5.65 -35.42	117.75 5.44 -39.80	129.28 5.68 -50.79	124.95 5.60 -46.61	115.03 5.29 -37.23	82.26 5.14 -4.69	78.67 4.55 -2.96	71.01 4.46 0.00	67.10 3.86 -0.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.63 7.39 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.10	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.10 5.37 -37.22	82.34 5.22 -4.69	78.73 4.62 -2.96	71.08 4.53 0.00	67.10 3.86 -0.94

RAVENSWOOD_GT_9 24257	84.71 3.25 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.62 2.96 -5.42	83.60 2.97 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	156.99 8.27 -8.59	152.27 8.84 -9.42	129.63 7.39 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.02 6.64 -29.03	126.76 5.55 -48.23	120.47 5.47 -42.10	115.52 5.73 -35.42	117.82 5.51 -39.79	129.36 5.75 -50.80	125.02 5.67 -46.61	115.10 5.37 -37.22	82.34 5.22 -4.69	78.73 4.62 -2.96	71.08 4.53 0.00	67.10 3.86 -0.94
RAVENSWOOD___1 23533	85.00 3.54 -9.14	81.75 3.77 -5.36	80.70 3.10 -5.43	80.84 3.17 -5.42	83.90 3.26 -8.32	81.09 3.40 -5.45	97.09 4.90 -9.13	157.70 8.98 -8.59	152.94 9.52 -9.42	130.23 7.98 -23.66	132.78 8.18 -16.88	129.44 8.41 -15.97	123.46 7.07 -29.04	127.12 5.91 -48.23	120.85 5.84 -42.10	115.90 6.10 -35.43	118.18 5.87 -39.80	129.73 6.12 -50.81	125.39 6.03 -46.62	115.54 5.80 -37.23	95.67 5.58 -17.66	79.17 5.05 -2.97	71.42 4.86 -0.01	67.48 4.24 -0.95
RAVENSWOOD___2 23534	84.86 3.40 -9.14	81.53 3.56 -5.36	80.56 2.96 -5.43	80.69 3.03 -5.42	83.75 3.11 -8.32	80.95 3.25 -5.45	96.92 4.73 -9.13	157.56 8.83 -8.59	152.66 9.24 -9.42	130.03 7.79 -23.66	132.57 7.97 -16.88	129.23 8.20 -15.97	123.29 6.90 -29.04	126.98 5.76 -48.23	120.70 5.69 -42.10	115.75 5.95 -35.43	118.04 5.73 -39.80	129.59 5.97 -50.81	125.32 5.97 -46.62	115.40 5.66 -37.23	95.53 5.44 -17.66	79.02 4.91 -2.97	71.29 4.73 -0.01	67.35 4.11 -0.95
RAVENSWOOD___3 23535	84.71 3.26 -9.14	81.46 3.49 -5.36	80.56 2.96 -5.43	80.69 3.03 -5.42	83.75 3.11 -8.32	80.95 3.25 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	128.91 7.88 -15.96	123.01 6.64 -29.03	126.75 5.54 -48.23	120.48 5.47 -42.09	115.52 5.73 -35.42	117.81 5.51 -39.79	129.36 5.75 -50.80	125.03 5.68 -46.61	115.18 5.44 -37.22	95.31 5.22 -17.66	78.80 4.69 -2.96	71.08 4.53 0.00	67.10 3.86 -0.94
RAVENSWOOD___4 23820	84.93 3.47 -9.14	81.67 3.70 -5.36	80.70 3.10 -5.43	80.84 3.17 -5.42	83.82 3.18 -8.32	81.09 3.40 -5.45	97.09 4.90 -9.13	157.70 8.98 -8.59	152.94 9.52 -9.42	130.14 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.46 7.07 -29.04	127.06 5.84 -48.23	120.85 5.83 -42.10	115.90 6.10 -35.43	118.12 5.80 -39.80	129.73 6.12 -50.81	125.39 6.03 -46.62	115.55 5.80 -37.23	95.67 5.58 -17.66	79.09 4.98 -2.97	71.42 4.86 -0.01	67.42 4.17 -0.95
RCPL_TRUST___DRP 24196	84.78 3.33 -9.14	81.53 3.56 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.67 3.04 -8.32	81.02 3.32 -5.45	96.84 4.65 -9.13	157.13 8.41 -8.59	152.40 8.98 -9.41	129.82 7.59 -23.64	132.34 7.76 -16.87	129.11 8.09 -15.96	123.19 6.81 -29.03	126.82 5.62 -48.22	120.54 5.54 -42.09	115.66 5.88 -35.41	117.88 5.58 -39.79	129.50 5.90 -50.79	125.16 5.82 -46.60	115.17 5.44 -37.21	82.33 5.22 -4.69	78.80 4.70 -2.96	71.08 4.53 0.00	67.16 3.92 -0.94
RED___ROCHESTER 323720	70.44 -1.88 0.00	70.22 -2.39 0.00	69.50 -2.67 0.00	69.78 -2.46 0.00	69.94 -2.38 0.00	70.15 -2.10 0.00	79.24 -3.82 0.00	126.33 -9.39 4.42	122.17 -9.12 2.72	95.74 -5.23 -2.38	103.31 -6.78 -2.37	100.95 -6.51 -2.39	85.97 -4.89 -3.51	76.44 -3.06 -6.52	74.05 -3.28 -4.42	73.44 -3.94 -3.01	70.63 -4.86 -2.97	72.90 -4.22 -4.31	72.47 -4.22 -3.96	67.63 -4.93 -0.05	67.61 -4.93 -0.10	66.44 -4.70 0.01	62.69 -3.86 0.00	58.93 -3.36 0.00
REGAN___SOLAR 323812	175.99 6.29 -97.39	136.12 6.39 -57.11	136.27 6.21 -57.90	136.32 6.28 -57.80	167.27 6.29 -88.66	136.95 6.64 -58.06	188.64 8.22 -97.36	245.17 13.45 -91.58	247.10 12.74 -100.36	259.13 9.26 -151.28	196.36 9.58 -79.06	182.43 8.93 -68.44	180.46 6.99 -86.12	157.98 6.05 -78.94	135.82 5.98 -56.93	128.67 6.40 -47.90	137.14 6.60 -58.03	148.35 6.84 -68.70	142.61 6.84 -63.04	137.70 6.60 -58.59	116.54 6.38 -37.73	108.82 6.12 -31.55	72.21 5.65 0.00	77.35 5.04 -10.01
RENSSELAER___COGEN 23796	120.49 2.46 -45.71	102.25 2.83 -26.81	101.93 2.59 -27.17	102.04 2.67 -27.13	116.61 2.68 -41.62	102.10 2.60 -27.25	131.33 2.58 -45.70	186.75 3.64 -42.98	185.00 3.89 -47.10	179.79 3.25 -77.95	155.22 3.45 -44.05	147.87 3.68 -39.13	145.54 3.14 -55.05	140.21 2.70 -64.53	127.04 2.84 -51.29	119.98 2.45 -43.16	125.02 2.25 -50.26	136.82 2.11 -61.90	131.71 2.18 -56.79	123.65 2.32 -48.82	101.94 2.17 -27.33	88.09 2.13 -14.81	68.68 2.13 0.00	69.30 2.31 -4.70
REPUBLIC_115KV_BARTNBRK 55605	180.30 10.20 -97.78	140.05 10.09 -57.35	140.33 10.03 -58.13	140.24 9.97 -58.04	171.47 10.12 -89.03	139.72 9.18 -58.30	191.86 11.05 -97.76	250.72 18.64 -91.95	252.60 17.82 -100.77	264.37 13.31 -152.47	201.89 14.22 -79.95	188.33 13.97 -69.29	184.22 11.09 -85.78	157.26 9.05 -75.23	134.98 8.97 -53.10	128.42 9.37 -44.68	136.49 9.35 -54.62	146.36 9.47 -64.08	140.92 9.38 -58.80	137.04 8.92 -55.61	102.79 9.92 -20.43	112.50 9.68 -31.68	75.54 8.98 0.00	80.51 8.16 -10.05
REVERE_CPWR_DRP 24186	75.79 3.47 0.00	76.03 3.41 0.00	75.41 3.25 0.00	75.34 3.11 0.00	75.57 3.25 0.00	75.86 3.61 0.00	87.04 3.99 0.00	145.24 6.03 0.92	139.47 6.03 0.56	103.42 4.83 0.00	112.89 5.17 0.00	109.90 4.83 -0.01	92.21 4.11 -0.76	79.07 3.58 -2.51	78.84 3.50 -2.43	79.91 3.50 -2.04	77.81 3.19 -2.11	79.16 3.42 -2.93	78.77 3.35 -2.69	77.01 3.19 -1.30	75.20 3.11 0.35	73.85 2.70 0.00	68.95 2.40 0.00	64.41 2.12 0.00
REYNOLDS_115KV_TB3 80639	135.17 3.18 -59.67	111.09 3.49 -34.99	110.89 3.25 -35.47	110.83 3.18 -35.41	129.90 3.25 -54.32	111.07 3.25 -35.57	146.36 3.65 -59.65	201.85 5.61 -56.11	201.26 5.76 -61.49	201.17 4.73 -97.85	166.38 5.06 -53.60	157.56 5.36 -47.14	154.90 4.45 -63.10	143.76 3.80 -66.98	128.10 3.79 -51.40	121.34 3.72 -43.25	127.15 3.55 -51.08	138.26 3.42 -62.03	133.07 3.42 -56.92	126.46 3.63 -50.32	89.87 3.55 -13.89	93.82 3.34 -19.33	69.75 3.19 0.00	71.42 2.99 -6.13
RIVERBAY____ 323610	85.94 4.48 -9.14	82.62 4.65 -5.36	81.49 3.90 -5.43	81.56 3.90 -5.42	84.47 3.83 -8.32	81.74 4.05 -5.45	97.75 5.56 -9.13	158.40 9.67 -8.59	153.21 9.78 -9.42	130.41 8.18 -23.64	132.88 8.29 -16.86	129.63 8.62 -15.95	123.53 7.16 -29.02	127.19 5.98 -48.22	120.90 5.91 -42.09	116.03 6.25 -35.41	118.24 5.95 -39.78	129.86 6.26 -50.79	125.52 6.18 -46.60	115.60 5.87 -37.21	82.84 5.72 -4.69	79.52 5.41 -2.97	71.81 5.26 0.00	67.97 4.73 -0.94
RIVERSIDE_115KV_TB3 55908	129.34 2.82 -54.19	107.59 3.20 -31.78	107.34 2.96 -32.22	107.29 2.89 -32.17	124.63 2.97 -49.34	107.52 2.96 -32.31	140.39 3.16 -54.18	195.72 4.62 -50.96	194.68 4.82 -55.85	192.70 4.04 -90.07	161.91 4.31 -49.88	153.61 4.52 -44.02	151.21 3.84 -60.02	142.45 3.28 -66.18	127.77 3.35 -51.51	120.76 3.05 -43.34	126.24 2.83 -50.90	137.66 2.69 -62.16	132.54 2.76 -57.03	125.27 2.90 -49.86	88.16 2.75 -12.97	91.41 2.70 -17.56	69.15 2.60 0.00	70.48 2.62 -5.57
ROARING___BROOK_WT_PWR 323790	71.60 -0.72 0.00	71.60 -1.02 0.00	71.09 -1.08 0.00	70.94 -1.30 0.00	70.80 -1.52 0.00	70.73 -1.52 0.00	81.15 -1.91 0.00	137.33 -2.80 0.00	131.06 -2.95 0.00	95.93 -2.66 0.00	105.13 -2.59 0.00	102.33 -2.73 0.00	85.08 -2.27 0.00	71.01 -1.97 0.00	70.94 -1.97 0.00	72.51 -1.86 0.00	70.85 -1.66 0.00	70.99 -1.82 0.00	70.92 -1.82 0.00	70.77 -1.74 0.00	70.69 -1.74 0.00	69.51 -1.63 0.00	64.96 -1.60 0.00	60.80 -1.50 0.00

ROCHESRG_115KV_T4 355643	69.64 -2.68 0.00	69.49 -3.12 0.00	68.77 -3.39 0.00	68.48 -3.76 0.00	69.14 -3.18 0.00	69.36 -2.89 0.00	78.40 -4.65 0.00	124.90 -10.79 4.45	120.81 -10.45 2.74	94.65 -6.31 -2.37	102.00 -8.08 -2.36	99.67 -7.77 -2.38	84.99 -5.85 -3.49	75.52 -3.94 -6.48	73.16 -4.16 -4.41	72.40 -4.98 -3.01	69.68 -5.80 -2.97	71.81 -5.32 -4.31	71.39 -5.31 -3.96	66.67 -5.87 -0.03	64.80 -5.87 1.76	65.66 -5.48 0.01	61.96 -4.59 0.00	58.12 -4.17 0.00
ROCHESTER_9_IC 23652	70.01 -2.31 0.00	69.86 -2.76 0.00	69.21 -2.96 0.00	68.84 -3.40 0.00	69.57 -2.75 0.00	69.79 -2.46 0.00	78.90 -4.15 0.00	125.77 -9.95 4.42	121.64 -9.65 2.72	95.35 -5.62 -2.38	102.77 -7.32 -2.37	100.42 -7.04 -2.40	85.53 -5.33 -3.51	76.07 -3.43 -6.52	73.68 -3.65 -4.42	72.92 -4.46 -3.01	70.19 -5.29 -2.97	72.32 -4.81 -4.31	71.89 -4.80 -3.96	67.20 -5.37 -0.05	65.24 -5.43 1.76	66.09 -5.05 0.01	62.36 -4.19 0.00	58.49 -3.80 0.00
ROCKVIEW_13_KV_LD 356306	84.86 3.40 -9.14	81.60 3.63 -5.36	80.77 3.18 -5.43	80.77 3.11 -5.42	83.82 3.18 -8.32	81.16 3.47 -5.45	96.92 4.73 -9.13	157.13 8.41 -8.59	152.27 8.84 -9.42	129.73 7.49 -23.65	132.24 7.65 -16.87	129.01 7.99 -15.96	123.02 6.64 -29.03	126.83 5.62 -48.22	120.54 5.54 -42.09	115.59 5.80 -35.42	117.81 5.51 -39.79	129.43 5.82 -50.80	125.09 5.75 -46.61	115.24 5.51 -37.22	82.41 5.29 -4.69	78.87 4.77 -2.96	71.08 4.53 0.00	67.10 3.86 -0.94
ROME____115KV_TB2 80656	75.79 3.47 0.00	76.03 3.41 0.00	75.41 3.25 0.00	75.34 3.11 0.00	75.57 3.25 0.00	75.86 3.61 0.00	87.04 3.99 0.00	145.24 6.03 0.92	139.47 6.03 0.56	103.42 4.83 0.00	112.89 5.17 0.00	109.90 4.83 -0.01	92.21 4.11 -0.76	79.07 3.58 -2.51	78.84 3.50 -2.43	79.91 3.50 -2.04	77.81 3.19 -2.11	79.16 3.42 -2.93	78.77 3.35 -2.69	77.01 3.19 -1.30	75.20 3.11 0.35	73.85 2.70 0.00	68.95 2.40 0.00	64.41 2.12 0.00
ROSETON___1 23587	83.99 2.82 -8.85	80.93 3.12 -5.19	80.10 2.67 -5.26	80.24 2.74 -5.25	83.20 2.82 -8.06	80.42 2.89 -5.28	95.73 3.82 -8.85	155.05 6.59 -8.32	150.09 6.96 -9.12	127.64 5.82 -23.24	130.42 6.03 -16.67	127.06 6.20 -15.79	121.45 5.24 -28.86	125.52 4.38 -48.16	119.36 4.37 -42.07	114.31 4.54 -35.40	116.62 4.35 -39.76	128.10 4.52 -50.77	123.76 4.44 -46.59	113.97 4.28 -37.18	94.16 4.13 -17.60	77.71 3.70 -2.87	70.08 3.52 0.00	66.26 3.05 -0.91
ROSETON___2 23588	83.99 2.82 -8.85	80.93 3.12 -5.19	80.10 2.67 -5.26	80.24 2.74 -5.25	83.20 2.82 -8.06	80.42 2.89 -5.28	95.73 3.82 -8.85	155.05 6.59 -8.32	150.09 6.96 -9.12	127.64 5.82 -23.24	130.42 6.03 -16.67	127.06 6.20 -15.79	121.45 5.24 -28.86	125.52 4.38 -48.16	119.36 4.37 -42.07	114.31 4.54 -35.40	116.62 4.35 -39.76	128.10 4.52 -50.77	123.76 4.44 -46.59	113.97 4.28 -37.18	94.16 4.13 -17.60	77.71 3.70 -2.87	70.08 3.52 0.00	66.26 3.05 -0.91
ROTRDAM_115KV_TB3 80664	181.87 2.75 -106.80	138.23 2.98 -62.63	138.47 2.81 -63.49	138.37 2.75 -63.39	172.37 2.82 -97.23	138.60 2.67 -63.68	193.15 3.32 -106.77	245.89 5.33 -100.43	249.43 5.36 -110.06	268.22 4.24 -165.39	198.33 4.42 -86.19	184.01 4.41 -74.53	182.23 3.67 -91.22	153.53 3.14 -77.41	129.70 3.06 -53.73	122.70 3.12 -45.21	131.22 3.05 -55.66	140.78 3.13 -64.84	135.36 3.13 -59.49	132.60 3.05 -57.04	97.53 3.11 -21.98	108.66 2.92 -34.60	69.28 2.73 0.00	75.71 2.43 -10.98
RUSSELL___1 23602	70.37 -1.95 0.00	70.22 -2.40 0.00	69.50 -2.67 0.00	69.20 -3.03 0.00	69.93 -2.39 0.00	70.15 -2.10 0.00	79.23 -3.82 0.00	126.33 -9.39 4.42	122.17 -9.11 2.72	95.84 -5.13 -2.38	103.30 -6.79 -2.37	100.95 -6.51 -2.40	86.05 -4.80 -3.51	76.51 -2.99 -6.52	74.12 -3.21 -4.42	73.36 -4.02 -3.01	70.62 -4.86 -2.97	72.75 -4.37 -4.31	72.40 -4.29 -3.96	67.64 -4.93 -0.05	65.68 -5.00 1.76	66.51 -4.62 0.01	62.69 -3.86 0.00	58.81 -3.49 0.00
RUSSELL___2 23532	70.37 -1.95 0.00	70.22 -2.40 0.00	69.50 -2.67 0.00	69.20 -3.03 0.00	69.93 -2.39 0.00	70.15 -2.10 0.00	79.23 -3.82 0.00	126.33 -9.39 4.42	122.17 -9.11 2.72	95.84 -5.13 -2.38	103.30 -6.79 -2.37	100.95 -6.51 -2.40	86.05 -4.80 -3.51	76.51 -2.99 -6.52	74.12 -3.21 -4.42	73.36 -4.02 -3.01	70.62 -4.86 -2.97	72.75 -4.37 -4.31	72.40 -4.29 -3.96	67.64 -4.93 -0.05	65.68 -5.00 1.76	66.51 -4.62 0.01	62.69 -3.86 0.00	58.81 -3.49 0.00
RUSSELL___3 23549	70.37 -1.95 0.00	70.22 -2.40 0.00	69.50 -2.67 0.00	69.20 -3.03 0.00	69.93 -2.39 0.00	70.15 -2.10 0.00	79.23 -3.82 0.00	126.33 -9.39 4.42	122.17 -9.11 2.72	95.84 -5.13 -2.38	103.30 -6.79 -2.37	100.95 -6.51 -2.40	86.05 -4.80 -3.51	76.51 -2.99 -6.52	74.12 -3.21 -4.42	73.36 -4.02 -3.01	70.62 -4.86 -2.97	72.75 -4.37 -4.31	72.40 -4.29 -3.96	67.64 -4.93 -0.05	65.68 -5.00 1.76	66.51 -4.62 0.01	62.69 -3.86 0.00	58.81 -3.49 0.00
RUSSELL___4 23556	70.37 -1.95 0.00	70.22 -2.40 0.00	69.50 -2.67 0.00	69.20 -3.03 0.00	69.93 -2.39 0.00	70.15 -2.10 0.00	79.23 -3.82 0.00	126.33 -9.39 4.42	122.17 -9.11 2.72	95.84 -5.13 -2.38	103.30 -6.79 -2.37	100.95 -6.51 -2.40	86.05 -4.80 -3.51	76.51 -2.99 -6.52	74.12 -3.21 -4.42	73.36 -4.02 -3.01	70.62 -4.86 -2.97	72.75 -4.37 -4.31	72.40 -4.29 -3.96	67.64 -4.93 -0.05	65.68 -5.00 1.76	66.51 -4.62 0.01	62.69 -3.86 0.00	58.81 -3.49 0.00
RUSSELL___STATION 23914	70.37 -1.95 0.00	70.22 -2.40 0.00	69.50 -2.67 0.00	69.20 -3.03 0.00	69.93 -2.39 0.00	70.15 -2.10 0.00	79.23 -3.82 0.00	126.33 -9.39 4.42	122.17 -9.11 2.72	95.84 -5.13 -2.38	103.30 -6.79 -2.37	100.95 -6.51 -2.40	86.05 -4.80 -3.51	76.51 -2.99 -6.52	74.12 -3.21 -4.42	73.36 -4.02 -3.01	70.62 -4.86 -2.97	72.75 -4.37 -4.31	72.40 -4.29 -3.96	67.64 -4.93 -0.05	65.68 -5.00 1.76	66.51 -4.62 0.01	62.69 -3.86 0.00	58.81 -3.49 0.00
S SALMON___HYD 24043	71.60 -0.72 0.00	71.82 -0.80 0.00	71.23 -0.94 0.00	71.30 -0.94 0.00	71.46 -0.86 0.00	71.60 -0.65 0.00	81.89 -1.16 0.00	137.33 -2.80 0.00	131.46 -2.55 0.00	97.21 -1.38 0.00	105.89 -1.83 0.00	103.50 -1.57 -0.01	87.38 -1.14 -1.17	76.18 -0.66 -3.86	75.91 -0.73 -3.73	76.54 -0.97 -3.13	74.60 -1.30 -3.40	76.29 -1.02 -4.50	75.84 -1.02 -4.12	74.33 -1.23 -3.05	72.28 -1.30 -1.15	69.73 -1.42 0.00	65.36 -1.20 0.00	61.24 -1.06 0.00
S.PERRY__115KV_TB1 80734	70.15 -2.17 0.00	69.86 -2.76 0.00	68.99 -3.18 0.00	68.55 -3.68 0.00	69.28 -3.04 0.00	69.65 -2.60 0.00	78.82 -4.24 0.00	124.78 -10.37 4.98	121.01 -9.92 3.08	95.76 -6.11 -3.28	102.68 -8.29 -3.26	100.07 -8.30 -3.30	85.04 -6.20 -3.89	76.78 -4.45 -8.25	72.39 -4.52 -4.00	71.04 -4.91 -1.57	68.65 -5.29 -1.44	70.39 -4.66 -2.24	70.14 -4.66 -2.06	65.53 -5.37 1.62	64.13 -5.43 2.87	65.79 -5.34 0.03	61.96 -4.59 0.00	58.00 -4.30 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	68.78 -3.54 0.00	68.33 -4.28 0.00	67.48 -4.69 0.00	66.82 -5.42 0.00	67.76 -4.56 0.00	67.99 -4.26 0.00	76.00 -7.06 0.00	118.30 -17.24 4.60	114.55 -16.62 2.84	91.16 -10.45 -3.02	97.47 -13.25 -3.00	95.39 -12.71 -3.04	81.14 -10.31 -4.10	73.03 -7.88 -7.93	69.63 -8.09 -4.81	68.61 -8.63 -2.87	65.94 -9.43 -2.85	67.88 -9.03 -4.10	67.55 -8.95 -3.76	62.98 -9.43 0.11	60.88 -9.42 2.14	62.24 -8.89 0.02	59.23 -7.32 0.00	56.06 -6.23 0.00

SAWYER___23_KV_LOAD 55526	68.78 -3.54 0.00	68.33 -4.28 0.00	67.48 -4.69 0.00	66.82 -5.42 0.00	67.76 -4.56 0.00	67.99 -4.26 0.00	76.00 -7.06 0.00	118.30 -17.24 4.60	114.55 -16.62 2.84	91.16 -10.45 -3.02	97.47 -13.25 -3.00	95.39 -12.71 -3.04	81.14 -10.31 -4.10	73.03 -7.88 -7.93	69.63 -8.09 -4.81	68.61 -8.63 -2.87	65.94 -9.43 -2.85	67.88 -9.03 -4.10	67.55 -8.95 -3.76	62.98 -9.43 0.11	60.88 -9.42 2.14	62.24 -8.89 0.02	59.23 -7.32 0.00	56.06 -6.23 0.00
SELKIRK___I 23801	113.52 5.14 -36.06	99.14 5.37 -21.15	98.87 5.27 -21.44	98.85 5.20 -21.40	110.36 5.21 -32.83	98.95 5.20 -21.50	124.59 5.48 -36.05	182.03 7.98 -33.91	178.94 7.77 -37.16	168.53 6.01 -63.93	151.37 6.46 -37.19	145.01 6.62 -33.32	141.73 5.51 -48.88	139.02 4.45 -61.59	127.60 4.60 -50.09	120.91 4.39 -42.15	125.36 4.20 -48.64	137.41 4.15 -60.45	132.35 4.14 -55.47	123.53 4.20 -46.82	101.66 3.98 -25.25	86.81 3.98 -11.68	70.75 4.20 0.00	70.11 4.11 -3.71
SELKIRK___II 23799	110.31 2.46 -35.53	96.21 2.76 -20.83	95.88 2.59 -21.12	95.92 2.60 -21.09	107.26 2.60 -32.34	95.96 2.53 -21.18	121.31 2.74 -35.52	177.61 4.07 -33.41	174.78 4.16 -36.61	165.44 3.45 -63.40	148.44 3.66 -37.05	142.21 3.89 -33.25	139.68 3.23 -49.10	138.29 2.77 -62.54	126.79 2.84 -51.04	119.99 2.67 -42.94	124.48 2.47 -49.50	136.80 2.40 -61.59	131.72 2.47 -56.51	122.55 2.47 -47.57	100.34 2.39 -25.52	84.93 2.28 -11.51	68.82 2.26 0.00	68.19 2.24 -3.65
SENECA OSWGO___HYD 24041	70.15 -2.17 0.00	70.36 -2.25 0.00	69.79 -2.38 0.00	69.92 -2.31 0.00	70.08 -2.24 0.00	70.08 -2.17 0.00	80.39 -2.66 0.00	135.28 -5.32 -0.47	129.34 -4.96 -0.29	95.53 -3.06 0.00	103.95 -3.77 0.00	101.40 -3.68 -0.01	85.86 -2.80 -1.31	75.20 -2.12 -4.34	74.91 -2.19 -4.19	75.51 -2.38 -3.52	73.78 -2.61 -3.87	75.53 -2.33 -5.05	74.98 -2.40 -4.64	73.68 -2.61 -3.78	71.23 -2.68 -1.47	68.44 -2.70 0.00	64.09 -2.46 0.00	60.05 -2.24 0.00
SENECA___115KV_TB3 355854	69.57 -2.75 0.00	69.13 -3.49 0.00	68.27 -3.90 0.00	67.54 -4.70 0.00	68.41 -3.91 0.00	68.71 -3.54 0.00	76.91 -6.15 0.00	119.97 -15.55 4.61	116.29 -14.87 2.84	92.36 -9.37 -3.14	98.89 -11.96 -3.12	96.67 -11.56 -3.16	81.95 -9.61 -4.21	73.59 -7.59 -8.20	69.99 -7.80 -4.88	69.17 -8.03 -2.84	66.79 -8.56 -2.83	68.56 -8.30 -4.05	68.24 -8.22 -3.72	63.90 -8.48 0.13	61.75 -8.47 2.21	62.95 -8.18 0.02	59.83 -6.72 0.00	56.63 -5.67 0.00
SENECA___ENERGY 23797	70.94 -1.38 0.00	71.02 -1.60 0.00	70.29 -1.88 0.00	70.50 -1.73 0.00	70.73 -1.59 0.00	70.87 -1.37 0.00	81.06 -1.99 0.00	132.75 -5.32 2.06	127.78 -4.96 1.27	98.33 -2.76 -2.50	106.35 -3.87 -2.50	103.81 -3.78 -2.52	88.73 -2.80 -4.18	78.07 -1.97 -7.05	76.53 -2.04 -5.66	76.57 -2.31 -4.50	74.77 -2.61 -4.87	77.08 -2.18 -6.45	76.40 -2.26 -5.92	73.26 -2.54 -3.29	71.43 -2.60 -1.60	68.37 -2.78 0.00	64.16 -2.39 0.00	60.05 -2.24 0.00
SHOEMAKER___GT 23640	83.13 2.53 -8.28	80.23 2.76 -4.86	79.47 2.38 -4.92	79.61 2.46 -4.92	82.32 2.46 -7.54	79.71 2.53 -4.94	94.74 3.41 -8.28	153.38 5.46 -7.79	148.30 5.76 -8.53	125.05 4.93 -21.53	128.07 4.96 -15.39	124.78 5.15 -14.56	118.14 4.28 -26.51	120.71 3.65 -44.08	114.97 3.57 -38.48	110.54 3.79 -32.38	112.51 3.62 -36.38	123.11 3.86 -46.44	119.13 3.78 -42.61	110.16 3.62 -34.02	92.05 3.48 -16.14	76.96 3.13 -2.68	69.41 2.86 0.00	65.64 2.49 -0.85
SHOEMAKR_138KV_BK 111 55601	82.93 2.39 -8.22	80.12 2.69 -4.82	79.36 2.31 -4.89	79.43 2.31 -4.88	82.12 2.31 -7.49	79.61 2.46 -4.90	94.60 3.32 -8.22	153.33 5.47 -7.73	148.24 5.76 -8.47	124.90 4.93 -21.38	127.96 4.96 -15.29	124.68 5.15 -14.46	117.96 4.28 -26.33	120.42 3.65 -43.79	114.71 3.57 -38.23	110.33 3.79 -32.17	112.27 3.63 -36.13	122.80 3.86 -46.13	118.85 3.78 -42.33	109.86 3.55 -33.80	80.16 3.48 -4.25	76.87 3.06 -2.66	69.42 2.86 0.00	65.63 2.49 -0.85
SHOREHAM_IC_1 23715	139.27 6.80 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	118.07 6.36 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.90 8.56 -59.29	163.33 14.57 -8.62	185.04 14.74 -36.29	170.76 11.63 -60.54	152.99 11.96 -33.31	151.76 12.08 -34.62	149.43 10.13 -51.95	149.24 8.46 -67.80	145.07 8.45 -63.70	145.67 8.85 -62.45	150.69 8.55 -69.63	233.50 8.88 -151.80	230.85 8.80 -149.31	221.79 8.55 -140.72	145.51 8.33 -64.75	127.42 7.69 -48.58	108.80 6.99 -35.26	90.88 6.17 -22.42
SHOREHAM_IC_2 23716	139.27 6.80 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	118.07 6.36 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.90 8.56 -59.29	163.33 14.57 -8.62	185.04 14.74 -36.29	170.76 11.63 -60.54	152.99 11.96 -33.31	151.76 12.08 -34.62	149.43 10.13 -51.95	149.24 8.46 -67.80	145.07 8.45 -63.70	145.67 8.85 -62.45	150.69 8.55 -69.63	233.50 8.88 -151.80	230.85 8.80 -149.31	221.79 8.55 -140.72	145.51 8.33 -64.75	127.42 7.69 -48.58	108.80 6.99 -35.26	90.88 6.17 -22.42
SISSONVILLE____ 23735	73.33 1.01 0.00	73.27 0.65 0.00	73.39 1.23 0.00	73.61 1.37 0.00	73.19 0.87 0.00	73.19 0.94 0.00	83.22 0.17 0.00	140.83 0.70 0.00	134.01 0.00 0.00	97.70 -0.89 0.00	108.04 0.32 0.00	104.96 -0.11 0.00	87.14 -0.44 -0.23	73.36 -0.36 -0.75	73.19 -0.44 -0.72	74.23 -0.74 -0.61	72.52 -0.65 -0.66	72.73 -0.95 -0.87	72.66 -0.87 -0.80	72.23 -0.87 -0.59	71.64 -0.80 0.00	70.72 -0.43 0.00	66.29 -0.27 0.00	62.42 0.12 0.00
SITHE_IND_GS1 24169	69.29 -3.03 0.00	69.49 -3.12 0.00	68.92 -3.25 0.00	69.06 -3.18 0.00	69.21 -3.11 0.00	69.14 -3.10 0.00	79.32 -3.74 0.00	116.15 -7.00 16.98	116.99 -6.56 10.45	94.15 -4.43 0.00	102.55 -5.17 0.00	100.03 -5.04 -0.01	84.41 -4.02 -1.08	73.42 -3.14 -3.57	73.15 -3.21 -3.45	73.93 -3.35 -2.90	70.16 -3.55 -1.20	73.62 -3.35 -4.16	73.14 -3.42 -3.82	59.16 -3.55 9.80	63.43 -3.55 5.46	67.59 -3.56 0.00	63.29 -3.26 0.00	59.31 -2.99 0.00
SITHE_IND_GS2 24170	69.29 -3.03 0.00	69.49 -3.12 0.00	68.92 -3.25 0.00	69.06 -3.18 0.00	69.21 -3.11 0.00	69.14 -3.10 0.00	79.32 -3.74 0.00	116.15 -7.00 16.98	116.99 -6.56 10.45	94.15 -4.43 0.00	102.55 -5.17 0.00	100.03 -5.04 -0.01	84.41 -4.02 -1.08	73.42 -3.14 -3.57	73.15 -3.21 -3.45	73.93 -3.35 -2.90	70.16 -3.55 -1.20	73.62 -3.35 -4.16	73.14 -3.42 -3.82	59.16 -3.55 9.80	63.43 -3.55 5.46	67.59 -3.56 0.00	63.29 -3.26 0.00	59.31 -2.99 0.00
SITHE_IND_GS3 24171	69.29 -3.03 0.00	69.49 -3.12 0.00	68.92 -3.25 0.00	69.06 -3.18 0.00	69.21 -3.11 0.00	69.14 -3.10 0.00	79.32 -3.74 0.00	116.15 -7.00 16.98	116.99 -6.56 10.45	94.15 -4.43 0.00	102.55 -5.17 0.00	100.03 -5.04 -0.01	84.41 -4.02 -1.08	73.42 -3.14 -3.57	73.15 -3.21 -3.45	73.93 -3.35 -2.90	70.16 -3.55 -1.20	73.62 -3.35 -4.16	73.14 -3.42 -3.82	59.16 -3.55 9.80	63.43 -3.55 5.46	67.59 -3.56 0.00	63.29 -3.26 0.00	59.31 -2.99 0.00
SITHE_IND_GS4 24172	69.29 -3.03 0.00	69.49 -3.12 0.00	68.92 -3.25 0.00	69.06 -3.18 0.00	69.21 -3.11 0.00	69.14 -3.10 0.00	79.32 -3.74 0.00	116.15 -7.00 16.98	116.99 -6.56 10.45	94.15 -4.43 0.00	102.55 -5.17 0.00	100.03 -5.04 -0.01	84.41 -4.02 -1.08	73.42 -3.14 -3.57	73.15 -3.21 -3.45	73.93 -3.35 -2.90	70.16 -3.55 -1.20	73.62 -3.35 -4.16	73.14 -3.42 -3.82	59.16 -3.55 9.80	63.43 -3.55 5.46	67.59 -3.56 0.00	63.29 -3.26 0.00	59.31 -2.99 0.00

SITHE___BATAVIA 24024	70.15 -2.17 0.00	69.78 -2.83 0.00	68.92 -3.25 0.00	69.13 -3.10 0.00	69.35 -2.97 0.00	69.72 -2.53 0.00	78.07 -4.98 0.00	122.89 -12.75 4.49	118.78 -12.46 2.77	93.80 -7.50 -2.71	100.51 -9.91 -2.70	98.13 -9.66 -2.73	83.57 -7.60 -3.82	74.83 -5.40 -7.24	72.00 -5.54 -4.63	71.68 -5.66 -2.96	68.71 -6.74 -2.94	70.95 -6.12 -4.25	70.68 -5.96 -3.90	65.55 -6.96 0.01	65.55 -7.02 -0.15	64.66 -6.47 0.01	61.29 -5.26 0.00	57.93 -4.36 0.00
SITHE___INDEPEND 23800	69.28 -3.04 0.00	69.49 -3.12 0.00	68.92 -3.25 0.00	68.91 -3.32 0.00	69.14 -3.18 0.00	69.14 -3.11 0.00	79.32 -3.74 0.00	116.14 -7.01 16.98	116.99 -6.57 10.45	94.15 -4.44 0.00	102.55 -5.17 0.00	100.03 -5.04 -0.01	84.41 -4.02 -1.08	73.41 -3.14 -3.57	73.15 -3.21 -3.45	73.85 -3.42 -2.90	70.16 -3.55 -1.20	73.62 -3.35 -4.16	73.14 -3.42 -3.82	59.16 -3.55 9.80	62.37 -3.55 6.52	67.59 -3.56 0.00	63.29 -3.26 0.00	59.24 -3.05 0.00
SITHE___MASSENA 23902	72.90 0.58 0.00	72.91 0.29 0.00	72.96 0.80 0.00	72.96 0.72 0.00	72.90 0.58 0.00	72.90 0.65 0.00	83.39 0.33 0.00	141.39 1.26 0.00	134.55 0.54 0.00	98.00 -0.59 0.00	107.83 0.11 0.00	104.86 -0.21 0.00	86.91 -0.43 0.00	72.47 -0.51 0.00	72.40 -0.51 0.00	73.93 -0.44 0.00	72.37 -0.14 0.00	72.30 -0.51 0.00	72.30 -0.43 0.00	72.15 -0.36 0.00	72.14 -0.29 0.00	71.15 0.00 0.00	66.42 -0.13 0.00	62.29 0.00 0.00
SITHE___OGDNSBRG 24021	74.42 2.10 0.00	74.28 1.67 0.00	74.40 2.24 0.00	74.69 2.46 0.00	74.27 1.95 0.00	74.34 2.10 0.00	84.88 1.83 0.00	144.06 3.92 0.00	136.96 2.95 0.00	99.48 0.89 0.00	109.66 1.94 0.00	106.43 1.37 0.00	88.05 0.70 0.00	73.49 0.51 0.00	73.49 0.58 0.00	74.96 0.59 0.00	73.38 0.87 0.00	73.47 0.66 0.00	73.39 0.65 0.00	73.31 0.80 0.00	73.30 0.87 0.00	72.21 1.07 0.00	67.49 0.93 0.00	63.42 1.12 0.00
SITHE___STERLING 23777	74.78 2.46 0.00	75.09 2.47 0.00	74.47 2.31 0.00	74.55 2.31 0.00	74.70 2.38 0.00	74.84 2.60 0.00	86.04 2.99 0.00	143.38 4.35 1.10	137.62 4.29 0.68	102.13 3.54 0.00	111.38 3.66 0.00	108.53 3.46 -0.01	91.12 2.88 -0.89	78.48 2.55 -2.95	78.24 2.48 -2.85	79.30 2.53 -2.40	77.16 2.17 -2.47	78.65 2.40 -3.44	78.22 2.33 -3.15	76.20 2.17 -1.51	74.99 2.10 -0.45	72.93 1.78 0.00	68.15 1.59 0.00	63.73 1.43 0.00
SLEIGHT__34_KV_TB1 80719	70.37 -1.95 0.00	70.29 -2.32 0.00	69.64 -2.53 0.00	69.49 -2.75 0.00	70.08 -2.24 0.00	70.22 -2.02 0.00	79.98 -3.07 0.00	129.35 -7.29 3.49	125.02 -6.83 2.15	96.98 -3.94 -2.33	104.77 -5.28 -2.32	102.26 -5.15 -2.34	87.35 -3.76 -3.76	77.13 -2.41 -6.55	75.30 -2.62 -5.02	75.01 -3.20 -3.84	72.56 -3.42 -3.97	74.89 -3.42 -5.50	74.37 -3.42 -5.05	70.14 -3.92 -1.54	67.38 -3.98 1.07	67.30 -3.84 0.01	63.23 -3.33 0.00	59.24 -3.05 0.00
SOUTH CAIRO___GT 23612	110.60 5.64 -32.64	97.64 5.88 -19.14	97.34 5.77 -19.40	97.32 5.71 -19.37	107.75 5.71 -29.71	97.70 6.00 -19.46	122.16 6.48 -32.63	179.79 8.97 -30.69	175.95 8.31 -33.63	163.46 6.11 -58.76	148.52 6.25 -34.56	142.33 6.20 -31.07	138.67 5.07 -46.25	136.90 4.23 -59.69	126.32 4.52 -48.89	119.97 4.46 -41.14	124.36 4.50 -47.35	136.33 4.51 -59.00	131.39 4.51 -54.14	122.30 4.35 -45.44	85.64 4.06 -9.15	85.70 3.98 -10.57	71.01 4.46 0.00	69.64 3.99 -3.36
SOUTH HAMPTN___IC 23720	140.14 7.66 -60.15	126.28 7.84 -45.82	125.65 7.29 -46.20	118.86 7.15 -39.47	124.65 7.16 -45.17	144.57 7.22 -65.10	151.56 9.22 -59.28	164.31 15.55 -8.62	185.44 15.67 -35.77	171.07 12.32 -60.16	153.41 12.38 -33.31	152.18 12.50 -34.62	149.69 10.39 -51.95	149.53 8.75 -67.80	145.28 8.67 -63.70	145.89 9.07 -62.45	150.91 8.77 -69.63	230.41 9.17 -148.42	227.68 9.02 -145.93	218.79 8.77 -137.51	145.65 8.47 -64.75	127.56 7.83 -48.58	108.86 7.05 -35.26	91.00 6.29 -22.42
SOUTHDOW_115KV_TB1 355954	73.76 -0.80 -2.23	72.33 -1.60 -1.31	71.25 -2.24 -1.33	70.31 -3.25 -1.32	72.04 -2.31 -2.03	71.84 -1.73 -1.33	81.63 -3.65 -2.23	126.63 -10.93 2.58	123.10 -10.32 0.59	97.45 -6.41 -5.27	102.69 -8.62 -3.59	100.15 -8.30 -3.38	84.48 -7.25 -4.38	75.60 -6.06 -8.67	71.43 -6.42 -4.94	70.80 -6.25 -2.68	68.66 -6.53 -2.68	70.31 -6.33 -3.83	70.00 -6.26 -3.52	65.91 -6.31 0.29	63.75 -6.30 2.38	65.37 -6.47 -0.70	61.30 -5.26 0.00	58.16 -4.36 -0.23
SOUTHOLD_69_KV_BK 2 55809	141.44 8.97 -60.15	127.52 9.08 -45.82	126.96 8.59 -46.20	119.94 8.24 -39.47	125.66 8.17 -45.17	145.36 8.02 -65.10	152.39 10.05 -59.28	165.43 16.68 -8.62	186.13 16.35 -35.77	171.57 12.82 -60.17	153.42 12.39 -33.31	152.08 12.40 -34.62	149.70 10.39 -51.95	149.54 8.76 -67.80	145.29 8.68 -63.70	145.89 9.07 -62.45	150.91 8.77 -69.63	230.45 9.17 -148.46	227.80 9.09 -145.97	218.84 8.77 -137.55	132.69 8.47 -51.78	127.41 7.68 -48.58	108.67 6.86 -35.26	91.07 6.35 -22.42
SOUTHOLD___IC 23719	141.44 8.97 -60.15	127.52 9.08 -45.82	126.95 8.58 -46.20	120.01 8.30 -39.47	125.66 8.17 -45.17	145.36 8.02 -65.10	152.38 10.05 -59.28	165.42 16.67 -8.62	186.12 16.34 -35.77	171.57 12.81 -60.17	153.41 12.38 -33.31	152.07 12.39 -34.62	149.69 10.39 -51.95	149.46 8.68 -67.80	145.28 8.67 -63.70	145.81 9.00 -62.45	150.91 8.77 -69.63	230.52 9.25 -148.46	227.80 9.09 -145.97	218.83 8.77 -137.55	145.58 8.40 -64.75	127.42 7.69 -48.58	108.67 6.86 -35.26	91.07 6.36 -22.42
SOUTH_FORK_WT_PWR 323839	141.59 9.11 -60.15	127.66 9.22 -45.82	127.10 8.73 -46.20	120.08 8.38 -39.47	125.66 8.17 -45.17	145.22 7.88 -65.10	152.05 9.71 -59.28	164.45 15.69 -8.62	185.05 15.27 -35.77	170.78 12.02 -60.16	152.13 11.10 -33.31	150.81 11.13 -34.62	148.56 9.25 -51.95	148.59 7.81 -67.80	144.33 7.72 -63.70	144.93 8.11 -62.45	150.04 7.91 -69.63	229.62 8.37 -148.44	226.83 8.14 -145.95	217.87 7.83 -137.53	144.72 7.53 -64.75	126.49 6.76 -48.58	107.80 5.99 -35.26	90.44 5.73 -22.42
SPIERFLS_115KV_TB 1 80737	177.25 6.22 -98.71	136.75 6.24 -57.89	136.99 6.13 -58.69	136.89 6.07 -58.59	168.34 6.15 -89.87	135.65 4.55 -58.85	187.31 5.56 -98.69	242.21 9.25 -92.83	244.85 9.11 -101.73	259.39 7.00 -153.80	195.86 7.54 -80.60	182.14 7.25 -69.83	179.45 5.77 -86.34	153.25 4.82 -75.45	130.74 4.67 -53.17	123.94 4.83 -44.74	132.10 4.86 -54.73	141.85 4.88 -64.16	136.48 4.87 -58.87	132.91 4.64 -55.76	99.18 6.16 -20.59	109.10 5.98 -31.98	72.14 5.59 0.00	77.55 5.11 -10.15
ST LAWRENCE____ 23600	71.96 -0.36 0.00	71.96 -0.65 0.00	71.95 -0.22 0.00	71.95 -0.29 0.00	71.96 -0.36 0.00	71.96 -0.29 0.00	82.56 -0.50 0.00	140.13 0.00 0.00	133.34 -0.67 0.00	97.21 -1.38 0.00	106.75 -0.97 0.00	103.81 -1.26 0.00	86.13 -1.22 0.00	71.74 -1.24 0.00	71.74 -1.17 0.00	73.26 -1.11 0.00	71.72 -0.80 0.00	71.64 -1.17 0.00	71.65 -1.09 0.00	71.57 -0.94 0.00	71.57 -0.87 0.00	70.51 -0.64 0.00	65.82 -0.73 0.00	61.73 -0.56 0.00
STATE_CA_115KV_115_LB 55624	138.30 2.89 -63.08	112.81 3.20 -37.00	112.70 3.03 -37.50	112.64 2.96 -37.44	132.72 2.97 -57.43	112.89 3.03 -37.61	149.28 3.16 -63.07	204.22 4.76 -59.32	203.97 4.96 -65.01	205.53 4.14 -102.80	168.15 4.42 -56.02	158.86 4.62 -49.18	156.56 3.93 -65.28	144.40 3.36 -68.06	128.20 3.43 -51.87	121.14 3.12 -43.64	127.10 2.90 -51.69	138.10 2.69 -62.59	132.93 2.76 -57.43	126.47 2.90 -51.06	89.68 2.75 -14.49	94.22 2.63 -20.44	69.08 2.53 0.00	71.40 2.62 -6.49

STATE_ST_34_KV_LOAD 55959	71.60 -0.72 0.00	71.74 -0.87 0.00	71.08 -1.08 0.00	71.01 -1.23 0.00	71.45 -0.87 0.00	71.53 -0.72 0.00	82.06 -1.00 0.00	136.19 -2.94 1.00	130.85 -2.55 0.62	99.79 -1.28 -2.48	108.16 -2.05 -2.49	105.56 -2.00 -2.49	90.82 -1.40 -4.87	79.55 -0.80 -7.37	79.11 -0.95 -7.15	79.70 -1.12 -6.44	78.22 -1.38 -7.09	81.04 -1.02 -9.25	80.13 -1.09 -8.48	77.17 -1.31 -5.96	71.87 -1.38 -0.81	69.59 -1.57 -0.01	65.22 -1.33 0.00	60.92 -1.37 0.00
STATION_5_MISC_HYD 23604	70.00 -2.32 0.00	69.86 -2.76 0.00	69.20 -2.96 0.00	69.42 -2.82 0.00	69.57 -2.75 0.00	69.79 -2.46 0.00	78.90 -4.15 0.00	125.77 -9.95 4.42	121.63 -9.65 2.72	95.36 -5.62 -2.39	102.77 -7.33 -2.37	100.43 -7.04 -2.40	85.53 -5.33 -3.51	76.00 -3.50 -6.52	73.61 -3.72 -4.42	72.99 -4.39 -3.01	70.19 -5.29 -2.97	72.46 -4.66 -4.31	72.04 -4.66 -3.96	67.20 -5.37 -0.05	67.18 -5.36 -0.10	66.09 -5.05 0.01	62.36 -4.19 0.00	58.62 -3.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	71.16 -1.16 0.00	71.09 -1.52 0.00	70.36 -1.80 0.00	70.14 -2.09 0.00	70.80 -1.52 0.00	71.02 -1.23 0.00	80.73 -2.33 0.00	130.02 -6.31 3.81	125.76 -5.90 2.35	97.82 -3.15 -2.38	105.57 -4.52 -2.37	103.15 -4.31 -2.40	87.71 -3.14 -3.51	77.59 -1.90 -6.51	75.28 -2.04 -4.41	74.70 -2.68 -3.01	72.29 -3.26 -3.04	74.35 -2.77 -4.30	73.85 -2.84 -3.95	69.75 -3.26 -0.50	67.58 -3.33 1.52	67.86 -3.27 0.01	63.83 -2.73 0.00	59.74 -2.55 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	69.72 -2.60 0.00	69.56 -3.05 0.00	68.92 -3.25 0.00	68.63 -3.61 0.00	69.28 -3.04 0.00	69.50 -2.75 0.00	78.65 -4.40 0.00	125.68 -10.09 4.37	121.53 -9.78 2.69	95.14 -5.82 -2.36	102.64 -7.43 -2.35	100.30 -7.14 -2.38	85.43 -5.42 -3.49	75.81 -3.65 -6.48	73.53 -3.79 -4.41	72.78 -4.61 -3.02	70.06 -5.44 -2.98	72.25 -4.88 -4.32	71.83 -4.87 -3.97	67.17 -5.44 -0.10	65.20 -5.50 1.73	65.94 -5.19 0.01	62.16 -4.39 0.00	58.31 -3.99 0.00
STA_56___34_KV_BUS2 355983	69.72 -2.60 0.00	69.56 -3.05 0.00	68.92 -3.25 0.00	68.63 -3.61 0.00	69.28 -3.04 0.00	69.50 -2.75 0.00	78.65 -4.40 0.00	125.68 -10.09 4.37	121.53 -9.78 2.69	95.14 -5.82 -2.36	102.64 -7.43 -2.35	100.30 -7.14 -2.38	85.43 -5.42 -3.49	75.81 -3.65 -6.48	73.53 -3.79 -4.41	72.78 -4.61 -3.02	70.06 -5.44 -2.98	72.25 -4.88 -4.32	71.83 -4.87 -3.97	67.17 -5.44 -0.10	65.20 -5.50 1.73	65.94 -5.19 0.01	62.16 -4.39 0.00	58.31 -3.99 0.00
STA_67___115KV_BK2 355882	69.86 -2.46 0.00	69.71 -2.90 0.00	68.99 -3.18 0.00	68.70 -3.54 0.00	69.43 -2.89 0.00	69.65 -2.60 0.00	78.74 -4.32 0.00	125.34 -10.37 4.42	121.37 -9.92 2.73	95.15 -5.82 -2.38	102.44 -7.65 -2.37	100.11 -7.35 -2.39	85.35 -5.50 -3.51	75.84 -3.65 -6.51	73.46 -3.86 -4.42	72.69 -4.69 -3.01	69.97 -5.51 -2.97	72.10 -5.02 -4.31	71.75 -4.95 -3.96	66.98 -5.58 -0.05	65.10 -5.58 1.76	65.94 -5.19 0.01	62.16 -4.39 0.00	58.37 -3.92 0.00
STA_7___115KV_9TRANS 80674	70.37 -1.95 0.00	70.22 -2.40 0.00	69.50 -2.67 0.00	69.20 -3.03 0.00	69.93 -2.39 0.00	70.15 -2.10 0.00	79.23 -3.82 0.00	126.33 -9.39 4.42	122.17 -9.11 2.72	95.84 -5.13 -2.38	103.30 -6.79 -2.37	100.95 -6.51 -2.40	86.05 -4.80 -3.51	76.51 -2.99 -6.52	74.12 -3.21 -4.42	73.36 -4.02 -3.01	70.62 -4.86 -2.97	72.75 -4.37 -4.31	72.40 -4.29 -3.96	67.64 -4.93 -0.05	65.68 -5.00 1.76	66.51 -4.62 0.01	62.69 -3.86 0.00	58.81 -3.49 0.00
STA_82___115KV_TB1 80780	69.86 -2.46 0.00	69.71 -2.90 0.00	69.06 -3.10 0.00	68.77 -3.47 0.00	69.43 -2.89 0.00	69.65 -2.60 0.00	78.74 -4.32 0.00	125.51 -10.23 4.40	121.38 -9.92 2.71	95.16 -5.82 -2.39	102.45 -7.65 -2.38	100.22 -7.25 -2.41	85.36 -5.50 -3.52	75.87 -3.65 -6.54	73.55 -3.79 -4.43	72.69 -4.69 -3.01	69.98 -5.51 -2.97	72.17 -4.95 -4.31	71.75 -4.95 -3.96	67.07 -5.51 -0.07	65.10 -5.58 1.75	65.94 -5.19 0.01	62.16 -4.39 0.00	58.37 -3.92 0.00
STEEL___WIND 323596	69.50 -2.82 0.00	69.06 -3.56 0.00	68.20 -3.97 0.00	68.26 -3.97 0.00	68.34 -3.98 0.00	68.64 -3.61 0.00	76.82 -6.23 0.00	119.55 -15.98 4.61	115.88 -15.28 2.84	92.26 -9.46 -3.14	98.67 -12.17 -3.12	96.56 -11.67 -3.16	81.78 -9.78 -4.21	73.37 -7.81 -8.20	69.70 -8.10 -4.88	68.88 -8.33 -2.84	66.50 -8.85 -2.83	68.27 -8.59 -4.06	67.95 -8.51 -3.72	63.61 -8.78 0.13	63.85 -8.77 -0.18	62.80 -8.32 0.02	59.70 -6.85 0.00	56.75 -5.54 0.00
STEPHTWN_115KV_BK_2 55603	121.57 3.54 -45.71	103.27 3.85 -26.81	102.95 3.61 -27.17	102.98 3.61 -27.13	117.55 3.62 -41.62	103.26 3.76 -27.25	132.82 4.07 -45.70	189.28 6.17 -42.98	187.41 6.30 -47.10	181.66 5.13 -77.95	157.16 5.39 -44.05	149.76 5.57 -39.13	147.12 4.72 -55.05	141.38 3.87 -64.53	128.21 4.01 -51.29	121.25 3.72 -43.16	126.32 3.55 -50.26	138.06 3.35 -61.90	132.95 3.42 -56.79	124.81 3.48 -48.82	87.22 3.26 -11.52	89.16 3.20 -14.81	69.62 3.06 0.00	70.17 3.18 -4.70
STEUBEN_REC_LFGE 323667	74.19 -0.87 -2.74	72.63 -1.60 -1.61	71.56 -2.24 -1.63	70.83 -3.03 -1.63	72.29 -2.53 -2.50	71.57 -2.31 -1.63	82.06 -3.74 -2.74	125.26 -10.51 4.36	122.49 -10.05 1.47	98.73 -6.31 -6.45	104.21 -7.86 -4.36	101.53 -7.67 -4.14	84.41 -5.77 -2.83	77.61 -4.38 -9.00	69.07 -4.45 -0.61	66.17 -4.61 3.59	63.35 -4.86 4.30	63.18 -4.44 5.19	63.25 -4.73 4.76	59.11 -5.44 7.97	61.07 -5.50 5.86	66.21 -5.76 -0.83	61.50 -5.06 0.00	57.90 -4.67 -0.28
STILLWATER___SOLAR 323814	171.90 4.92 -94.66	133.21 5.08 -55.51	133.35 4.91 -56.27	133.33 4.91 -56.18	163.49 4.99 -86.18	133.16 4.48 -56.44	183.08 5.40 -94.63	237.98 8.83 -89.01	240.26 8.71 -97.55	253.37 6.80 -147.99	192.73 7.22 -77.79	179.78 7.24 -67.47	177.09 5.85 -83.89	152.34 4.89 -74.47	130.61 4.81 -52.89	123.78 4.91 -44.50	131.63 4.86 -54.26	141.51 4.88 -63.82	136.17 4.87 -58.56	132.41 4.78 -55.11	113.77 5.14 -36.20	106.72 4.91 -30.67	71.14 4.59 0.00	76.20 4.17 -9.73
STONY___BROOK 24151	139.20 6.73 -60.15	125.26 6.82 -45.82	124.72 6.35 -46.20	117.99 6.28 -39.47	123.78 6.29 -45.17	143.92 6.57 -65.10	150.83 8.48 -59.30	163.61 14.85 -8.63	188.20 15.40 -38.79	173.18 12.22 -62.36	153.64 12.60 -33.32	152.30 12.60 -34.63	149.79 10.48 -51.96	149.62 8.83 -67.81	145.37 8.75 -63.71	145.97 9.14 -62.46	151.06 8.92 -69.64	249.87 9.03 -168.03	247.30 9.02 -165.54	237.70 9.06 -156.12	145.81 8.62 -64.76	127.63 7.90 -48.58	109.00 7.19 -35.26	91.00 6.29 -22.42
STURGEON_POOL_HYD 23609	88.63 2.75 -13.56	83.62 3.05 -7.95	82.90 2.67 -8.06	82.96 2.67 -8.05	87.41 2.75 -12.34	83.22 2.89 -8.08	100.60 3.99 -13.55	159.33 6.45 -12.75	154.68 6.70 -13.97	134.50 5.72 -30.19	133.67 5.82 -20.14	129.79 5.99 -18.74	124.46 4.98 -32.13	127.25 4.16 -50.11	120.19 4.16 -43.13	115.05 4.39 -36.29	117.77 4.28 -40.98	129.37 4.51 -52.04	124.93 4.44 -47.75	115.27 4.21 -38.55	81.92 3.98 -5.51	79.10 3.56 -4.39	70.15 3.59 0.00	66.49 2.80 -1.39
ST_LAW_115_BK7_LBMP 345037	71.96 -0.36 0.00	71.96 -0.65 0.00	71.95 -0.22 0.00	71.95 -0.29 0.00	71.96 -0.36 0.00	72.03 -0.22 0.00	82.56 -0.50 0.00	140.13 0.00 0.00	133.34 -0.67 0.00	97.11 -1.48 0.00	106.75 -0.97 0.00	103.81 -1.26 0.00	86.13 -1.22 0.00	71.74 -1.24 0.00	71.67 -1.24 0.00	73.18 -1.19 0.00	71.72 -0.80 0.00	71.64 -1.17 0.00	71.65 -1.09 0.00	71.57 -0.94 0.00	71.57 -0.87 0.00	70.51 -0.64 0.00	65.82 -0.73 0.00	61.73 -0.56 0.00

ST_LAW_115_BK8_LBMP 345038	71.96 -0.36 0.00	71.96 -0.65 0.00	71.95 -0.22 0.00	71.95 -0.29 0.00	71.96 -0.36 0.00	72.03 -0.22 0.00	82.56 -0.50 0.00	140.13 0.00 0.00	133.34 -0.67 0.00	97.11 -1.48 0.00	106.75 -0.97 0.00	103.81 -1.26 0.00	86.13 -1.22 0.00	71.74 -1.24 0.00	71.67 -1.24 0.00	73.18 -1.19 0.00	71.72 -0.80 0.00	71.64 -1.17 0.00	71.65 -1.09 0.00	71.57 -0.94 0.00	71.57 -0.87 0.00	70.51 -0.64 0.00	65.82 -0.73 0.00	61.73 -0.56 0.00
ST_LAW_230_BK5_LBMP 345035	71.96 -0.36 0.00	71.96 -0.65 0.00	71.95 -0.22 0.00	71.95 -0.29 0.00	71.96 -0.36 0.00	71.96 -0.29 0.00	82.56 -0.50 0.00	140.13 0.00 0.00	133.34 -0.67 0.00	97.21 -1.38 0.00	106.75 -0.97 0.00	103.81 -1.26 0.00	86.13 -1.22 0.00	71.74 -1.24 0.00	71.74 -1.17 0.00	73.26 -1.11 0.00	71.72 -0.80 0.00	71.64 -1.17 0.00	71.65 -1.09 0.00	71.57 -0.94 0.00	71.57 -0.87 0.00	70.51 -0.64 0.00	65.82 -0.73 0.00	61.73 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	71.96 -0.36 0.00	71.96 -0.65 0.00	71.95 -0.22 0.00	71.95 -0.29 0.00	71.96 -0.36 0.00	71.96 -0.29 0.00	82.56 -0.50 0.00	140.13 0.00 0.00	133.34 -0.67 0.00	97.21 -1.38 0.00	106.75 -0.97 0.00	103.81 -1.26 0.00	86.13 -1.22 0.00	71.74 -1.24 0.00	71.74 -1.17 0.00	73.26 -1.11 0.00	71.72 -0.80 0.00	71.64 -1.17 0.00	71.65 -1.09 0.00	71.57 -0.94 0.00	71.57 -0.87 0.00	70.51 -0.64 0.00	65.82 -0.73 0.00	61.73 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	83.33 2.53 -8.48	80.42 2.83 -4.98	79.59 2.38 -5.04	79.66 2.38 -5.03	82.50 2.46 -7.72	79.91 2.60 -5.06	95.11 3.57 -8.48	154.14 6.03 -7.98	149.18 6.43 -8.74	126.04 5.42 -22.03	129.06 5.60 -15.74	125.74 5.78 -14.89	119.26 4.80 -27.11	122.14 4.09 -45.07	116.26 4.01 -39.34	111.71 4.24 -33.10	113.76 4.06 -37.19	124.58 4.30 -47.48	120.52 4.22 -43.56	111.28 3.99 -34.78	80.65 3.84 -4.37	77.31 3.42 -2.75	69.75 3.19 0.00	65.91 2.74 -0.87
SWANROAD_115KV_TB1 355699	67.04 -5.28 0.00	66.66 -5.95 0.00	65.82 -6.35 0.00	65.23 -7.01 0.00	66.17 -6.15 0.00	66.40 -5.85 0.00	74.00 -9.05 0.00	114.83 -20.74 4.56	111.09 -20.10 2.81	88.49 -13.01 -2.92	94.46 -16.16 -2.90	92.45 -15.55 -2.93	78.78 -12.58 -4.01	71.20 -9.49 -7.71	68.13 -9.55 -4.77	67.92 -9.37 -2.92	64.76 -10.66 -2.91	66.95 -10.05 -4.19	66.62 -9.97 -3.84	61.22 -11.24 0.06	58.99 -11.37 2.07	60.67 -10.46 0.02	57.84 -8.72 0.00	54.76 -7.54 0.00
SYNERGY___BIOGAS 323694	70.15 -2.17 0.00	69.78 -2.83 0.00	68.92 -3.25 0.00	69.13 -3.10 0.00	69.35 -2.97 0.00	69.72 -2.53 0.00	78.07 -4.98 0.00	122.89 -12.75 4.49	118.78 -12.46 2.77	93.80 -7.50 -2.71	100.51 -9.91 -2.70	98.13 -9.66 -2.73	83.57 -7.60 -3.82	74.83 -5.40 -7.24	72.00 -5.54 -4.63	71.68 -5.66 -2.96	68.71 -6.74 -2.94	70.95 -6.12 -4.25	70.68 -5.96 -3.90	65.55 -7.02 0.01	65.55 -7.02 -0.15	64.66 -6.47 0.01	61.29 -5.26 0.00	57.93 -4.36 0.00
SYRACUSE___ENERGY_ST1 323597	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.59 -1.66 0.00	80.98 -2.08 0.00	134.42 -4.48 1.23	129.23 -4.02 0.76	96.12 -2.46 0.00	104.70 -3.02 0.00	102.03 -3.05 -0.01	86.68 -2.27 -1.60	76.69 -1.61 -5.31	76.29 -1.75 -5.13	76.75 -1.93 -4.32	74.87 -2.18 -4.53	77.11 -1.89 -6.19	76.45 -1.96 -5.68	73.69 -2.10 -3.28	69.79 -2.17 0.47	68.94 -2.21 0.00	64.56 -2.00 0.00	60.36 -1.93 0.00
SYRACUSE___ENERGY_ST2 323598	70.66 -1.66 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.59 -1.66 0.00	80.98 -2.08 0.00	134.42 -4.48 1.23	129.23 -4.02 0.76	96.12 -2.46 0.00	104.70 -3.02 0.00	102.03 -3.05 -0.01	86.68 -2.27 -1.60	76.69 -1.61 -5.31	76.29 -1.75 -5.13	76.75 -1.93 -4.32	74.87 -2.18 -4.53	77.11 -1.89 -6.19	76.45 -1.96 -5.68	73.69 -2.10 -3.28	69.79 -2.17 0.47	68.94 -2.21 0.00	64.56 -2.00 0.00	60.36 -1.93 0.00
SYRACUSE___POWER 24017	70.95 -1.37 0.00	71.16 -1.45 0.00	70.51 -1.66 0.00	70.50 -1.73 0.00	70.80 -1.52 0.00	70.88 -1.37 0.00	81.31 -1.74 0.00	134.81 -3.78 1.54	129.71 -3.35 0.94	98.68 -1.97 -2.06	107.20 -2.59 -2.06	104.62 -2.52 -2.07	89.54 -1.83 -4.02	77.92 -1.31 -6.26	77.47 -1.39 -5.94	78.10 -1.56 -5.29	76.44 -1.81 -5.74	78.80 -1.60 -7.59	78.03 -1.67 -6.96	75.07 -1.81 -4.37	70.88 -1.88 -0.33	69.16 -1.99 0.00	64.76 -1.80 0.00	60.55 -1.74 0.00
TALLMAN___138KV_BK151 55660	83.64 2.60 -8.72	80.56 2.83 -5.11	79.73 2.38 -5.18	79.80 2.38 -5.18	82.72 2.46 -7.94	80.12 2.67 -5.20	95.51 3.74 -8.72	154.92 6.59 -8.20	149.96 6.97 -8.99	127.13 5.92 -22.63	129.91 6.03 -16.16	126.66 6.30 -15.29	120.51 5.33 -27.83	123.70 4.45 -46.26	117.67 4.37 -40.38	112.96 4.61 -33.98	115.11 4.42 -38.17	126.21 4.66 -48.73	122.04 4.58 -44.72	112.57 4.35 -35.71	81.13 4.20 -4.49	77.67 3.70 -2.83	70.01 3.46 0.00	66.18 2.99 -0.90
TEALLAVE_115KV_TB7 355573	70.58 -1.74 0.00	70.80 -1.82 0.00	70.22 -1.95 0.00	70.14 -2.09 0.00	70.51 -1.81 0.00	70.51 -1.73 0.00	80.90 -2.16 0.00	133.40 -4.62 2.11	128.56 -4.15 1.30	96.12 -2.46 0.00	104.60 -3.12 0.00	102.03 -3.05 -0.01	86.50 -2.27 -1.43	76.10 -1.61 -4.72	75.72 -1.75 -4.56	76.27 -1.93 -3.84	74.18 -2.25 -3.91	76.35 -1.97 -5.50	75.75 -2.04 -5.05	72.43 -2.25 -2.16	69.31 -2.32 0.81	68.80 -2.35 0.00	64.42 -2.13 0.00	60.24 -2.06 0.00
TELGRAPH_34_KV_EAST 80808	68.78 -3.54 0.00	68.40 -4.21 0.00	67.55 -4.62 0.00	66.96 -5.27 0.00	67.91 -4.41 0.00	68.20 -4.05 0.00	76.24 -6.81 0.00	119.22 -16.40 4.52	115.41 -15.81 2.79	91.42 -9.96 -2.79	97.78 -12.71 -2.77	95.68 -12.19 -2.80	81.54 -9.70 -3.89	73.24 -7.15 -7.41	70.30 -7.29 -4.68	69.88 -7.44 -2.95	66.88 -8.56 -2.93	69.11 -7.94 -4.23	68.69 -7.93 -3.88	63.56 -8.92 0.03	61.53 -8.91 1.99	62.95 -8.18 0.01	59.77 -6.79 0.00	56.50 -5.79 0.00
TEMPLE___115KV_TB 2 55572	70.58 -1.74 0.00	70.87 -1.74 0.00	70.22 -1.95 0.00	70.22 -2.02 0.00	70.51 -1.81 0.00	70.51 -1.73 0.00	80.98 -2.08 0.00	133.52 -4.48 2.13	128.68 -4.02 1.31	96.22 -2.37 0.00	104.70 -3.02 0.00	102.13 -2.94 -0.01	86.52 -2.27 -1.44	76.16 -1.61 -4.78	75.85 -1.68 -4.62	76.32 -1.93 -3.88	74.30 -2.18 -3.96	76.41 -1.97 -5.57	75.81 -2.04 -5.11	72.46 -2.25 -2.19	69.37 -2.25 0.82	68.80 -2.35 0.00	64.49 -2.06 0.00	60.30 -1.99 0.00
TIANA____69_KV_BK 1 55817	139.85 7.38 -60.15	125.99 7.55 -45.82	125.37 7.00 -46.20	118.50 6.79 -39.47	124.36 6.87 -45.17	144.35 7.01 -65.10	151.39 9.05 -59.28	164.17 15.41 -8.62	185.32 15.54 -35.77	170.98 12.22 -60.16	153.53 12.50 -33.31	152.19 12.50 -34.62	149.78 10.48 -51.95	149.54 8.76 -67.80	145.36 8.75 -63.70	145.97 9.15 -62.45	150.98 8.85 -69.63	230.44 9.17 -148.45	227.79 9.09 -145.96	218.90 8.85 -137.54	132.83 8.62 -51.78	127.63 7.90 -48.58	109.00 7.19 -35.26	91.07 6.35 -22.42
TILDEN___115KV_TB1 80814	70.95 -1.37 0.00	71.16 -1.45 0.00	70.51 -1.66 0.00	70.50 -1.73 0.00	70.80 -1.52 0.00	70.88 -1.37 0.00	81.31 -1.74 0.00	134.81 -3.78 1.54	129.71 -3.35 0.94	98.68 -1.97 -2.06	107.20 -2.59 -2.06	104.62 -2.52 -2.07	89.54 -1.83 -4.02	77.92 -1.31 -6.26	77.47 -1.39 -5.94	78.10 -1.56 -5.29	76.44 -1.81 -5.74	78.80 -1.60 -7.59	78.03 -1.67 -6.96	75.07 -1.81 -4.37	70.88 -1.88 -0.33	69.16 -1.99 0.00	64.76 -1.80 0.00	60.55 -1.74 0.00

TRIGEN___CC 323695	136.74 4.27 -60.15	122.94 4.50 -45.82	122.41 4.04 -46.20	115.68 3.97 -39.47	121.54 4.05 -45.17	141.61 4.26 -65.10	149.03 5.65 -60.33	158.53 9.81 -8.59	170.88 10.32 -26.56	160.53 8.48 -53.46	149.83 8.83 -33.28	148.69 9.04 -34.59	146.87 7.60 -51.92	147.10 6.35 -67.77	142.85 6.27 -63.67	143.33 6.54 -62.42	148.34 6.24 -69.60	168.12 6.55 -88.76	165.47 6.47 -86.25	159.58 6.16 -80.90	130.20 6.01 -51.75	125.14 5.41 -48.58	106.93 5.12 -35.26	89.20 4.49 -22.42
TRINITY___115KV___4 BK 55933	123.97 2.68 -48.98	104.31 2.98 -28.72	104.10 2.81 -29.12	104.05 2.75 -29.07	119.73 2.82 -44.59	104.19 2.75 -29.20	134.92 2.91 -48.96	190.39 4.20 -46.06	188.90 4.42 -50.47	184.96 3.75 -82.62	158.01 3.99 -46.30	150.29 4.20 -41.02	147.91 3.58 -56.98	141.24 3.07 -65.20	127.45 3.14 -51.40	120.45 2.83 -43.25	125.65 2.61 -50.53	137.32 2.48 -62.03	132.13 2.47 -56.92	124.44 2.68 -49.24	87.05 2.54 -12.08	89.50 2.49 -15.87	68.95 2.40 0.00	69.82 2.49 -5.04
UNION___PROCESSING_DRP 323587	69.93 -2.39 0.00	69.78 -2.83 0.00	69.06 -3.10 0.00	68.77 -3.47 0.00	69.43 -2.89 0.00	69.72 -2.53 0.00	78.74 -4.32 0.00	125.52 -10.23 4.38	121.52 -9.78 2.70	95.17 -5.82 -2.39	102.56 -7.54 -2.38	100.22 -7.25 -2.41	85.37 -5.50 -3.52	75.88 -3.65 -6.54	73.55 -3.79 -4.43	72.77 -4.61 -3.01	70.05 -5.44 -2.98	72.18 -4.95 -4.32	71.75 -4.95 -3.96	67.09 -5.51 -0.08	65.11 -5.58 1.75	65.94 -5.19 0.01	62.23 -4.33 0.00	58.37 -3.92 0.00
UPPER HUDSON___HYD 24058	177.25 6.22 -98.71	136.75 6.25 -57.89	136.98 6.13 -58.69	136.96 6.14 -58.59	168.41 6.22 -89.87	135.66 4.55 -58.85	187.31 5.57 -98.69	242.21 9.25 -92.83	244.85 9.12 -101.73	259.39 7.00 -153.80	195.85 7.54 -80.60	182.14 7.24 -69.83	179.45 5.76 -86.34	153.25 4.82 -75.45	130.75 4.67 -53.17	123.94 4.83 -44.74	132.03 4.78 -54.73	141.85 4.88 -64.16	136.48 4.87 -58.87	132.91 4.64 -55.76	115.50 6.09 -36.98	109.10 5.98 -31.98	72.15 5.59 0.00	77.55 5.11 -10.15
UPPER RAQUET___HYD 24056	73.33 1.01 0.00	73.27 0.65 0.00	73.39 1.23 0.00	73.32 1.09 0.00	73.12 0.80 0.00	73.18 0.94 0.00	83.22 0.17 0.00	140.84 0.70 0.00	134.01 0.00 0.00	97.70 -0.89 0.00	108.04 0.32 0.00	104.96 -0.10 0.00	87.23 -0.35 -0.23	73.36 -0.36 -0.75	73.27 -0.36 -0.72	74.23 -0.74 -0.61	72.51 -0.65 -0.66	72.73 -0.95 -0.87	72.67 -0.87 -0.80	72.23 -0.87 -0.59	71.86 -0.80 -0.22	70.72 -0.42 0.00	66.29 -0.27 0.00	62.42 0.12 0.00
VALLEY44_115KV_TB2 355964	72.03 -2.60 -2.32	70.85 -3.12 -1.36	69.93 -3.61 -1.38	69.28 -4.33 -1.37	70.74 -3.69 -2.11	70.23 -3.40 -1.38	79.97 -5.40 -2.32	124.49 -13.17 2.47	121.46 -12.06 0.49	96.08 -7.99 -5.47	101.22 -10.23 -3.73	98.81 -9.77 -3.52	82.63 -9.26 -4.54	73.44 -8.54 -8.99	69.27 -8.75 -5.11	69.02 -8.11 -2.76	67.96 -7.32 -2.78	69.25 -7.50 -3.94	68.87 -6.89 -3.62	65.45 -6.89 0.18	63.22 -6.81 2.40	64.62 -7.26 -0.73	60.50 -6.06 0.00	57.30 -5.23 -0.24
VALLEY___115KV_TB 1-4 80826	75.43 3.11 0.00	75.23 2.61 0.00	73.97 1.80 0.00	73.39 1.16 0.00	73.19 0.87 0.00	73.04 0.79 0.00	83.89 0.83 0.00	141.39 1.26 0.00	135.62 1.61 0.00	100.07 1.48 0.00	109.55 1.83 0.00	107.06 2.00 0.00	89.27 1.92 0.00	74.88 1.90 0.00	75.02 2.11 0.00	76.68 2.31 0.00	74.98 2.47 0.00	75.50 2.69 0.00	75.36 2.62 0.00	74.76 2.25 0.00	74.24 1.81 0.00	72.71 1.57 0.00	67.75 1.20 0.00	63.23 0.93 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	90.75 4.99 -13.44	85.87 5.37 -7.88	85.21 5.05 -7.99	85.13 4.91 -7.98	89.55 4.99 -12.24	85.32 5.06 -8.02	102.39 5.90 -13.44	161.68 9.67 -11.87	157.30 9.92 -13.38	131.72 7.79 -25.34	131.38 8.29 -15.37	127.09 8.09 -13.93	113.66 6.64 -19.67	101.73 5.55 -23.20	96.79 5.40 -18.48	95.42 5.50 -15.55	95.59 5.08 -18.01	100.43 5.32 -22.30	98.51 5.31 -20.46	94.65 5.15 -16.99	81.31 5.07 -3.81	80.06 4.55 -4.36	70.75 4.19 0.00	67.48 3.80 -1.38
VISCHER___FERRY HYD 24020	157.15 3.90 -80.93	124.21 4.14 -47.46	124.17 3.89 -48.11	124.17 3.90 -48.03	149.98 3.97 -73.68	124.33 3.83 -48.25	168.53 4.56 -80.91	223.52 7.28 -76.10	224.77 7.37 -83.40	232.71 5.82 -128.31	182.26 6.25 -68.29	170.85 6.30 -59.48	168.24 5.24 -75.65	148.64 4.38 -71.28	129.28 4.30 -52.07	122.57 4.39 -43.81	129.58 4.28 -52.79	139.94 4.29 -62.83	134.68 4.29 -57.65	129.82 4.28 -53.03	110.36 4.35 -33.58	101.42 4.05 -26.22	70.41 3.86 0.00	74.16 3.55 -8.32
V_A_10_SYNC_DSASP 323832	68.27 -4.05 0.00	68.04 -4.57 0.00	67.26 -4.91 0.00	67.61 -4.62 0.00	67.77 -4.55 0.00	67.91 -4.33 0.00	76.16 -6.89 0.00	119.59 -15.98 4.56	115.51 -15.68 2.81	91.47 -9.76 -2.65	98.18 -12.17 -2.63	95.96 -11.77 -2.66	82.03 -9.09 -3.77	73.60 -6.50 -7.11	70.81 -6.71 -4.61	69.84 -7.51 -2.98	66.76 -8.70 -2.95	69.14 -7.93 -4.27	68.65 -8.00 -3.92	63.70 -8.78 0.03	63.78 -8.77 -0.11	62.95 -8.18 0.01	59.76 -6.79 0.00	56.50 -5.79 0.00
V_CMM_10_SYNC_DSASP 323787	72.39 0.07 0.00	72.40 -0.22 0.00	72.38 0.22 0.00	72.38 0.14 0.00	72.39 0.07 0.00	72.39 0.14 0.00	82.97 -0.08 0.00	140.70 0.56 0.00	133.87 -0.13 0.00	97.60 -0.99 0.00	107.18 -0.54 0.00	104.34 -0.73 0.00	86.48 -0.87 0.00	72.11 -0.87 0.00	72.04 -0.87 0.00	73.55 -0.82 0.00	72.01 -0.50 0.00	72.01 -0.80 0.00	71.94 -0.80 0.00	71.86 -0.65 0.00	71.85 -0.58 0.00	70.86 -0.28 0.00	66.09 -0.46 0.00	61.98 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	73.84 1.52 0.00	73.92 1.31 0.00	74.04 1.87 0.00	74.11 1.88 0.00	74.20 1.88 0.00	74.34 2.10 0.00	84.38 1.32 0.00	142.66 2.53 0.00	135.62 1.61 0.00	98.69 0.10 0.00	108.15 0.43 0.00	105.07 0.00 0.00	87.17 -0.17 0.00	72.69 -0.29 0.00	72.32 -0.59 0.00	73.70 -0.67 0.00	72.01 -0.50 0.00	71.86 -0.95 0.00	71.65 -1.09 0.00	71.21 -1.30 0.00	70.99 -1.45 0.00	69.73 -1.42 0.00	64.82 -1.73 0.00	61.17 -1.12 0.00
V_D_10_SYNC_DSASP 323841	72.90 0.58 0.00	72.91 0.29 0.00	72.96 0.80 0.00	72.96 0.72 0.00	72.90 0.58 0.00	72.90 0.65 0.00	83.39 0.33 0.00	141.39 1.26 0.00	134.55 0.54 0.00	98.00 -0.59 0.00	107.83 0.11 0.00	104.86 -0.21 0.00	86.91 -0.43 0.00	72.47 -0.51 0.00	72.40 -0.51 0.00	73.93 -0.44 0.00	72.37 -0.14 0.00	72.30 -0.51 0.00	72.30 -0.43 0.00	72.15 -0.36 0.00	72.14 -0.29 0.00	71.15 0.00 0.00	66.42 -0.13 0.00	62.29 0.00 0.00
V_E_10_SYNC_DSASP 323830	85.95 7.38 -6.25	83.47 7.19 -3.67	82.59 6.71 -3.72	82.52 6.57 -3.71	84.59 6.58 -5.69	83.13 7.15 -3.73	97.45 8.14 -6.25	159.77 12.88 -6.75	153.73 12.74 -6.99	121.19 9.76 -12.84	125.86 9.90 -8.23	122.27 9.66 -7.55	109.24 8.12 -13.77	97.19 6.86 -17.35	97.29 6.56 -17.82	98.17 6.92 -16.88	98.09 6.53 -19.05	104.17 7.14 -24.22	101.29 6.33 -22.22	96.93 6.02 -18.40	86.91 5.72 -8.76	78.11 4.91 -2.05	70.82 4.26 0.00	66.67 3.74 -0.64
V_F_30_NSYNC___DSASP 323816	173.78 4.99 -96.47	134.35 5.16 -56.58	134.50 4.98 -57.35	134.48 4.98 -57.26	165.14 4.99 -87.83	134.32 4.55 -57.52	184.98 5.48 -96.45	239.83 8.98 -90.72	242.27 8.84 -99.42	256.08 6.90 -150.59	194.09 7.33 -79.05	180.94 7.35 -68.53	178.28 5.94 -84.99	152.86 4.97 -74.91	130.81 4.89 -53.01	123.96 4.98 -44.61	131.84 4.86 -54.47	141.74 4.95 -63.97	136.39 4.95 -58.70	132.70 4.78 -55.40	114.12 5.14 -36.55	107.31 4.91 -31.25	71.14 4.59 0.00	76.45 4.24 -9.92

V_F_30_SYNC_DSASP 323786	137.22 2.89 -62.01	112.17 3.20 -36.36	112.06 3.03 -36.86	112.00 2.96 -36.80	131.74 2.97 -56.45	112.25 3.03 -36.97	148.20 3.16 -61.99	203.21 4.76 -58.31	202.87 4.96 -63.90	203.99 4.14 -101.26	167.41 4.42 -55.28	158.24 4.62 -48.55	155.93 3.93 -64.65	144.18 3.36 -67.84	128.17 3.43 -51.83	121.11 3.12 -43.61	127.01 2.90 -51.60	138.05 2.69 -62.55	132.89 2.76 -57.39	126.33 2.90 -50.92	89.49 2.75 -14.31	93.87 2.63 -20.09	69.08 2.53 0.00	71.29 2.62 -6.38
V_XM_10_SYNC_DSASP 323789	73.84 1.52 0.00	73.92 1.31 0.00	74.04 1.87 0.00	74.11 1.88 0.00	74.20 1.88 0.00	74.34 2.10 0.00	84.38 1.32 0.00	142.66 2.53 0.00	135.62 1.61 0.00	98.69 0.10 0.00	108.15 0.43 0.00	105.07 0.00 0.00	87.17 -0.17 0.00	72.69 -0.29 0.00	72.32 -0.59 0.00	73.70 -0.67 0.00	72.01 -0.50 0.00	71.86 -0.95 0.00	71.65 -1.09 0.00	71.21 -1.30 0.00	70.99 -1.45 0.00	69.73 -1.42 0.00	64.82 -1.73 0.00	61.17 -1.12 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	83.99 2.89 -8.78	80.88 3.12 -5.15	80.05 2.67 -5.22	80.12 2.67 -5.21	82.99 2.68 -7.99	80.37 2.89 -5.23	95.90 4.07 -8.77	155.39 7.01 -8.25	150.56 7.50 -9.04	127.67 6.31 -22.77	130.44 6.46 -16.26	127.07 6.62 -15.38	120.93 5.59 -27.99	124.18 4.67 -46.53	118.12 4.59 -40.62	113.38 4.83 -34.18	115.55 4.64 -38.39	126.70 4.88 -49.01	122.51 4.80 -44.97	112.99 4.57 -35.91	81.37 4.42 -4.52	77.90 3.91 -2.84	70.21 3.66 0.00	66.37 3.18 -0.90
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	85.07 3.62 -9.14	81.82 3.85 -5.36	80.84 3.25 -5.43	80.91 3.25 -5.42	83.96 3.33 -8.32	81.31 3.61 -5.45	97.25 5.07 -9.13	157.83 9.11 -8.59	153.07 9.65 -9.41	130.51 8.28 -23.64	132.99 8.40 -16.87	129.85 8.83 -15.96	123.71 7.34 -29.03	127.26 6.06 -48.22	120.98 5.98 -42.09	116.11 6.32 -35.41	118.32 6.02 -39.79	130.01 6.41 -50.79	125.60 6.26 -46.60	115.53 5.80 -37.21	82.70 5.58 -4.69	79.16 5.05 -2.96	71.41 4.86 0.00	67.41 4.17 -0.94
W50THST__13_KV_LOAD 356117	85.07 3.62 -9.14	81.82 3.85 -5.36	80.92 3.32 -5.43	80.98 3.32 -5.42	83.96 3.33 -8.32	81.31 3.61 -5.45	97.25 5.07 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.41	130.61 8.38 -23.64	133.10 8.51 -16.87	129.95 8.93 -15.96	123.80 7.42 -29.03	127.33 6.13 -48.22	121.05 6.05 -42.09	116.18 6.40 -35.41	118.39 6.09 -39.79	130.08 6.48 -50.79	125.67 6.33 -46.60	115.53 5.80 -37.21	82.70 5.58 -4.69	79.16 5.05 -2.96	71.41 4.86 0.00	67.41 4.17 -0.94
WADING RIVER_IC_1 23522	139.27 6.80 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	118.07 6.36 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.89 8.56 -59.28	163.33 14.57 -8.62	184.62 14.87 -35.74	170.45 11.73 -60.14	153.09 12.06 -33.31	151.76 12.08 -34.62	149.43 10.13 -51.95	149.24 8.46 -67.80	145.06 8.45 -63.70	145.66 8.85 -62.45	150.69 8.55 -69.63	229.92 8.88 -148.23	227.27 8.80 -145.73	218.39 8.55 -137.33	145.51 8.33 -64.75	127.42 7.69 -48.58	108.80 6.99 -35.26	90.82 6.11 -22.42
WADING RIVER_IC_2 23547	139.27 6.80 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	118.07 6.36 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.89 8.56 -59.28	163.33 14.57 -8.62	184.62 14.87 -35.74	170.45 11.73 -60.14	153.09 12.06 -33.31	151.76 12.08 -34.62	149.43 10.13 -51.95	149.24 8.46 -67.80	145.06 8.45 -63.70	145.66 8.85 -62.45	150.69 8.55 -69.63	229.92 8.88 -148.23	227.27 8.80 -145.73	218.39 8.55 -137.33	145.51 8.33 -64.75	127.42 7.69 -48.58	108.80 6.99 -35.26	90.82 6.11 -22.42
WADING RIVER_IC_3 23601	139.27 6.80 -60.15	125.34 6.90 -45.82	124.79 6.42 -46.20	118.07 6.36 -39.47	123.85 6.37 -45.17	143.92 6.57 -65.10	150.89 8.56 -59.28	163.33 14.57 -8.62	184.62 14.87 -35.74	170.45 11.73 -60.14	153.09 12.06 -33.31	151.76 12.08 -34.62	149.43 10.13 -51.95	149.24 8.46 -67.80	145.06 8.45 -63.70	145.66 8.85 -62.45	150.69 8.55 -69.63	229.92 8.88 -148.23	227.27 8.80 -145.73	218.39 8.55 -137.33	145.51 8.33 -64.75	127.42 7.69 -48.58	108.80 6.99 -35.26	90.82 6.11 -22.42
WALDENNY_12_KV_BK2 80841	69.50 -2.82 0.00	69.06 -3.56 0.00	68.12 -4.04 0.00	67.40 -4.84 0.00	68.34 -3.98 0.00	68.64 -3.61 0.00	76.83 -6.23 0.00	119.69 -15.84 4.60	116.02 -15.14 2.84	92.24 -9.46 -3.12	98.65 -12.17 -3.10	96.43 -11.77 -3.13	81.84 -9.70 -4.19	73.54 -7.59 -8.15	69.98 -7.80 -4.87	69.26 -7.96 -2.85	66.72 -8.63 -2.84	68.58 -8.30 -4.07	68.26 -8.22 -3.74	63.76 -8.63 0.12	61.62 -8.62 2.19	62.88 -8.25 0.02	59.77 -6.79 0.00	56.56 -5.73 0.00
WALDEN__HYDRO 24148	84.54 3.11 -9.11	81.30 3.34 -5.35	80.54 2.96 -5.42	80.61 2.96 -5.41	83.58 2.97 -8.30	80.86 3.18 -5.43	96.40 4.24 -9.11	155.71 7.01 -8.57	150.77 7.37 -9.39	127.99 6.11 -23.29	130.50 6.25 -16.53	127.09 6.41 -15.62	120.96 5.33 -28.28	124.28 4.52 -46.77	118.14 4.45 -40.78	113.37 4.69 -34.32	115.58 4.50 -38.57	126.76 4.73 -49.22	122.63 4.73 -45.16	113.03 4.42 -36.09	81.29 4.27 -4.59	77.94 3.84 -2.95	70.15 3.59 0.00	66.35 3.11 -0.94
WARRENSBURG____ 23737	177.25 6.22 -98.71	136.75 6.25 -57.89	136.98 6.13 -58.69	136.96 6.14 -58.59	168.41 6.22 -89.87	135.66 4.55 -58.85	187.31 5.57 -98.69	242.21 9.25 -92.83	244.85 9.12 -101.73	259.39 7.00 -153.80	195.85 7.54 -80.60	182.14 7.24 -69.83	179.45 5.76 -86.34	153.25 4.82 -75.45	130.75 4.67 -53.17	123.94 4.83 -44.74	132.03 4.78 -54.73	141.85 4.88 -64.16	136.48 4.87 -58.87	132.91 4.64 -55.76	115.50 6.09 -36.98	109.10 5.98 -31.98	72.15 5.59 0.00	77.55 5.11 -10.15
WATERSIDE____6 8 9 23538	84.93 3.47 -9.14	81.68 3.70 -5.36	80.70 3.10 -5.43	80.69 3.03 -5.42	83.75 3.11 -8.32	81.09 3.40 -5.45	97.09 4.90 -9.13	157.69 8.97 -8.59	152.94 9.51 -9.42	130.13 7.89 -23.66	132.68 8.08 -16.88	129.44 8.41 -15.97	123.46 7.08 -29.04	127.13 5.91 -48.23	120.85 5.83 -42.10	115.90 6.10 -35.43	118.19 5.87 -39.80	129.73 6.12 -50.81	125.39 6.04 -46.62	115.54 5.80 -37.23	82.70 5.58 -4.69	79.17 5.05 -2.97	71.41 4.86 0.00	67.47 4.24 -0.94
WATKINRD_115KV_LN8_ILLION 55919	77.31 4.99 0.00	76.90 4.28 0.00	75.49 3.32 0.00	74.69 2.46 0.00	74.34 2.02 0.00	74.27 2.02 0.00	85.30 2.24 0.00	143.64 3.50 0.00	137.63 3.62 0.00	101.64 3.06 0.00	111.38 3.66 0.00	108.85 3.78 0.00	90.84 3.49 0.00	76.27 3.28 0.00	76.48 3.57 0.00	78.24 3.87 0.00	76.57 4.06 0.00	77.25 4.44 0.00	77.10 4.36 0.00	76.36 3.84 0.00	75.69 3.26 0.00	74.06 2.92 0.00	68.95 2.40 0.00	64.29 1.99 0.00
WATSON__69_KV_BK 1 55734	139.34 6.87 -60.15	125.48 7.04 -45.82	124.86 6.49 -46.20	118.06 6.36 -39.47	123.92 6.44 -45.17	144.14 6.79 -65.10	151.21 8.80 -59.35	163.73 14.99 -8.60	180.49 15.41 -31.07	167.56 12.22 -56.74	153.73 12.71 -33.30	152.38 12.71 -34.60	149.94 10.66 -51.94	149.74 8.98 -67.78	145.56 8.97 -63.68	146.10 9.30 -62.43	151.11 8.99 -69.61	200.13 9.32 -118.00	197.47 9.24 -115.50	190.08 8.92 -108.64	132.96 8.76 -51.76	127.84 8.11 -48.58	109.26 7.45 -35.26	91.19 6.48 -22.42
WDELAWARE__HYD 323627	85.18 3.26 -9.60	81.73 3.49 -5.63	81.04 3.17 -5.71	81.19 3.25 -5.70	84.32 3.26 -8.74	81.37 3.40 -5.72	97.22 4.57 -9.60	156.30 7.14 -9.03	151.13 7.23 -9.89	127.89 5.91 -23.39	129.91 5.92 -16.27	126.35 5.99 -15.30	119.55 4.98 -27.22	121.36 4.16 -44.22	115.47 4.15 -38.41	111.07 4.39 -32.32	113.16 4.28 -36.37	123.75 4.59 -46.35	119.78 4.51 -42.53	110.81 4.20 -34.09	92.75 3.98 -16.33	77.88 3.63 -3.11	69.81 3.26 0.00	66.15 2.87 -0.99

WEST BABYLON___IC 23714	138.77 6.29 -60.15	124.90 6.46 -45.82	124.29 5.92 -46.20	117.56 5.85 -39.47	123.42 5.93 -45.17	143.56 6.21 -65.10	150.57 8.06 -59.46	162.74 14.01 -8.59	175.77 14.34 -27.42	164.11 11.44 -54.09	152.85 11.85 -33.28	151.63 11.98 -34.59	149.32 10.05 -51.92	149.14 8.39 -67.77	144.97 8.38 -63.67	145.49 8.70 -62.42	150.52 8.41 -69.60	175.98 8.81 -94.36	173.32 8.73 -91.85	167.14 8.41 -86.21	132.37 8.18 -51.75	127.27 7.54 -48.58	108.80 6.99 -35.26	90.82 6.10 -22.42
WEST CANADA___HYD 24049	72.97 0.65 0.00	73.42 0.80 0.00	72.81 0.65 0.00	72.89 0.65 0.00	72.97 0.65 0.00	72.82 0.58 0.00	83.80 0.75 0.00	141.25 1.12 0.00	135.21 1.20 0.00	99.67 1.09 0.00	108.80 1.08 0.00	106.22 1.16 0.00	88.31 0.96 0.00	73.86 0.88 0.00	73.79 0.88 0.00	75.27 0.90 0.00	73.31 0.80 0.00	73.61 0.80 0.00	73.54 0.80 0.00	73.31 0.80 0.00	73.16 0.72 0.00	71.79 0.64 0.00	67.15 0.60 0.00	62.85 0.56 0.00
WESTERN_NY_WIND 24143	70.01 -2.31 0.00	69.64 -2.98 0.00	68.77 -3.39 0.00	68.26 -3.97 0.00	69.14 -3.18 0.00	69.57 -2.67 0.00	77.91 -5.15 0.00	122.46 -13.17 4.50	118.63 -12.60 2.78	93.64 -7.69 -2.74	100.21 -10.23 -2.73	97.94 -9.88 -2.75	83.33 -7.86 -3.84	74.75 -5.55 -7.31	71.94 -5.61 -4.65	71.45 -5.88 -2.96	68.56 -6.89 -2.93	70.79 -6.26 -4.24	70.45 -6.18 -3.89	65.32 -7.18 0.02	63.23 -7.24 1.96	64.52 -6.62 0.01	61.16 -5.39 0.00	57.62 -4.67 0.00
WESTOVER___LESR 323668	76.43 -0.07 -4.18	74.99 -0.07 -2.45	74.29 -0.36 -2.49	74.21 -0.51 -2.48	75.91 -0.22 -3.81	74.52 -0.22 -2.49	86.82 -0.42 -4.18	139.67 -2.24 -1.78	135.25 -1.74 -2.98	107.58 -0.69 -9.69	113.00 -1.29 -6.57	109.96 -1.26 -6.15	96.11 -1.05 -9.81	88.18 -0.73 -15.93	84.57 -0.87 -12.54	83.44 -0.82 -9.89	82.59 -0.94 -11.02	86.26 -0.73 -14.18	84.95 -0.80 -13.01	80.66 -0.94 -9.09	71.70 -1.01 -0.28	71.28 -1.21 -1.35	65.62 -0.93 0.00	61.79 -0.93 -0.43
WETHRSFD_WT_PWR 323626	71.67 -2.97 -2.32	70.35 -3.63 -1.36	69.44 -4.11 -1.38	69.42 -4.19 -1.38	70.24 -4.20 -2.11	69.66 -3.97 -1.38	79.14 -6.23 -2.32	121.94 -15.56 2.63	118.82 -14.60 0.58	94.90 -9.17 -5.48	99.93 -11.52 -3.73	97.45 -11.14 -3.52	82.63 -9.09 -4.37	74.79 -7.08 -8.89	70.34 -7.29 -4.72	69.05 -7.59 -2.27	66.62 -8.12 -2.23	68.26 -7.79 -3.24	67.93 -7.78 -2.97	63.62 -8.12 0.77	64.25 -8.19 0.00	63.97 -7.90 -0.73	59.96 -6.59 0.00	56.99 -5.54 -0.24
WHAVSTOR_138KV_BK127 55557	83.64 2.53 -8.79	80.53 2.76 -5.15	79.77 2.38 -5.22	79.77 2.31 -5.22	82.71 2.39 -8.00	80.09 2.60 -5.24	95.50 3.65 -8.79	154.84 6.45 -8.26	149.90 6.83 -9.06	127.20 5.82 -22.79	129.92 5.92 -16.28	126.67 6.20 -15.40	120.62 5.24 -28.03	123.94 4.38 -46.58	117.87 4.30 -40.66	113.12 4.54 -34.21	115.30 4.35 -38.44	126.47 4.59 -49.07	122.27 4.51 -45.02	112.74 4.28 -35.95	81.08 4.13 -4.52	77.62 3.63 -2.85	70.01 3.46 0.00	66.13 2.93 -0.90
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	83.64 2.53 -8.79	80.53 2.76 -5.15	79.77 2.38 -5.22	79.77 2.31 -5.22	82.71 2.39 -8.00	80.09 2.60 -5.24	95.50 3.65 -8.79	154.84 6.45 -8.26	149.90 6.83 -9.06	127.20 5.82 -22.79	129.92 5.92 -16.28	126.67 6.20 -15.40	120.62 5.24 -28.03	123.94 4.38 -46.58	117.87 4.30 -40.66	113.12 4.54 -34.21	115.30 4.35 -38.44	126.47 4.59 -49.07	122.27 4.51 -45.02	112.74 4.28 -35.95	81.08 4.13 -4.52	77.62 3.63 -2.85	70.01 3.46 0.00	66.13 2.93 -0.90
WHITEHAL_115KV_TB1 80871	177.91 7.81 -97.78	137.80 7.84 -57.35	138.02 7.72 -58.13	137.93 7.66 -58.04	169.16 7.81 -89.03	137.12 6.57 -58.30	188.87 8.06 -97.76	245.54 13.45 -91.95	247.64 12.86 -100.77	260.72 9.66 -152.47	198.01 10.34 -79.95	184.44 10.09 -69.29	181.16 8.04 -85.78	154.85 6.64 -75.23	132.57 6.56 -53.10	125.90 6.84 -44.68	133.95 6.82 -54.62	143.81 6.92 -64.08	138.45 6.91 -58.80	134.72 6.60 -55.61	100.62 7.75 -20.43	110.30 7.47 -31.68	73.54 6.99 0.00	78.70 6.35 -10.05
WHITEPLN_13_KV_LOAD 356215	85.42 3.98 -9.12	82.18 4.21 -5.35	81.34 3.75 -5.42	81.34 3.68 -5.41	84.38 3.76 -8.30	81.73 4.05 -5.44	97.57 5.40 -9.12	158.24 9.53 -8.58	153.32 9.92 -9.40	130.47 8.28 -23.60	133.18 8.62 -16.84	129.92 8.93 -15.93	123.74 7.42 -28.97	127.38 6.28 -48.12	121.11 6.20 -42.00	116.18 6.47 -35.34	118.38 6.16 -39.71	129.98 6.48 -50.69	125.65 6.40 -46.51	115.82 6.16 -37.14	82.98 5.87 -4.68	79.44 5.34 -2.95	71.61 5.06 0.00	67.59 4.36 -0.94
WM_FLOYD_69_KV_BK2 356380	139.13 6.65 -60.15	125.27 6.83 -45.82	124.72 6.35 -46.20	117.85 6.14 -39.47	123.71 6.22 -45.17	143.85 6.50 -65.10	150.81 8.47 -59.29	163.19 14.43 -8.62	184.72 14.74 -35.97	170.63 11.73 -60.31	153.10 12.06 -33.31	151.87 12.19 -34.62	149.43 10.13 -51.95	149.32 8.54 -67.80	145.14 8.53 -63.70	145.74 8.92 -62.45	150.70 8.56 -69.63	231.42 8.88 -149.73	228.77 8.80 -147.23	219.82 8.56 -138.75	132.54 8.33 -51.78	127.41 7.68 -48.58	108.80 6.99 -35.26	90.82 6.10 -22.42
WOODARD___115KV_TB2 355635	70.44 -1.88 0.00	70.73 -1.89 0.00	70.07 -2.09 0.00	70.07 -2.17 0.00	70.37 -1.95 0.00	70.37 -1.88 0.00	80.81 -2.24 0.00	133.54 -4.76 1.82	128.60 -4.29 1.12	96.03 -2.56 0.00	104.49 -3.23 0.00	101.92 -3.15 -0.01	86.36 -2.45 -1.46	76.05 -1.75 -4.82	75.75 -1.82 -4.66	76.21 -2.08 -3.92	74.23 -2.32 -4.04	76.39 -2.04 -5.62	75.79 -2.11 -5.16	72.65 -2.32 -2.45	69.34 -2.39 0.70	68.73 -2.42 0.00	64.36 -2.20 0.00	60.24 -2.06 0.00
YORK___WARBASSE 23770	85.00 3.54 -9.14	81.68 3.70 -5.36	80.63 3.03 -5.43	80.69 3.03 -5.42	83.68 3.04 -8.32	81.09 3.40 -5.45	97.17 4.98 -9.13	157.97 9.25 -8.59	153.07 9.65 -9.42	130.43 8.18 -23.66	133.00 8.40 -16.88	129.86 8.83 -15.97	123.64 7.25 -29.04	127.27 6.06 -48.23	120.99 5.98 -42.10	116.12 6.32 -35.43	118.40 6.09 -39.80	130.17 6.55 -50.81	125.83 6.47 -46.62	115.83 6.09 -37.23	82.99 5.87 -4.69	79.38 5.26 -2.97	71.61 5.06 0.00	67.66 4.42 -0.94