

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/27/2025

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 24138	104.45	87.22	86.38	86.50	89.67	96.50	117.96	166.86	137.46	124.36	104.25	99.24	94.28	91.13	85.95	100.23	112.90	160.70	156.53	125.62	113.06	99.28	104.92	105.23
	5.85	5.18	5.17	5.24	5.33	5.41	7.16	7.30	8.11	6.85	6.74	6.74	6.75	6.68	6.82	6.54	6.40	7.52	7.33	6.51	6.73	6.12	5.96	5.60
	-17.38	-10.11	-9.52	-9.48	-12.34	-18.94	-23.55	-71.59	-41.10	-43.87	-25.81	-20.80	-15.68	-12.68	-7.35	-21.77	-34.58	-70.48	-68.63	-46.82	-30.64	-21.10	-27.11	-27.93
74TH STREET_GT_1 24260	104.53	87.22	86.24	86.36	89.53	96.36	117.61	166.53	137.03	124.00	103.97	98.96	93.99	90.92	85.66	100.02	112.69	160.39	156.30	125.41	112.77	99.07	104.79	104.87
	5.93	5.18	5.02	5.10	5.18	5.27	6.81	6.95	7.68	6.48	6.45	6.45	6.47	6.46	6.53	6.33	6.19	7.19	7.09	6.29	6.43	5.91	5.82	5.23
	-17.39	-10.11	-9.52	-9.49	-12.34	-18.94	-23.56	-71.61	-41.10	-43.88	-25.81	-20.80	-15.68	-12.68	-7.35	-21.78	-34.59	-70.50	-68.64	-46.82	-30.65	-21.10	-27.12	-27.94
74TH STREET_GT_2 24261	104.53	87.22	86.24	86.36	89.53	96.36	117.61	166.53	137.03	124.00	103.97	98.96	93.99	90.92	85.66	100.02	112.69	160.39	156.30	125.41	112.77	99.07	104.79	104.87
	5.93	5.18	5.02	5.10	5.18	5.27	6.81	6.95	7.68	6.48	6.45	6.45	6.47	6.46	6.53	6.33	6.19	7.19	7.09	6.29	6.43	5.91	5.82	5.23
	-17.39	-10.11	-9.52	-9.49	-12.34	-18.94	-23.56	-71.61	-41.10	-43.88	-25.81	-20.80	-15.68	-12.68	-7.35	-21.78	-34.59	-70.50	-68.64	-46.82	-30.65	-21.10	-27.12	-27.94
ADK HUDSON___FALLS 24011	110.45	121.84	119.53	119.55	132.28	174.51	219.05	235.50	243.05	161.51	110.50	103.96	97.58	93.65	87.08	105.85	171.15	228.24	223.65	189.38	170.23	154.01	161.15	113.17
	7.31	6.47	6.45	6.53	6.62	6.71	8.38	8.45	8.74	6.92	6.24	6.02	5.96	5.89	6.03	6.47	6.83	7.86	7.73	7.08	7.11	6.56	6.32	6.24
	-21.93	-43.44	-41.38	-41.24	-53.66	-95.65	-123.43	-139.09	-146.06	-80.95	-32.55	-26.24	-19.77	-15.99	-9.27	-27.46	-92.40	-137.69	-135.34	-110.00	-87.43	-75.39	-82.98	-35.23
ADK RESOURCE___RCVRY 23798	111.04	122.64	120.32	120.34	133.16	175.64	220.66	236.67	244.78	162.32	110.89	104.42	97.97	94.03	87.44	106.25	172.08	229.38	224.68	190.35	171.41	155.01	162.07	113.64
	7.88	6.98	6.95	7.04	7.13	7.14	9.07	9.06	9.53	7.43	6.59	6.46	6.32	6.24	6.39	6.84	7.26	8.44	8.22	7.52	7.80	7.07	6.75	6.67
	-21.95	-43.74	-41.67	-41.52	-54.03	-96.35	-124.34	-139.64	-147.00	-81.25	-32.59	-26.26	-19.79	-16.01	-9.28	-27.49	-92.90	-138.24	-135.89	-110.54	-87.93	-75.88	-83.47	-35.27
ADK S GLENS___FALLS 24028	110.45	121.84	119.53	119.55	132.28	174.51	219.05	235.50	243.05	161.51	110.50	103.96	97.58	93.65	87.08	105.85	171.15	228.24	223.65	189.38	170.23	154.01	161.15	113.17
	7.31	6.47	6.45	6.53	6.62	6.71	8.38	8.45	8.74	6.92	6.24	6.02	5.96	5.89	6.03	6.47	6.83	7.86	7.73	7.08	7.11	6.56	6.32	6.24
	-21.93	-43.44	-41.38	-41.24	-53.66	-95.65	-123.43	-139.09	-146.06	-80.95	-32.55	-26.24	-19.77	-15.99	-9.27	-27.46	-92.40	-137.69	-135.34	-110.00	-87.43	-75.39	-82.98	-35.23
ADK_NYS___DAM 23527	108.38	110.32	108.32	108.37	118.14	149.24	186.13	214.83	209.30	150.17	108.64	102.46	96.38	92.59	86.17	103.88	152.66	208.06	203.50	169.57	152.08	136.49	143.43	110.92
	6.01	5.25	5.09	5.17	5.25	5.34	6.63	6.60	7.06	5.75	5.52	5.45	5.46	5.39	5.45	5.46	5.54	6.45	6.29	5.71	5.98	5.62	5.46	5.23
	-21.15	-33.14	-31.53	-31.42	-40.89	-71.75	-92.26	-120.25	-113.99	-70.78	-31.41	-25.31	-19.08	-15.43	-8.94	-26.49	-75.21	-118.91	-116.64	-91.57	-70.41	-58.80	-66.12	-33.99
AIR_PRODUCTS___DRP 24190	105.25	98.66	97.19	97.19	104.32	125.43	154.91	196.69	177.68	139.39	105.67	99.56	93.54	89.89	82.96	100.76	134.84	189.42	184.97	150.76	133.75	118.77	126.17	108.18
	2.84	2.52	2.51	2.51	2.52	2.38	2.62	2.55	2.82	2.36	2.51	2.51	2.59	2.66	2.23	2.30	1.87	1.90	1.85	1.66	1.82	2.09	2.37	2.44
	-21.19	-24.21	-22.98	-22.90	-29.80	-50.90	-65.04	-106.17	-86.60	-63.39	-31.46	-25.35	-19.11	-15.45	-8.96	-26.54	-61.05	-104.82	-102.55	-76.80	-56.25	-44.62	-51.95	-34.05
AKWESSNE_115KV_BK 355683	80.32	71.35	71.34	71.27	71.28	71.14	85.41	86.21	86.13	72.39	70.49	70.69	70.91	70.84	70.70	70.70	70.77	80.79	78.80	70.77	74.17	71.05	71.06	71.20
	-0.89	-0.58	-0.36	-0.50	-0.72	-1.01	-1.83	-1.76	-2.12	-1.25	-1.22	-1.00	-0.93	-0.93	-1.08	-1.22	-1.15	-1.90	-1.77	-1.52	-1.51	-1.01	-0.79	-0.50
	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 323833	105.93	94.92	93.58	93.60	99.46	115.62	142.02	189.22	164.09	135.18	105.12	99.12	93.20	89.54	83.09	100.72	128.03	182.15	177.71	143.59	127.30	112.17	119.22	108.38
	3.90	3.45	3.37	3.37	3.46	3.39	3.83	3.69	3.79	2.80	2.51	2.51	2.58	2.58	2.51	2.73	2.88	3.22	3.14	2.89	3.10	3.03	3.09	3.23
	-20.82	-19.54	-18.51	-18.45	-24.01	-40.08	-50.94	-97.56	-72.05	-58.74	-30.91	-24.91	-18.77	-15.18	-8.80	-26.07	-53.23	-96.23	-94.00	-68.41	-48.51	-37.08	-44.29	-33.45
ALBANY_2_SOLAR 323834	105.85	94.85	93.58	93.60	99.39	115.54	141.92	189.14	164.08	135.18	105.13	99.12	93.21	89.54	83.09	100.73	128.02	182.15	177.71	143.59	127.23	112.10	119.22	108.38
	3.82	3.38	3.37	3.37	3.38	3.32	3.75	3.61	3.79	2.80	2.51	2.51	2.58	2.58	2.51	2.73	2.88	3.22	3.14	2.89	3.03	2.96	3.09	3.23
	-20.82	-19.54	-18.51	-18.45	-24.00	-40.07	-50.93	-97.56	-72.04	-58.74	-30.91	-24.91	-18.77	-15.18	-8.80	-26.07	-53.23	-96.23	-94.00	-68.41	-48.51	-37.08	-44.28	-33.46
ALBANY___1 23571	105.25	98.66	97.19	97.19	104.32	125.43	154.91	196.69	177.68	139.39	105.67	99.56	93.54	89.89	82.96	100.76	134.84	189.42	184.97	150.76	133.75	118.77	126.17	108.18
	2.84	2.52	2.51	2.51	2.52	2.38	2.62	2.55	2.82	2.36	2.51	2.51	2.59	2.66	2.23	2.30	1.87	1.90	1.85	1.66	1.82	2.09	2.37	2.44
	-21.19	-24.21	-22.98	-22.90	-29.80	-50.90	-65.04	-106.17	-86.60	-63.39	-31.46	-25.35	-19.11	-15.45	-8.96	-26.54	-61.05	-104.82	-102.55	-76.80	-56.25	-44.62	-51.95	-34.05

ALBANY___2 23572	105.25 2.84 -21.19	98.66 2.52 -24.21	97.19 2.51 -22.98	97.19 2.51 -22.90	104.32 2.52 -29.80	125.43 2.38 -50.90	154.91 2.62 -65.04	196.69 2.55 -106.17	177.68 2.82 -86.60	139.39 2.36 -63.39	105.67 2.51 -31.46	99.56 2.51 -25.35	93.54 2.59 -19.11	89.89 2.66 -15.45	82.96 2.23 -8.96	100.76 2.30 -26.54	134.84 1.87 -61.05	189.42 1.90 -104.82	184.97 1.85 -102.55	150.76 1.66 -76.80	133.75 1.82 -56.25	118.77 2.09 -44.62	126.17 2.37 -51.95	108.18 2.44 -34.05
ALBANY___3 23573	105.25 2.84 -21.19	98.66 2.52 -24.21	97.19 2.51 -22.98	97.19 2.51 -22.90	104.32 2.52 -29.80	125.43 2.38 -50.90	154.91 2.62 -65.04	196.69 2.55 -106.17	177.68 2.82 -86.60	139.39 2.36 -63.39	105.67 2.51 -31.46	99.56 2.51 -25.35	93.54 2.59 -19.11	89.89 2.66 -15.45	82.96 2.23 -8.96	100.76 2.30 -26.54	134.84 1.87 -61.05	189.42 1.90 -104.82	184.97 1.85 -102.55	150.76 1.66 -76.80	133.75 1.82 -56.25	118.77 2.09 -44.62	126.17 2.37 -51.95	108.18 2.44 -34.05
ALBANY___4 23574	105.25 2.84 -21.19	98.66 2.52 -24.21	97.19 2.51 -22.98	97.19 2.51 -22.90	104.32 2.52 -29.80	125.43 2.38 -50.90	154.91 2.62 -65.04	196.69 2.55 -106.17	177.68 2.82 -86.60	139.39 2.36 -63.39	105.67 2.51 -31.46	99.56 2.51 -25.35	93.54 2.59 -19.11	89.89 2.66 -15.45	82.96 2.23 -8.96	100.76 2.30 -26.54	134.84 1.87 -61.05	189.42 1.90 -104.82	184.97 1.85 -102.55	150.76 1.66 -76.80	133.75 1.82 -56.25	118.77 2.09 -44.62	126.17 2.37 -51.95	108.18 2.44 -34.05
ALBANY___LFGE 323615	106.12 3.49 -21.42	105.97 3.09 -30.95	104.22 3.08 -29.44	104.19 3.08 -29.33	113.26 3.09 -38.17	141.78 3.03 -66.60	176.10 3.31 -85.54	208.86 3.26 -117.63	199.40 3.71 -107.44	146.16 3.02 -69.50	106.52 3.01 -31.80	100.41 3.08 -25.63	94.32 3.16 -19.32	90.55 3.15 -15.62	83.71 2.87 -9.06	101.63 2.88 -26.83	146.52 2.59 -72.02	201.69 2.72 -116.27	197.19 2.65 -113.97	163.07 2.38 -88.40	145.43 2.57 -67.16	130.20 2.74 -55.40	137.61 2.95 -62.82	109.06 2.94 -34.42
ALCOA_PA_115KV_PL-6C 55860	80.65 -0.57 0.00	71.64 -0.29 0.00	71.63 -0.07 0.00	71.56 -0.22 0.00	71.50 -0.50 0.00	71.43 -0.72 0.00	85.68 -1.57 0.00	86.39 -1.58 0.00	86.31 -1.94 0.00	72.61 -1.03 0.00	70.78 -0.93 0.00	70.91 -0.79 0.00	71.20 -0.65 0.00	71.06 -0.72 0.00	70.92 -0.86 0.00	70.84 -1.08 0.00	70.91 -1.01 0.00	80.96 -1.74 0.00	78.96 -1.61 0.00	70.99 -1.30 0.00	74.33 -1.36 0.00	71.20 -0.86 0.00	71.27 -0.57 0.00	71.48 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	80.65 -0.57 0.00	71.64 -0.29 0.00	71.63 -0.07 0.00	71.56 -0.22 0.00	71.50 -0.50 0.00	71.43 -0.72 0.00	85.68 -1.57 0.00	86.39 -1.58 0.00	86.31 -1.94 0.00	72.61 -1.03 0.00	70.78 -0.93 0.00	70.91 -0.79 0.00	71.20 -0.65 0.00	71.06 -0.72 0.00	70.92 -0.86 0.00	70.84 -1.08 0.00	70.91 -1.01 0.00	80.96 -1.74 0.00	78.96 -1.61 0.00	70.99 -1.30 0.00	74.33 -1.36 0.00	71.20 -0.86 0.00	71.27 -0.57 0.00	71.48 -0.22 0.00
ALCOA___DSASP 323711	80.65 -0.56 0.00	71.64 -0.29 0.00	71.63 -0.07 0.00	71.56 -0.21 0.00	71.50 -0.50 0.00	71.43 -0.72 0.00	85.68 -1.57 0.00	86.39 -1.58 0.00	86.22 -2.03 0.00	72.61 -1.03 0.00	71.49 -0.21 0.00	71.41 -0.29 0.00	71.35 -0.50 0.00	71.42 -0.36 0.00	71.28 -0.50 0.00	71.13 -0.79 0.00	71.13 -0.79 0.00	81.54 -1.16 0.00	79.36 -1.21 0.00	71.13 -1.16 0.00	74.33 -1.36 0.00	71.20 -0.86 0.00	71.35 -0.50 0.00	71.48 -0.21 0.00
ALLEGHENY___COGEN 23514	83.55 -0.65 -2.99	72.63 -1.15 -1.85	71.80 -1.65 -1.75	72.08 -1.43 -1.74	73.33 -0.94 -2.26	74.59 -0.58 -3.02	91.01 0.35 -3.42	163.85 0.62 -75.26	135.65 -0.44 -47.84	106.02 -1.92 -34.30	97.11 -4.01 -29.42	95.09 -4.01 -27.41	90.57 -4.02 -22.74	92.60 -4.38 -25.20	87.91 -4.30 -20.44	96.36 -3.31 -27.75	104.31 -2.59 -34.97	152.24 -1.57 -71.12	146.65 -1.29 -67.37	120.48 -1.30 -49.48	78.31 -0.61 -3.23	73.53 -1.52 -2.98	72.73 -2.23 -3.11	72.67 -2.08 -3.05
ALTAMONT_115KV_TB 2 55880	105.56 3.17 -21.17	95.68 2.81 -20.94	94.28 2.72 -19.85	94.29 2.73 -19.78	100.55 2.81 -25.74	118.22 2.81 -43.26	145.63 3.32 -55.07	192.24 3.34 -100.93	168.42 3.62 -76.56	137.15 2.87 -60.64	105.94 2.80 -31.44	99.83 2.80 -25.34	93.75 2.80 -19.10	90.02 2.80 -15.44	83.53 2.80 -8.95	101.24 2.80 -26.52	130.56 2.80 -55.84	185.42 3.14 -99.58	181.02 3.14 -97.31	146.46 2.82 -71.35	129.68 2.95 -51.04	114.29 2.81 -39.41	121.39 2.80 -46.74	108.38 2.65 -34.03
ALTONA_WT_PWR 323606	80.00 -1.22 0.00	70.92 -1.01 0.00	70.84 -0.86 0.00	70.63 -1.15 0.00	70.56 -1.44 0.00	70.06 -2.09 0.00	84.11 -3.14 0.00	84.98 -2.99 0.00	84.54 -3.70 0.00	71.21 -2.43 0.00	69.92 -1.79 0.00	69.69 -2.01 0.00	69.62 -2.23 0.00	69.55 -2.23 0.00	69.48 -2.30 0.00	69.40 -2.52 0.00	69.40 -2.52 0.00	79.55 -3.14 0.00	77.43 -3.14 0.00	69.33 -2.97 0.00	72.58 -3.11 0.00	69.47 -2.59 0.00	69.48 -2.37 0.00	70.05 -1.65 0.00
AMERICAN_REF_FUEL 24010	74.95 -8.93 -2.67	65.22 -8.34 -1.63	64.56 -8.68 -1.54	64.99 -8.32 -1.53	66.08 -7.92 -2.00	66.88 -7.94 -2.67	80.58 -9.69 -3.02	74.38 -10.11 3.48	74.71 -10.68 2.85	64.38 -8.40 0.86	59.46 -10.40 1.85	59.32 -9.82 2.56	59.82 -9.77 2.25	58.11 -10.27 3.40	57.40 -11.05 3.32	59.88 -9.49 2.54	59.34 -11.44 1.14	66.53 -13.15 3.01	64.80 -12.49 3.28	59.27 -10.92 2.10	69.14 -9.99 -3.45	65.04 -9.87 -2.85	64.93 -10.13 -3.21	65.86 -9.04 -3.20
ARKWRIGHT___SUMMIT_WT_PWR 323751	76.97 -7.23 -2.98	66.80 -6.98 -1.84	66.48 -6.95 -1.74	66.83 -6.67 -1.73	68.06 -6.19 -2.25	68.30 -6.86 -3.01	83.05 -7.59 -3.40	76.72 -8.18 3.07	79.22 -6.18 2.85	65.48 -7.36 0.79	62.00 -7.96 1.75	61.23 -7.89 2.58	61.53 -8.05 2.27	60.22 -8.04 3.52	60.40 -7.90 3.48	61.66 -7.69 2.57	62.84 -8.05 1.03	70.99 -9.18 2.53	68.83 -8.70 3.03	62.57 -7.73 1.99	72.13 -7.27 -3.71	68.01 -7.21 -3.15	67.93 -7.40 -3.48	67.75 -7.38 -3.43
ARTHUR KILL_GT_1 23520	128.72 5.20 -42.31	63.70 4.53 12.76	63.17 4.30 12.83	63.24 4.38 12.91	63.17 4.47 13.29	63.03 4.40 13.53	136.62 5.76 -43.62	193.03 5.98 -99.08	163.57 6.70 -68.62	156.76 5.75 -77.37	133.74 5.66 -56.36	68.02 5.66 9.34	68.09 5.75 9.51	68.02 5.67 9.43	67.16 5.81 10.43	133.80 5.61 -56.27	146.50 5.61 -68.97	240.40 6.70 -151.01	237.23 6.68 -149.98	188.08 6.00 -109.79	173.46 6.21 -91.56	128.77 5.33 -51.37	131.42 5.24 -54.33	121.74 4.66 -45.38
ARTHUR_KILL_2 23512	128.48 4.95 -42.31	63.49 4.32 12.76	62.95 4.08 12.83	63.03 4.16 12.91	62.95 4.25 13.29	62.81 4.18 13.53	136.36 5.50 -43.62	192.76 5.71 -99.08	163.31 6.44 -68.62	156.54 5.53 -77.37	133.52 5.45 -56.36	67.80 5.45 9.34	67.87 5.53 9.51	67.80 5.45 9.43	66.95 5.60 10.43	133.58 5.40 -56.27	146.28 5.40 -68.97	240.16 6.45 -151.01	236.91 6.36 -149.98	187.79 5.71 -109.79	173.16 5.91 -91.56	128.48 5.04 -51.37	131.13 4.95 -54.33	121.53 4.45 -45.38
ARTHUR_KILL_3 23513	65.55 5.04 20.70	63.55 4.39 12.77	63.09 4.23 12.84	63.09 4.23 12.92	63.09 4.39 13.30	63.09 4.47 13.53	67.01 5.85 26.08	76.94 5.80 16.84	73.94 6.53 20.84	76.94 5.67 2.37	70.81 5.60 6.49	67.94 5.60 9.35	67.94 5.61 9.52	67.94 5.60 9.44	67.01 5.67 10.44	67.79 5.40 9.53	75.72 5.18 1.38	103.22 6.12 -14.40	103.22 5.96 -16.69	82.28 5.27 -4.71	79.23 5.52 1.98	69.19 5.04 7.91	69.53 5.03 7.35	63.55 4.45 12.60

ARTHUR_KILL_COGEN 323718	128.72 5.20 -42.31	63.70 4.53 12.76	63.17 4.30 12.83	63.24 4.38 12.91	63.17 4.47 13.29	63.03 4.40 13.53	136.62 5.76 -43.62	193.03 5.98 -99.08	163.57 6.70 -68.62	156.76 5.75 -77.37	133.74 5.66 -56.36	68.02 5.66 9.34	68.09 5.75 9.51	68.02 5.67 9.43	67.16 5.81 10.43	133.80 5.61 -56.27	146.50 5.61 -68.97	240.40 6.70 -151.01	237.23 6.68 -149.98	188.08 6.00 -109.79	173.46 6.21 -91.56	128.77 5.33 -51.37	131.42 5.24 -54.33	121.74 4.66 -45.38
ASHOKAN____ 23654	103.48 2.84 -19.42	90.67 2.37 -16.37	89.49 2.29 -15.50	89.51 2.30 -15.44	94.47 2.37 -20.09	107.86 2.67 -33.04	132.58 3.49 -41.84	179.74 3.69 -88.07	153.74 3.97 -61.51	129.25 2.36 -53.26	102.12 1.58 -28.84	96.52 1.58 -23.24	90.80 1.44 -17.52	87.30 1.36 -14.17	81.50 1.51 -8.21	98.04 1.80 -24.33	121.22 2.59 -46.71	173.16 3.63 -86.83	168.87 3.54 -84.76	135.93 2.89 -60.74	120.95 2.95 -42.31	106.23 2.52 -31.65	112.45 2.23 -38.37	104.99 2.08 -31.21
ASTORIA_EAST_ENERGY_CC1 323581	103.63 5.04 -17.38	86.49 4.46 -10.10	85.51 4.30 -9.51	85.56 4.31 -9.48	88.73 4.39 -12.33	95.49 4.40 -18.93	116.21 5.41 -23.55	165.12 5.55 -71.60	135.70 6.36 -41.10	122.96 5.45 -43.87	103.03 5.52 -25.80	98.16 5.66 -20.80	93.19 5.67 -15.67	90.12 5.67 -12.67	84.93 5.81 -7.34	99.15 5.46 -21.77	111.74 5.25 -34.58	159.30 6.12 -70.49	155.16 5.96 -68.63	124.53 5.42 -46.82	112.01 5.68 -30.64	98.27 5.12 -21.09	103.99 5.03 -27.11	104.15 4.52 -27.93
ASTORIA_EAST_ENERGY_CC2 323582	103.63 5.04 -17.38	86.49 4.46 -10.10	85.51 4.30 -9.51	85.56 4.31 -9.48	88.73 4.39 -12.33	95.49 4.40 -18.93	116.21 5.41 -23.55	165.12 5.55 -71.60	135.70 6.36 -41.10	122.96 5.45 -43.87	103.03 5.52 -25.80	98.16 5.66 -20.80	93.19 5.67 -15.67	90.12 5.67 -12.67	84.93 5.81 -7.34	99.15 5.46 -21.77	111.74 5.25 -34.58	159.30 6.12 -70.49	155.16 5.96 -68.63	124.53 5.42 -46.82	112.01 5.68 -30.64	98.27 5.12 -21.09	103.99 5.03 -27.11	104.15 4.52 -27.93
ASTORIA_GT2_1 24094	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT2_2 24095	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT2_3 24096	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT2_4 24097	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT3_1 24098	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT3_2 24099	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT3_3 24100	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT3_4 24101	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT4_1 24102	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT4_2 24103	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT4_3 24104	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94

ASTORIA_GT4_4 24105	103.64 5.04 -17.39	86.57 4.53 -10.11	85.52 4.30 -9.52	85.64 4.38 -9.49	88.81 4.46 -12.34	95.56 4.47 -18.94	116.30 5.50 -23.56	165.21 5.63 -71.61	135.70 6.35 -41.10	123.04 5.52 -43.88	103.11 5.59 -25.81	98.24 5.74 -20.80	93.27 5.75 -15.68	90.27 5.81 -12.68	85.01 5.89 -7.35	99.23 5.54 -21.78	111.83 5.32 -34.59	159.39 6.20 -70.50	155.33 6.12 -68.64	124.61 5.49 -46.82	111.94 5.60 -30.65	98.28 5.12 -21.10	104.07 5.10 -27.12	104.15 4.52 -27.94
ASTORIA_GT_1 23523	103.80 5.20 -17.38	86.64 4.61 -10.10	85.66 4.45 -9.51	85.71 4.45 -9.48	88.95 4.61 -12.33	95.63 4.55 -18.93	116.46 5.67 -23.55	165.38 5.80 -71.60	135.96 6.62 -41.10	123.18 5.67 -43.87	103.25 5.74 -25.80	98.30 5.81 -20.80	93.41 5.89 -15.67	90.34 5.89 -12.67	85.15 6.03 -7.34	99.37 5.68 -21.77	111.96 5.46 -34.58	159.55 6.37 -70.49	155.41 6.20 -68.63	124.75 5.64 -46.82	112.16 5.83 -30.64	98.41 5.26 -21.09	104.14 5.18 -27.11	104.29 4.66 -27.93
ASTORIA_GT_10 24110	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	159.97 6.78 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.39 6.06 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.66 5.02 -27.94
ASTORIA_GT_11 24225	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	159.97 6.78 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.39 6.06 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.66 5.02 -27.94
ASTORIA_GT_12 24226	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	159.97 6.78 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.39 6.06 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.66 5.02 -27.94
ASTORIA_GT_13 24227	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	159.97 6.78 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.39 6.06 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.66 5.02 -27.94
ASTORIA_GT_5 24106	103.80 5.20 -17.39	86.64 4.60 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.49	88.95 4.61 -12.34	95.64 4.55 -18.94	116.48 5.67 -23.56	165.39 5.81 -71.61	135.97 6.62 -41.10	123.19 5.67 -43.88	103.26 5.74 -25.81	98.38 5.88 -20.80	93.49 5.96 -15.68	90.41 5.96 -12.68	85.16 6.03 -7.35	99.45 5.75 -21.78	111.97 5.47 -34.59	159.56 6.37 -70.50	155.49 6.28 -68.64	124.76 5.64 -46.82	112.09 5.75 -30.65	98.42 5.26 -21.10	104.14 5.17 -27.12	104.30 4.66 -27.94
ASTORIA_GT_7 24107	103.80 5.20 -17.39	86.64 4.60 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.49	88.95 4.61 -12.34	95.64 4.55 -18.94	116.48 5.67 -23.56	165.39 5.81 -71.61	135.97 6.62 -41.10	123.19 5.67 -43.88	103.26 5.74 -25.81	98.38 5.88 -20.80	93.49 5.96 -15.68	90.41 5.96 -12.68	85.16 6.03 -7.35	99.45 5.75 -21.78	111.97 5.47 -34.59	159.56 6.37 -70.50	155.49 6.28 -68.64	124.76 5.64 -46.82	112.09 5.75 -30.65	98.42 5.26 -21.10	104.14 5.17 -27.12	104.30 4.66 -27.94
ASTORIA_GT_8 24108	103.80 5.20 -17.39	86.64 4.60 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.49	88.95 4.61 -12.34	95.64 4.55 -18.94	116.48 5.67 -23.56	165.39 5.81 -71.61	135.97 6.62 -41.10	123.19 5.67 -43.88	103.26 5.74 -25.81	98.38 5.88 -20.80	93.49 5.96 -15.68	90.41 5.96 -12.68	85.16 6.03 -7.35	99.45 5.75 -21.78	111.97 5.47 -34.59	159.56 6.37 -70.50	155.49 6.28 -68.64	124.76 5.64 -46.82	112.09 5.75 -30.65	98.42 5.26 -21.10	104.14 5.17 -27.12	104.30 4.66 -27.94
ASTORIA___2 24149	103.63 5.04 -17.38	86.57 4.53 -10.10	85.51 4.30 -9.51	85.63 4.38 -9.48	88.80 4.47 -12.33	95.49 4.40 -18.93	116.30 5.50 -23.55	165.21 5.64 -71.60	135.78 6.44 -41.10	123.03 5.53 -43.87	103.11 5.60 -25.80	98.16 5.66 -20.80	93.27 5.75 -15.67	90.19 5.74 -12.67	85.01 5.89 -7.34	99.22 5.54 -21.77	111.82 5.32 -34.58	159.39 6.21 -70.49	155.25 6.05 -68.63	124.60 5.49 -46.82	112.01 5.68 -30.64	98.27 5.12 -21.09	103.99 5.03 -27.11	104.15 4.52 -27.93
ASTORIA___3 23516	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.20 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.56 6.04 -43.88	103.54 6.02 -25.81	98.59 6.09 -20.80	93.63 6.10 -15.68	90.55 6.10 -12.68	85.37 6.24 -7.35	99.59 5.90 -21.78	112.26 5.76 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	125.05 5.93 -46.82	112.54 6.21 -30.65	98.64 5.47 -21.10	104.50 5.53 -27.12	104.65 5.02 -27.94
ASTORIA___4 23517	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	159.97 6.78 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.39 6.06 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.66 5.02 -27.94
ASTORIA___5 23518	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.20 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.56 6.04 -43.88	103.54 6.02 -25.81	98.59 6.09 -20.80	93.63 6.10 -15.68	90.55 6.10 -12.68	85.37 6.24 -7.35	99.59 5.90 -21.78	112.26 5.76 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	125.05 5.93 -46.82	112.54 6.21 -30.65	98.64 5.47 -21.10	104.50 5.53 -27.12	104.65 5.02 -27.94
AST_ENERGY_2_CC3 323677	103.88 5.28 -17.38	86.65 4.61 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.48	88.95 4.61 -12.34	95.78 4.69 -18.94	115.74 6.11 -22.39	118.74 6.16 -24.61	115.74 6.89 -20.60	120.72 5.89 -41.19	99.54 5.81 -22.03	98.29 5.81 -20.79	93.33 5.82 -15.66	90.25 5.81 -12.66	85.00 5.89 -7.33	99.29 5.61 -21.76	101.56 5.46 -24.18	126.53 6.45 -37.38	126.53 6.29 -39.67	105.59 5.57 -27.73	102.54 5.83 -21.02	98.40 5.26 -21.09	99.54 5.18 -22.52	99.54 4.66 -23.18
AST_ENERGY_2_CC4 323678	103.88 5.28 -17.38	86.65 4.61 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.48	88.95 4.61 -12.34	95.78 4.69 -18.94	115.74 6.11 -22.39	118.74 6.16 -24.61	115.74 6.89 -20.60	120.72 5.89 -41.19	99.54 5.81 -22.03	98.29 5.81 -20.79	93.33 5.82 -15.66	90.25 5.81 -12.66	85.00 5.89 -7.33	99.29 5.61 -21.76	101.56 5.46 -24.18	126.53 6.45 -37.38	126.53 6.29 -39.67	105.59 5.57 -27.73	102.54 5.83 -21.02	98.40 5.26 -21.09	99.54 5.18 -22.52	99.54 4.66 -23.18

ATHENS_STG_1 23668	103.93 3.66 -19.06	85.13 3.24 -9.96	84.14 3.08 -9.36	84.26 3.15 -9.33	87.38 3.24 -12.14	93.55 3.25 -18.15	113.77 4.10 -22.42	168.83 4.14 -76.72	134.37 4.50 -41.63	124.49 3.68 -47.17	103.52 3.51 -28.30	98.02 3.51 -22.81	92.56 3.52 -17.19	89.19 3.52 -13.90	83.35 3.52 -8.06	99.31 3.52 -23.87	111.51 3.45 -36.14	162.33 4.13 -75.51	158.07 4.03 -73.47	125.38 3.61 -49.47	111.29 3.78 -31.82	96.87 3.46 -21.35	103.18 3.38 -27.95	105.41 3.08 -30.63
ATHENS_STG_2 23670	103.93 3.66 -19.06	85.13 3.24 -9.96	84.14 3.08 -9.36	84.26 3.15 -9.33	87.38 3.24 -12.14	93.55 3.25 -18.15	113.77 4.10 -22.42	168.83 4.14 -76.72	134.37 4.50 -41.63	124.49 3.68 -47.17	103.52 3.51 -28.30	98.02 3.51 -22.81	92.56 3.52 -17.19	89.19 3.52 -13.90	83.35 3.52 -8.06	99.31 3.52 -23.87	111.51 3.45 -36.14	162.33 4.13 -75.51	158.07 4.03 -73.47	125.38 3.61 -49.47	111.29 3.78 -31.82	96.87 3.46 -21.35	103.18 3.38 -27.95	105.41 3.08 -30.63
ATHENS_STG_3 23677	103.93 3.66 -19.06	85.13 3.24 -9.96	84.14 3.08 -9.36	84.26 3.15 -9.33	87.38 3.24 -12.14	93.55 3.25 -18.15	113.77 4.10 -22.42	168.83 4.14 -76.72	134.37 4.50 -41.63	124.49 3.68 -47.17	103.52 3.51 -28.30	98.02 3.51 -22.81	92.56 3.52 -17.19	89.19 3.52 -13.90	83.35 3.52 -8.06	99.31 3.52 -23.87	111.51 3.45 -36.14	162.33 4.13 -75.51	158.07 4.03 -73.47	125.38 3.61 -49.47	111.29 3.78 -31.82	96.87 3.46 -21.35	103.18 3.38 -27.95	105.41 3.08 -30.63
AUBURN___LFGE 323710	82.85 -0.57 -2.20	72.47 -0.79 -1.34	71.95 -1.00 -1.26	72.17 -0.86 -1.25	72.98 -0.65 -1.63	73.97 -0.36 -2.18	90.07 0.35 -2.47	97.57 0.44 -9.16	93.66 0.18 -5.24	79.30 -0.37 -6.03	74.41 -0.57 -3.27	73.54 -0.86 -2.70	72.76 -1.08 -1.99	72.38 -1.00 -1.61	71.77 -0.93 -0.93	73.98 -0.79 -2.85	76.03 -0.36 -4.47	91.80 0.08 -9.02	89.77 0.08 -9.12	78.32 0.00 -6.02	80.14 -0.08 -4.53	74.45 -0.58 -2.97	74.87 -0.93 -3.96	74.67 -1.00 -3.98
BABYLON_RES_REC 323704	105.50 6.82 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.75 5.95 -24.02	100.23 6.05 -22.18	107.82 6.13 -29.54	134.18 7.94 -38.99	167.12 7.57 -71.58	142.36 8.74 -45.37	124.42 6.92 -43.86	104.54 7.03 -25.80	98.87 6.38 -20.80	94.06 6.54 -15.67	91.05 6.60 -12.68	91.37 7.18 -12.42	111.25 7.05 -32.28	146.24 6.90 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.62 7.09 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.29 6.68 -45.76	105.37 5.74 -27.93
BABYLON__69_KV_BK2 356345	106.39 7.72 -17.46	105.15 6.83 -26.39	102.54 6.67 -24.17	102.47 6.68 -24.02	101.02 6.84 -22.18	108.62 6.93 -29.54	135.22 8.99 -38.99	168.00 8.45 -71.58	143.33 9.71 -45.37	125.16 7.66 -43.86	105.26 7.74 -25.80	99.45 6.95 -20.80	94.71 7.18 -15.67	91.77 7.32 -12.68	92.30 8.11 -12.42	112.11 7.91 -32.28	147.17 7.84 -67.42	190.23 9.18 -98.36	184.35 9.02 -94.76	174.55 8.02 -94.24	149.98 8.25 -66.04	134.41 7.64 -54.71	125.15 7.54 -45.76	106.15 6.52 -27.93
BALL_HILL_WT_PWR 323825	76.86 -7.23 -2.87	66.93 -6.76 -1.77	66.62 -6.74 -1.67	66.98 -6.46 -1.66	68.18 -5.98 -2.16	68.47 -6.57 -2.88	83.01 -7.50 -3.26	71.25 -8.18 8.54	75.52 -6.35 6.37	63.08 -7.29 3.27	59.78 -8.03 3.90	59.20 -7.89 4.61	59.91 -7.98 3.96	58.31 -8.04 5.43	58.75 -7.97 5.05	59.66 -7.63 4.63	60.23 -8.13 3.56	65.74 -9.26 7.69	63.78 -8.86 7.93	58.83 -7.88 5.59	71.88 -7.41 -3.61	67.75 -7.35 -3.04	67.61 -7.62 -3.38	67.59 -7.46 -3.35
BARON_WINDS___WT_PWR 323822	80.33 -4.71 -3.82	69.74 -4.60 -2.42	69.39 -4.59 -2.28	69.67 -4.38 -2.27	70.92 -4.03 -2.95	72.22 -4.54 -4.61	88.12 -4.88 -5.76	-6.00 -5.10 88.87	25.83 -4.15 58.27	28.48 -5.37 39.79	29.54 -6.10 36.08	29.48 -6.24 35.98	35.47 -6.32 30.06	29.69 -6.39 35.69	34.95 -6.39 30.44	29.35 -6.19 36.39	26.00 -5.61 40.30	-6.00 -5.96 82.74	-6.00 -5.72 80.85	8.70 -5.27 58.32	74.81 -5.15 -4.28	70.65 -5.33 -3.92	70.42 -5.53 -4.10	69.99 -5.67 -3.96
BARRETT_IC_1 23704	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_10 23701	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_11 23702	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_12 23703	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_2 23705	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_3 23706	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_4 23707	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93

BARRETT_IC_5 23708	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_6 23709	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_7 23710	104.93 6.25 -17.46	103.79 5.47 -26.39	101.25 5.38 -24.17	101.25 5.46 -24.02	99.80 5.62 -22.18	107.18 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	140.95 7.32 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.87 5.38 -20.80	92.98 5.46 -15.67	89.98 5.53 -12.68	90.22 6.03 -12.41	110.02 5.83 -32.28	145.16 5.83 -67.42	187.92 6.86 -98.36	182.17 6.85 -94.76	172.60 6.07 -94.24	147.93 6.21 -66.04	132.39 5.62 -54.71	123.07 5.46 -45.76	104.29 4.66 -27.93
BARRETT_IC_8 23711	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT_IC_9 23700	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT___1 23545	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BARRETT___2 23546	104.85 6.17 -17.46	103.78 5.46 -26.39	101.25 5.38 -24.17	101.25 5.45 -24.02	99.80 5.62 -22.18	107.17 5.48 -29.54	132.87 6.63 -38.99	165.97 6.42 -71.58	141.04 7.41 -45.37	123.39 5.89 -43.86	103.32 5.81 -25.80	97.88 5.38 -20.80	93.05 5.53 -15.67	89.98 5.53 -12.68	90.14 5.95 -12.41	109.95 5.76 -32.28	145.09 5.76 -67.42	187.91 6.86 -98.36	182.09 6.77 -94.76	172.60 6.07 -94.24	147.94 6.21 -66.04	132.46 5.69 -54.71	123.07 5.46 -45.76	104.28 4.66 -27.93
BATAVIA___115KV_TB1 55881	78.32 -5.36 -2.47	68.24 -5.18 -1.49	67.51 -5.59 -1.41	67.87 -5.31 -1.40	69.00 -4.82 -1.83	70.04 -4.55 -2.44	84.86 -5.15 -2.77	83.28 -5.19 -0.50	82.05 -6.35 -0.16	69.62 -5.01 -0.98	67.11 -4.37 0.22	65.27 -5.52 0.91	64.43 -6.54 0.88	63.57 -6.46 1.75	63.63 -6.24 1.91	64.93 -6.11 0.87	66.42 -6.40 -0.90	77.47 -5.95 -0.72	74.74 -6.20 -0.38	67.12 -6.00 -0.83	73.48 -5.45 -3.24	68.72 -5.98 -2.64	68.60 -6.25 -3.00	69.05 -5.66 -3.02
BAYONEEC___CTG1 323682	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG10 323750	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG2 323683	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG3 323684	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG4 323685	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG5 323686	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG6 323687	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94

BAYONEEC___CTG7 323688	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG8 323689	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BAYONEEC___CTG9 323749	104.04 5.44 -17.38	86.79 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.91 6.34 -71.60	136.41 7.06 -41.10	123.55 6.04 -43.87	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.45 5.76 -21.77	112.04 5.54 -34.58	159.72 6.53 -70.49	155.65 6.45 -68.63	124.82 5.71 -46.82	112.24 5.91 -30.64	98.57 5.41 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
BEACON___LESR 323632	106.42 4.06 -21.15	98.99 3.59 -23.47	97.55 3.58 -22.27	97.55 3.59 -22.19	104.47 3.60 -28.87	124.92 3.61 -49.16	154.04 4.02 -62.78	196.79 3.96 -104.86	176.95 4.41 -84.29	139.80 3.46 -62.69	106.48 3.37 -31.40	100.45 3.44 -25.31	94.44 3.52 -19.07	90.79 3.59 -15.43	83.95 3.23 -8.94	101.79 3.38 -26.49	134.90 3.16 -59.82	189.60 3.39 -103.51	185.12 3.30 -101.25	150.83 3.04 -75.50	133.90 3.18 -55.03	118.65 3.17 -43.42	125.96 3.38 -50.74	109.20 3.51 -33.99
BEAVER RIVER___HYD 24048	82.26 0.41 -0.63	72.37 0.43 -0.01	72.06 0.36 0.00	72.14 0.36 0.00	72.44 0.43 0.00	72.90 0.72 -0.03	88.23 0.87 -0.11	91.59 1.59 -2.03	90.38 1.67 -0.46	75.67 0.74 -1.29	73.22 0.57 -0.94	72.89 0.43 -0.76	72.85 0.43 -0.57	72.67 0.43 -0.46	72.48 0.43 -0.27	73.28 0.57 -0.79	73.54 0.93 -0.68	86.25 1.57 -1.99	84.02 1.53 -1.92	74.70 1.30 -1.10	77.36 1.14 -0.54	73.19 0.93 -0.19	72.90 0.65 -0.41	73.43 0.72 -1.02
BEEBEE_GT_13 23619	79.92 -3.41 -2.11	68.50 -3.45 -0.02	67.75 -3.94 0.00	67.97 -3.80 0.00	68.54 -3.46 0.00	69.28 -2.96 -0.09	84.47 -3.14 -0.37	91.51 -3.34 -6.88	85.13 -4.77 -1.65	73.98 -3.39 -3.72	71.80 -3.08 -3.18	70.23 -3.94 -2.47	68.76 -5.03 -1.94	68.40 -4.95 -1.58	67.89 -4.81 -0.93	69.72 -4.75 -2.55	69.54 -4.75 -2.37	85.65 -3.80 -6.76	82.32 -4.27 -6.02	71.69 -4.41 -3.80	72.91 -3.71 -0.93	68.27 -4.11 -0.32	68.16 -4.38 -0.69	70.61 -3.80 -2.71
BENSHRST_27_KV_BENSHRST_1 355998	129.69 6.17 -42.31	104.17 5.39 -26.85	102.68 5.16 -25.81	102.87 5.24 -25.85	105.97 5.33 -28.64	112.65 5.27 -35.24	137.67 6.81 -43.62	194.09 7.04 -99.08	164.63 7.77 -68.62	157.64 6.63 -77.37	134.74 6.67 -56.36	129.53 6.67 -51.17	127.16 6.75 -48.56	125.74 6.68 -47.29	120.69 6.75 -42.17	134.73 6.54 -56.27	147.43 6.54 -68.97	241.39 7.69 -151.01	238.12 7.57 -149.98	188.87 6.80 -109.79	174.14 6.89 -91.56	129.56 6.13 -51.37	132.22 6.04 -54.33	122.60 5.52 -45.38
BETHLEHEM___GRP 23843	105.25 2.84 -21.19	98.66 2.52 -24.21	97.19 2.51 -22.98	97.19 2.51 -22.90	104.32 2.52 -29.80	125.43 2.38 -50.90	154.91 2.62 -65.04	196.69 2.55 -106.17	177.68 2.82 -86.60	139.39 2.36 -63.39	105.67 2.51 -31.46	99.56 2.51 -25.35	93.54 2.59 -19.11	89.89 2.66 -15.45	82.96 2.23 -8.96	100.76 2.30 -26.54	134.84 1.87 -61.05	189.42 1.90 -104.82	184.97 1.85 -102.55	150.76 1.66 -76.80	133.75 1.82 -56.25	118.77 2.09 -44.62	126.17 2.37 -51.95	108.18 2.44 -34.05
BETHLEHEM___GS1 323560	105.24 2.84 -21.19	98.66 2.52 -24.21	97.19 2.51 -22.98	97.19 2.51 -22.90	104.32 2.52 -29.80	125.50 2.45 -50.90	154.90 2.61 -65.04	196.69 2.55 -106.17	177.76 2.91 -86.60	139.39 2.36 -63.39	105.60 2.44 -31.46	99.49 2.44 -25.35	93.54 2.58 -19.11	89.81 2.58 -15.45	82.96 2.23 -8.96	100.69 2.23 -26.54	134.83 1.87 -61.05	189.42 1.90 -104.82	184.97 1.85 -102.55	150.76 1.66 -76.80	133.75 1.81 -56.25	118.69 2.01 -44.62	126.10 2.30 -51.95	108.19 2.44 -34.05
BETHLEHEM___GS2 323561	105.24 2.84 -21.19	98.66 2.52 -24.21	97.19 2.51 -22.98	97.19 2.51 -22.90	104.32 2.52 -29.80	125.50 2.45 -50.90	154.90 2.61 -65.04	196.69 2.55 -106.17	177.76 2.91 -86.60	139.39 2.36 -63.39	105.60 2.44 -31.46	99.49 2.44 -25.35	93.54 2.58 -19.11	89.81 2.58 -15.45	82.96 2.23 -8.96	100.69 2.23 -26.54	134.83 1.87 -61.05	189.42 1.90 -104.82	184.97 1.85 -102.55	150.76 1.66 -76.80	133.75 1.81 -56.25	118.69 2.01 -44.62	126.10 2.30 -51.95	108.19 2.44 -34.05
BETHLEHEM___GS3 323562	105.24 2.84 -21.19	98.66 2.52 -24.21	97.19 2.51 -22.98	97.19 2.51 -22.90	104.32 2.52 -29.80	125.50 2.45 -50.90	154.90 2.61 -65.04	196.69 2.55 -106.17	177.76 2.91 -86.60	139.39 2.36 -63.39	105.60 2.44 -31.46	99.49 2.44 -25.35	93.54 2.58 -19.11	89.81 2.58 -15.45	82.96 2.23 -8.96	100.69 2.23 -26.54	134.83 1.87 -61.05	189.42 1.90 -104.82	184.97 1.85 -102.55	150.76 1.66 -76.80	133.75 1.81 -56.25	118.69 2.01 -44.62	126.10 2.30 -51.95	108.19 2.44 -34.05
BETHLEHEM___STEEL 23779	76.69 -7.39 -2.87	66.79 -6.91 -1.76	66.55 -6.81 -1.66	66.97 -6.46 -1.66	68.11 -6.05 -2.16	68.32 -6.71 -2.88	82.74 -7.76 -3.26	72.36 -8.45 7.16	75.79 -6.97 5.48	63.54 -7.51 2.59	61.54 -6.81 3.35	60.23 -7.38 4.08	61.28 -7.04 3.52	59.96 -6.89 4.92	60.40 -6.75 4.63	61.14 -6.69 4.09	61.94 -7.05 2.93	67.36 -8.93 6.40	65.83 -8.06 6.68	60.74 -6.87 4.68	71.74 -7.57 -3.62	67.61 -7.49 -3.04	67.62 -7.62 -3.39	67.45 -7.60 -3.36
BETHLHEM_115KV_TB1 79974	105.31 2.92 -21.17	97.87 2.59 -23.35	96.37 2.51 -22.16	96.37 2.51 -22.08	103.26 2.52 -28.74	123.50 2.45 -48.90	152.38 2.70 -62.43	195.36 2.64 -104.75	175.21 3.00 -83.96	138.72 2.43 -62.65	105.65 2.51 -31.43	99.61 2.58 -25.33	93.60 2.66 -19.09	89.87 2.66 -15.44	83.10 2.37 -8.95	100.81 2.37 -26.52	133.60 2.01 -59.67	188.25 2.15 -103.40	183.80 2.09 -101.14	149.52 1.88 -75.35	132.60 2.04 -54.87	117.47 2.16 -43.25	124.87 2.44 -50.58	108.16 2.44 -34.02
BETHPAGE_CC_5 323564	105.09 6.41 -17.46	104.00 5.68 -26.39	101.39 5.52 -24.17	101.40 5.60 -24.02	99.87 5.69 -22.18	107.47 5.77 -29.54	133.48 7.24 -38.99	166.50 6.95 -71.58	141.73 8.11 -45.37	123.90 6.40 -43.86	103.97 6.46 -25.80	98.44 5.95 -20.80	93.62 6.10 -15.67	90.63 6.17 -12.68	90.79 6.60 -12.42	110.67 6.48 -32.28	145.73 6.40 -67.42	188.58 7.52 -98.36	182.73 7.41 -94.76	173.11 6.58 -94.24	148.54 6.81 -66.04	133.04 6.27 -54.71	123.71 6.10 -45.76	104.86 5.23 -27.93
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	76.65 -7.47 -2.91	66.82 -6.91 -1.79	66.72 -6.67 -1.69	67.07 -6.39 -1.68	68.21 -5.98 -2.19	68.29 -6.78 -2.92	82.70 -7.85 -3.31	73.57 -8.53 5.86	77.24 -6.35 4.65	64.06 -7.58 2.00	61.98 -6.88 2.85	60.78 -7.31 3.60	62.18 -6.54 3.13	60.91 -6.39 4.48	61.26 -6.24 4.27	62.05 -6.26 3.61	63.05 -6.54 2.33	68.68 -8.85 5.17	67.32 -7.73 5.51	62.10 -6.36 3.83	71.86 -7.49 -3.67	67.73 -7.42 -3.09	67.74 -7.54 -3.43	67.42 -7.67 -3.40

BINGHAMTON___COGEN 23790	86.32 -0.49 -5.59	75.04 -0.65 -3.76	74.60 -0.65 -3.54	74.81 -0.50 -3.53	76.31 -0.29 -4.60	78.91 -0.43 -7.19	96.21 0.00 -8.97	111.70 -0.09 -23.82	103.51 0.53 -14.74	86.96 -0.66 -13.98	79.22 -0.79 -8.30	77.37 -0.93 -6.61	76.24 -0.65 -5.04	75.28 -0.57 -4.08	73.64 -0.50 -2.36	78.37 -0.43 -6.88	83.70 -0.14 -11.92	105.78 -0.33 -23.41	103.10 -0.08 -22.61	88.26 0.07 -15.89	85.25 -0.38 -9.95	78.74 -0.65 -7.32	79.95 -0.86 -8.97	79.11 -1.00 -8.42
BIXINCNT_115KV_LOAD 355685	75.54 -8.77 -3.09	65.72 -8.13 -1.92	65.83 -7.67 -1.81	66.26 -7.32 -1.80	67.36 -6.98 -2.34	67.05 -8.23 -3.13	81.01 -9.77 -3.54	78.22 -10.64 -0.90	81.14 -6.80 0.31	64.96 -9.72 -1.04	62.41 -9.11 0.20	61.55 -9.03 1.11	63.68 -7.11 1.05	62.51 -7.11 2.16	62.52 -6.89 2.37	64.00 -6.83 1.09	65.61 -7.12 -0.81	73.17 -10.75 -1.22	72.08 -9.02 -0.53	65.98 -6.94 -0.62	70.38 -9.16 -3.85	66.33 -9.01 -3.28	66.48 -8.98 -3.61	65.36 -9.89 -3.55
BLACK RIVER___HYD 24047	83.56 1.46 -0.88	73.23 1.30 -0.01	72.84 1.14 0.00	72.92 1.14 0.00	73.30 1.30 0.00	73.99 1.80 -0.04	89.84 2.44 -0.15	94.23 3.43 -2.83	92.32 3.44 -0.64	77.29 1.84 -1.81	74.31 1.29 -1.31	73.83 1.08 -1.06	73.79 1.15 -0.80	73.50 1.08 -0.64	73.29 1.14 -0.37	74.60 1.58 -1.11	75.03 2.16 -0.95	88.61 3.14 -2.78	86.31 3.06 -2.68	76.58 2.75 -1.54	78.94 2.49 -0.75	74.42 2.09 -0.27	73.86 1.44 -0.57	74.69 1.58 -1.42
BLACKRVR_115KV_TB2 79977	83.56 1.46 -0.88	73.23 1.29 -0.01	72.85 1.15 0.00	72.93 1.15 0.00	73.30 1.30 0.00	73.99 1.80 -0.04	89.84 2.44 -0.15	94.23 3.43 -2.83	92.24 3.35 -0.64	77.29 1.84 -1.81	74.45 1.43 -1.31	73.97 1.22 -1.06	73.87 1.22 -0.80	73.57 1.15 -0.64	73.37 1.22 -0.37	74.68 1.65 -1.11	75.10 2.23 -0.95	88.78 3.31 -2.78	86.39 3.14 -2.68	76.65 2.82 -1.54	78.94 2.50 -0.75	74.42 2.09 -0.27	73.86 1.44 -0.57	74.69 1.58 -1.42
BLISS_WT_PWR 323608	74.97 -9.34 -3.09	65.21 -8.63 -1.92	65.26 -8.24 -1.81	65.68 -7.90 -1.80	66.85 -7.49 -2.34	66.47 -8.80 -3.13	80.22 -10.56 -3.54	77.43 -11.43 -0.90	80.71 -7.23 0.31	64.22 -10.46 -1.04	62.55 -8.97 0.20	61.27 -9.32 1.11	61.09 -9.70 1.05	60.36 -9.26 2.16	60.72 -8.69 2.37	61.70 -9.14 1.09	63.96 -8.78 -0.81	73.91 -10.01 -1.22	71.35 -9.75 -0.53	63.66 -9.25 -0.62	69.62 -9.91 -3.85	65.54 -9.80 -3.28	65.83 -9.63 -3.61	64.64 -10.61 -3.55
BLUESTONE___WT_PWR 323821	91.24 3.98 -6.05	80.91 3.45 -5.53	80.17 3.23 -5.24	80.37 3.37 -5.22	82.46 3.67 -6.79	87.08 3.97 -10.97	106.27 5.32 -13.70	121.97 6.27 -28.11	114.87 6.27 -20.35	94.67 3.46 -17.57	83.41 2.72 -8.98	81.46 2.44 -7.33	79.67 2.37 -5.45	78.48 2.30 -4.41	76.70 2.37 -2.56	82.21 2.59 -7.71	90.39 3.24 -15.23	114.84 4.46 -27.68	112.56 4.35 -27.64	95.68 3.76 -19.63	94.01 3.63 -14.69	86.01 3.10 -10.85	87.71 2.58 -13.28	84.36 2.29 -10.37
BLUE_CIRC_CHEM_DRP 24182	105.41 3.33 -20.87	94.33 2.95 -19.45	93.06 2.94 -18.42	93.08 2.94 -18.36	98.84 2.95 -23.89	114.88 2.89 -39.84	141.19 3.32 -50.63	188.71 3.17 -97.57	163.39 3.35 -71.79	134.98 2.58 -58.76	105.20 2.51 -30.98	99.18 2.51 -24.97	93.25 2.59 -18.82	89.58 2.58 -15.22	83.04 2.44 -8.82	100.64 2.59 -26.14	127.57 2.52 -53.13	181.75 2.81 -96.24	177.32 2.74 -94.01	143.16 2.53 -68.34	126.74 2.65 -48.41	111.68 2.67 -36.95	118.75 2.73 -44.17	108.03 2.80 -33.53
BOC_GAS_DRP 24189	105.14 2.84 -21.08	92.96 2.45 -18.59	91.74 2.44 -17.60	91.76 2.44 -17.54	97.27 2.45 -22.82	112.38 2.45 -37.78	138.05 2.88 -47.92	187.67 2.82 -96.89	160.70 3.18 -69.28	134.70 2.58 -58.48	105.59 2.58 -31.30	99.51 2.58 -25.23	93.45 2.59 -19.01	89.74 2.58 -15.38	83.20 2.51 -8.91	100.84 2.52 -26.40	126.29 2.37 -52.00	180.89 2.65 -95.55	176.52 2.66 -93.29	141.89 2.31 -67.28	125.41 2.50 -47.22	110.09 2.38 -35.65	117.23 2.44 -42.94	107.94 2.37 -33.88
BOONVILLE_115KV_TB1 79983	83.46 1.71 -0.54	73.52 1.58 -0.01	73.13 1.43 0.00	73.28 1.51 0.00	73.66 1.66 0.00	74.12 1.95 -0.02	89.78 2.44 -0.09	92.61 2.90 -1.74	91.64 3.00 -0.39	76.66 1.91 -1.11	74.23 1.72 -0.80	73.92 1.58 -0.65	73.92 1.58 -0.49	73.75 1.58 -0.39	73.58 1.58 -0.23	74.32 1.73 -0.68	74.52 2.01 -0.58	87.05 2.65 -1.70	84.79 2.58 -1.65	75.48 2.24 -0.94	78.27 2.12 -0.46	74.10 1.87 -0.16	73.78 1.58 -0.35	74.15 1.58 -0.87
BORALEX_4TH_BRANCH 23824	108.38 6.01 -21.15	110.32 5.25 -33.14	108.32 5.09 -31.53	108.37 5.17 -31.42	118.14 5.26 -40.89	149.24 5.34 -71.75	186.13 6.63 -92.26	214.82 6.60 -120.25	209.30 7.06 -113.99	150.16 5.74 -70.78	108.71 5.59 -31.41	102.53 5.52 -25.31	96.46 5.53 -19.08	92.66 5.46 -15.43	86.25 5.53 -8.94	103.95 5.54 -26.49	152.74 5.61 -75.21	208.05 6.45 -118.91	203.58 6.36 -116.64	169.65 5.78 -91.57	152.16 6.06 -70.41	136.48 5.62 -58.80	143.43 5.46 -66.12	110.93 5.23 -33.99
BOWLINE___1 23526	102.46 4.38 -16.86	85.53 3.81 -9.80	84.57 3.65 -9.22	84.70 3.73 -9.19	87.77 3.81 -11.96	94.39 3.89 -18.34	115.03 4.97 -22.81	162.50 5.10 -69.42	133.81 5.73 -39.83	120.90 4.72 -42.54	101.33 4.59 -25.03	96.47 4.59 -20.17	91.65 4.60 -15.20	88.60 4.52 -12.30	83.57 4.66 -7.13	97.57 4.53 -21.12	109.90 4.46 -33.52	156.41 5.37 -68.35	152.35 5.23 -66.55	122.31 4.63 -45.39	110.24 4.85 -29.70	96.91 4.40 -20.45	102.37 4.24 -26.28	102.59 3.80 -27.09
BOWLINE___2 23595	102.54 4.46 -16.86	85.68 3.95 -9.80	84.72 3.80 -9.22	84.77 3.80 -9.19	87.84 3.89 -11.96	94.46 3.97 -18.34	115.21 5.15 -22.81	162.59 5.19 -69.43	133.90 5.82 -39.83	120.97 4.78 -42.54	101.40 4.66 -25.03	96.53 4.66 -20.18	91.72 4.67 -15.21	88.74 4.66 -12.30	83.71 4.81 -7.13	97.71 4.67 -21.12	110.05 4.61 -33.53	156.59 5.54 -68.35	152.52 5.40 -66.55	122.46 4.77 -45.40	110.31 4.92 -29.71	97.05 4.54 -20.45	102.44 4.31 -26.28	102.66 3.87 -27.10
BRADY___115KV_TB2 356060	81.38 0.16 0.00	72.36 0.43 0.00	72.27 0.57 0.00	72.28 0.50 0.00	72.22 0.22 0.00	72.15 0.00 0.00	86.37 -0.87 0.00	87.27 -0.70 0.00	87.01 -1.24 0.00	73.13 -0.52 0.00	71.21 -0.50 0.00	71.34 -0.36 0.00	71.63 -0.22 0.00	71.56 -0.22 0.00	71.42 -0.36 0.00	71.27 -0.65 0.00	71.42 -0.50 0.00	81.62 -1.08 0.00	79.68 -0.89 0.00	71.64 -0.65 0.00	74.93 -0.76 0.00	71.77 -0.29 0.00	71.85 0.00 0.00	72.13 0.43 0.00
BRANSCOMB___SOLAR 323811	108.95 5.93 -21.81	119.05 5.25 -41.87	116.81 5.23 -39.88	116.76 5.24 -39.74	129.04 5.33 -51.71	169.49 5.34 -92.00	212.63 6.72 -118.67	230.86 6.68 -136.21	236.39 6.97 -141.17	158.48 5.45 -79.39	108.96 4.88 -32.37	102.52 4.73 -26.09	96.25 4.74 -19.66	92.34 4.66 -15.90	85.80 4.81 -9.22	104.41 5.18 -27.31	167.16 5.46 -89.78	223.80 6.28 -134.82	219.26 6.20 -132.49	185.12 5.64 -107.19	166.43 5.91 -84.84	150.34 5.41 -72.87	157.50 5.24 -80.41	111.83 5.09 -35.04
BRENTWOD_69_KV_W. BRTWOOD 56703	106.07 7.39 -17.46	104.87 6.55 -26.39	102.25 6.38 -24.17	102.19 6.39 -24.02	100.74 6.55 -22.18	108.33 6.64 -29.54	134.88 8.64 -38.99	167.47 7.92 -71.58	142.98 9.35 -45.37	124.86 7.36 -43.86	105.04 7.53 -25.80	99.23 6.74 -20.80	94.49 6.97 -15.67	91.63 7.18 -12.68	92.09 7.90 -12.42	111.89 7.70 -32.28	146.81 7.48 -67.42	189.66 8.60 -98.36	183.79 8.46 -94.76	174.05 7.52 -94.24	149.52 7.80 -66.04	134.05 7.28 -54.71	124.86 7.26 -45.76	105.94 6.31 -27.93

BRISTLHL_115KV_TB1 79998	80.72 -1.87 -1.38	70.07 -1.87 -0.01	69.62 -2.08 0.00	69.84 -1.94 0.00	70.20 -1.80 0.00	70.62 -1.59 -0.06	86.00 -1.48 -0.24	90.99 -1.41 -4.42	87.56 -1.68 -0.99	74.77 -1.69 -2.82	72.03 -1.72 -2.05	71.48 -1.86 -1.65	71.08 -2.01 -1.24	70.77 -2.01 -1.00	70.42 -1.94 -0.58	71.85 -1.80 -1.73	71.75 -1.65 -1.49	85.62 -1.41 -4.33	83.31 -1.45 -4.19	73.32 -1.37 -2.40	75.43 -1.44 -1.18	70.75 -1.73 -0.42	70.80 -1.94 -0.90	71.98 -1.94 -2.21
BROOKHAVEN___DRP 24191	105.50 6.82 -17.46	104.51 6.19 -26.39	101.89 6.02 -24.17	101.90 6.10 -24.02	100.38 6.19 -22.18	107.83 6.13 -29.54	134.18 7.94 -38.99	166.85 7.30 -71.58	142.09 8.47 -45.37	124.13 6.63 -43.86	104.39 6.88 -25.80	98.23 5.74 -20.80	93.63 6.11 -15.67	90.91 6.46 -12.68	91.80 7.61 -12.42	111.17 6.98 -32.28	146.10 6.76 -67.42	189.16 8.10 -98.36	183.30 7.98 -94.76	173.62 7.08 -94.24	148.99 7.27 -66.04	133.54 6.77 -54.71	124.36 6.75 -45.76	105.36 5.74 -27.93
BROOKLYN_NAVY_YARD 23515	104.04 5.44 -17.38	86.79 4.75 -10.11	85.74 4.52 -9.52	85.86 4.60 -9.48	89.02 4.68 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.56	165.99 6.42 -71.60	136.49 7.14 -41.10	123.62 6.11 -43.87	103.54 6.02 -25.81	98.52 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.30 6.17 -7.35	99.59 5.90 -21.77	112.18 5.68 -34.58	159.97 6.78 -70.49	155.81 6.61 -68.63	124.97 5.85 -46.82	112.46 6.13 -30.64	98.71 5.55 -21.10	104.36 5.39 -27.12	104.44 4.80 -27.94
BROOKLYN___ARMY_DRP 323595	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
BROOKVLE_69_KV_TB1 55790	105.74 7.07 -17.46	104.51 6.19 -26.39	101.89 6.02 -24.17	101.83 6.03 -24.02	100.38 6.19 -22.18	107.97 6.28 -29.54	134.00 7.76 -38.99	167.21 7.65 -71.58	142.27 8.65 -45.37	124.42 6.92 -43.86	104.39 6.88 -25.80	98.95 6.45 -20.80	94.06 6.54 -15.67	91.06 6.60 -12.68	91.30 7.11 -12.41	111.10 6.90 -32.28	146.24 6.90 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.69 7.16 -94.24	148.99 7.27 -66.04	133.47 6.70 -54.71	124.07 6.47 -45.76	105.22 5.59 -27.93
BROOME_2_LFGE 323671	86.32 -0.48 -5.59	75.04 -0.65 -3.76	74.60 -0.65 -3.54	74.81 -0.50 -3.53	76.31 -0.29 -4.60	78.91 -0.43 -7.19	96.21 0.00 -8.97	111.70 -0.09 -23.82	103.61 0.62 -14.74	86.96 -0.66 -13.98	79.15 -0.86 -8.30	77.37 -0.93 -6.61	75.88 -1.01 -5.04	74.92 -0.94 -4.08	73.35 -0.79 -2.36	78.01 -0.79 -6.88	83.41 -0.43 -11.92	105.95 -0.17 -23.41	103.02 -0.16 -22.61	87.90 -0.29 -15.89	85.26 -0.38 -9.95	78.74 -0.65 -7.32	79.96 -0.86 -8.97	79.11 -1.00 -8.42
BROOME___LFGE 323600	86.32 -0.48 -5.59	75.04 -0.65 -3.76	74.60 -0.65 -3.54	74.81 -0.50 -3.53	76.31 -0.29 -4.60	78.91 -0.43 -7.19	96.21 0.00 -8.97	111.70 -0.09 -23.82	103.61 0.62 -14.74	86.96 -0.66 -13.98	79.15 -0.86 -8.30	77.37 -0.93 -6.61	75.88 -1.01 -5.04	74.92 -0.94 -4.08	73.35 -0.79 -2.36	78.01 -0.79 -6.88	83.41 -0.43 -11.92	105.95 -0.17 -23.41	103.02 -0.16 -22.61	87.90 -0.29 -15.89	85.26 -0.38 -9.95	78.74 -0.65 -7.32	79.96 -0.86 -8.97	79.11 -1.00 -8.42
BROWNFLS_115KV_TB_3_5 80003	81.41 -0.24 -0.44	71.86 -0.07 0.00	71.63 -0.07 0.00	71.63 -0.14 0.00	71.78 -0.22 0.00	71.95 -0.22 -0.02	86.54 -0.79 -0.08	89.04 -0.35 -1.42	88.04 -0.53 -0.32	74.03 -0.52 -0.91	72.01 -0.36 -0.66	71.80 -0.43 -0.53	71.89 -0.36 -0.40	71.67 -0.43 -0.32	71.53 -0.43 -0.19	71.83 -0.65 -0.56	71.97 -0.43 -0.48	83.60 -0.50 -1.40	81.51 -0.40 -1.35	72.70 -0.36 -0.77	75.54 -0.53 -0.38	71.91 -0.29 -0.14	71.92 -0.22 -0.29	72.55 0.14 -0.71
BROWNSV1_27_KV_LOAD 356125	104.77 6.17 -17.38	87.43 5.39 -10.11	86.38 5.16 -9.52	86.50 5.24 -9.48	89.67 5.33 -12.34	96.50 5.41 -18.94	117.87 7.07 -23.56	166.70 7.13 -71.60	137.29 7.94 -41.10	124.29 6.77 -43.87	104.19 6.67 -25.81	99.17 6.67 -20.80	94.21 6.68 -15.68	91.13 6.68 -12.68	85.87 6.75 -7.35	100.17 6.47 -21.77	112.83 6.33 -34.58	160.63 7.44 -70.49	156.54 7.33 -68.63	125.69 6.58 -46.82	112.99 6.66 -30.64	99.29 6.13 -21.10	105.00 6.04 -27.12	105.08 5.45 -27.94
BURROWS___LYONSDAL 23803	83.15 1.38 -0.56	73.23 1.29 -0.01	72.92 1.22 0.00	73.00 1.22 0.00	73.37 1.37 0.00	73.83 1.66 -0.02	89.44 2.09 -0.10	92.41 2.64 -1.80	91.30 2.65 -0.40	76.41 1.62 -1.14	73.97 1.43 -0.83	73.66 1.29 -0.67	73.65 1.29 -0.50	73.48 1.29 -0.41	73.31 1.29 -0.24	74.06 1.44 -0.70	74.25 1.73 -0.60	86.85 2.40 -1.76	84.61 2.34 -1.70	75.29 2.02 -0.98	78.06 1.89 -0.48	73.89 1.66 -0.17	73.58 1.37 -0.36	73.96 1.36 -0.90
CAITHNESS_CC_1 323624	105.18 6.50 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.68 5.89 -24.02	100.16 5.97 -22.18	107.68 5.99 -29.54	134.00 7.76 -38.99	166.68 7.12 -71.58	142.01 8.39 -45.37	124.05 6.55 -43.86	104.40 6.88 -25.80	98.38 5.88 -20.80	93.77 6.25 -15.67	90.91 6.46 -12.68	91.44 7.25 -12.42	111.03 6.84 -32.28	145.88 6.54 -67.42	188.92 7.86 -98.36	183.06 7.74 -94.76	173.40 6.87 -94.24	148.84 7.11 -66.04	133.40 6.63 -54.71	124.29 6.68 -45.76	105.29 5.66 -27.93
CALPINE BETH_PAGE_GT4 24209	105.34 6.66 -17.46	104.22 5.90 -26.39	101.61 5.74 -24.17	101.54 5.74 -24.02	100.02 5.83 -22.18	107.68 5.99 -29.54	133.57 7.33 -38.99	166.59 7.04 -71.58	141.74 8.12 -45.37	123.98 6.48 -43.86	103.96 6.45 -25.80	98.45 5.95 -20.80	93.63 6.11 -15.67	90.63 6.17 -12.68	90.94 6.75 -12.42	110.74 6.54 -32.28	145.88 6.54 -67.42	188.66 7.61 -98.36	182.90 7.57 -94.76	173.25 6.72 -94.24	148.62 6.89 -66.04	133.11 6.34 -54.71	123.71 6.11 -45.76	104.86 5.23 -27.93
CALPINE_BETH_PAGE_GT_4 323586	105.34 6.66 -17.46	104.22 5.90 -26.39	101.61 5.74 -24.17	101.54 5.74 -24.02	100.01 5.83 -22.18	107.68 5.99 -29.54	133.57 7.33 -38.99	166.59 7.04 -71.58	141.73 8.11 -45.37	123.98 6.48 -43.86	104.04 6.52 -25.80	98.52 6.02 -20.80	93.62 6.10 -15.67	90.63 6.17 -12.68	90.87 6.68 -12.42	110.67 6.48 -32.28	145.81 6.48 -67.42	188.66 7.60 -98.36	182.82 7.49 -94.76	173.18 6.65 -94.24	148.61 6.89 -66.04	133.11 6.34 -54.71	123.71 6.10 -45.76	104.86 5.23 -27.93
CALPINE_BP_GT1 23823	105.34 6.66 -17.46	104.22 5.90 -26.39	101.61 5.74 -24.17	101.54 5.74 -24.02	100.01 5.83 -22.18	107.68 5.99 -29.54	133.57 7.33 -38.99	166.59 7.04 -71.58	141.73 8.11 -45.37	123.98 6.48 -43.86	104.04 6.52 -25.80	98.52 6.02 -20.80	93.62 6.10 -15.67	90.63 6.17 -12.68	90.87 6.68 -12.42	110.67 6.48 -32.28	145.81 6.48 -67.42	188.66 7.60 -98.36	182.82 7.49 -94.76	173.18 6.65 -94.24	148.61 6.89 -66.04	133.11 6.34 -54.71	123.71 6.10 -45.76	104.86 5.23 -27.93
CALSPAN___DRP 24200	76.69 -7.39 -2.87	66.79 -6.91 -1.76	66.55 -6.81 -1.66	66.97 -6.46 -1.66	68.11 -6.05 -2.16	68.32 -6.71 -2.88	82.74 -7.76 -3.26	72.36 -8.45 7.16	75.79 -6.97 5.48	63.54 -7.51 2.59	61.54 -6.81 3.35	60.23 -7.38 4.08	61.28 -7.04 3.52	59.96 -6.89 4.92	60.40 -6.75 4.63	61.14 -6.69 4.09	61.94 -7.05 2.93	67.36 -8.93 6.40	65.83 -8.06 6.68	60.74 -6.87 4.68	71.74 -7.57 -3.62	67.61 -7.49 -3.04	67.62 -7.62 -3.39	67.45 -7.60 -3.36

CALVERTON___SOLAR 323806	105.50 6.82 -17.46	104.80 6.48 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	108.04 6.35 -29.54	134.44 8.20 -38.99	167.12 7.57 -71.58	142.45 8.82 -45.37	124.35 6.85 -43.86	104.75 7.24 -25.80	98.52 6.02 -20.80	94.06 6.54 -15.67	91.20 6.75 -12.68	91.88 7.68 -12.42	111.32 7.12 -32.28	146.24 6.90 -67.42	189.40 8.35 -98.36	183.55 8.22 -94.76	173.83 7.30 -94.24	149.30 7.57 -66.04	133.76 6.99 -54.71	124.58 6.97 -45.76	105.51 5.88 -27.93
CANDIGU_WT_PWR 323617	80.33 -4.71 -3.82	69.74 -4.60 -2.42	69.39 -4.59 -2.28	69.67 -4.38 -2.27	70.92 -4.03 -2.95	72.22 -4.54 -4.61	88.12 -4.88 -5.76	-6.00 -5.10 88.87	25.83 -4.15 58.27	28.48 -5.37 39.79	29.54 -6.10 36.08	29.48 -6.24 35.98	35.47 -6.32 30.06	29.69 -6.39 35.69	34.95 -6.39 30.44	29.35 -6.19 36.39	26.00 -5.61 40.30	-6.00 -5.96 82.74	-6.00 -5.72 80.85	8.70 -5.27 58.32	74.81 -5.15 -4.28	70.65 -5.33 -3.92	70.42 -5.53 -4.10	69.99 -5.67 -3.96
CARR STREET_E_SYR 24060	81.08 -1.71 -1.58	70.22 -1.73 -0.02	69.83 -1.86 0.00	69.99 -1.79 0.00	70.42 -1.58 0.00	70.77 -1.44 -0.06	86.30 -1.22 -0.27	91.89 -1.15 -5.06	88.15 -1.24 -1.13	75.40 -1.47 -3.23	72.04 -2.01 -2.34	71.58 -2.01 -1.89	71.40 -1.87 -1.42	70.99 -1.93 -1.15	70.51 -1.93 -0.67	72.10 -1.80 -1.98	71.97 -1.65 -1.70	86.00 -1.65 -4.96	83.83 -1.53 -4.79	73.67 -1.38 -2.75	75.67 -1.36 -1.35	70.96 -1.59 -0.48	71.01 -1.87 -1.03	72.37 -1.86 -2.53
CARTHAGE___PAPER 23857	82.73 0.73 -0.79	72.66 0.72 -0.01	72.34 0.64 0.00	72.42 0.64 0.00	72.72 0.72 0.00	73.33 1.15 -0.03	88.86 1.48 -0.14	92.78 2.28 -2.52	91.20 2.38 -0.57	76.42 1.17 -1.61	73.81 0.93 -1.17	73.36 0.72 -0.94	73.28 0.72 -0.71	73.07 0.72 -0.57	72.83 0.72 -0.33	73.84 0.93 -0.98	74.21 1.44 -0.85	87.40 2.23 -2.47	85.13 2.18 -2.39	75.54 1.88 -1.37	78.02 1.66 -0.67	73.74 1.44 -0.24	73.29 0.93 -0.51	74.04 1.08 -1.26
CASSADAGA_WT_PWR 323784	77.56 -6.66 -3.01	67.46 -6.33 -1.86	67.28 -6.17 -1.75	67.64 -5.88 -1.75	68.87 -5.40 -2.27	68.98 -6.21 -3.03	83.96 -6.72 -3.43	78.86 -7.21 1.90	81.55 -4.59 2.10	66.67 -6.70 0.27	63.60 -6.81 1.29	62.67 -6.88 2.14	62.83 -7.11 1.91	61.70 -6.96 3.11	61.88 -6.75 3.15	63.02 -6.76 2.13	64.53 -6.90 0.49	73.33 -7.94 1.43	71.09 -7.49 1.99	64.35 -6.72 1.22	72.83 -6.59 -3.73	68.68 -6.56 -3.17	68.59 -6.76 -3.50	68.13 -7.02 -3.45
CE_DUNWOOD___DRP 24194	103.76 5.20 -17.35	86.55 4.53 -10.09	85.57 4.37 -9.50	85.69 4.45 -9.47	88.85 4.54 -12.32	95.67 4.62 -18.90	116.60 5.85 -23.51	165.41 5.98 -71.45	135.88 6.62 -41.02	122.94 5.52 -43.78	102.91 5.45 -25.75	97.91 5.45 -20.76	92.95 5.46 -15.64	89.88 5.46 -12.65	84.64 5.53 -7.33	99.04 5.39 -21.73	111.75 5.32 -34.51	159.32 6.28 -70.34	155.26 6.20 -68.49	124.51 5.49 -46.72	111.87 5.60 -30.58	98.24 5.12 -21.06	103.87 4.96 -27.06	104.09 4.52 -27.88
CE_MILLWOOD___DRP 24193	103.53 5.04 -17.28	86.37 4.39 -10.05	85.39 4.23 -9.46	85.51 4.31 -9.43	88.66 4.39 -12.27	95.45 4.47 -18.83	116.34 5.67 -23.42	164.96 5.81 -71.18	135.55 6.44 -40.86	122.55 5.30 -43.61	102.60 5.23 -25.66	97.61 5.23 -20.68	92.68 5.24 -15.58	89.62 5.24 -12.60	84.47 5.38 -7.31	98.74 5.18 -21.64	111.41 5.11 -34.38	158.80 6.04 -70.07	154.76 5.96 -68.23	124.11 5.28 -46.54	111.60 5.45 -30.46	98.01 4.97 -20.98	103.62 4.81 -26.96	103.84 4.37 -27.77
CE_NYC2_DRP 24202	104.20 5.60 -17.39	87.00 4.96 -10.11	86.02 4.80 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.07 4.98 -18.94	117.09 6.28 -23.56	166.00 6.42 -71.61	136.50 7.15 -41.10	123.63 6.11 -43.88	103.69 6.17 -25.81	98.67 6.17 -20.80	93.78 6.25 -15.68	90.70 6.24 -12.68	85.44 6.32 -7.35	99.74 6.04 -21.78	112.40 5.90 -34.59	160.06 6.86 -70.50	155.98 6.77 -68.64	125.19 6.07 -46.82	112.47 6.13 -30.65	98.71 5.55 -21.10	104.57 5.60 -27.12	104.73 5.09 -27.94
CE_NYC_DRP 24195	104.20 5.60 -17.38	86.93 4.89 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.48	89.17 4.82 -12.34	96.07 4.98 -18.94	117.17 6.46 -23.47	162.43 6.51 -67.95	134.99 7.24 -39.51	123.49 6.19 -43.66	103.39 6.17 -25.52	98.67 6.17 -20.80	93.70 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.77	111.52 5.83 -33.77	157.47 6.86 -67.91	153.64 6.69 -66.38	123.56 5.93 -45.34	111.64 6.06 -29.90	98.71 5.55 -21.10	104.07 5.46 -26.76	104.21 4.95 -27.57
CHAFFEE___LFGE 323603	77.05 -7.15 -2.98	67.08 -6.69 -1.84	66.91 -6.52 -1.74	67.33 -6.17 -1.73	68.56 -5.69 -2.25	68.66 -6.49 -3.00	83.23 -7.42 -3.40	76.78 -8.09 3.10	79.72 -5.65 2.87	65.66 -7.21 0.76	62.49 -7.46 1.76	61.65 -7.46 2.59	61.95 -7.62 2.28	60.71 -7.54 3.53	60.96 -7.32 3.49	62.15 -7.19 2.58	63.32 -7.55 1.05	71.53 -8.60 2.56	69.30 -8.22 3.05	62.84 -7.44 2.01	72.23 -7.19 -3.73	68.09 -7.14 -3.16	68.02 -7.33 -3.50	67.77 -7.38 -3.45
CHATEAUG_35_KV_LOAD 355732	79.67 -1.54 0.00	70.63 -1.29 0.00	70.62 -1.08 0.00	70.41 -1.36 0.00	70.34 -1.66 0.00	70.06 -2.09 0.00	84.11 -3.14 0.00	84.89 -3.08 0.00	84.63 -3.62 0.00	71.21 -2.43 0.00	69.20 -2.51 0.00	69.33 -2.37 0.00	69.48 -2.37 0.00	69.34 -2.44 0.00	69.26 -2.51 0.00	69.19 -2.73 0.00	69.33 -2.59 0.00	79.06 -3.64 0.00	77.27 -3.30 0.00	69.33 -2.96 0.00	72.74 -2.95 0.00	69.61 -2.45 0.00	69.62 -2.23 0.00	70.05 -1.65 0.00
CHATEAUG_WT_PWR 323614	79.51 -1.71 0.00	70.42 -1.51 0.00	70.41 -1.29 0.00	70.20 -1.58 0.00	70.06 -1.94 0.00	69.70 -2.45 0.00	83.67 -3.58 0.00	84.54 -3.43 0.00	84.19 -4.06 0.00	70.84 -2.80 0.00	69.56 -2.15 0.00	69.33 -2.36 0.00	69.26 -2.58 0.00	69.26 -2.51 0.00	69.20 -2.58 0.00	69.04 -2.88 0.00	69.04 -2.88 0.00	79.14 -3.55 0.00	77.11 -3.46 0.00	69.04 -3.25 0.00	72.21 -3.48 0.00	69.18 -2.88 0.00	69.26 -2.58 0.00	69.69 -2.01 0.00
CHAT_HIGH_FALL_HYD 323578	79.67 -1.54 0.00	70.63 -1.29 0.00	70.62 -1.08 0.00	70.41 -1.36 0.00	70.34 -1.66 0.00	70.06 -2.09 0.00	84.11 -3.14 0.00	84.89 -3.08 0.00	84.63 -3.62 0.00	71.21 -2.43 0.00	69.20 -2.51 0.00	69.33 -2.37 0.00	69.48 -2.37 0.00	69.34 -2.44 0.00	69.26 -2.51 0.00	69.19 -2.73 0.00	69.33 -2.59 0.00	79.06 -3.64 0.00	77.27 -3.30 0.00	69.33 -2.96 0.00	72.74 -2.95 0.00	69.61 -2.45 0.00	69.62 -2.23 0.00	70.05 -1.65 0.00
CHAUTAUQUA___LFGE 323629	77.32 -6.82 -2.92	67.19 -6.54 -1.80	66.87 -6.52 -1.70	67.23 -6.25 -1.69	68.44 -5.76 -2.20	68.74 -6.35 -2.94	83.51 -7.06 -3.33	74.61 -7.65 5.70	77.87 -5.83 4.55	64.74 -6.93 1.98	61.25 -7.67 2.79	60.62 -7.53 3.55	61.08 -7.69 3.08	59.59 -7.75 4.44	59.93 -7.61 4.24	61.02 -7.34 3.56	61.90 -7.77 2.25	68.83 -8.85 5.02	66.80 -8.38 5.39	61.20 -7.37 3.72	72.46 -6.89 -3.66	68.24 -6.92 -3.10	68.16 -7.11 -3.43	68.06 -7.02 -3.39
CHERRYST_13_KV_LD 356241	104.37 5.77 -17.38	87.07 5.04 -10.11	86.09 4.88 -9.52	86.21 4.95 -9.48	89.38 5.04 -12.34	96.21 5.12 -18.94	117.43 6.72 -23.47	162.69 6.77 -67.95	135.34 7.59 -39.51	123.78 6.48 -43.66	103.68 6.45 -25.52	98.95 6.45 -20.80	93.99 6.47 -15.68	90.92 6.46 -12.68	85.66 6.53 -7.35	99.88 6.19 -21.77	111.74 6.04 -33.77	157.72 7.11 -67.91	153.96 7.01 -66.38	123.77 6.14 -45.34	111.87 6.28 -29.90	98.93 5.76 -21.10	104.28 5.68 -26.76	104.36 5.09 -27.57

CHESTROR_138KV_BK263 355645	101.52 4.14 -16.16	84.91 3.60 -9.38	83.97 3.44 -8.83	84.09 3.52 -8.80	87.05 3.60 -11.45	93.39 3.68 -17.56	113.79 4.71 -21.84	159.34 4.84 -66.53	131.69 5.29 -38.15	118.68 4.27 -40.77	99.86 4.16 -23.99	95.19 4.16 -19.34	90.59 4.17 -14.57	87.73 4.16 -11.79	82.84 4.23 -6.83	96.33 4.17 -20.24	108.28 4.24 -32.12	153.24 5.04 -65.50	149.34 5.00 -63.77	120.20 4.41 -43.49	108.61 4.47 -28.46	95.76 4.11 -19.59	100.91 3.88 -25.18	101.18 3.51 -25.97
CH_MIDHUDSON___DRP 24192	104.18 5.28 -17.68	86.93 4.60 -10.39	85.93 4.45 -9.79	86.05 4.52 -9.75	89.30 4.61 -12.69	96.36 4.69 -19.52	117.47 5.93 -24.29	167.31 6.33 -73.01	137.27 6.88 -42.14	123.88 5.52 -44.72	103.27 5.31 -26.25	98.17 5.31 -21.16	93.11 5.32 -15.95	89.99 5.31 -12.90	84.64 5.38 -7.48	99.39 5.32 -22.15	112.74 5.47 -35.35	161.02 6.45 -71.88	156.92 6.36 -69.99	125.74 5.64 -47.81	112.78 5.75 -31.34	98.96 5.26 -21.64	104.70 5.10 -27.76	104.78 4.66 -28.42
CH_MISC_IPPS 23765	104.19 5.60 -17.38	87.02 4.89 -10.19	86.03 4.73 -9.60	86.15 4.81 -9.56	89.34 4.90 -12.44	96.26 4.97 -19.13	117.42 6.37 -23.81	166.29 6.60 -71.72	136.74 7.14 -41.35	123.24 5.67 -43.93	102.82 5.31 -25.80	97.87 5.38 -20.80	92.84 5.32 -15.67	89.69 5.24 -12.68	84.58 5.45 -7.35	99.08 5.40 -21.77	112.17 5.54 -34.71	160.00 6.70 -70.60	155.93 6.61 -68.75	125.03 5.79 -46.95	112.44 5.98 -30.77	98.77 5.47 -21.23	104.33 5.24 -27.24	104.43 4.80 -27.93
CH_RES_BVR_FALLS 23983	79.76 -1.46 0.00	70.71 -1.22 0.00	70.48 -1.22 0.00	70.41 -1.37 0.00	70.42 -1.58 0.00	70.35 -1.80 0.00	84.71 -2.53 0.00	85.42 -2.55 0.00	85.34 -2.91 0.00	71.58 -2.06 0.00	70.13 -1.58 0.00	70.12 -1.58 0.00	70.20 -1.65 0.00	70.20 -1.58 0.00	70.13 -1.65 0.00	70.19 -1.73 0.00	70.19 -1.73 0.00	80.55 -2.15 0.00	78.47 -2.10 0.00	70.41 -1.88 0.00	73.65 -2.04 0.00	70.33 -1.73 0.00	70.27 -1.58 0.00	70.26 -1.43 0.00
CH_RES_NIAGARA 23895	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.82 -1.52	65.83 -7.46 -1.52	66.85 -7.13 -1.97	67.79 -7.00 -2.64	80.90 -9.34 -2.99	75.15 -9.24 3.59	74.79 -10.32 3.13	64.72 -8.03 0.89	62.58 -7.24 1.88	60.79 -8.32 2.59	60.23 -9.34 2.28	59.16 -9.19 3.43	59.46 -8.97 3.35	60.35 -8.99 2.58	61.03 -9.57 1.33	69.49 -10.09 3.12	67.28 -9.91 3.38	60.62 -9.33 2.35	69.50 -9.61 -3.43	65.23 -9.66 -2.83	65.33 -9.70 -3.19	66.13 -8.75 -3.18
CH_RES_SYRACUSE 23985	82.01 -0.97 -1.76	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.07	87.12 -0.43 -0.31	93.28 -0.35 -5.66	89.08 -0.44 -1.27	76.37 -0.88 -3.61	72.89 -1.43 -2.62	72.38 -1.43 -2.11	72.07 -1.37 -1.59	71.70 -1.37 -1.29	71.16 -1.37 -0.75	72.91 -1.22 -2.21	72.82 -1.01 -1.91	87.42 -0.83 -5.55	85.20 -0.73 -5.36	74.72 -0.65 -3.08	76.59 -0.61 -1.51	71.66 -0.94 -0.54	71.77 -1.22 -1.15	73.31 -1.22 -2.83
CLINTON_WT_PWR 323605	79.51 -1.71 0.00	70.42 -1.51 0.00	70.41 -1.29 0.00	70.20 -1.58 0.00	70.06 -1.94 0.00	69.70 -2.45 0.00	83.67 -3.58 0.00	84.54 -3.43 0.00	84.19 -4.06 0.00	70.84 -2.80 0.00	69.56 -2.15 0.00	69.33 -2.36 0.00	69.26 -2.58 0.00	69.26 -2.51 0.00	69.20 -2.58 0.00	69.04 -2.88 0.00	69.04 -2.88 0.00	79.14 -3.55 0.00	77.11 -3.46 0.00	69.04 -3.25 0.00	72.21 -3.48 0.00	69.18 -2.88 0.00	69.26 -2.58 0.00	69.69 -2.01 0.00
CLINTON___LFGE 323618	80.89 -0.32 0.00	71.71 -0.22 0.00	71.63 -0.07 0.00	71.42 -0.36 0.00	71.35 -0.65 0.00	70.85 -1.30 0.00	84.98 -2.27 0.00	85.95 -2.02 0.00	85.51 -2.74 0.00	72.02 -1.62 0.00	70.70 -1.00 0.00	70.55 -1.15 0.00	70.34 -1.51 0.00	70.34 -1.43 0.00	70.20 -1.58 0.00	70.12 -1.80 0.00	70.19 -1.73 0.00	80.55 -2.15 0.00	78.47 -2.10 0.00	70.19 -2.10 0.00	73.42 -2.27 0.00	70.26 -1.80 0.00	70.20 -1.65 0.00	70.84 -0.86 0.00
COBBLENY_34_KV_TB1 80064	77.05 -7.15 -2.98	67.08 -6.69 -1.84	66.91 -6.52 -1.74	67.33 -6.17 -1.73	68.49 -5.76 -2.25	68.66 -6.49 -3.00	83.23 -7.42 -3.40	76.78 -8.09 3.10	79.20 -6.18 2.87	65.66 -7.22 0.76	63.35 -6.60 1.76	62.09 -7.03 2.59	63.18 -6.39 2.28	62.00 -6.24 3.53	62.19 -6.10 3.49	63.23 -6.11 2.58	64.47 -6.40 1.05	71.62 -8.52 2.56	70.03 -7.49 3.05	64.06 -6.22 2.01	72.23 -7.19 -3.73	68.09 -7.13 -3.16	68.09 -7.26 -3.50	67.77 -7.38 -3.45
COFFEEN___115KV_TB3 355620	84.06 1.95 -0.90	73.74 1.80 -0.01	73.28 1.58 0.00	73.36 1.58 0.00	73.80 1.80 0.00	74.57 2.38 -0.04	90.54 3.14 -0.16	95.08 4.22 -2.89	92.95 4.06 -0.65	77.76 2.28 -1.84	74.91 1.86 -1.34	74.35 1.58 -1.08	74.24 1.58 -0.81	73.94 1.51 -0.66	73.81 1.65 -0.38	75.13 2.09 -1.13	75.62 2.73 -0.97	89.50 3.97 -2.83	87.17 3.87 -2.73	77.26 3.40 -1.57	79.56 3.10 -0.77	74.93 2.59 -0.27	74.37 1.94 -0.59	75.15 2.01 -1.45
COLDSPRG_115KV_BK1 355956	78.50 -5.85 -3.14	68.34 -5.54 -1.95	68.66 -4.88 -1.84	69.01 -4.59 -1.83	70.28 -4.10 -2.38	69.84 -5.48 -3.18	85.17 -5.67 -3.59	85.91 -6.16 -4.10	87.89 -2.12 -1.76	70.25 -5.82 -2.43	67.40 -5.38 -1.07	66.41 -5.38 -0.08	68.42 -3.38 0.05	67.45 -3.30 1.02	67.05 -3.30 1.43	68.80 -3.24 -0.12	70.76 -3.45 -2.29	80.32 -6.62 -4.24	78.95 -5.00 -3.38	71.84 -3.18 -2.73	74.23 -5.30 -3.84	70.10 -5.26 -3.30	70.00 -5.46 -3.61	68.94 -6.31 -3.55
COLONIE_LFGE___ 323577	107.54 4.79 -21.53	113.83 4.24 -37.65	111.70 4.16 -35.85	111.66 4.16 -35.72	122.73 4.25 -46.48	158.61 4.26 -82.20	198.35 5.23 -105.87	221.79 5.19 -128.63	221.87 5.56 -128.06	153.45 4.49 -75.32	107.90 4.23 -31.97	101.62 4.16 -25.76	95.43 4.17 -19.42	91.64 4.16 -15.70	85.04 4.16 -9.10	103.20 4.31 -26.97	159.02 4.31 -82.78	214.92 4.96 -127.26	210.36 4.83 -124.96	176.42 4.41 -99.71	158.29 4.69 -77.90	142.54 4.40 -66.08	149.69 4.31 -73.53	110.46 4.16 -34.60
COOPERNY_115KV_TB1 80082	97.38 3.00 -13.16	82.20 2.59 -7.68	81.44 2.51 -7.23	81.50 2.51 -7.21	83.97 2.59 -9.38	89.21 2.67 -14.39	108.62 3.49 -17.89	145.74 3.52 -54.25	123.41 3.97 -31.19	109.97 3.09 -33.23	94.26 3.01 -19.54	90.46 3.01 -15.75	86.73 3.02 -11.87	84.39 3.01 -9.60	80.43 3.09 -5.56	91.42 3.02 -16.48	101.24 3.09 -26.22	139.82 3.72 -53.40	136.20 3.63 -52.00	111.04 3.25 -35.49	102.19 3.25 -23.24	91.04 2.95 -16.02	95.22 2.80 -20.57	95.36 2.51 -21.15
COPENHAGEN_WT_PWR 323753	83.20 1.05 -0.93	72.94 1.01 -0.01	72.49 0.79 0.00	72.57 0.79 0.00	72.93 0.93 0.00	73.63 1.44 -0.04	89.42 2.01 -0.16	93.95 2.99 -2.99	91.82 2.91 -0.67	77.02 1.47 -1.90	74.02 0.93 -1.38	73.53 0.72 -1.11	73.48 0.79 -0.84	73.25 0.79 -0.68	72.96 0.79 -0.39	74.23 1.15 -1.17	74.65 1.72 -1.00	88.27 2.65 -2.93	85.97 2.58 -2.83	76.16 2.24 -1.62	78.53 2.04 -0.79	74.00 1.66 -0.28	73.53 1.08 -0.61	74.41 1.22 -1.49
CORNELL_____ 23752	86.06 0.97 -3.87	75.08 0.58 -2.57	74.55 0.43 -2.43	74.77 0.57 -2.42	76.01 0.86 -3.14	78.10 1.01 -4.94	95.42 2.01 -6.17	113.00 2.11 -22.92	104.67 2.12 -14.31	92.98 0.81 -18.53	80.46 0.43 -8.32	79.77 0.14 -7.93	77.55 0.14 -5.56	77.12 0.14 -5.20	75.68 0.29 -3.61	81.04 0.58 -8.54	84.18 1.08 -11.18	106.59 1.65 -22.24	108.26 1.77 -25.92	89.02 1.52 -15.21	91.61 1.29 -14.64	80.71 0.72 -7.93	84.54 0.43 -12.27	83.90 0.22 -11.99

CORONA__69_KV_TB1 355595	105.50 6.82 -17.46	104.29 5.97 -26.39	101.68 5.81 -24.17	101.68 5.89 -24.02	100.16 5.98 -22.18	107.68 5.99 -29.54	133.74 7.50 -38.99	166.85 7.30 -71.58	141.83 8.21 -45.37	124.13 6.63 -43.86	104.11 6.60 -25.80	98.66 6.17 -20.80	93.77 6.25 -15.67	90.77 6.32 -12.68	90.93 6.75 -12.41	110.81 6.62 -32.28	145.95 6.62 -67.42	188.91 7.86 -98.36	183.14 7.82 -94.76	173.47 6.94 -94.24	148.77 7.04 -66.04	133.18 6.41 -54.71	123.86 6.25 -45.76	105.00 5.38 -27.93
CORTLAND__115KV_TB3 80093	84.67 0.32 -3.13	74.03 0.14 -1.96	73.54 0.00 -1.85	73.76 0.14 -1.84	74.75 0.36 -2.39	75.78 0.43 -3.19	91.99 1.13 -3.61	102.32 1.23 -13.12	97.19 1.32 -7.62	83.45 0.29 -9.51	76.43 0.07 -4.65	75.59 -0.07 -3.96	74.60 -0.07 -2.82	74.06 0.00 -2.28	73.17 0.07 -1.32	76.37 0.22 -4.24	78.94 0.58 -6.45	96.50 0.91 -12.90	95.34 1.05 -13.73	81.82 0.87 -8.66	84.07 0.68 -7.70	77.10 0.29 -4.75	78.49 0.00 -6.64	78.14 -0.14 -6.58
COXSACKIE__GT 23611	107.53 6.09 -20.23	95.95 5.32 -18.70	94.72 5.31 -17.72	94.74 5.31 -17.65	100.30 5.33 -22.97	115.90 5.48 -38.27	142.32 6.46 -48.62	188.99 6.68 -94.33	164.08 6.70 -69.13	134.97 4.49 -56.83	105.39 3.66 -30.03	99.48 3.58 -24.20	93.61 3.52 -18.24	90.04 3.52 -14.75	83.77 3.45 -8.55	101.28 4.03 -25.33	127.93 4.75 -51.27	181.53 5.79 -93.04	177.09 5.64 -90.88	143.06 4.77 -65.99	127.37 4.99 -46.68	112.32 4.68 -35.58	119.03 4.60 -42.58	109.08 4.88 -32.50
CPV_VALLEY__CC1 323721	99.71 3.41 -15.09	83.63 2.95 -8.75	82.73 2.79 -8.23	82.86 2.87 -8.21	85.63 2.95 -10.68	91.54 3.03 -16.36	111.52 3.93 -20.34	154.03 3.96 -62.09	128.33 4.50 -35.58	115.30 3.61 -38.05	97.55 3.44 -22.40	93.19 3.44 -18.05	88.90 3.45 -13.60	86.22 3.45 -11.00	81.74 3.59 -6.38	94.27 3.45 -18.89	105.34 3.45 -29.97	148.04 4.22 -61.13	144.19 4.11 -59.52	116.49 3.61 -40.59	106.02 3.78 -26.55	93.72 3.39 -18.27	98.57 3.24 -23.49	98.81 2.87 -24.24
CPV_VALLEY__CC2 323722	99.71 3.41 -15.09	83.63 2.95 -8.75	82.73 2.79 -8.23	82.86 2.87 -8.21	85.63 2.95 -10.68	91.54 3.03 -16.36	111.52 3.93 -20.34	154.03 3.96 -62.09	128.33 4.50 -35.58	115.30 3.61 -38.05	97.55 3.44 -22.40	93.19 3.44 -18.05	88.90 3.45 -13.60	86.22 3.45 -11.00	81.74 3.59 -6.38	94.27 3.45 -18.89	105.34 3.45 -29.97	148.04 4.22 -61.13	144.19 4.11 -59.52	116.49 3.61 -40.59	106.02 3.78 -26.55	93.72 3.39 -18.27	98.57 3.24 -23.49	98.81 2.87 -24.24
CRESCENT__HYD 24018	107.54 4.79 -21.53	113.83 4.24 -37.65	111.70 4.16 -35.85	111.66 4.16 -35.72	122.73 4.25 -46.48	158.61 4.26 -82.20	198.35 5.23 -105.87	221.79 5.19 -128.63	221.87 5.56 -128.06	153.45 4.49 -75.32	107.90 4.23 -31.97	101.62 4.16 -25.76	95.43 4.17 -19.42	91.64 4.16 -15.70	85.04 4.16 -9.10	103.20 4.31 -26.97	159.02 4.31 -82.78	214.92 4.96 -127.26	210.36 4.83 -124.96	176.42 4.41 -99.71	158.29 4.69 -77.90	142.54 4.40 -66.08	149.69 4.31 -73.53	110.46 4.16 -34.60
CRICKET__VALLEY_CC1 323756	104.44 4.95 -18.27	87.44 4.32 -11.20	86.48 4.23 -10.55	86.52 4.23 -10.51	90.00 4.32 -13.68	97.80 4.40 -21.24	119.25 5.50 -26.51	169.68 5.55 -76.16	139.37 6.18 -44.95	125.24 5.01 -46.59	103.71 4.88 -27.13	98.44 4.88 -21.86	93.21 4.89 -16.48	89.99 4.88 -13.33	84.45 4.95 -7.72	99.70 4.89 -22.88	113.99 4.82 -37.26	163.39 5.70 -74.99	159.17 5.55 -73.04	127.43 4.98 -50.16	114.02 5.22 -33.12	99.90 4.75 -23.09	105.92 4.67 -29.41	105.36 4.30 -29.36
CRICKET__VALLEY_CC2 323757	104.44 4.95 -18.27	87.44 4.32 -11.20	86.48 4.23 -10.55	86.52 4.23 -10.51	90.00 4.32 -13.68	97.80 4.40 -21.24	119.25 5.50 -26.51	169.68 5.55 -76.16	139.37 6.18 -44.95	125.24 5.01 -46.59	103.71 4.88 -27.13	98.44 4.88 -21.86	93.21 4.89 -16.48	89.99 4.88 -13.33	84.45 4.95 -7.72	99.70 4.89 -22.88	113.99 4.82 -37.26	163.39 5.70 -74.99	159.17 5.55 -73.04	127.43 4.98 -50.16	114.02 5.22 -33.12	99.90 4.75 -23.09	105.92 4.67 -29.41	105.36 4.30 -29.36
CRICKET__VALLEY_CC3 323758	104.44 4.95 -18.27	87.44 4.32 -11.20	86.48 4.23 -10.55	86.52 4.23 -10.51	90.00 4.32 -13.68	97.80 4.40 -21.24	119.25 5.50 -26.51	169.68 5.55 -76.16	139.37 6.18 -44.95	125.24 5.01 -46.59	103.71 4.88 -27.13	98.44 4.88 -21.86	93.21 4.89 -16.48	89.99 4.88 -13.33	84.45 4.95 -7.72	99.70 4.89 -22.88	113.99 4.82 -37.26	163.39 5.70 -74.99	159.17 5.55 -73.04	127.43 4.98 -50.16	114.02 5.22 -33.12	99.90 4.75 -23.09	105.92 4.67 -29.41	105.36 4.30 -29.36
CRUCIBLE__METL_DRP 24180	82.00 -0.97 -1.76	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.07	87.12 -0.44 -0.31	93.28 -0.35 -5.66	88.99 -0.53 -1.27	76.37 -0.88 -3.61	73.39 -0.93 -2.62	72.66 -1.15 -2.11	72.15 -1.29 -1.59	71.84 -1.22 -1.29	71.37 -1.15 -0.75	73.12 -1.01 -2.21	73.03 -0.79 -1.91	87.75 -0.50 -5.55	85.45 -0.48 -5.36	74.79 -0.58 -3.08	76.59 -0.61 -1.51	71.66 -0.94 -0.54	71.85 -1.15 -1.15	73.31 -1.22 -2.83
DAHOWA__HYDRO 323763	109.57 6.50 -21.85	120.15 5.76 -42.47	117.82 5.66 -40.46	117.83 5.74 -40.31	130.29 5.83 -52.46	171.38 5.84 -93.39	215.06 7.33 -120.48	232.57 7.30 -137.31	238.96 7.67 -143.04	159.59 5.96 -79.99	109.46 5.31 -32.44	103.01 5.17 -26.15	96.73 5.18 -19.71	92.81 5.10 -15.94	86.25 5.24 -9.24	104.90 5.61 -27.37	168.59 5.90 -90.78	225.47 6.86 -135.92	220.83 6.68 -133.58	186.69 6.14 -108.26	167.94 6.43 -85.83	151.73 5.83 -73.83	158.85 5.61 -81.39	112.33 5.52 -35.11
DANC__LFGE 323619	82.15 -0.16 -1.10	71.80 -0.14 -0.01	71.34 -0.36 0.00	71.42 -0.36 0.00	71.79 -0.22 0.00	72.41 0.22 -0.04	88.05 0.62 -0.19	92.63 1.14 -3.52	90.10 1.06 -0.79	76.03 0.15 -2.24	72.91 -0.43 -1.63	72.51 -0.50 -1.31	72.41 -0.43 -0.99	72.08 -0.50 -0.80	71.81 -0.43 -0.46	73.15 -0.14 -1.37	73.39 0.29 -1.18	86.97 0.83 -3.45	84.71 0.81 -3.33	74.85 0.65 -1.91	77.16 0.53 -0.94	72.61 0.22 -0.33	72.28 -0.29 -0.71	73.39 -0.07 -1.76
DANSKAMMER__1 23586	104.19 5.60 -17.38	87.02 4.89 -10.19	86.03 4.73 -9.60	86.15 4.81 -9.56	89.34 4.90 -12.44	96.26 4.97 -19.13	117.42 6.37 -23.81	166.29 6.60 -71.72	136.74 7.14 -41.35	123.24 5.67 -43.93	102.82 5.31 -25.80	97.87 5.38 -20.80	92.84 5.32 -15.67	89.69 5.24 -12.68	84.58 5.45 -7.35	99.08 5.40 -21.77	112.17 5.54 -34.71	160.00 6.70 -70.60	155.93 6.61 -68.75	125.03 5.79 -46.95	112.44 5.98 -30.77	98.77 5.47 -21.23	104.33 5.24 -27.24	104.43 4.80 -27.93
DANSKAMMER__2 23589	104.19 5.60 -17.38	87.02 4.89 -10.19	86.03 4.73 -9.60	86.15 4.81 -9.56	89.34 4.90 -12.44	96.26 4.97 -19.13	117.42 6.37 -23.81	166.29 6.60 -71.72	136.74 7.14 -41.35	123.24 5.67 -43.93	102.82 5.31 -25.80	97.87 5.38 -20.80	92.84 5.32 -15.67	89.69 5.24 -12.68	84.58 5.45 -7.35	99.08 5.40 -21.77	112.17 5.54 -34.71	160.00 6.70 -70.60	155.93 6.61 -68.75	125.03 5.79 -46.95	112.44 5.98 -30.77	98.77 5.47 -21.23	104.33 5.24 -27.24	104.43 4.80 -27.93
DANSKAMMER__3 23590	104.19 5.60 -17.38	87.02 4.89 -10.19	86.03 4.73 -9.60	86.15 4.81 -9.56	89.34 4.90 -12.44	96.26 4.97 -19.13	117.42 6.37 -23.81	166.29 6.60 -71.72	136.74 7.14 -41.35	123.24 5.67 -43.93	102.82 5.31 -25.80	97.87 5.38 -20.80	92.84 5.32 -15.67	89.69 5.24 -12.68	84.58 5.45 -7.35	99.08 5.40 -21.77	112.17 5.54 -34.71	160.00 6.70 -70.60	155.93 6.61 -68.75	125.03 5.79 -46.95	112.44 5.98 -30.77	98.77 5.47 -21.23	104.33 5.24 -27.24	104.43 4.80 -27.93

DANSKAMMER___4 23591	104.19 5.60 -17.38	87.02 4.89 -10.19	86.03 4.73 -9.60	86.15 4.81 -9.56	89.34 4.90 -12.44	96.26 4.97 -19.13	117.42 6.37 -23.81	166.29 6.60 -71.72	136.74 7.14 -41.35	123.24 5.67 -43.93	102.82 5.31 -25.80	97.87 5.38 -20.80	92.84 5.32 -15.67	89.69 5.24 -12.68	84.58 5.45 -7.35	99.08 5.40 -21.77	112.17 5.54 -34.71	160.00 6.70 -70.60	155.93 6.61 -68.75	125.03 5.79 -46.95	112.44 5.98 -30.77	98.77 5.47 -21.23	104.33 5.24 -27.24	104.43 4.80 -27.93
DANSKAMMER___DIESEL 23592	104.20 5.60 -17.38	87.01 4.89 -10.19	86.03 4.73 -9.60	86.15 4.81 -9.56	89.27 4.82 -12.44	96.26 4.98 -19.13	117.43 6.37 -23.81	166.28 6.60 -71.72	136.75 7.15 -41.35	123.24 5.67 -43.93	102.89 5.38 -25.80	97.87 5.38 -20.80	92.91 5.39 -15.67	89.84 5.38 -12.68	84.65 5.53 -7.35	99.15 5.47 -21.77	112.24 5.61 -34.71	160.08 6.78 -70.60	156.01 6.69 -68.75	125.10 5.86 -46.95	112.44 5.98 -30.77	98.77 5.48 -21.23	104.34 5.24 -27.24	104.43 4.80 -27.93
DARBY___SOLAR 323810	109.03 6.01 -21.81	119.15 5.32 -41.90	116.92 5.31 -39.91	116.86 5.31 -39.77	129.15 5.40 -51.75	169.64 5.41 -92.07	212.81 6.81 -118.76	231.01 6.77 -136.26	236.58 7.06 -141.27	158.59 5.53 -79.42	108.96 4.88 -32.38	102.60 4.80 -26.09	96.25 4.74 -19.67	92.42 4.74 -15.90	85.88 4.88 -9.22	104.41 5.18 -27.31	167.21 5.46 -89.83	223.94 6.37 -134.88	219.31 6.20 -132.54	185.17 5.64 -107.24	166.48 5.91 -84.89	150.38 5.41 -72.91	157.55 5.24 -80.46	111.91 5.17 -35.04
DASHVILLE___HYD 23610	102.98 3.90 -17.87	87.17 3.38 -11.86	86.11 3.23 -11.19	86.22 3.30 -11.15	89.89 3.38 -14.50	98.58 3.54 -22.89	120.56 4.62 -28.69	168.47 4.57 -75.92	140.02 5.03 -46.74	123.93 3.98 -46.31	101.96 3.73 -26.53	96.81 3.73 -21.38	91.63 3.66 -16.11	88.47 3.66 -13.03	83.13 3.80 -7.55	98.04 3.74 -22.38	113.75 3.96 -37.87	162.35 4.88 -74.78	158.27 4.83 -72.87	127.04 4.19 -50.55	113.83 4.31 -33.83	99.90 3.82 -24.02	105.64 3.59 -30.20	103.57 3.15 -28.71
DEERFIELD_69_KV_DEERFIELD LD 355887	107.04 8.37 -17.46	105.95 7.62 -26.39	103.40 7.53 -24.17	103.33 7.54 -24.02	101.82 7.63 -22.18	109.20 7.50 -29.54	135.92 9.68 -38.99	168.79 9.24 -71.58	143.95 10.32 -45.37	125.45 7.95 -43.86	105.69 8.17 -25.80	99.23 6.74 -20.80	94.71 7.18 -15.67	92.06 7.61 -12.68	93.09 8.90 -12.42	112.47 8.27 -32.28	147.46 8.13 -67.42	190.98 9.92 -98.36	185.16 9.83 -94.76	175.28 8.75 -94.24	150.51 8.78 -66.04	134.91 8.14 -54.71	125.65 8.05 -45.76	106.51 6.88 -27.93
DELAWARE___LFGE 323621	91.41 2.68 -7.52	83.03 2.37 -8.73	82.28 2.29 -8.28	82.40 2.37 -8.25	85.19 2.45 -10.74	92.39 2.60 -17.65	112.71 3.40 -22.06	129.46 3.61 -37.88	123.08 3.97 -30.86	98.97 2.72 -22.60	85.38 2.51 -11.16	83.06 2.37 -8.99	81.07 2.44 -6.78	79.70 2.44 -5.48	77.47 2.51 -3.18	83.92 2.59 -9.41	96.53 2.73 -21.87	123.46 3.39 -37.38	120.55 3.38 -36.60	102.80 3.04 -27.47	98.73 2.88 -20.17	90.70 2.59 -16.04	92.86 2.37 -18.65	85.93 2.15 -12.08
DERFIELD_115KV_TB7 355931	81.86 0.65 0.00	72.50 0.58 0.00	72.20 0.50 0.00	72.28 0.50 0.00	72.58 0.58 0.00	72.73 0.58 0.00	87.94 0.70 0.00	88.76 0.79 0.00	89.13 0.88 0.00	74.23 0.59 0.00	72.35 0.65 0.00	72.27 0.57 0.00	72.42 0.57 0.00	72.35 0.57 0.00	72.35 0.57 0.00	72.49 0.58 0.00	72.49 0.58 0.00	83.44 0.74 0.00	81.29 0.73 0.00	72.94 0.65 0.00	76.29 0.61 0.00	72.64 0.58 0.00	72.42 0.57 0.00	72.20 0.50 0.00
DOGLEVILLE___HYD 23807	83.74 2.52 0.00	74.23 2.30 0.00	73.99 2.29 0.00	74.00 2.23 0.00	74.23 2.23 0.00	74.46 2.31 0.00	90.12 2.87 0.00	90.96 2.99 0.00	91.42 3.17 0.00	76.00 2.36 0.00	73.79 2.08 0.00	73.70 2.00 0.00	73.79 1.94 0.00	73.64 1.86 0.00	73.64 1.86 0.00	73.57 1.66 0.00	73.50 1.58 0.00	84.68 1.98 0.00	82.50 1.93 0.00	73.96 1.66 0.00	77.35 1.66 0.00	73.58 1.52 0.00	73.50 1.65 0.00	73.35 1.65 0.00
DUNKIRK___115KV_TB_200 55889	77.31 -6.82 -2.92	67.18 -6.55 -1.80	66.87 -6.52 -1.69	67.29 -6.17 -1.69	68.44 -5.76 -2.20	68.81 -6.28 -2.93	83.50 -7.07 -3.32	74.25 -7.65 6.07	77.11 -6.35 4.78	64.57 -6.92 2.14	62.47 -6.31 2.93	61.05 -6.95 3.69	61.97 -6.68 3.20	60.61 -6.60 4.56	60.98 -6.46 4.34	61.82 -6.40 3.70	62.81 -6.69 2.42	68.98 -8.35 5.36	67.36 -7.49 5.72	61.97 -6.36 3.96	72.45 -6.89 -3.65	68.16 -6.99 -3.09	68.15 -7.11 -3.42	67.98 -7.10 -3.38
DUNKIRK___1 23563	77.31 -6.82 -2.92	67.18 -6.55 -1.80	66.87 -6.52 -1.69	67.29 -6.17 -1.69	68.44 -5.76 -2.20	68.81 -6.28 -2.93	83.50 -7.07 -3.32	74.25 -7.65 6.07	77.11 -6.35 4.78	64.57 -6.92 2.14	62.47 -6.31 2.93	61.05 -6.95 3.69	61.97 -6.68 3.20	60.61 -6.60 4.56	60.98 -6.46 4.34	61.82 -6.40 3.70	62.81 -6.69 2.42	68.98 -8.35 5.36	67.36 -7.49 5.72	61.97 -6.36 3.96	72.45 -6.89 -3.65	68.16 -6.99 -3.09	68.15 -7.11 -3.42	67.98 -7.10 -3.38
DUNKIRK___2 23564	77.31 -6.82 -2.92	67.18 -6.55 -1.80	66.87 -6.52 -1.69	67.29 -6.17 -1.69	68.44 -5.76 -2.20	68.81 -6.28 -2.93	83.50 -7.07 -3.32	74.25 -7.65 6.07	77.11 -6.35 4.78	64.57 -6.92 2.14	62.47 -6.31 2.93	61.05 -6.95 3.69	61.97 -6.68 3.20	60.61 -6.60 4.56	60.98 -6.46 4.34	61.82 -6.40 3.70	62.81 -6.69 2.42	68.98 -8.35 5.36	67.36 -7.49 5.72	61.97 -6.36 3.96	72.45 -6.89 -3.65	68.16 -6.99 -3.09	68.15 -7.11 -3.42	67.98 -7.10 -3.38
DUNKIRK___3 23565	77.03 -7.07 -2.88	67.01 -6.69 -1.77	66.70 -6.67 -1.67	67.13 -6.32 -1.67	68.26 -5.90 -2.17	68.55 -6.49 -2.89	83.19 -7.33 -3.27	72.05 -7.92 8.00	75.60 -6.62 6.03	63.47 -7.14 3.02	61.49 -6.53 3.69	60.19 -7.10 4.41	61.23 -6.83 3.80	59.86 -6.68 5.24	60.35 -6.53 4.90	60.95 -6.54 4.43	61.77 -6.83 3.31	66.91 -8.60 7.19	65.39 -7.73 7.45	60.55 -6.51 5.23	72.12 -7.19 -3.62	67.91 -7.21 -3.05	67.91 -7.33 -3.39	67.74 -7.31 -3.35
DUNKIRK___4 23566	77.03 -7.07 -2.88	67.01 -6.69 -1.77	66.70 -6.67 -1.67	67.13 -6.32 -1.67	68.26 -5.90 -2.17	68.55 -6.49 -2.89	83.19 -7.33 -3.27	72.05 -7.92 8.00	75.60 -6.62 6.03	63.47 -7.14 3.02	61.49 -6.53 3.69	60.19 -7.10 4.41	61.23 -6.83 3.80	59.86 -6.68 5.24	60.35 -6.53 4.90	60.95 -6.54 4.43	61.77 -6.83 3.31	66.91 -8.60 7.19	65.39 -7.73 7.45	60.55 -6.51 5.23	72.12 -7.19 -3.62	67.91 -7.21 -3.05	67.91 -7.33 -3.39	67.74 -7.31 -3.35
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	103.96 5.36 -17.39	86.72 4.68 -10.11	85.73 4.52 -9.52	85.86 4.59 -9.48	89.02 4.68 -12.34	95.85 4.76 -18.94	116.91 6.11 -23.56	165.73 6.16 -71.60	136.14 6.80 -41.10	123.18 5.67 -43.87	103.11 5.59 -25.81	98.09 5.59 -20.80	93.13 5.60 -15.68	90.05 5.60 -12.68	84.87 5.74 -7.35	99.30 5.61 -21.77	111.97 5.47 -34.58	159.64 6.45 -70.49	155.57 6.36 -68.64	124.75 5.64 -46.82	112.09 5.75 -30.65	98.50 5.33 -21.10	104.14 5.17 -27.12	104.30 4.66 -27.94
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	102.85 4.79 -16.84	85.97 4.17 -9.87	85.01 4.02 -9.30	85.06 4.02 -9.26	88.16 4.10 -12.05	94.94 4.26 -18.53	115.80 5.50 -23.06	163.10 5.63 -69.50	134.40 6.09 -40.06	121.07 4.86 -42.57	101.38 4.66 -25.01	96.52 4.66 -20.16	91.71 4.67 -15.19	88.73 4.67 -12.29	83.71 4.81 -7.12	97.76 4.75 -21.10	110.37 4.82 -33.63	156.91 5.79 -68.42	152.91 5.72 -66.63	122.85 5.06 -45.49	110.65 5.15 -29.82	97.31 4.68 -20.57	102.77 4.53 -26.40	102.85 4.09 -27.07

E179THST_138_KV_TB4_REV_LBMP_J 345001	103.88 5.28 -17.39	86.64 4.60 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.49	88.95 4.61 -12.34	95.71 4.62 -18.94	116.56 5.76 -23.56	165.47 5.89 -71.61	136.06 6.71 -41.10	123.26 5.74 -43.88	103.33 5.81 -25.81	98.31 5.81 -20.80	93.42 5.89 -15.68	90.34 5.89 -12.68	85.08 5.96 -7.35	99.38 5.68 -21.78	112.04 5.54 -34.59	159.64 6.45 -70.50	155.57 6.36 -68.64	124.83 5.71 -46.82	112.16 5.83 -30.65	98.42 5.26 -21.10	104.21 5.24 -27.12	104.37 4.73 -27.94
E179THST_13_KV_LOAD 356214	104.20 5.60 -17.39	86.93 4.89 -10.11	85.95 4.73 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.91 6.33 -71.61	136.50 7.15 -41.10	123.63 6.11 -43.88	103.69 6.17 -25.81	98.67 6.17 -20.80	93.78 6.25 -15.68	90.70 6.24 -12.68	85.44 6.32 -7.35	99.74 6.04 -21.78	112.40 5.90 -34.59	160.06 6.86 -70.50	155.98 6.77 -68.64	125.19 6.07 -46.82	112.54 6.21 -30.65	98.79 5.62 -21.10	104.57 5.60 -27.12	104.66 5.02 -27.94
EAST HAMPTON___GT 23717	107.53 8.85 -17.46	106.59 8.27 -26.39	104.04 8.17 -24.17	103.98 8.18 -24.02	102.46 8.28 -22.18	109.92 8.22 -29.54	136.88 10.64 -38.99	169.75 10.20 -71.58	144.92 11.30 -45.37	126.11 8.61 -43.86	106.47 8.96 -25.80	100.02 7.53 -20.80	95.57 8.05 -15.67	92.77 8.32 -12.68	93.46 9.26 -12.42	112.97 8.77 -32.28	148.03 8.70 -67.42	191.89 10.83 -98.36	185.96 10.63 -94.76	175.92 9.39 -94.24	151.42 9.69 -66.04	135.63 8.86 -54.71	126.30 8.69 -45.76	107.08 7.46 -27.93
EAST RIVER___6 23660	104.04 5.44 -17.38	86.79 4.75 -10.11	85.74 4.52 -9.52	85.86 4.60 -9.48	89.02 4.68 -12.34	95.92 4.83 -18.94	117.08 6.37 -23.47	162.43 6.51 -67.95	135.07 7.32 -39.51	123.56 6.26 -43.66	103.39 6.17 -25.52	98.67 6.17 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.77	111.52 5.82 -33.77	157.47 6.86 -67.91	153.63 6.68 -66.38	123.56 5.93 -45.34	111.71 6.13 -29.90	98.71 5.55 -21.10	104.00 5.39 -26.76	104.07 4.80 -27.57
EAST RIVER___7 23524	104.04 5.44 -17.38	86.79 4.75 -10.11	85.74 4.52 -9.52	85.86 4.60 -9.48	89.02 4.68 -12.34	95.92 4.83 -18.94	117.08 6.37 -23.47	162.43 6.51 -67.95	135.07 7.32 -39.51	123.56 6.26 -43.66	103.39 6.17 -25.52	98.67 6.17 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.77	111.52 5.82 -33.77	157.47 6.86 -67.91	153.63 6.68 -66.38	123.56 5.93 -45.34	111.71 6.13 -29.90	98.71 5.55 -21.10	104.00 5.39 -26.76	104.07 4.80 -27.57
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	103.76 5.20 -17.35	86.55 4.53 -10.09	85.57 4.37 -9.50	85.69 4.45 -9.47	88.85 4.54 -12.32	95.67 4.62 -18.90	116.60 5.85 -23.51	165.41 5.98 -71.45	135.88 6.62 -41.02	122.94 5.52 -43.78	102.91 5.45 -25.75	97.91 5.45 -20.76	92.95 5.46 -15.64	89.88 5.46 -12.65	84.64 5.53 -7.33	99.04 5.39 -21.73	111.75 5.32 -34.51	159.32 6.28 -70.34	155.26 6.20 -68.49	124.51 5.49 -46.72	111.87 5.60 -30.58	98.24 5.12 -21.06	103.87 4.96 -27.06	104.09 4.52 -27.88
EAST_HAMPTON___DIESEL 23722	107.53 8.85 -17.46	106.59 8.27 -26.39	104.04 8.17 -24.17	103.98 8.18 -24.02	102.46 8.28 -22.18	109.92 8.22 -29.54	136.88 10.64 -38.99	169.75 10.20 -71.58	144.92 11.30 -45.37	126.11 8.61 -43.86	106.47 8.96 -25.80	100.02 7.53 -20.80	95.57 8.05 -15.67	92.77 8.32 -12.68	93.46 9.26 -12.42	112.97 8.77 -32.28	148.03 8.70 -67.42	191.89 10.83 -98.36	185.96 10.63 -94.76	175.92 9.39 -94.24	151.42 9.69 -66.04	135.63 8.86 -54.71	126.23 8.62 -45.76	107.08 7.46 -27.93
EAST_POINT___SOLAR 323840	111.49 6.34 -23.94	119.61 5.61 -42.07	117.35 5.60 -40.05	117.36 5.67 -39.91	129.77 5.83 -51.94	171.02 5.99 -92.89	215.51 7.94 -120.33	239.40 8.09 -143.34	239.42 7.77 -143.40	161.89 4.34 -83.91	109.40 2.15 -35.54	101.56 1.22 -28.64	94.51 1.08 -21.59	90.38 1.14 -17.46	84.05 2.15 -10.12	105.78 3.88 -29.98	170.04 5.76 -92.36	232.03 7.52 -141.81	227.23 7.41 -139.25	190.29 6.79 -111.20	169.59 6.96 -86.94	151.77 5.91 -73.80	159.61 5.67 -82.08	115.55 5.38 -38.47
EAST_PULASKI___ESR 323781	81.26 -1.22 -1.26	70.72 -1.22 -0.01	70.33 -1.36 0.00	70.41 -1.37 0.00	70.78 -1.22 0.00	71.26 -0.94 -0.05	86.76 -0.70 -0.22	91.57 -0.44 -4.03	88.63 -0.53 -0.90	75.25 -0.96 -2.57	72.00 -1.58 -1.87	71.62 -1.58 -1.50	71.47 -1.51 -1.13	71.11 -1.58 -0.92	70.80 -1.51 -0.53	72.20 -1.29 -1.57	72.27 -1.01 -1.36	85.82 -0.83 -3.95	83.58 -0.81 -3.82	73.76 -0.72 -2.19	76.00 -0.76 -1.07	71.37 -1.08 -0.38	71.23 -1.44 -0.82	72.50 -1.22 -2.02
EAST_RIVER___1 323558	104.20 5.60 -17.38	86.93 4.89 -10.11	85.87 4.66 -9.52	86.00 4.74 -9.48	89.17 4.82 -12.34	96.00 4.91 -18.94	117.17 6.46 -23.47	162.43 6.51 -67.95	134.99 7.24 -39.51	123.49 6.19 -43.66	103.32 6.09 -25.52	98.59 6.09 -20.80	93.63 6.10 -15.68	90.55 6.10 -12.68	85.37 6.24 -7.35	99.59 5.90 -21.77	111.45 5.76 -33.77	157.39 6.78 -67.91	153.56 6.61 -66.38	123.56 5.93 -45.34	111.71 6.13 -29.90	98.71 5.55 -21.10	104.07 5.46 -26.76	104.21 4.94 -27.57
EAST_RIVER___2 323559	104.04 5.44 -17.38	86.79 4.75 -10.11	85.74 4.52 -9.52	85.86 4.60 -9.48	89.02 4.68 -12.34	95.92 4.83 -18.94	117.08 6.37 -23.47	162.43 6.51 -67.95	135.07 7.32 -39.51	123.56 6.26 -43.66	103.39 6.17 -25.52	98.67 6.17 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.77	111.52 5.82 -33.77	157.47 6.86 -67.91	153.63 6.68 -66.38	123.56 5.93 -45.34	111.71 6.13 -29.90	98.71 5.55 -21.10	104.00 5.39 -26.76	104.07 4.80 -27.57
EAST___DELAWARE_HYD 23607	101.87 4.79 -15.87	85.73 4.17 -9.63	84.78 4.01 -9.07	84.83 4.02 -9.04	87.87 4.10 -11.76	94.70 4.33 -18.22	115.63 5.67 -22.71	159.77 5.80 -65.99	133.26 6.27 -38.74	118.66 4.64 -40.38	99.42 4.16 -23.56	94.84 4.16 -18.99	90.25 4.09 -14.31	87.37 4.02 -11.57	82.72 4.23 -6.71	96.11 4.31 -19.87	108.80 4.67 -32.20	153.63 5.96 -64.98	149.66 5.80 -63.28	120.75 5.06 -43.40	109.52 5.22 -28.61	96.64 4.68 -19.90	101.55 4.31 -25.39	101.14 3.94 -25.50
EIGHT_POINT___WT_PWR 323820	80.31 -4.47 -3.57	69.58 -4.60 -2.25	69.16 -4.66 -2.12	69.44 -4.45 -2.12	70.57 -4.18 -2.75	71.91 -4.54 -4.30	87.91 -4.71 -5.37	159.30 -5.01 -76.34	133.15 -3.79 -48.69	102.01 -5.60 -33.97	94.90 -6.52 -29.72	91.99 -7.10 -27.39	87.48 -7.18 -22.82	89.57 -7.32 -25.11	84.21 -7.82 -20.26	92.06 -7.55 -27.69	100.74 -6.76 -35.58	147.86 -7.03 -72.20	141.51 -6.69 -67.62	116.30 -6.22 -50.23	72.41 -6.13 -2.85	68.87 -6.41 -3.22	68.02 -6.76 -2.93	67.54 -6.95 -2.79
ELBRIDGE_115KV_TB2 80188	81.70 -1.38 -1.87	70.51 -1.44 -0.02	70.05 -1.65 0.00	70.20 -1.58 0.00	70.63 -1.37 0.00	71.07 -1.15 -0.08	86.61 -0.96 -0.32	93.01 -0.97 -6.00	88.45 -1.15 -1.35	76.14 -1.33 -3.83	73.12 -1.36 -2.78	72.36 -1.58 -2.24	71.81 -1.72 -1.69	71.42 -1.72 -1.36	70.99 -1.58 -0.79	72.75 -1.51 -2.34	72.64 -1.29 -2.02	87.50 -1.08 -5.88	85.20 -1.05 -5.68	74.47 -1.08 -3.26	76.15 -1.14 -1.60	71.19 -1.44 -0.57	71.48 -1.58 -1.22	73.05 -1.65 -3.00
ELEC_TRO_TEK 24086	105.01 6.33 -17.46	103.86 5.54 -26.39	101.25 5.38 -24.17	101.25 5.46 -24.02	99.73 5.54 -22.18	107.32 5.63 -29.54	133.30 7.07 -38.99	166.50 6.95 -71.58	141.48 7.85 -45.37	123.83 6.33 -43.86	103.89 6.38 -25.80	98.45 5.95 -20.80	93.56 6.04 -15.67	90.55 6.10 -12.68	90.72 6.53 -12.41	110.60 6.40 -32.28	145.66 6.33 -67.42	188.50 7.44 -98.36	182.66 7.33 -94.76	173.04 6.51 -94.24	148.39 6.66 -66.04	132.90 6.13 -54.71	123.57 5.96 -45.76	104.79 5.16 -27.93

ELLENBURG_WT_PWR 323604	79.51 -1.71 0.00	70.42 -1.51 0.00	70.41 -1.29 0.00	70.20 -1.58 0.00	70.06 -1.94 0.00	69.70 -2.45 0.00	83.67 -3.58 0.00	84.54 -3.43 0.00	84.19 -4.06 0.00	70.84 -2.80 0.00	69.56 -2.15 0.00	69.33 -2.36 0.00	69.26 -2.58 0.00	69.26 -2.51 0.00	69.20 -2.58 0.00	69.04 -2.88 0.00	69.04 -2.88 0.00	79.14 -3.55 0.00	77.11 -3.46 0.00	69.04 -3.25 0.00	72.21 -3.48 0.00	69.18 -2.88 0.00	69.26 -2.58 0.00	69.69 -2.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	76.62 -7.39 -2.80	66.67 -6.98 -1.72	66.29 -7.03 -1.62	66.71 -6.68 -1.61	67.83 -6.26 -2.10	68.24 -6.71 -2.80	82.57 -7.85 -3.17	71.03 -8.53 8.41	74.12 -7.85 6.28	62.92 -7.51 3.21	61.06 -6.81 3.84	59.65 -7.53 4.52	60.34 -7.62 3.89	58.92 -7.54 5.32	59.50 -7.32 4.95	60.05 -7.34 4.54	60.63 -7.77 3.52	65.91 -9.18 7.60	64.24 -8.54 7.79	59.27 -7.52 5.51	71.37 -7.87 -3.55	67.18 -7.85 -2.97	67.19 -7.98 -3.31	67.32 -7.67 -3.29
EMPIRE_CC_1 323656	105.76 4.06 -20.48	93.04 3.59 -17.52	91.79 3.51 -16.58	91.82 3.52 -16.52	97.10 3.60 -21.50	111.19 3.61 -35.43	135.97 3.83 -44.89	184.93 3.69 -93.27	157.95 4.06 -65.64	133.47 3.46 -56.37	105.56 3.44 -30.41	99.65 3.44 -24.51	93.77 3.45 -18.47	90.16 3.45 -14.94	83.88 3.45 -8.66	101.02 3.45 -25.65	124.96 3.38 -49.66	178.22 3.55 -91.97	173.80 3.46 -89.77	139.94 3.18 -64.47	124.34 3.63 -45.01	109.51 3.67 -33.77	116.37 3.66 -40.86	108.12 3.51 -32.91
EMPIRE_CC_2 323658	105.76 4.06 -20.48	93.04 3.59 -17.52	91.79 3.51 -16.58	91.82 3.52 -16.52	97.10 3.60 -21.50	111.19 3.61 -35.43	135.97 3.83 -44.89	184.93 3.69 -93.27	157.95 4.06 -65.64	133.47 3.46 -56.37	105.56 3.44 -30.41	99.65 3.44 -24.51	93.77 3.45 -18.47	90.16 3.45 -14.94	83.88 3.45 -8.66	101.02 3.45 -25.65	124.96 3.38 -49.66	178.22 3.55 -91.97	173.80 3.46 -89.77	139.94 3.18 -64.47	124.34 3.63 -45.01	109.51 3.67 -33.77	116.37 3.66 -40.86	108.12 3.51 -32.91
ENORWICH_115KV_TB1 80156	91.95 5.36 -5.37	81.29 4.75 -4.62	80.51 4.45 -4.37	80.87 4.74 -4.35	82.78 5.11 -5.67	86.88 5.63 -9.11	106.04 7.42 -11.38	123.84 8.18 -27.69	115.63 8.12 -19.26	96.26 4.57 -18.06	84.68 3.73 -9.25	82.99 3.37 -7.92	81.16 3.45 -5.86	80.24 3.37 -5.09	78.47 3.45 -3.25	84.16 3.88 -8.35	91.19 4.75 -14.53	116.01 6.20 -27.12	114.69 6.20 -27.92	96.90 5.57 -19.04	95.05 5.15 -14.22	86.24 4.40 -9.78	88.12 3.66 -12.61	85.58 3.37 -10.51
ERIE_ST__34_KV_TB1-2 80199	76.33 -7.80 -2.91	66.68 -7.05 -1.80	67.01 -6.38 -1.69	67.43 -6.03 -1.69	68.58 -5.62 -2.19	68.01 -7.07 -2.93	82.54 -8.03 -3.32	74.78 -8.62 4.57	79.91 -4.59 3.75	64.57 -7.66 1.41	62.35 -7.03 2.33	61.56 -7.03 3.11	64.03 -5.10 2.71	62.82 -4.95 4.01	63.09 -4.81 3.88	64.07 -4.75 3.10	65.12 -5.11 1.69	70.22 -8.52 3.96	69.39 -6.85 4.33	64.38 -4.99 2.93	72.27 -7.11 -3.69	68.24 -6.92 -3.10	68.19 -7.11 -3.45	67.23 -7.89 -3.42
ERIE_WT_PWR 323693	76.69 -7.39 -2.87	66.79 -6.91 -1.76	66.55 -6.81 -1.66	66.90 -6.53 -1.66	68.11 -6.05 -2.16	68.32 -6.71 -2.88	82.74 -7.77 -3.26	72.36 -8.45 7.16	76.24 -6.53 5.48	63.54 -7.51 2.59	60.25 -8.10 3.35	59.66 -7.96 4.08	60.21 -8.12 3.52	58.74 -8.11 4.92	59.18 -7.97 4.63	60.13 -7.69 4.09	60.79 -8.20 2.93	66.87 -9.43 6.40	64.95 -8.95 6.68	59.58 -8.03 4.68	71.74 -7.57 -3.62	67.61 -7.50 -3.04	67.47 -7.76 -3.39	67.45 -7.60 -3.36
ESPRGFLD_115KV_TB1 80157	84.54 3.33 0.00	105.77 2.95 -30.89	104.14 2.87 -29.57	104.19 2.94 -29.47	113.51 3.17 -38.35	142.84 3.39 -67.30	176.56 4.62 -84.68	142.00 4.93 -49.10	186.23 5.03 -92.95	102.45 3.02 -25.79	73.93 2.22 0.00	73.63 1.94 0.00	73.79 1.94 0.00	73.64 1.87 0.00	74.00 2.23 0.00	74.80 2.88 0.00	124.55 3.52 -49.10	136.34 4.55 -49.09	134.19 4.51 -49.10	127.70 4.12 -51.29	128.65 3.86 -49.10	124.41 3.24 -49.10	123.90 2.95 -49.10	74.35 2.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	85.97 0.89 -3.86	75.00 0.50 -2.57	74.48 0.36 -2.43	74.70 0.50 -2.42	75.94 0.79 -3.14	78.03 0.94 -4.94	95.25 1.83 -6.17	111.69 1.94 -21.78	103.78 1.94 -13.59	91.20 0.66 -16.89	79.93 0.36 -7.87	79.10 0.07 -7.33	77.12 0.07 -5.20	76.63 0.07 -4.79	75.27 0.22 -3.27	80.29 0.50 -7.87	83.59 1.01 -10.66	105.36 1.49 -21.17	106.22 1.61 -24.04	88.20 1.45 -14.46	90.07 1.21 -13.17	80.09 0.65 -7.38	83.32 0.36 -11.12	82.66 0.14 -10.82
ETNA____115KV_TB2 80207	85.97 0.89 -3.86	75.00 0.50 -2.57	74.48 0.36 -2.43	74.70 0.50 -2.42	75.94 0.79 -3.14	78.03 0.94 -4.94	95.25 1.83 -6.17	111.69 1.94 -21.78	103.78 1.94 -13.59	91.20 0.66 -16.89	79.93 0.36 -7.87	79.10 0.07 -7.33	77.12 0.07 -5.20	76.63 0.07 -4.79	75.27 0.22 -3.27	80.29 0.50 -7.87	83.59 1.01 -10.66	105.36 1.49 -21.17	106.22 1.61 -24.04	88.20 1.45 -14.46	90.07 1.21 -13.17	80.09 0.65 -7.38	83.32 0.36 -11.12	82.66 0.14 -10.82
EUCLID____115KV_TB2 356179	80.82 -1.87 -1.47	70.07 -1.87 -0.01	69.69 -2.01 0.00	69.84 -1.94 0.00	70.20 -1.80 0.00	70.62 -1.59 -0.06	85.93 -1.57 -0.25	91.19 -1.50 -4.72	87.63 -1.68 -1.06	74.96 -1.69 -3.01	72.17 -1.72 -2.18	71.59 -1.86 -1.76	71.16 -2.01 -1.33	70.84 -2.01 -1.07	70.46 -1.94 -0.62	71.89 -1.87 -1.84	71.78 -1.73 -1.59	85.75 -1.57 -4.63	83.43 -1.61 -4.47	73.34 -1.52 -2.56	75.35 -1.59 -1.26	70.71 -1.80 -0.45	70.86 -1.94 -0.96	72.05 -2.01 -2.36
E_CANADA_CAP_HY 24051	110.63 4.55 -24.87	115.31 4.03 -39.35	113.16 4.01 -37.45	113.18 4.09 -37.31	124.73 4.17 -48.55	163.35 4.40 -86.80	205.83 5.94 -112.65	236.03 6.07 -141.99	230.05 6.00 -135.80	160.78 3.61 -83.53	110.99 2.36 -36.92	103.39 1.94 -29.76	96.07 1.80 -22.43	91.71 1.80 -18.14	84.65 2.37 -10.51	106.37 3.31 -31.15	165.20 4.24 -89.04	228.55 5.46 -140.40	223.71 5.40 -137.75	185.51 4.92 -108.30	164.09 4.99 -83.40	145.99 4.18 -69.75	154.30 4.09 -78.36	115.46 3.80 -39.96
E_CANADA_MHWK_HY 24050	83.74 2.52 0.00	74.23 2.30 0.00	73.99 2.29 0.00	74.00 2.23 0.00	74.23 2.23 0.00	74.46 2.31 0.00	90.12 2.87 0.00	90.96 2.99 0.00	91.42 3.17 0.00	76.00 2.36 0.00	73.79 2.08 0.00	73.70 2.00 0.00	73.79 1.94 0.00	73.64 1.86 0.00	73.64 1.86 0.00	73.57 1.66 0.00	73.50 1.58 0.00	84.68 1.98 0.00	82.50 1.93 0.00	73.96 1.66 0.00	77.35 1.66 0.00	73.58 1.52 0.00	73.50 1.65 0.00	73.35 1.65 0.00
E_FISHKILL____LBMP 23776	103.75 4.79 -17.74	86.41 4.17 -10.31	85.49 4.09 -9.70	85.54 4.09 -9.67	88.76 4.18 -12.58	95.71 4.26 -19.30	116.66 5.41 -24.01	166.49 5.45 -73.06	136.25 6.09 -41.91	123.41 5.01 -44.77	102.93 4.88 -26.34	97.81 4.88 -21.23	92.81 4.96 -16.00	89.67 4.95 -12.94	84.30 5.02 -7.50	99.03 4.89 -22.22	112.01 4.82 -35.28	160.33 5.71 -71.92	156.24 5.64 -70.03	125.05 4.99 -47.77	112.09 5.15 -31.26	98.26 4.68 -21.52	104.10 4.60 -27.66	104.37 4.16 -28.51
FALCON____SEABRD_CC1 323796	80.56 -0.65 0.00	71.43 -0.50 0.00	71.34 -0.36 0.00	71.13 -0.65 0.00	71.06 -0.94 0.00	70.27 -1.88 0.00	84.37 -2.88 0.00	85.24 -2.73 0.00	84.80 -3.44 0.00	71.43 -2.21 0.00	70.13 -1.58 0.00	69.91 -1.79 0.00	69.76 -2.09 0.00	69.77 -2.01 0.00	69.69 -2.08 0.00	69.55 -2.37 0.00	69.61 -2.30 0.00	79.80 -2.90 0.00	77.75 -2.82 0.00	69.55 -2.75 0.00	72.73 -2.95 0.00	69.69 -2.38 0.00	69.69 -2.15 0.00	70.55 -1.15 0.00

FALCON___SEABRD_CC2 323797	80.56 -0.65 0.00	71.43 -0.50 0.00	71.34 -0.36 0.00	71.13 -0.65 0.00	71.06 -0.94 0.00	70.27 -1.88 0.00	84.37 -2.88 0.00	85.24 -2.73 0.00	84.80 -3.44 0.00	71.43 -2.21 0.00	70.13 -1.58 0.00	69.91 -1.79 0.00	69.76 -2.09 0.00	69.77 -2.01 0.00	69.69 -2.08 0.00	69.55 -2.37 0.00	69.61 -2.30 0.00	79.80 -2.90 0.00	77.75 -2.82 0.00	69.55 -2.75 0.00	72.73 -2.95 0.00	69.69 -2.38 0.00	69.69 -2.15 0.00	70.55 -1.15 0.00
FAR ROCKAWAY___4 23548	106.07 7.39 -17.46	104.79 6.47 -26.39	102.18 6.31 -24.17	102.19 6.39 -24.02	100.66 6.48 -22.18	108.26 6.57 -29.54	134.44 8.20 -38.99	167.65 8.09 -71.58	142.62 9.00 -45.37	124.72 7.22 -43.86	104.68 7.17 -25.80	99.16 6.67 -20.80	94.35 6.83 -15.67	91.34 6.89 -12.68	91.51 7.32 -12.41	111.32 7.12 -32.28	146.53 7.19 -67.42	189.66 8.60 -98.36	183.87 8.54 -94.76	174.12 7.59 -94.24	149.45 7.72 -66.04	133.76 6.99 -54.71	124.36 6.75 -45.76	105.51 5.88 -27.93
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	104.20 5.60 -17.38	86.93 4.89 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.48	89.24 4.90 -12.34	96.07 4.98 -18.94	117.26 6.46 -23.56	166.08 6.51 -71.60	136.58 7.24 -41.10	123.77 6.26 -43.87	103.68 6.17 -25.81	98.67 6.17 -20.80	93.70 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.77	112.33 5.83 -34.58	160.05 6.86 -70.49	155.89 6.69 -68.63	125.11 6.00 -46.82	112.39 6.06 -30.64	98.71 5.55 -21.10	104.50 5.53 -27.12	104.58 4.95 -27.94
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	104.20 5.60 -17.38	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.48	89.24 4.90 -12.34	96.07 4.98 -18.94	117.26 6.46 -23.56	166.08 6.51 -71.60	136.58 7.24 -41.10	123.77 6.26 -43.87	103.68 6.17 -25.81	98.67 6.17 -20.80	93.70 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.77	112.33 5.83 -34.58	160.05 6.86 -70.49	155.97 6.77 -68.63	125.11 6.00 -46.82	112.46 6.13 -30.64	98.78 5.62 -21.10	104.50 5.53 -27.12	104.65 5.02 -27.94
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	104.20 5.60 -17.38	86.93 4.89 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.48	89.17 4.82 -12.34	96.07 4.98 -18.94	117.26 6.46 -23.56	166.08 6.51 -71.60	136.58 7.24 -41.10	123.70 6.19 -43.87	103.61 6.10 -25.81	98.60 6.09 -20.80	93.70 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.59 5.90 -21.77	112.26 5.75 -34.58	159.97 6.78 -70.49	155.89 6.69 -68.63	125.04 5.93 -46.82	112.39 6.06 -30.64	98.71 5.55 -21.10	104.43 5.46 -27.12	104.58 4.95 -27.94
FARRAGUT___LBMP 323566	104.12 5.52 -17.38	86.86 4.82 -10.11	85.88 4.66 -9.52	85.93 4.67 -9.48	89.17 4.82 -12.34	96.00 4.91 -18.94	117.17 6.37 -23.56	166.00 6.42 -71.60	136.50 7.15 -41.10	123.62 6.11 -43.87	103.61 6.10 -25.81	98.60 6.09 -20.80	93.63 6.11 -15.68	90.56 6.10 -12.68	85.30 6.17 -7.35	99.59 5.90 -21.77	112.18 5.68 -34.58	159.88 6.70 -70.49	155.81 6.61 -68.63	124.97 5.86 -46.82	112.31 5.98 -30.64	98.64 5.48 -21.10	104.43 5.46 -27.12	104.51 4.88 -27.94
FENNER___WINDPWR 24204	84.67 1.38 -2.07	73.10 1.15 -0.02	72.70 1.00 0.00	72.92 1.14 0.00	73.30 1.30 0.00	73.82 1.59 -0.08	89.87 2.26 -0.36	97.18 2.55 -6.66	92.39 2.64 -1.49	80.13 1.40 -5.10	75.72 0.93 -3.08	75.17 0.86 -2.61	74.65 0.93 -1.87	74.22 0.93 -1.51	73.66 1.00 -0.88	75.85 1.15 -2.78	75.52 1.36 -2.24	91.12 1.90 -6.52	89.46 1.93 -6.96	77.57 1.66 -3.62	80.24 1.66 -2.89	74.41 1.30 -1.05	75.08 1.01 -2.22	76.84 0.93 -4.22
FIBERTEK___ENERGY 23856	82.00 -0.97 -1.76	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.07	87.12 -0.44 -0.31	93.28 -0.35 -5.66	88.99 -0.53 -1.27	76.37 -0.88 -3.61	73.39 -0.93 -2.62	72.66 -1.15 -2.11	72.15 -1.29 -1.59	71.84 -1.22 -1.29	71.37 -1.15 -0.75	73.12 -1.01 -2.21	73.03 -0.79 -1.91	87.75 -0.50 -5.55	85.45 -0.48 -5.36	74.79 -0.58 -3.08	76.59 -0.61 -1.51	71.66 -0.94 -0.54	71.85 -1.15 -1.15	73.31 -1.22 -2.83
FITZPATRICK____ 23598	79.25 -3.00 -1.04	69.13 -2.81 -0.01	68.76 -2.94 0.00	68.90 -2.87 0.00	69.19 -2.81 0.00	69.52 -2.67 -0.04	84.46 -2.97 -0.18	88.31 -2.99 -3.33	85.90 -3.09 -0.75	73.04 -2.72 -2.12	70.09 -3.15 -1.54	69.86 -3.08 -1.24	69.77 -3.01 -0.94	69.45 -3.08 -0.76	69.13 -3.08 -0.44	70.20 -3.02 -1.30	70.09 -2.95 -1.12	82.74 -3.23 -3.27	80.58 -3.14 -3.15	71.35 -2.75 -1.81	73.77 -2.80 -0.89	69.57 -2.81 -0.32	69.51 -3.01 -0.67	70.42 -2.94 -1.67
FLOWRFLD_69_KV_BK1 356044	105.91 7.23 -17.46	104.79 6.47 -26.39	102.18 6.31 -24.17	102.19 6.39 -24.02	100.66 6.48 -22.18	108.26 6.57 -29.54	134.70 8.46 -38.99	167.47 7.92 -71.58	142.80 9.18 -45.37	124.72 7.22 -43.86	104.90 7.39 -25.80	98.95 6.45 -20.80	94.20 6.68 -15.67	91.41 6.96 -12.68	92.02 7.82 -12.42	111.75 7.55 -32.28	146.74 7.41 -67.42	189.57 8.52 -98.36	183.79 8.46 -94.76	174.19 7.66 -94.24	149.52 7.80 -66.04	134.05 7.28 -54.71	124.86 7.26 -45.76	105.86 6.24 -27.93
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	104.43 5.77 -17.45	87.19 5.04 -10.23	86.20 4.88 -9.63	86.32 4.95 -9.59	89.52 5.04 -12.48	96.46 5.12 -19.19	117.67 6.54 -23.88	166.83 6.86 -72.00	137.15 7.41 -41.49	123.63 5.89 -44.10	103.14 5.52 -25.91	98.17 5.59 -20.88	93.12 5.53 -15.74	90.03 5.53 -12.73	84.82 5.67 -7.38	99.39 5.61 -21.86	112.58 5.83 -34.84	160.61 7.03 -70.88	156.52 6.93 -69.02	125.49 6.07 -47.13	112.78 6.21 -30.88	99.06 5.69 -21.30	104.58 5.39 -27.34	104.76 5.02 -28.04
FORT ORANGE____ 23900	105.69 3.41 -21.06	97.86 3.02 -22.91	96.45 3.01 -21.74	96.45 3.01 -21.66	103.21 3.02 -28.19	123.00 2.96 -47.89	151.07 2.71 -61.12	194.22 2.55 -103.70	173.69 2.91 -82.53	137.98 2.29 -62.05	105.13 2.15 -31.27	99.13 2.23 -25.21	93.14 2.30 -19.00	89.50 2.37 -15.36	82.69 2.01 -8.90	100.46 2.16 -26.38	132.63 1.87 -58.85	187.04 1.98 -102.36	182.60 1.93 -100.11	148.45 1.73 -74.43	131.66 1.89 -54.08	116.59 2.01 -42.51	123.95 2.30 -49.80	108.42 2.87 -33.85
FORT_DRUM_COGEN 23780	83.38 1.30 -0.86	73.09 1.15 -0.01	72.70 1.00 0.00	72.78 1.00 0.00	73.15 1.15 0.00	73.84 1.66 -0.04	89.66 2.27 -0.15	94.00 3.25 -2.78	92.13 3.27 -0.62	77.10 1.69 -1.77	74.35 1.36 -1.28	73.88 1.15 -1.03	73.78 1.15 -0.78	73.56 1.15 -0.63	73.29 1.15 -0.37	74.51 1.51 -1.08	74.94 2.09 -0.93	88.56 3.14 -2.72	86.18 2.98 -2.63	76.47 2.67 -1.51	78.77 2.35 -0.74	74.27 1.95 -0.26	73.78 1.37 -0.56	74.52 1.43 -1.39
FOX_HILLS___ESR 323835	128.96 5.44 -42.31	63.92 4.75 12.76	63.39 4.52 12.83	63.46 4.59 12.91	63.39 4.68 13.29	63.24 4.62 13.53	136.88 6.02 -43.62	193.21 6.16 -99.08	163.84 6.97 -68.62	156.98 5.96 -77.37	134.02 5.95 -56.36	68.30 5.95 9.34	68.38 6.04 9.51	68.38 6.03 9.43	67.38 6.03 10.43	134.01 5.83 -56.27	146.71 5.83 -68.97	240.65 6.95 -151.01	237.39 6.85 -149.98	188.22 6.14 -109.79	173.45 6.21 -91.56	128.91 5.48 -51.37	131.57 5.39 -54.33	121.96 4.88 -45.38
FPL FAR_ROCK_GT1 24212	106.07 7.39 -17.46	104.80 6.48 -26.39	102.18 6.31 -24.17	102.18 6.39 -24.02	100.67 6.48 -22.18	108.26 6.56 -29.54	134.44 8.20 -38.99	167.64 8.09 -71.58	142.71 9.09 -45.37	124.72 7.22 -43.86	104.68 7.17 -25.80	99.16 6.67 -20.80	94.35 6.83 -15.67	91.27 6.82 -12.68	91.43 7.25 -12.41	111.25 7.05 -32.28	146.46 7.12 -67.42	189.65 8.60 -98.36	183.78 8.46 -94.76	174.05 7.52 -94.24	149.45 7.72 -66.04	133.84 7.07 -54.71	124.36 6.75 -45.76	105.51 5.88 -27.93

FPL FAR_ROCK_GT2 23815	106.07 7.39 -17.46	104.80 6.48 -26.39	102.18 6.31 -24.17	102.18 6.39 -24.02	100.67 6.48 -22.18	108.26 6.56 -29.54	134.44 8.20 -38.99	167.64 8.09 -71.58	142.71 9.09 -45.37	124.72 7.22 -43.86	104.68 7.17 -25.80	99.16 6.67 -20.80	94.35 6.83 -15.67	91.27 6.82 -12.68	91.43 7.25 -12.41	111.25 7.05 -32.28	146.46 7.12 -67.42	189.65 8.60 -98.36	183.78 8.46 -94.76	174.05 7.52 -94.24	149.45 7.72 -66.04	133.84 7.07 -54.71	124.36 6.75 -45.76	105.51 5.88 -27.93
FRANKLIN_FALL_HYD 24054	81.05 -0.16 0.00	71.86 -0.07 0.00	71.77 0.07 0.00	71.56 -0.22 0.00	71.57 -0.43 0.00	71.36 -0.79 0.00	85.41 -1.83 0.00	86.39 -1.58 0.00	86.22 -2.03 0.00	72.61 -1.03 0.00	70.70 -1.00 0.00	70.84 -0.86 0.00	70.99 -0.86 0.00	70.84 -0.93 0.00	70.63 -1.15 0.00	70.41 -1.51 0.00	70.62 -1.29 0.00	80.46 -2.23 0.00	78.80 -1.77 0.00	70.70 -1.59 0.00	74.10 -1.59 0.00	70.91 -1.15 0.00	70.91 -0.93 0.00	71.27 -0.43 0.00
FREEPORT_EQUS_GT1 23764	105.50 6.82 -17.46	104.29 5.97 -26.39	101.67 5.81 -24.17	101.68 5.89 -24.02	100.16 5.97 -22.18	107.76 6.06 -29.54	133.92 7.68 -38.99	167.03 7.47 -71.58	142.09 8.47 -45.37	124.20 6.70 -43.86	104.25 6.74 -25.80	98.73 6.23 -20.80	93.91 6.39 -15.67	90.84 6.39 -12.68	91.08 6.89 -12.41	110.95 6.76 -32.28	146.02 6.69 -67.42	188.75 7.69 -98.36	182.90 7.57 -94.76	173.54 7.01 -94.24	148.99 7.27 -66.04	133.40 6.63 -54.71	124.00 6.39 -45.76	105.15 5.52 -27.93
FREEPORT___CT2 23818	105.50 6.82 -17.46	104.29 5.97 -26.39	101.67 5.81 -24.17	101.68 5.89 -24.02	100.16 5.97 -22.18	107.76 6.06 -29.54	133.92 7.68 -38.99	167.03 7.47 -71.58	142.09 8.47 -45.37	124.20 6.70 -43.86	104.25 6.74 -25.80	98.73 6.23 -20.80	93.91 6.39 -15.67	90.84 6.39 -12.68	91.08 6.89 -12.41	110.95 6.76 -32.28	146.02 6.69 -67.42	188.75 7.69 -98.36	182.90 7.57 -94.76	173.54 7.01 -94.24	148.99 7.27 -66.04	133.40 6.63 -54.71	124.00 6.39 -45.76	105.15 5.52 -27.93
FRESHKLS_33_KV_LOAD 356253	128.72 5.20 -42.31	63.70 4.53 12.76	63.17 4.30 12.83	63.24 4.38 12.91	63.17 4.46 13.29	63.03 4.40 13.53	136.62 5.76 -43.62	193.03 5.98 -99.08	163.57 6.71 -68.62	156.76 5.74 -77.37	133.81 5.74 -56.36	68.09 5.74 9.34	68.09 5.75 9.51	68.09 5.74 9.43	67.16 5.81 10.43	133.87 5.68 -56.27	146.57 5.68 -68.97	240.48 6.78 -151.01	237.23 6.69 -149.98	188.08 6.00 -109.79	173.30 6.06 -91.56	128.77 5.33 -51.37	131.43 5.24 -54.33	121.74 4.66 -45.38
FULTON COGEN____ 23766	80.72 -1.87 -1.38	70.07 -1.87 -0.01	69.62 -2.08 0.00	69.84 -1.94 0.00	70.20 -1.80 0.00	70.62 -1.59 -0.06	86.00 -1.48 -0.24	90.99 -1.41 -4.42	87.56 -1.68 -0.99	74.77 -1.69 -2.82	72.03 -1.72 -2.05	71.48 -1.86 -1.65	71.08 -2.01 -1.24	70.77 -2.01 -1.00	70.42 -1.94 -0.58	71.85 -1.80 -1.73	71.75 -1.65 -1.49	85.62 -1.41 -4.33	83.31 -1.45 -4.19	73.32 -1.37 -2.40	75.43 -1.44 -1.18	70.75 -1.73 -0.42	70.80 -1.94 -0.90	71.98 -1.94 -2.21
FULTON___LFGE 323630	110.69 5.77 -23.70	119.79 5.11 -42.75	117.43 5.02 -40.71	117.44 5.10 -40.57	130.04 5.25 -52.79	171.99 5.41 -94.42	216.57 7.06 -122.26	238.77 7.12 -143.68	240.71 7.14 -145.32	162.43 4.78 -84.00	110.48 3.58 -35.19	103.36 3.30 -28.36	96.38 3.16 -21.38	92.22 3.15 -17.29	85.46 3.66 -10.02	106.14 4.53 -29.69	170.52 5.40 -93.20	231.55 6.70 -142.16	226.81 6.61 -139.63	190.22 6.00 -111.93	169.73 6.21 -87.83	152.21 5.33 -74.82	159.97 5.10 -83.02	114.67 4.88 -38.09
G.F.CEMENT___DRP 24184	110.45 7.31 -21.93	121.84 6.47 -43.44	119.53 6.45 -41.38	119.55 6.53 -41.24	132.28 6.62 -53.66	174.51 6.71 -95.65	219.05 8.38 -123.43	235.50 8.45 -139.09	243.05 8.74 -146.06	161.51 6.92 -80.95	110.50 6.24 -32.55	103.96 6.02 -26.24	97.58 5.96 -19.77	93.65 5.89 -15.99	87.08 6.03 -9.27	105.85 6.47 -27.46	171.15 6.83 -92.40	228.24 7.86 -137.69	223.65 7.73 -135.34	189.38 7.08 -110.00	170.23 7.11 -87.43	154.01 6.56 -75.39	161.15 6.32 -82.98	113.17 6.24 -35.23
GARDENVILLE___LBMP 24039	76.67 -7.39 -2.85	66.71 -6.98 -1.75	66.47 -6.88 -1.65	66.82 -6.60 -1.65	67.95 -6.19 -2.14	68.30 -6.71 -2.86	82.63 -7.85 -3.24	69.20 -8.45 10.33	73.40 -7.32 7.53	62.04 -7.51 4.09	60.29 -6.81 4.61	58.95 -7.46 5.29	60.07 -7.26 4.53	58.53 -7.18 6.07	59.23 -6.96 5.58	59.63 -6.98 5.31	60.19 -7.34 4.39	64.30 -9.01 9.38	62.81 -8.22 9.54	58.44 -7.08 6.76	71.56 -7.72 -3.59	67.44 -7.64 -3.02	67.45 -7.76 -3.36	67.36 -7.67 -3.33
GARDNVLA_35_KV_LD 355827	76.86 -7.23 -2.87	66.87 -6.83 -1.77	66.63 -6.74 -1.67	67.05 -6.39 -1.66	68.19 -5.98 -2.16	68.47 -6.57 -2.89	82.92 -7.59 -3.27	73.72 -8.36 5.89	76.76 -6.88 4.60	64.17 -7.44 2.03	62.12 -6.74 2.85	60.79 -7.31 3.60	61.76 -6.97 3.12	60.50 -6.82 4.46	60.86 -6.68 4.25	61.63 -6.69 3.60	62.63 -6.98 2.31	68.63 -8.85 5.22	67.06 -7.98 5.53	61.70 -6.80 3.80	71.91 -7.42 -3.64	67.69 -7.42 -3.05	67.70 -7.54 -3.40	67.61 -7.46 -3.37
GELCKHM___115KV_LOAD 80723	81.25 -1.54 -1.58	70.36 -1.58 -0.02	69.98 -1.72 0.00	70.13 -1.65 0.00	70.56 -1.44 0.00	70.92 -1.30 -0.06	86.39 -1.13 -0.27	91.98 -1.06 -5.06	88.15 -1.24 -1.13	75.54 -1.33 -3.23	72.62 -1.43 -2.34	72.01 -1.58 -1.89	71.55 -1.72 -1.42	71.20 -1.72 -1.15	70.79 -1.65 -0.67	72.38 -1.51 -1.98	72.26 -1.37 -1.70	86.50 -1.16 -4.96	84.15 -1.21 -4.79	73.89 -1.16 -2.75	75.82 -1.21 -1.35	71.03 -1.51 -0.48	71.22 -1.65 -1.03	72.51 -1.72 -2.53
GENERAL___MILLS 23808	76.69 -7.39 -2.87	66.79 -6.91 -1.76	66.55 -6.81 -1.66	66.97 -6.46 -1.66	68.11 -6.05 -2.16	68.32 -6.71 -2.88	82.74 -7.76 -3.26	72.36 -8.45 7.16	75.79 -6.97 5.48	63.54 -7.51 2.59	61.54 -6.81 3.35	60.23 -7.38 4.08	61.28 -7.04 3.52	59.96 -6.89 4.92	60.40 -6.75 4.63	61.14 -6.69 4.09	61.94 -7.05 2.93	67.36 -8.93 6.40	65.83 -8.06 6.68	60.74 -6.87 4.68	71.74 -7.57 -3.62	67.61 -7.49 -3.04	67.62 -7.62 -3.39	67.45 -7.60 -3.36
GE_PLASTICS___DRP 24183	105.29 3.00 -21.07	94.92 2.66 -20.33	93.54 2.58 -19.26	93.56 2.58 -19.20	99.64 2.66 -24.98	116.59 2.60 -41.85	143.44 2.97 -53.23	190.47 2.90 -99.60	166.03 3.18 -74.60	136.12 2.58 -59.90	105.57 2.58 -31.28	99.49 2.58 -25.21	93.50 2.66 -19.00	89.80 2.66 -15.36	83.19 2.51 -8.91	100.82 2.52 -26.38	128.96 2.30 -54.74	183.52 2.56 -98.26	179.07 2.50 -96.00	144.68 2.24 -70.14	128.00 2.35 -49.97	112.84 2.38 -38.40	120.06 2.51 -45.69	108.06 2.51 -33.85
GILBOA___1 23756	100.81 2.84 -16.75	83.01 2.45 -8.63	82.17 2.36 -8.11	82.30 2.44 -8.08	85.03 2.52 -10.52	90.32 2.52 -15.65	109.77 3.23 -19.29	158.37 3.16 -67.23	128.06 3.62 -36.19	117.79 2.80 -41.35	99.16 2.58 -24.87	94.32 2.58 -20.05	89.54 2.58 -15.11	86.57 2.58 -12.22	81.52 2.66 -7.08	95.56 2.66 -20.98	106.14 2.66 -31.56	152.00 3.14 -66.16	148.00 3.06 -64.37	118.31 2.75 -43.27	106.33 2.88 -27.77	93.30 2.67 -18.57	98.80 2.58 -24.37	100.98 2.36 -26.92
GILBOA___2 23757	100.81 2.84 -16.75	83.01 2.45 -8.63	82.17 2.36 -8.11	82.30 2.44 -8.08	85.03 2.52 -10.52	90.32 2.52 -15.65	109.77 3.23 -19.29	158.37 3.16 -67.23	128.06 3.62 -36.19	117.79 2.80 -41.35	99.16 2.58 -24.87	94.32 2.58 -20.05	89.54 2.58 -15.11	86.57 2.58 -12.22	81.52 2.66 -7.08	95.56 2.66 -20.98	106.14 2.66 -31.56	152.00 3.14 -66.16	148.00 3.06 -64.37	118.31 2.75 -43.27	106.33 2.88 -27.77	93.30 2.67 -18.57	98.80 2.58 -24.37	100.98 2.36 -26.92

GILBOA___3 23758	100.81 2.84 -16.75	83.01 2.45 -8.63	82.17 2.36 -8.11	82.30 2.44 -8.08	85.03 2.52 -10.52	90.32 2.52 -15.65	109.77 3.23 -19.29	158.37 3.16 -67.23	128.06 3.62 -36.19	117.79 2.80 -41.35	99.16 2.58 -24.87	94.32 2.58 -20.05	89.54 2.58 -15.11	86.57 2.58 -12.22	81.52 2.66 -7.08	95.56 2.66 -20.98	106.14 2.66 -31.56	152.00 3.14 -66.16	148.00 3.06 -64.37	118.31 2.75 -43.27	106.33 2.88 -27.77	93.30 2.67 -18.57	98.80 2.58 -24.37	100.98 2.36 -26.92
GILBOA___4 23759	100.81 2.84 -16.75	83.01 2.45 -8.63	82.17 2.36 -8.11	82.30 2.44 -8.08	85.03 2.52 -10.52	90.32 2.52 -15.65	109.77 3.23 -19.29	158.37 3.16 -67.23	128.06 3.62 -36.19	117.79 2.80 -41.35	99.16 2.58 -24.87	94.32 2.58 -20.05	89.54 2.58 -15.11	86.57 2.58 -12.22	81.52 2.66 -7.08	95.56 2.66 -20.98	106.14 2.66 -31.56	152.00 3.14 -66.16	148.00 3.06 -64.37	118.31 2.75 -43.27	106.33 2.88 -27.77	93.30 2.67 -18.57	98.80 2.58 -24.37	100.98 2.36 -26.92
GILBOA___ 23599	100.81 2.84 -16.75	83.01 2.45 -8.63	82.17 2.37 -8.11	82.30 2.44 -8.08	85.04 2.52 -10.52	90.32 2.53 -15.65	109.77 3.23 -19.29	158.37 3.17 -67.23	127.97 3.53 -36.19	117.79 2.80 -41.35	99.30 2.72 -24.87	94.40 2.65 -20.05	89.69 2.73 -15.11	86.72 2.73 -12.22	81.59 2.73 -7.08	95.63 2.73 -20.98	106.21 2.73 -31.56	152.00 3.14 -66.16	148.08 3.14 -64.37	118.39 2.82 -43.27	106.33 2.88 -27.77	93.30 2.67 -18.57	98.80 2.59 -24.37	100.98 2.37 -26.92
GINNA___ 23603	77.01 -6.25 -2.04	66.05 -5.90 -0.02	65.32 -6.38 0.00	65.46 -6.32 0.00	66.03 -5.98 0.00	66.75 -5.49 -0.08	81.49 -6.11 -0.35	88.29 -6.24 -6.56	82.31 -7.41 -1.47	71.36 -5.89 -3.62	67.07 -7.67 -3.04	66.67 -7.38 -2.36	66.51 -7.18 -1.84	65.73 -7.54 -1.49	64.96 -7.68 -0.86	67.31 -7.05 -2.43	66.72 -7.41 -2.21	81.14 -8.02 -6.47	78.76 -7.58 -5.77	69.14 -6.72 -3.57	70.43 -6.20 -0.95	65.97 -6.41 -0.33	65.66 -6.90 -0.71	68.05 -6.31 -2.66
GLEN PARK___ 23778	83.89 1.78 -0.90	73.59 1.66 -0.01	73.21 1.51 0.00	73.29 1.51 0.00	73.66 1.66 0.00	74.43 2.24 -0.04	90.37 2.97 -0.16	94.89 4.05 -2.87	92.87 3.97 -0.64	77.61 2.14 -1.83	74.55 1.51 -1.33	74.13 1.36 -1.07	74.09 1.44 -0.81	73.79 1.36 -0.65	73.59 1.43 -0.38	74.91 1.87 -1.12	75.40 2.52 -0.97	89.24 3.72 -2.82	86.83 3.54 -2.72	77.03 3.18 -1.56	79.40 2.95 -0.76	74.79 2.45 -0.27	74.23 1.80 -0.58	75.00 1.86 -1.44
GLENDALE_27_KV_LOAD 356172	104.53 5.93 -17.39	87.29 5.25 -10.11	86.24 5.02 -9.52	86.36 5.10 -9.49	89.53 5.18 -12.34	96.36 5.27 -18.94	117.44 6.63 -23.56	166.44 6.86 -71.61	136.94 7.59 -41.10	124.00 6.48 -43.88	104.05 6.53 -25.81	99.03 6.52 -20.80	94.07 6.54 -15.68	91.06 6.60 -12.68	85.73 6.60 -7.35	100.10 6.40 -21.78	112.76 6.26 -34.59	160.47 7.28 -70.50	156.38 7.17 -68.64	125.55 6.43 -46.82	112.92 6.58 -30.65	99.07 5.91 -21.10	104.86 5.89 -27.12	105.01 5.38 -27.94
GLENWOOD_IC_1_G5 23712	105.42 6.74 -17.46	104.29 5.97 -26.39	101.68 5.81 -24.17	101.61 5.81 -24.02	100.09 5.90 -22.18	107.75 6.06 -29.54	133.57 7.33 -38.99	166.77 7.21 -71.58	141.83 8.21 -45.37	124.05 6.55 -43.86	104.04 6.53 -25.80	98.59 6.09 -20.80	93.77 6.25 -15.67	90.77 6.32 -12.68	90.86 6.68 -12.41	110.74 6.54 -32.28	145.88 6.54 -67.42	188.75 7.69 -98.36	182.98 7.65 -94.76	173.33 6.80 -94.24	148.62 6.89 -66.04	133.11 6.34 -54.71	123.71 6.11 -45.76	104.93 5.31 -27.93
GLENWOOD_IC_2_G1 23688	105.18 6.50 -17.46	104.08 5.76 -26.39	101.47 5.60 -24.17	101.40 5.60 -24.02	99.95 5.76 -22.18	107.54 5.84 -29.54	133.57 7.33 -38.99	166.77 7.22 -71.58	141.83 8.21 -45.37	124.05 6.55 -43.86	104.04 6.52 -25.80	98.66 6.17 -20.80	93.77 6.25 -15.67	90.69 6.24 -12.68	90.86 6.68 -12.41	110.67 6.48 -32.28	145.81 6.48 -67.42	188.75 7.69 -98.36	182.82 7.49 -94.76	173.18 6.65 -94.24	148.61 6.89 -66.04	133.11 6.34 -54.71	123.71 6.10 -45.76	104.93 5.31 -27.93
GLENWOOD_IC_3_G1 23689	105.18 6.50 -17.46	104.08 5.76 -26.39	101.47 5.60 -24.17	101.40 5.60 -24.02	99.95 5.76 -22.18	107.54 5.84 -29.54	133.57 7.33 -38.99	166.77 7.22 -71.58	141.83 8.21 -45.37	124.05 6.55 -43.86	104.04 6.52 -25.80	98.66 6.17 -20.80	93.77 6.25 -15.67	90.69 6.24 -12.68	90.86 6.68 -12.41	110.67 6.48 -32.28	145.81 6.48 -67.42	188.75 7.69 -98.36	182.82 7.49 -94.76	173.18 6.65 -94.24	148.61 6.89 -66.04	133.11 6.34 -54.71	123.71 6.10 -45.76	104.93 5.31 -27.93
GLENWOOD___4 23550	105.42 6.74 -17.46	104.29 5.97 -26.39	101.68 5.81 -24.17	101.61 5.81 -24.02	100.09 5.90 -22.18	107.75 6.06 -29.54	133.65 7.42 -38.99	166.85 7.30 -71.58	141.92 8.30 -45.37	124.13 6.63 -43.86	104.18 6.67 -25.80	98.73 6.24 -20.80	93.84 6.32 -15.67	90.84 6.39 -12.68	91.01 6.82 -12.41	110.81 6.62 -32.28	145.95 6.62 -67.42	188.91 7.86 -98.36	183.06 7.73 -94.76	173.40 6.87 -94.24	148.69 6.96 -66.04	133.18 6.41 -54.71	123.79 6.18 -45.76	105.00 5.38 -27.93
GLENWOOD___5 23614	105.42 6.74 -17.46	104.29 5.97 -26.39	101.68 5.81 -24.17	101.61 5.81 -24.02	100.09 5.90 -22.18	107.75 6.06 -29.54	133.65 7.42 -38.99	166.85 7.30 -71.58	141.92 8.30 -45.37	124.13 6.63 -43.86	104.18 6.67 -25.80	98.73 6.24 -20.80	93.84 6.32 -15.67	90.84 6.39 -12.68	91.01 6.82 -12.41	110.81 6.62 -32.28	145.95 6.62 -67.42	188.91 7.86 -98.36	183.06 7.73 -94.76	173.40 6.87 -94.24	148.69 6.96 -66.04	133.18 6.41 -54.71	123.79 6.18 -45.76	105.00 5.38 -27.93
GLOBAL GREEN_PORT_GT1 23814	107.53 8.85 -17.46	106.59 8.27 -26.39	104.04 8.17 -24.17	103.98 8.18 -24.02	102.46 8.28 -22.18	109.92 8.22 -29.54	136.88 10.64 -38.99	169.75 10.20 -71.58	144.92 11.30 -45.37	126.18 8.69 -43.86	106.47 8.96 -25.80	100.02 7.53 -20.80	95.57 8.05 -15.67	92.77 8.32 -12.68	93.46 9.26 -12.42	112.97 8.77 -32.28	148.11 8.77 -67.42	191.89 10.83 -98.36	186.04 10.72 -94.76	176.00 9.47 -94.24	151.42 9.69 -66.04	135.63 8.86 -54.71	126.30 8.69 -45.76	107.15 7.53 -27.93
GLOBE___DSASP 323697	75.66 -8.20 -2.64	66.06 -7.48 -1.61	65.33 -7.89 -1.52	65.76 -7.54 -1.52	66.77 -7.20 -1.97	67.71 -7.07 -2.63	80.72 -9.51 -2.98	75.13 -9.32 3.52	74.75 -10.41 3.08	64.64 -8.10 0.90	62.54 -7.31 1.86	60.82 -8.32 2.56	60.18 -9.41 2.26	59.12 -9.26 3.40	59.48 -8.97 3.32	60.31 -9.06 2.55	60.99 -9.64 1.30	69.47 -10.17 3.06	67.26 -9.99 3.31	60.60 -9.40 2.30	69.35 -9.76 -3.42	65.09 -9.80 -2.82	65.26 -9.77 -3.18	66.06 -8.82 -3.18
GOETHSLN___LBMP 323567	39.69 5.04 46.56	46.18 4.39 30.13	46.11 4.16 29.75	46.11 4.23 29.90	46.11 4.32 30.21	46.18 4.47 30.44	46.20 5.85 46.89	48.44 5.81 45.34	45.40 6.53 49.38	42.20 5.67 37.11	39.12 5.59 38.18	36.45 5.59 40.84	33.91 5.68 43.62	32.11 5.67 45.33	30.97 5.74 46.55	32.01 5.39 45.30	40.06 5.18 37.04	19.69 6.12 69.13	18.91 6.04 67.70	17.03 5.35 60.62	15.96 5.45 65.18	37.71 4.97 39.32	41.22 4.96 35.58	46.11 4.45 30.04
GOLAH___69_KV_TB 1_2 80279	79.46 -3.90 -2.15	68.07 -3.88 -0.02	67.32 -4.37 0.00	67.61 -4.16 0.00	68.26 -3.74 0.00	68.92 -3.32 -0.09	83.87 -3.75 -0.37	90.98 -4.05 -7.06	84.55 -5.47 -1.77	73.32 -4.12 -3.80	71.09 -3.87 -3.25	69.50 -4.73 -2.54	68.02 -5.82 -1.99	67.60 -5.81 -1.63	67.14 -5.60 -0.96	68.99 -5.54 -2.61	68.78 -5.61 -2.47	84.72 -4.88 -6.91	81.58 -5.16 -6.17	71.04 -5.21 -3.95	71.93 -4.69 -0.93	67.26 -5.12 -0.32	67.37 -5.17 -0.69	69.85 -4.59 -2.74

GOODYEAR_LAKE_HYD 323669	89.67 3.09 -5.37	90.03 2.73 -15.37	89.02 2.65 -14.67	89.12 2.73 -14.61	93.90 2.88 -19.02	107.77 3.10 -32.52	132.16 4.10 -40.82	133.97 4.40 -41.60	142.56 4.77 -49.54	100.59 3.17 -23.78	82.41 2.72 -7.98	80.71 2.58 -6.43	79.35 2.66 -4.85	78.28 2.58 -3.92	76.85 2.80 -2.27	81.60 2.95 -6.73	105.38 3.31 -30.16	128.07 4.13 -41.24	125.36 4.11 -40.68	110.78 3.69 -34.80	108.11 3.48 -28.94	101.08 3.03 -25.99	102.43 2.73 -27.85	82.77 2.44 -8.64
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	86.20 -0.57 -5.55	74.94 -0.72 -3.73	74.50 -0.72 -3.52	74.71 -0.57 -3.51	76.20 -0.36 -4.56	78.78 -0.51 -7.14	96.06 -0.09 -8.90	111.37 -0.26 -23.66	103.32 0.44 -14.63	86.74 -0.74 -13.83	79.09 -0.86 -8.24	77.25 -1.00 -6.56	76.21 -0.65 -5.01	75.18 -0.65 -4.05	73.55 -0.57 -2.35	78.31 -0.43 -6.83	83.54 -0.22 -11.84	105.54 -0.41 -23.26	102.82 -0.16 -22.41	88.08 0.00 -15.78	85.03 -0.45 -9.80	78.58 -0.72 -7.24	79.76 -0.93 -8.84	78.93 -1.08 -8.30
GOUDEY___7 23579	86.20 -0.57 -5.55	74.94 -0.72 -3.73	74.50 -0.72 -3.52	74.71 -0.57 -3.51	76.20 -0.36 -4.56	78.78 -0.51 -7.14	96.06 -0.09 -8.90	111.37 -0.26 -23.66	103.32 0.44 -14.63	86.74 -0.74 -13.83	79.09 -0.86 -8.24	77.25 -1.00 -6.56	76.21 -0.65 -5.01	75.18 -0.65 -4.05	73.55 -0.57 -2.35	78.31 -0.43 -6.83	83.54 -0.22 -11.84	105.54 -0.41 -23.26	102.82 -0.16 -22.41	88.08 0.00 -15.78	85.03 -0.45 -9.80	78.58 -0.72 -7.24	79.76 -0.93 -8.84	78.93 -1.08 -8.30
GOUDEY___8 23580	86.20 -0.57 -5.55	74.94 -0.72 -3.73	74.50 -0.72 -3.52	74.71 -0.57 -3.51	76.20 -0.36 -4.56	78.78 -0.51 -7.14	96.06 -0.09 -8.90	111.37 -0.26 -23.66	103.32 0.44 -14.63	86.74 -0.74 -13.83	79.09 -0.86 -8.24	77.25 -1.00 -6.56	76.21 -0.65 -5.01	75.18 -0.65 -4.05	73.55 -0.57 -2.35	78.31 -0.43 -6.83	83.54 -0.22 -11.84	105.54 -0.41 -23.26	102.82 -0.16 -22.41	88.08 0.00 -15.78	85.03 -0.45 -9.80	78.58 -0.72 -7.24	79.76 -0.93 -8.84	78.93 -1.08 -8.30
GOWANUS_GT1_1 24077	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT1_2 24078	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT1_3 24079	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT1_4 24080	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT1_5 24084	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT1_6 24111	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT1_7 24112	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT1_8 24113	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT2_1 24114	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT2_2 24115	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT2_3 24116	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38

GOWANUS_GT2_4 24117	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT2_5 24118	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT2_6 24119	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT2_7 24120	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT2_8 24121	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT3_1 24122	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT3_2 24123	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -											

GOWANUS_GT4_3 24132	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT4_4 24133	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT4_5 24134	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT4_6 24135	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT4_7 24136	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GOWANUS_GT4_8 24137	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GREENBSH_115KV_TB3 55895	105.37 3.00 -21.15	98.06 2.66 -23.47	96.62 2.65 -22.27	96.62 2.66 -22.19	103.54 2.66 -28.87	123.84 2.53 -49.16	152.73 2.70 -62.78	195.47 2.64 -104.86	175.54 3.00 -84.29	138.77 2.43 -62.69	105.62 2.51 -31.40	99.52 2.51 -25.31	93.51 2.59 -19.07	89.86 2.66 -15.43	83.01 2.30 -8.94	100.78 2.37 -26.49	133.75 2.01 -59.82	188.28 2.07 -103.51	183.83 2.01 -101.25	149.60 1.81 -75.50	132.69 1.97 -55.03	117.64 2.16 -43.42	125.03 2.44 -50.74	108.20 2.51 -33.99
GREENIDGE_115KV_TB5 80291	82.75 -1.87 -3.40	71.99 -2.09 -2.15	71.43 -2.29 -2.03	71.71 -2.08 -2.02	72.97 -1.66 -2.63	74.67 -1.59 -4.11	91.51 -0.87 -5.14	127.15 -1.76 -40.93	112.30 -1.76 -25.81	88.95 -2.06 -17.37	85.00 -2.37 -15.66	82.70 -2.80 -13.80	80.62 -2.80 -11.58	81.23 -2.80 -12.26	78.56 -2.80 -9.58	83.36 -2.45 -13.88	89.41 -1.80 -19.29	119.31 -2.40 -39.01	113.58 -2.18 -35.19	97.59 -1.66 -26.96	75.91 -1.59 -1.81	72.57 -2.23 -2.74	71.35 -2.59 -2.09	71.00 -2.65 -1.95
GREENIDGE___3 23582	82.75 -1.87 -3.40	71.99 -2.09 -2.15	71.43 -2.29 -2.03	71.71 -2.08 -2.02	72.97 -1.66 -2.63	74.67 -1.59 -4.11	91.51 -0.87 -5.14	127.15 -1.76 -40.93	112.30 -1.76 -25.81	88.95 -2.06 -17.37	85.00 -2.37 -15.66	82.70 -2.80 -13.80	80.62 -2.80 -11.58	81.23 -2.80 -12.26	78.56 -2.80 -9.58	83.36 -2.45 -13.88	89.41 -1.80 -19.29	119.31 -2.40 -39.01	113.58 -2.18 -35.19	97.59 -1.66 -26.96	75.91 -1.59 -1.81	72.57 -2.23 -2.74	71.35 -2.59 -2.09	71.00 -2.65 -1.95
GREENIDGE___4 23583	82.75 -1.86 -3.40	71.99 -2.09 -2.15	71.43 -2.30 -2.03	71.71 -2.08 -2.02	72.97 -1.65 -2.63	74.67 -1.59 -4.11	91.51 -0.87 -5.14	127.15 -1.76 -40.93	112.48 -1.59 -25.81	88.95 -2.06 -17.37	84.28 -3.08 -15.66	82.34 -3.15 -13.80	80.27 -3.16 -11.58	80.73 -3.30 -12.26	78.13 -3.23 -9.58	82.92 -2.88 -13.88	88.90 -2.30 -19.29	119.72 -1.99 -39.01	113.99 -1.77 -35.19	97.59 -1.66 -26.96	75.83 -1.67 -1.81	72.57 -2.23 -2.74	71.35 -2.58 -2.09	71.00 -2.65 -1.95
GREENLWN_69_KV_BK 3 55738	105.18 6.50 -17.46	104.07 5.75 -26.39	101.46 5.59 -24.17	101.40 5.60 -24.02	99.94 5.76 -22.18	107.54 5.84 -29.54	133.74 7.50 -38.99	166.77 7.21 -71.58	141.92 8.30 -45.37	124.13 6.63 -43.86	104.18 6.67 -25.80	98.66 6.17 -20.80	93.84 6.32 -15.67	90.84 6.39 -12.68	91.08 6.89 -12.42	110.96 6.76 -32.28	146.02 6.69 -67.42	188.91 7.86 -98.36	183.06 7.73 -94.76	173.40 6.87 -94.24	148.77 7.04 -66.04	133.26 6.49 -54.71	123.93 6.32 -45.76	105.08 5.45 -27.93
GREENWD_138_KV_38B11_REV_LBMP_J 345004	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
GRISSOM___SOLAR 323813	110.39 5.68 -23.49	120.34 5.03 -43.38	117.95 4.94 -41.31	117.97 5.02 -41.17	130.68 5.11 -53.57	173.24 5.26 -95.82	218.16 6.89 -124.03	238.83 6.87 -143.99	242.28 6.97 -147.07	162.59 4.86 -84.09	110.31 3.73 -34.87	103.32 3.51 -28.11	96.41 3.38 -21.18	92.28 3.37 -17.13	85.51 3.80 -9.93	105.87 4.53 -29.42	171.13 5.25 -93.97	231.64 6.45 -142.49	226.91 6.36 -139.98	190.75 5.85 -112.60	170.39 6.06 -88.65	153.00 5.19 -75.75	160.76 5.03 -83.88	114.25 4.80 -37.75
GROVEVILLE___HYD 323602	104.43 5.77 -17.45	87.19 5.04 -10.23	86.20 4.88 -9.63	86.32 4.95 -9.59	89.52 5.04 -12.48	96.46 5.12 -19.19	117.67 6.54 -23.88	166.83 6.86 -72.00	137.15 7.41 -41.49	123.63 5.89 -44.10	103.14 5.52 -25.91	98.17 5.59 -20.88	93.12 5.53 -15.74	90.03 5.53 -12.73	84.82 5.67 -7.38	99.39 5.61 -21.86	112.58 5.83 -34.84	160.61 7.03 -70.88	156.52 6.93 -69.02	125.49 6.07 -47.13	112.78 6.21 -30.88	99.06 5.69 -21.30	104.58 5.39 -27.34	104.76 5.02 -28.04
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	82.00 -0.97 -1.76	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.07	87.12 -0.44 -0.31	93.28 -0.35 -5.66	88.99 -0.53 -1.27	76.37 -0.88 -3.61	73.39 -0.93 -2.62	72.66 -1.15 -2.11	72.15 -1.29 -1.59	71.84 -1.22 -1.29	71.37 -1.15 -0.75	73.12 -1.01 -2.21	73.03 -0.79 -1.91	87.75 -0.50 -5.55	85.45 -0.48 -5.36	74.79 -0.58 -3.08	76.59 -0.61 -1.51	71.66 -0.94 -0.54	71.85 -1.15 -1.15	73.31 -1.22 -2.83

HAMLTNNY_34_KV_TB 80303	82.12 -0.97 -1.88	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.56 -1.22 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.08	87.22 -0.35 -0.33	93.65 -0.35 -6.03	89.07 -0.53 -1.35	76.60 -0.88 -3.84	73.57 -0.93 -2.79	72.80 -1.15 -2.25	72.18 -1.37 -1.69	71.85 -1.29 -1.37	71.35 -1.22 -0.79	73.19 -1.08 -2.35	73.09 -0.86 -2.03	88.11 -0.50 -5.91	85.79 -0.48 -5.71	74.99 -0.58 -3.28	76.69 -0.61 -1.60	71.63 -1.01 -0.57	71.85 -1.22 -1.22	73.43 -1.29 -3.02
HAMPSHIRE___PAPER_HYD 323593	81.42 -0.24 -0.44	71.86 -0.07 0.00	71.63 -0.07 0.00	71.63 -0.14 0.00	71.79 -0.22 0.00	71.95 -0.22 -0.02	86.54 -0.79 -0.08	89.04 -0.35 -1.42	88.04 -0.53 -0.32	74.04 -0.51 -0.91	72.30 -0.07 -0.66	72.09 -0.14 -0.53	71.96 -0.29 -0.40	71.81 -0.29 -0.32	71.68 -0.29 -0.19	71.97 -0.50 -0.56	72.04 -0.36 -0.48	83.93 -0.17 -1.40	81.68 -0.24 -1.35	72.78 -0.29 -0.77	75.54 -0.53 -0.38	71.91 -0.29 -0.14	71.99 -0.14 -0.29	72.55 0.14 -0.71
HARDSCRABBLE_WT_PWR 323673	82.84 1.62 0.00	73.44 1.51 0.00	73.21 1.51 0.00	73.21 1.43 0.00	73.44 1.44 0.00	73.67 1.52 0.00	89.16 1.92 0.00	90.08 2.11 0.00	90.45 2.21 0.00	75.26 1.62 0.00	73.07 1.36 0.00	72.92 1.22 0.00	72.99 1.15 0.00	72.85 1.08 0.00	72.78 1.00 0.00	72.71 0.79 0.00	72.64 0.72 0.00	83.69 1.00 0.00	81.54 0.97 0.00	73.09 0.80 0.00	76.52 0.83 0.00	72.71 0.65 0.00	72.64 0.79 0.00	72.49 0.79 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	102.35 4.79 -16.34	85.59 4.17 -9.49	84.65 4.02 -8.93	84.77 4.09 -8.90	87.76 4.18 -11.58	94.24 4.33 -17.76	114.83 5.50 -22.08	160.88 5.63 -67.28	133.01 6.18 -38.58	119.87 5.01 -41.22	100.77 4.80 -24.26	96.06 4.80 -19.55	91.40 4.81 -14.74	88.50 4.81 -11.92	83.64 4.95 -6.91	97.20 4.82 -20.47	109.36 4.96 -32.48	154.88 5.95 -66.23	150.86 5.80 -64.49	121.41 5.13 -43.98	109.69 5.22 -28.78	96.63 4.76 -19.81	101.84 4.53 -25.46	102.04 4.09 -26.26
HARSNRAD_115KV_TB1 81005	75.29 -8.53 -2.60	65.53 -7.98 -1.58	64.87 -8.32 -1.49	65.30 -7.97 -1.49	66.37 -7.56 -1.93	67.16 -7.58 -2.58	81.01 -9.16 -2.93	69.78 -9.68 8.51	68.22 -10.41 9.62	62.18 -8.32 3.14	60.51 -7.39 3.81	58.77 -8.39 4.54	58.56 -9.41 3.87	57.08 -9.33 5.36	57.68 -9.12 4.98	58.30 -9.06 4.56	56.53 -9.71 5.68	65.03 -10.42 7.25	62.49 -10.15 7.93	54.54 -9.47 8.28	69.90 -9.16 -3.37	65.54 -9.30 -2.77	65.64 -9.34 -3.13	66.22 -8.60 -3.13
HARZA MOOSE___RIVER 24016	83.15 1.38 -0.56	73.23 1.29 -0.01	72.92 1.22 0.00	73.00 1.22 0.00	73.37 1.37 0.00	73.83 1.66 -0.02	89.44 2.09 -0.10	92.41 2.64 -1.80	91.30 2.65 -0.40	76.41 1.62 -1.14	73.97 1.43 -0.83	73.66 1.29 -0.67	73.65 1.29 -0.50	73.48 1.29 -0.41	73.31 1.29 -0.24	74.06 1.44 -0.70	74.25 1.73 -0.60	86.85 2.40 -1.76	84.61 2.34 -1.70	75.29 2.02 -0.98	78.06 1.89 -0.48	73.89 1.66 -0.17	73.58 1.37 -0.36	73.96 1.36 -0.90
HDSNBRDG_115KV_BRDG_TB1 355580	81.27 -1.54 -1.59	70.36 -1.58 -0.02	69.91 -1.79 0.00	70.13 -1.65 0.00	70.49 -1.51 0.00	70.92 -1.30 -0.07	86.39 -1.13 -0.28	91.94 -1.14 -5.12	88.16 -1.24 -1.15	75.50 -1.40 -3.26	72.64 -1.43 -2.37	72.03 -1.58 -1.91	71.56 -1.72 -1.44	71.22 -1.72 -1.16	70.80 -1.65 -0.67	72.33 -1.58 -2.00	72.20 -1.44 -1.72	86.47 -1.24 -5.02	84.21 -1.21 -4.84	73.92 -1.16 -2.78	75.84 -1.21 -1.36	71.03 -1.51 -0.49	71.16 -1.72 -1.04	72.54 -1.72 -2.56
HELLGATE_13_KV_LD 55870	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	159.97 6.78 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.47 6.13 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.66 5.02 -27.94
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.00 6.19 -23.56	165.83 6.25 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	159.97 6.78 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.47 6.13 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.66 5.02 -27.94
HEMPSTEAD____ 23647	105.09 6.41 -17.46	104.00 5.68 -26.39	101.39 5.52 -24.17	101.40 5.60 -24.02	99.87 5.69 -22.18	107.47 5.77 -29.54	133.48 7.24 -38.99	166.59 7.04 -71.58	141.73 8.11 -45.37	123.98 6.48 -43.86	103.97 6.46 -25.80	98.52 6.02 -20.80	93.70 6.18 -15.67	90.63 6.17 -12.68	90.79 6.60 -12.41	110.67 6.48 -32.28	145.73 6.40 -67.42	188.58 7.52 -98.36	182.73 7.41 -94.76	173.18 6.65 -94.24	148.61 6.89 -66.04	133.04 6.27 -54.71	123.64 6.04 -45.76	104.86 5.23 -27.93
HEWLETT_69_KV_BK3 55828	105.74 7.07 -17.46	104.51 6.19 -26.39	101.89 6.02 -24.17	101.90 6.10 -24.02	100.38 6.19 -22.18	107.90 6.20 -29.54	134.00 7.76 -38.99	167.21 7.65 -71.58	142.18 8.56 -45.37	124.35 6.85 -43.86	104.32 6.81 -25.80	98.88 6.38 -20.80	93.99 6.47 -15.67	90.98 6.53 -12.68	91.15 6.96 -12.41	111.03 6.83 -32.28	146.17 6.83 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.69 7.16 -94.24	148.99 7.27 -66.04	133.40 6.63 -54.71	124.00 6.39 -45.76	105.22 5.59 -27.93
HICKLING___1 23621	82.97 -2.60 -4.35	72.13 -2.59 -2.79	71.75 -2.58 -2.63	72.03 -2.37 -2.62	73.46 -1.94 -3.41	75.09 -2.38 -5.32	91.70 -2.18 -6.63	113.65 -2.46 -28.15	104.34 -1.32 -17.42	83.07 -3.02 -12.44	78.85 -3.23 -10.37	76.77 -3.44 -8.52	76.03 -2.87 -7.06	75.68 -2.87 -6.77	73.74 -2.87 -4.84	77.85 -2.66 -8.59	83.34 -2.16 -13.57	106.97 -2.89 -27.17	102.34 -2.34 -24.11	89.08 -1.81 -18.59	77.00 -2.65 -3.96	73.26 -2.95 -4.16	72.66 -3.16 -3.98	72.00 -3.44 -3.75
HICKLING___2 23622	82.97 -2.60 -4.35	72.13 -2.59 -2.79	71.75 -2.58 -2.63	72.03 -2.37 -2.62	73.46 -1.94 -3.41	75.09 -2.38 -5.32	91.70 -2.18 -6.63	113.65 -2.46 -28.15	104.34 -1.32 -17.42	83.07 -3.02 -12.44	78.85 -3.23 -10.37	76.77 -3.44 -8.52	76.03 -2.87 -7.06	75.68 -2.87 -6.77	73.74 -2.87 -4.84	77.85 -2.66 -8.59	83.34 -2.16 -13.57	106.97 -2.89 -27.17	102.34 -2.34 -24.11	89.08 -1.81 -18.59	77.00 -2.65 -3.96	73.26 -2.95 -4.16	72.66 -3.16 -3.98	72.00 -3.44 -3.75
HIGH FALLS___HY 23754	104.27 5.69 -17.37	88.06 4.96 -11.16	87.03 4.80 -10.53	87.08 4.81 -10.49	90.62 4.97 -13.65	98.75 5.19 -21.41	120.83 6.81 -26.78	168.14 6.95 -73.22	139.99 7.41 -44.32	124.03 5.67 -44.72	102.73 5.23 -25.78	97.71 5.23 -20.78	92.68 5.17 -15.66	89.61 5.17 -12.67	84.57 5.46 -7.34	99.07 5.39 -21.75	113.98 5.83 -36.24	162.00 7.19 -72.11	157.92 7.09 -70.26	127.05 6.22 -48.54	114.27 6.28 -32.31	100.53 5.69 -22.77	105.95 5.32 -28.78	104.41 4.80 -27.91
HIGH_RIVER___SOLAR 323847	108.08 4.14 -22.72	121.22 3.67 -45.62	118.75 3.58 -43.47	118.75 3.66 -43.32	132.11 3.74 -56.36	176.83 3.82 -100.86	222.51 4.88 -130.38	237.91 4.84 -145.10	246.54 4.94 -153.36	161.27 3.24 -84.40	107.88 2.44 -33.73	101.11 2.23 -27.19	94.42 2.08 -20.49	90.50 2.15 -16.57	83.89 2.51 -9.61	103.40 3.02 -28.46	172.38 3.74 -96.72	230.98 4.63 -143.65	226.38 4.59 -141.22	191.41 4.12 -115.00	171.57 4.31 -91.57	154.98 3.82 -79.10	162.47 3.66 -86.96	111.72 3.51 -36.51

HILLBURN___GT 23639	102.41 4.63 -16.56	85.65 4.10 -9.62	84.69 3.94 -9.05	84.74 3.95 -9.02	87.77 4.03 -11.74	94.34 4.18 -18.01	114.96 5.32 -22.39	161.62 5.46 -68.20	133.44 6.08 -39.11	120.44 5.01 -41.79	101.18 4.88 -24.59	96.40 4.88 -19.82	91.60 4.81 -14.94	88.67 4.81 -12.08	83.73 4.95 -7.00	97.48 4.82 -20.74	109.66 4.82 -32.93	155.53 5.70 -67.14	151.58 5.64 -65.37	121.86 4.98 -44.58	110.01 5.15 -29.17	96.82 4.68 -20.08	102.19 4.53 -25.81	102.33 4.01 -26.62
HILLSIDE_115KV_TB1 80332	82.39 -3.33 -4.51	71.66 -3.16 -2.89	71.41 -3.01 -2.73	71.70 -2.80 -2.72	73.02 -2.52 -3.54	74.64 -3.03 -5.52	91.08 -3.05 -6.88	111.04 -3.43 -26.50	102.56 -2.03 -16.34	82.05 -3.61 -12.01	77.66 -3.73 -9.68	75.74 -3.80 -7.85	75.22 -3.09 -6.46	74.73 -3.09 -6.04	72.96 -3.01 -4.20	76.98 -2.88 -7.94	82.18 -2.59 -12.85	104.72 -3.64 -25.67	100.41 -2.98 -22.82	87.43 -2.39 -17.52	76.96 -3.25 -4.53	73.14 -3.39 -4.47	72.70 -3.59 -4.45	72.03 -3.87 -4.20
HISHELDN_WT_PWR 323625	76.99 -7.31 -3.08	66.86 -6.98 -1.91	66.48 -7.02 -1.80	66.82 -6.75 -1.79	67.93 -6.41 -2.33	68.41 -6.86 -3.12	82.83 -7.94 -3.52	42.27 -8.53 37.16	55.90 -7.41 24.93	49.51 -7.73 16.40	47.55 -8.82 15.34	47.30 -8.68 15.72	49.88 -8.77 13.20	46.77 -8.90 16.11	48.89 -8.90 13.99	47.55 -8.49 15.88	46.53 -8.70 16.68	38.38 -9.84 34.47	37.33 -9.34 33.90	39.52 -8.38 24.39	71.81 -7.57 -3.69	67.71 -7.57 -3.21	67.57 -7.76 -3.49	67.60 -7.53 -3.43
HOLTSVILLE_IC_1 23690	105.25 6.58 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.68 5.89 -24.02	100.23 6.05 -22.18	107.76 6.06 -29.54	134.09 7.86 -38.99	166.77 7.22 -71.58	142.09 8.47 -45.37	124.20 6.70 -43.86	104.46 6.95 -25.80	98.59 6.09 -20.80	93.91 6.39 -15.67	90.98 6.53 -12.68	91.44 7.25 -12.42	111.10 6.90 -32.28	146.02 6.69 -67.42	188.92 7.86 -98.36	182.98 7.66 -94.76	173.40 6.87 -94.24	148.92 7.19 -66.04	133.47 6.70 -54.71	124.36 6.75 -45.76	105.43 5.81 -27.93
HOLTSVILLE_IC_10 23699	105.66 6.99 -17.46	104.72 6.40 -26.39	102.10 6.23 -24.17	102.04 6.24 -24.02	100.59 6.41 -22.18	108.11 6.42 -29.54	134.61 8.38 -38.99	167.30 7.74 -71.58	142.71 9.09 -45.37	124.64 7.14 -43.86	104.90 7.39 -25.80	98.95 6.46 -20.80	94.27 6.75 -15.67	91.34 6.89 -12.68	91.88 7.68 -12.42	111.54 7.34 -32.28	146.46 7.12 -67.42	189.49 8.44 -98.36	183.63 8.30 -94.76	173.91 7.38 -94.24	149.45 7.72 -66.04	133.98 7.21 -54.71	124.79 7.18 -45.76	105.79 6.17 -27.93
HOLTSVILLE_IC_2 23691	105.25 6.58 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.68 5.89 -24.02	100.23 6.05 -22.18	107.76 6.06 -29.54	134.09 7.86 -38.99	166.77 7.22 -71.58	142.09 8.47 -45.37	124.20 6.70 -43.86	104.46 6.95 -25.80	98.59 6.09 -20.80	93.91 6.39 -15.67	90.98 6.53 -12.68	91.44 7.25 -12.42	111.10 6.90 -32.28	146.02 6.69 -67.42	188.92 7.86 -98.36	182.98 7.66 -94.76	173.40 6.87 -94.24	148.92 7.19 -66.04	133.47 6.70 -54.71	124.36 6.75 -45.76	105.43 5.81 -27.93
HOLTSVILLE_IC_3 23692	105.25 6.58 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.68 5.89 -24.02	100.23 6.05 -22.18	107.76 6.06 -29.54	134.09 7.86 -38.99	166.77 7.22 -71.58	142.09 8.47 -45.37	124.20 6.70 -43.86	104.46 6.95 -25.80	98.59 6.09 -20.80	93.91 6.39 -15.67	90.98 6.53 -12.68	91.44 7.25 -12.42	111.10 6.90 -32.28	146.02 6.69 -67.42	188.92 7.86 -98.36	182.98 7.66 -94.76	173.40 6.87 -94.24	148.92 7.19 -66.04	133.47 6.70 -54.71	124.36 6.75 -45.76	105.43 5.81 -27.93
HOLTSVILLE_IC_4 23693	105.25 6.58 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.68 5.89 -24.02	100.23 6.05 -22.18	107.76 6.06 -29.54	134.09 7.86 -38.99	166.77 7.22 -71.58	142.09 8.47 -45.37	124.20 6.70 -43.86	104.46 6.95 -25.80	98.59 6.09 -20.80	93.91 6.39 -15.67	90.98 6.53 -12.68	91.44 7.25 -12.42	111.10 6.90 -32.28	146.02 6.69 -67.42	188.92 7.86 -98.36	182.98 7.66 -94.76	173.40 6.87 -94.24	148.92 7.19 -66.04	133.47 6.70 -54.71	124.36 6.75 -45.76	105.43 5.81 -27.93
HOLTSVILLE_IC_5 23694	105.25 6.58 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.68 5.89 -24.02	100.23 6.05 -22.18	107.76 6.06 -29.54	134.09 7.86 -38.99	166.77 7.22 -71.58	142.09 8.47 -45.37	124.20 6.70 -43.86	104.46 6.95 -25.80	98.59 6.09 -20.80	93.91 6.39 -15.67	90.98 6.53 -12.68	91.44 7.25 -12.42	111.10 6.90 -32.28	146.02 6.69 -67.42	188.92 7.86 -98.36	182.98 7.66 -94.76	173.40 6.87 -94.24	148.92 7.19 -66.04	133.47 6.70 -54.71	124.36 6.75 -45.76	105.43 5.81 -27.93
HOLTSVILLE_IC_6 23695	105.66 6.99 -17.46	104.72 6.40 -26.39	102.10 6.23 -24.17	102.04 6.24 -24.02	100.59 6.41 -22.18	108.11 6.42 -29.54	134.61 8.38 -38.99	167.30 7.74 -71.58	142.71 9.09 -45.37	124.64 7.14 -43.86	104.90 7.39 -25.80	98.95 6.46 -20.80	94.27 6.75 -15.67	91.34 6.89 -12.68	91.88 7.68 -12.42	111.54 7.34 -32.28	146.46 7.12 -67.42	189.49 8.44 -98.36	183.63 8.30 -94.76	173.91 7.38 -94.24	149.45 7.72 -66.04	133.98 7.21 -54.71	124.79 7.18 -45.76	105.79 6.17 -27.93
HOLTSVILLE_IC_7 23696	105.66 6.99 -17.46	104.72 6.40 -26.39	102.10 6.23 -24.17	102.04 6.24 -24.02	100.59 6.41 -22.18	108.11 6.42 -29.54	134.61 8.38 -38.99	167.30 7.74 -71.58	142.71 9.09 -45.37	124.64 7.14 -43.86	104.90 7.39 -25.80	98.95 6.46 -20.80	94.27 6.75 -15.67	91.34 6.89 -12.68	91.88 7.68 -12.42	111.54 7.34 -32.28	146.46 7.12 -67.42	189.49 8.44 -98.36	183.63 8.30 -94.76	173.91 7.38 -94.24	149.45 7.72 -66.04	133.98 7.21 -54.71	124.79 7.18 -45.76	105.79 6.17 -27.93
HOLTSVILLE_IC_8 23697	105.66 6.99 -17.46	104.72 6.40 -26.39	102.10 6.23 -24.17	102.04 6.24 -24.02	100.59 6.41 -22.18	108.11 6.42 -29.54	134.61 8.38 -38.99	167.30 7.74 -71.58	142.71 9.09 -45.37	124.64 7.14 -43.86	104.90 7.39 -25.80	98.95 6.46 -20.80	94.27 6.75 -15.67	91.34 6.89 -12.68	91.88 7.68 -12.42	111.54 7.34 -32.28	146.46 7.12 -67.42	189.49 8.44 -98.36	183.63 8.30 -94.76	173.91 7.38 -94.24	149.45 7.72 -66.04	133.98 7.21 -54.71	124.79 7.18 -45.76	105.79 6.17 -27.93
HOLTSVILLE_IC_9 23698	105.66 6.99 -17.46	104.72 6.40 -26.39	102.10 6.23 -24.17	102.04 6.24 -24.02	100.59 6.41 -22.18	108.11 6.42 -29.54	134.61 8.38 -38.99	167.30 7.74 -71.58	142.71 9.09 -45.37	124.64 7.14 -43.86	104.90 7.39 -25.80	98.95 6.46 -20.80	94.27 6.75 -15.67	91.34 6.89 -12.68	91.88 7.68 -12.42	111.54 7.34 -32.28	146.46 7.12 -67.42	189.49 8.44 -98.36	183.63 8.30 -94.76	173.91 7.38 -94.24	149.45 7.72 -66.04	133.98 7.21 -54.71	124.79 7.18 -45.76	105.79 6.17 -27.93
HOMER_HL_115KV_TB2 355744	76.91 -7.55 -3.25	67.27 -6.69 -2.03	68.09 -5.52 -1.91	68.44 -5.24 -1.90	69.65 -4.82 -2.48	68.45 -7.00 -3.30	83.21 -7.76 -3.73	88.85 -8.45 -9.32	91.16 -2.21 -5.12	70.84 -7.58 -4.78	67.44 -7.39 -3.12	66.91 -6.81 -2.02	70.04 -3.38 -1.56	69.35 -3.23 -0.80	68.68 -3.16 -0.07	70.91 -3.09 -2.08	73.47 -3.16 -4.71	84.02 -7.86 -9.18	83.06 -5.56 -8.05	75.28 -3.18 -6.17	72.96 -6.66 -3.93	69.27 -6.20 -3.41	69.16 -6.39 -3.71	67.52 -7.82 -3.63
HOWARD_WT_PWR 323690	80.21 -4.63 -3.62	69.47 -4.75 -2.29	69.05 -4.80 -2.16	69.33 -4.60 -2.15	70.48 -4.32 -2.80	71.83 -4.69 -4.37	87.83 -4.88 -5.46	154.37 -5.10 -71.51	129.93 -3.88 -45.56	99.53 -5.67 -31.56	92.89 -6.60 -27.78	90.01 -7.17 -25.48	85.84 -7.25 -21.25	87.68 -7.39 -23.29	82.61 -7.90 -18.73	90.10 -7.55 -25.73	98.53 -6.76 -33.37	143.26 -7.11 -67.67	136.87 -6.77 -63.07	113.05 -6.29 -47.05	72.09 -6.20 -2.61	68.68 -6.56 -3.17	67.71 -6.90 -2.76	67.20 -7.10 -2.61

HQ_GEN_CEDARS 23644	80.65 -0.57 0.00	71.64 -0.29 0.00	71.63 -0.07 0.00	71.56 -0.22 0.00	71.50 -0.50 0.00	71.36 -0.79 0.00	85.59 -1.66 0.00	86.30 -1.67 0.00	86.22 -2.03 0.00	72.54 -1.10 0.00	70.70 -1.00 0.00	70.91 -0.79 0.00	71.13 -0.72 0.00	70.99 -0.79 0.00	70.92 -0.86 0.00	70.77 -1.15 0.00	70.77 -1.15 0.00	80.79 -1.90 0.00	78.88 -1.69 0.00	70.92 -1.37 0.00	74.25 -1.44 0.00	71.12 -0.94 0.00	71.20 -0.65 0.00	71.48 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	80.65 -0.56 0.00	71.64 -0.29 0.00	71.63 -0.07 0.00	71.56 -0.21 0.00	71.50 -0.50 0.00	71.36 -0.79 0.00	85.59 -1.66 0.00	86.30 -1.67 0.00	86.04 -2.20 0.00	72.54 -1.10 0.00	71.49 -0.21 0.00	71.41 -0.29 0.00	71.35 -0.50 0.00	71.35 -0.43 0.00	71.28 -0.50 0.00	71.06 -0.86 0.00	71.06 -0.86 0.00	81.46 -1.24 0.00	79.28 -1.29 0.00	71.06 -1.23 0.00	74.25 -1.44 0.00	71.12 -0.94 0.00	71.27 -0.58 0.00	71.48 -0.21 0.00
HQ_GEN_IMPORT 323601	80.24 -0.97 0.00	71.21 -0.72 0.00	71.20 -0.50 0.00	71.20 -0.58 0.00	71.21 -0.79 0.00	71.21 -0.94 0.00	85.76 -1.48 0.00	86.39 -1.58 0.00	86.39 -1.86 0.00	72.54 -1.10 0.00	71.21 -0.50 0.00	71.20 -0.50 0.00	71.20 -0.65 0.00	71.20 -0.58 0.00	71.20 -0.58 0.00	71.20 -0.72 0.00	71.20 -0.72 0.00	81.54 -1.16 0.00	79.36 -1.21 0.00	71.21 -1.08 0.00	74.47 -1.21 0.00	71.20 -0.86 0.00	71.20 -0.65 0.00	71.20 -0.50 0.00
HQ_GEN_WHEEL 23651	80.24 -0.97 0.00	71.21 -0.72 0.00	71.20 -0.50 0.00	71.20 -0.58 0.00	71.21 -0.79 0.00	71.21 -0.94 0.00	85.76 -1.48 0.00	86.39 -1.58 0.00	86.39 -1.86 0.00	72.54 -1.10 0.00	71.21 -0.50 0.00	71.20 -0.50 0.00	71.20 -0.65 0.00	71.20 -0.58 0.00	71.20 -0.58 0.00	71.20 -0.72 0.00	71.20 -0.72 0.00	81.54 -1.16 0.00	79.36 -1.21 0.00	71.21 -1.08 0.00	74.47 -1.21 0.00	71.20 -0.86 0.00	71.20 -0.65 0.00	71.20 -0.50 0.00
HUDSON_AVE_GT_3 23810	104.20 5.60 -17.38	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.48	89.24 4.90 -12.34	96.07 4.98 -18.94	117.35 6.54 -23.56	166.17 6.60 -71.60	136.67 7.32 -41.10	123.77 6.26 -43.87	103.76 6.24 -25.81	98.74 6.24 -20.80	93.78 6.25 -15.68	90.70 6.24 -12.68	85.44 6.32 -7.35	99.73 6.04 -21.77	112.40 5.90 -34.58	160.05 6.86 -70.49	155.97 6.77 -68.63	125.11 6.00 -46.82	112.46 6.13 -30.64	98.78 5.62 -21.10	104.50 5.53 -27.12	104.65 5.02 -27.94
HUDSON_AVE_GT_4 23540	104.20 5.60 -17.38	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.48	89.24 4.90 -12.34	96.07 4.98 -18.94	117.35 6.54 -23.56	166.17 6.60 -71.60	136.67 7.32 -41.10	123.77 6.26 -43.87	103.76 6.24 -25.81	98.74 6.24 -20.80	93.78 6.25 -15.68	90.70 6.24 -12.68	85.44 6.32 -7.35	99.73 6.04 -21.77	112.40 5.90 -34.58	160.05 6.86 -70.49	155.97 6.77 -68.63	125.11 6.00 -46.82	112.46 6.13 -30.64	98.78 5.62 -21.10	104.50 5.53 -27.12	104.65 5.02 -27.94
HUDSON_AVE_GT_5 23657	104.20 5.60 -17.38	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.48	89.24 4.90 -12.34	96.07 4.98 -18.94	117.35 6.54 -23.56	166.17 6.60 -71.60	136.67 7.32 -41.10	123.77 6.26 -43.87	103.76 6.24 -25.81	98.74 6.24 -20.80	93.78 6.25 -15.68	90.70 6.24 -12.68	85.44 6.32 -7.35	99.73 6.04 -21.77	112.40 5.90 -34.58	160.05 6.86 -70.49	155.97 6.77 -68.63	125.11 6.00 -46.82	112.46 6.13 -30.64	98.78 5.62 -21.10	104.50 5.53 -27.12	104.65 5.02 -27.94
HUDSON_AVE_10 24168	103.96 5.36 -17.38	86.79 4.75 -10.11	85.73 4.52 -9.52	85.86 4.59 -9.48	89.02 4.68 -12.34	95.92 4.83 -18.94	117.08 6.28 -23.56	166.00 6.42 -71.60	136.50 7.15 -41.10	123.62 6.11 -43.87	103.61 6.10 -25.81	98.60 6.09 -20.80	93.63 6.11 -15.68	90.56 6.10 -12.68	85.30 6.17 -7.35	99.59 5.90 -21.77	112.26 5.75 -34.58	159.97 6.78 -70.49	155.89 6.69 -68.63	125.04 5.93 -46.82	112.39 6.06 -30.64	98.64 5.48 -21.10	104.35 5.39 -27.12	104.44 4.80 -27.94
HUDSON___115KV_TB 4 355613	106.31 4.39 -20.71	96.35 3.81 -20.61	95.11 3.87 -19.54	95.12 3.88 -19.47	101.22 3.89 -25.33	118.57 3.82 -42.60	145.67 4.19 -54.24	191.00 4.13 -98.89	167.91 4.41 -75.25	136.21 3.17 -59.40	105.32 2.87 -30.74	99.34 2.87 -24.78	93.39 2.87 -18.67	89.75 2.87 -15.10	83.26 2.73 -8.75	100.87 3.02 -25.93	129.82 3.09 -54.80	183.83 3.56 -97.58	179.39 3.46 -95.36	145.39 3.11 -69.98	128.98 3.18 -50.11	113.98 3.17 -38.75	121.06 3.31 -45.91	108.63 3.66 -33.27
HUNTER MOUNT___DRP 323613	105.91 4.47 -20.23	94.52 3.88 -18.70	93.29 3.87 -17.72	93.31 3.88 -17.65	98.86 3.89 -22.97	114.32 3.90 -38.27	140.32 4.45 -48.62	186.79 4.49 -94.33	162.05 4.68 -69.13	133.64 3.17 -56.83	104.46 2.72 -30.03	98.63 2.72 -24.20	92.82 2.73 -18.24	89.26 2.73 -14.75	82.91 2.58 -8.55	100.20 2.95 -25.33	126.42 3.24 -51.27	179.54 3.80 -93.04	175.16 3.71 -90.88	141.54 3.25 -65.99	125.70 3.33 -46.68	110.88 3.24 -35.58	117.73 3.31 -42.58	107.79 3.58 -32.50
HUNTINGTON_RES_REC 323705	105.34 6.66 -17.46	104.29 5.97 -26.39	101.67 5.81 -24.17	101.83 6.03 -24.02	100.30 6.12 -22.18	107.90 6.21 -29.54	134.26 8.02 -38.99	167.12 7.57 -71.58	142.45 8.82 -45.37	124.42 6.92 -43.86	104.61 7.10 -25.80	98.87 6.38 -20.80	94.13 6.61 -15.67	91.13 6.68 -12.68	91.52 7.32 -12.42	111.32 7.12 -32.28	146.31 6.97 -67.42	189.32 8.27 -98.36	183.38 8.06 -94.76	173.76 7.23 -94.24	149.22 7.49 -66.04	133.69 6.92 -54.71	124.44 6.83 -45.76	105.43 5.81 -27.93
HUNTLEY___63 23557	76.60 -7.31 -2.69	66.74 -6.83 -1.65	66.15 -7.10 -1.55	66.58 -6.75 -1.55	67.68 -6.34 -2.01	68.42 -6.42 -2.69	82.35 -7.94 -3.05	75.71 -8.18 4.08	76.65 -8.38 3.21	65.35 -7.14 1.15	63.23 -6.38 2.09	61.59 -7.31 2.80	61.49 -7.90 2.46	60.32 -7.82 3.64	60.64 -7.61 3.53	61.51 -7.62 2.79	62.40 -8.13 1.39	70.10 -9.01 3.58	68.11 -8.62 3.84	61.95 -7.88 2.47	71.05 -8.10 -3.46	66.72 -8.22 -2.87	66.81 -8.26 -3.23	67.24 -7.67 -3.21
HUNTLEY___64 23558	76.60 -7.31 -2.69	66.74 -6.83 -1.65	66.15 -7.10 -1.55	66.58 -6.75 -1.55	67.68 -6.34 -2.01	68.42 -6.42 -2.69	82.35 -7.94 -3.05	75.71 -8.18 4.08	76.65 -8.38 3.21	65.35 -7.14 1.15	63.23 -6.38 2.09	61.59 -7.31 2.80	61.49 -7.90 2.46	60.32 -7.82 3.64	60.64 -7.61 3.53	61.51 -7.62 2.79	62.40 -8.13 1.39	70.10 -9.01 3.58	68.11 -8.62 3.84	61.95 -7.88 2.47	71.05 -8.10 -3.46	66.72 -8.22 -2.87	66.81 -8.26 -3.23	67.24 -7.67 -3.21
HUNTLEY___65 23559	76.60 -7.31 -2.69	66.74 -6.83 -1.65	66.15 -7.10 -1.55	66.58 -6.75 -1.55	67.68 -6.34 -2.01	68.42 -6.42 -2.69	82.35 -7.94 -3.05	75.71 -8.18 4.08	76.65 -8.38 3.21	65.35 -7.14 1.15	63.23 -6.38 2.09	61.59 -7.31 2.80	61.49 -7.90 2.46	60.32 -7.82 3.64	60.64 -7.61 3.53	61.51 -7.62 2.79	62.40 -8.13 1.39	70.10 -9.01 3.58	68.11 -8.62 3.84	61.95 -7.88 2.47	71.05 -8.10 -3.46	66.72 -8.22 -2.87	66.81 -8.26 -3.23	67.24 -7.67 -3.21
HUNTLEY___66 23560	76.60 -7.31 -2.69	66.74 -6.83 -1.65	66.15 -7.10 -1.55	66.58 -6.75 -1.55	67.68 -6.34 -2.01	68.42 -6.42 -2.69	82.35 -7.94 -3.05	75.71 -8.18 4.08	76.65 -8.38 3.21	65.35 -7.14 1.15	63.23 -6.38 2.09	61.59 -7.31 2.80	61.49 -7.90 2.46	60.32 -7.82 3.64	60.64 -7.61 3.53	61.51 -7.62 2.79	62.40 -8.13 1.39	70.10 -9.01 3.58	68.11 -8.62 3.84	61.95 -7.88 2.47	71.05 -8.10 -3.46	66.72 -8.22 -2.87	66.81 -8.26 -3.23	67.24 -7.67 -3.21

HUNTLEY___67 23561	76.33 -7.63 -2.75	66.49 -7.12 -1.68	65.97 -7.31 -1.59	66.32 -7.03 -1.58	67.43 -6.62 -2.06	68.04 -6.85 -2.75	82.15 -8.20 -3.11	72.11 -8.89 6.98	74.09 -8.74 5.42	63.33 -7.81 2.50	61.43 -7.03 3.25	59.87 -7.89 3.95	60.18 -8.26 3.41	58.84 -8.18 4.76	59.34 -7.97 4.47	59.98 -7.98 3.95	60.59 -8.41 2.92	66.92 -9.51 6.26	64.99 -9.10 6.48	59.42 -8.24 4.63	70.87 -8.33 -3.51	66.70 -8.29 -2.92	66.78 -8.33 -3.27	67.07 -7.89 -3.25
HUNTLEY___68 23562	76.33 -7.63 -2.75	66.49 -7.12 -1.68	65.97 -7.31 -1.59	66.32 -7.03 -1.58	67.43 -6.62 -2.06	68.04 -6.85 -2.75	82.15 -8.20 -3.11	72.11 -8.89 6.98	74.09 -8.74 5.42	63.33 -7.81 2.50	61.43 -7.03 3.25	59.87 -7.89 3.95	60.18 -8.26 3.41	58.84 -8.18 4.76	59.34 -7.97 4.47	59.98 -7.98 3.95	60.59 -8.41 2.92	66.92 -9.51 6.26	64.99 -9.10 6.48	59.42 -8.24 4.63	70.87 -8.33 -3.51	66.70 -8.29 -2.92	66.78 -8.33 -3.27	67.07 -7.89 -3.25
HYLAND___LFG 323620	83.96 -0.24 -2.99	72.92 -0.86 -1.85	72.15 -1.29 -1.75	72.36 -1.15 -1.74	73.61 -0.65 -2.26	74.95 -0.22 -3.02	91.53 0.87 -3.42	164.37 1.14 -75.26	136.09 0.00 -47.84	106.25 -1.69 -34.30	97.25 -3.87 -29.42	95.16 -3.94 -27.41	90.64 -3.95 -22.74	92.75 -4.23 -25.20	88.05 -4.16 -20.44	96.58 -3.09 -27.75	104.66 -2.23 -34.97	152.83 -0.99 -71.12	147.21 -0.73 -67.37	120.98 -0.79 -49.48	78.84 -0.08 -3.23	73.96 -1.08 -2.98	73.08 -1.87 -3.11	73.03 -1.72 -3.05
INDECK___CORINTH 23802	110.19 6.99 -21.99	122.37 6.19 -44.25	119.95 6.09 -42.16	119.96 6.17 -42.01	132.93 6.26 -54.67	175.97 6.27 -97.54	221.09 7.94 -125.90	236.56 8.00 -140.58	245.24 8.39 -148.60	162.03 6.63 -81.76	110.16 5.81 -32.64	103.67 5.66 -26.31	97.29 5.61 -19.83	93.34 5.53 -16.04	86.67 5.60 -9.30	105.42 5.97 -27.54	172.01 6.33 -93.76	229.24 7.36 -139.19	224.57 7.17 -136.83	190.26 6.51 -111.46	171.28 6.81 -88.78	154.97 6.20 -76.71	162.12 5.96 -84.32	112.91 5.88 -35.34
INDECK___ILION 23567	82.76 1.54 0.00	73.37 1.44 0.00	73.06 1.36 0.00	73.14 1.36 0.00	73.37 1.37 0.00	73.59 1.44 0.00	89.08 1.83 0.00	89.91 1.94 0.00	90.28 2.03 0.00	75.11 1.47 0.00	73.14 1.43 0.00	72.99 1.29 0.00	73.14 1.29 0.00	73.00 1.22 0.00	73.07 1.29 0.00	73.14 1.22 0.00	73.07 1.15 0.00	84.18 1.49 0.00	82.02 1.45 0.00	73.59 1.30 0.00	76.97 1.29 0.00	73.21 1.15 0.00	73.00 1.15 0.00	72.77 1.08 0.00
INDECK___OLEAN 23982	76.91 -7.55 -3.25	67.27 -6.69 -2.03	68.09 -5.52 -1.91	68.44 -5.24 -1.90	69.65 -4.82 -2.48	68.46 -7.00 -3.30	83.21 -7.77 -3.73	88.85 -8.45 -9.32	91.51 -1.86 -5.12	70.84 -7.58 -4.78	70.32 -4.52 -3.12	68.27 -5.45 -2.02	67.52 -5.89 -1.56	67.63 -4.95 -0.80	67.82 -4.02 -0.07	68.82 -5.18 -2.08	72.61 -4.03 -4.71	87.40 -4.47 -9.18	83.94 -4.68 -8.05	73.25 -5.21 -6.17	73.11 -6.51 -3.93	69.27 -6.20 -3.41	69.45 -6.11 -3.71	67.52 -7.81 -3.63
INDECK___OSWEGO 23783	80.28 -2.27 -1.33	69.71 -2.23 -0.01	69.33 -2.36 0.00	69.48 -2.30 0.00	69.84 -2.16 0.00	70.18 -2.02 -0.05	85.47 -2.00 -0.23	90.32 -1.94 -4.28	87.09 -2.12 -0.96	74.31 -2.06 -2.73	71.18 -2.51 -1.98	70.78 -2.51 -1.60	70.68 -2.37 -1.20	70.31 -2.44 -0.97	69.90 -2.44 -0.56	71.29 -2.30 -1.67	71.13 -2.23 -1.44	84.58 -2.31 -4.20	82.45 -2.17 -4.06	72.67 -1.95 -2.33	74.86 -1.97 -1.14	70.31 -2.16 -0.41	70.35 -2.37 -0.87	71.55 -2.30 -2.14
INDECK___YERKES 23781	76.68 -7.23 -2.69	66.81 -6.76 -1.65	66.23 -7.02 -1.55	66.65 -6.67 -1.55	67.82 -6.19 -2.01	68.42 -6.42 -2.69	82.44 -7.85 -3.05	75.80 -8.09 4.08	77.36 -7.68 3.21	65.42 -7.07 1.15	60.51 -9.11 2.09	60.22 -8.68 2.80	60.70 -8.70 2.46	59.09 -9.05 3.64	59.06 -9.19 3.53	60.71 -8.41 2.79	61.03 -9.49 1.39	68.20 -10.92 3.58	66.42 -10.31 3.84	60.86 -8.97 2.47	70.98 -8.18 -3.46	66.79 -8.14 -2.87	66.67 -8.41 -3.23	67.24 -7.67 -3.21
INDIAN POINT_GT_1 24139	103.29 4.87 -17.21	86.25 4.32 -10.01	85.28 4.16 -9.42	85.33 4.16 -9.39	88.53 4.32 -12.21	95.29 4.40 -18.74	116.14 5.58 -23.31	164.56 5.72 -70.87	135.28 6.35 -40.68	122.29 5.23 -43.42	102.34 5.09 -25.54	97.45 5.16 -20.59	92.54 5.17 -15.52	89.49 5.17 -12.55	84.29 5.24 -7.27	98.58 5.11 -21.55	111.18 5.03 -34.23	158.42 5.95 -69.77	154.38 5.88 -67.93	123.84 5.21 -46.34	111.32 5.30 -30.33	97.85 4.90 -20.88	103.43 4.74 -26.84	103.65 4.30 -27.65
INDIAN POINT_GT_2 23659	103.29 4.87 -17.21	86.25 4.32 -10.01	85.28 4.16 -9.42	85.33 4.16 -9.39	88.53 4.32 -12.21	95.29 4.40 -18.74	116.14 5.58 -23.31	164.56 5.72 -70.87	135.28 6.35 -40.68	122.29 5.23 -43.42	102.34 5.09 -25.54	97.45 5.16 -20.59	92.54 5.17 -15.52	89.49 5.17 -12.55	84.29 5.24 -7.27	98.58 5.11 -21.55	111.18 5.03 -34.23	158.42 5.95 -69.77	154.38 5.88 -67.93	123.84 5.21 -46.34	111.32 5.30 -30.33	97.85 4.90 -20.88	103.43 4.74 -26.84	103.65 4.30 -27.65
INDIAN POINT_GT_3 24019	103.29 4.87 -17.21	86.25 4.32 -10.01	85.28 4.16 -9.42	85.33 4.16 -9.39	88.53 4.32 -12.21	95.29 4.40 -18.74	116.14 5.58 -23.31	164.56 5.72 -70.87	135.28 6.35 -40.68	122.29 5.23 -43.42	102.34 5.09 -25.54	97.45 5.16 -20.59	92.54 5.17 -15.52	89.49 5.17 -12.55	84.29 5.24 -7.27	98.58 5.11 -21.55	111.18 5.03 -34.23	158.42 5.95 -69.77	154.38 5.88 -67.93	123.84 5.21 -46.34	111.32 5.30 -30.33	97.85 4.90 -20.88	103.43 4.74 -26.84	103.65 4.30 -27.65
INDIAN POINT___2 23530	102.90 4.71 -16.97	85.96 4.17 -9.86	85.00 4.01 -9.29	85.05 4.02 -9.25	88.14 4.10 -12.04	94.80 4.18 -18.47	115.63 5.41 -22.97	163.33 5.46 -69.90	134.53 6.18 -40.10	121.55 5.08 -42.83	101.85 4.94 -25.20	96.95 4.94 -20.31	92.11 4.95 -15.31	89.04 4.88 -12.38	83.98 5.02 -7.18	98.07 4.89 -21.26	110.49 4.82 -33.75	157.30 5.79 -68.81	153.21 5.64 -67.00	122.98 4.98 -45.70	110.81 5.22 -29.91	97.41 4.75 -20.59	102.91 4.60 -26.46	103.06 4.08 -27.28
INDIAN POINT___3 23531	103.22 4.79 -17.22	86.12 4.17 -10.01	85.14 4.02 -9.43	85.26 4.09 -9.39	88.40 4.18 -12.22	95.17 4.26 -18.76	116.07 5.50 -23.33	164.43 5.54 -70.92	135.13 6.18 -40.71	122.17 5.08 -43.45	102.29 5.02 -25.56	97.32 5.02 -20.60	92.40 5.03 -15.53	89.36 5.02 -12.56	84.15 5.10 -7.28	98.45 4.96 -21.56	111.06 4.89 -34.25	158.30 5.79 -69.81	154.27 5.72 -67.98	123.73 5.06 -46.37	111.26 5.22 -30.35	97.72 4.76 -20.90	103.30 4.60 -26.86	103.53 4.16 -27.67
INGHAM_C_115KV_TB7 356103	83.73 2.52 0.00	74.23 2.30 0.00	73.99 2.29 0.00	74.00 2.23 0.00	74.23 2.23 0.00	74.46 2.31 0.00	90.13 2.88 0.00	90.96 2.99 0.00	91.34 3.09 0.00	76.00 2.36 0.00	73.93 2.22 0.00	73.78 2.08 0.00	73.79 1.94 0.00	73.71 1.94 0.00	73.71 1.94 0.00	73.57 1.65 0.00	73.57 1.65 0.00	84.76 2.07 0.00	82.58 2.01 0.00	74.03 1.74 0.00	77.35 1.67 0.00	73.57 1.51 0.00	73.50 1.65 0.00	73.35 1.65 0.00
IP CORINTH___1 23988	110.19 6.98 -21.99	122.37 6.19 -44.25	119.96 6.09 -42.16	119.96 6.17 -42.01	132.93 6.26 -54.67	176.04 6.35 -97.54	221.09 7.94 -125.90	236.56 8.01 -140.58	245.23 8.38 -148.60	162.03 6.63 -81.76	110.31 5.95 -32.64	103.75 5.74 -26.31	97.35 5.68 -19.83	93.34 5.53 -16.04	86.74 5.67 -9.30	105.50 6.04 -27.54	172.08 6.40 -93.76	229.24 7.36 -139.19	224.65 7.25 -136.83	190.40 6.65 -111.46	171.13 6.66 -88.78	154.97 6.20 -76.71	162.13 5.96 -84.32	112.91 5.88 -35.34

IP__TICONDEROGA 23804	113.48 10.31 -21.95	124.88 9.21 -43.74	122.62 9.25 -41.67	122.70 9.40 -41.52	135.54 9.50 -54.03	178.02 9.52 -96.35	223.63 12.04 -124.34	239.66 12.05 -139.64	247.78 12.53 -147.00	164.76 9.87 -81.25	113.04 8.75 -32.59	106.49 8.53 -26.26	100.05 8.41 -19.79	96.04 8.25 -16.01	89.60 8.54 -9.28	108.61 9.21 -27.49	174.60 9.78 -92.90	232.19 11.25 -138.24	227.50 11.04 -135.89	192.95 10.12 -110.54	173.68 10.07 -87.93	157.09 9.15 -75.88	164.16 8.84 -83.47	115.72 8.75 -35.27
ISLIP_RES_REC 323679	105.99 7.31 -17.46	105.01 6.69 -26.39	102.39 6.52 -24.17	102.33 6.53 -24.02	100.88 6.70 -22.18	108.47 6.78 -29.54	135.05 8.81 -38.99	167.82 8.27 -71.58	143.15 9.53 -45.37	124.93 7.43 -43.86	105.26 7.75 -25.80	99.23 6.74 -20.80	94.57 7.05 -15.67	91.70 7.25 -12.68	92.16 7.97 -12.42	111.89 7.70 -32.28	146.88 7.55 -67.42	189.99 8.93 -98.36	184.11 8.78 -94.76	174.34 7.81 -94.24	149.83 8.10 -66.04	134.26 7.49 -54.71	125.08 7.47 -45.76	106.08 6.46 -27.93
JAMAICA__27_KV_LOAD 355505	104.45 5.85 -17.38	87.15 5.11 -10.11	86.09 4.88 -9.52	86.14 4.88 -9.48	89.38 5.04 -12.34	96.36 5.27 -18.94	117.78 6.98 -23.56	166.79 7.21 -71.60	137.38 8.03 -41.10	124.29 6.77 -43.87	104.26 6.74 -25.81	99.24 6.74 -20.80	94.35 6.83 -15.68	91.27 6.82 -12.68	85.94 6.82 -7.35	100.31 6.62 -21.77	112.98 6.47 -34.58	160.88 7.69 -70.49	156.86 7.65 -68.63	125.84 6.72 -46.82	113.22 6.89 -30.64	99.36 6.20 -21.10	104.93 5.96 -27.12	104.94 5.31 -27.94
JANIS__SOLAR 323808	88.99 3.09 -4.69	78.14 2.52 -3.70	77.49 2.29 -3.49	77.77 2.51 -3.48	79.41 2.88 -4.53	82.63 3.25 -7.23	100.99 4.71 -9.03	118.19 5.19 -25.03	109.98 5.03 -16.71	93.60 2.43 -17.53	81.69 1.36 -8.63	80.43 1.08 -7.65	78.49 1.08 -5.56	77.73 1.00 -4.95	76.25 1.22 -3.26	81.78 1.72 -8.13	87.29 2.59 -12.79	111.02 3.89 -24.44	110.60 3.87 -26.17	92.67 3.40 -16.98	92.69 3.25 -13.75	83.28 2.52 -8.70	85.73 1.94 -11.94	84.06 1.72 -10.65
JARVIS____ 23743	81.86 0.65 0.00	72.50 0.57 0.00	72.20 0.51 0.00	72.28 0.51 0.00	72.57 0.57 0.00	72.72 0.57 0.00	87.94 0.69 0.00	88.76 0.79 0.00	89.13 0.88 0.00	74.23 0.59 0.00	72.21 0.51 0.00	72.20 0.51 0.00	72.42 0.57 0.00	72.28 0.51 0.00	72.28 0.51 0.00	72.49 0.57 0.00	72.43 0.51 0.00	83.35 0.66 0.00	81.21 0.64 0.00	72.87 0.58 0.00	76.29 0.60 0.00	72.64 0.57 0.00	72.35 0.51 0.00	72.20 0.51 0.00
JENNISON__1 23625	90.92 3.65 -6.05	80.70 3.24 -5.53	79.95 3.01 -5.24	80.16 3.16 -5.22	82.25 3.46 -6.79	86.87 3.75 -10.97	105.92 4.97 -13.70	121.62 5.54 -28.11	114.42 5.82 -20.35	94.45 3.24 -17.57	83.34 2.65 -8.98	81.39 2.37 -7.33	79.82 2.51 -5.45	78.63 2.44 -4.41	76.85 2.51 -2.56	82.43 2.80 -7.71	90.53 3.38 -15.23	114.68 4.30 -27.68	112.56 4.35 -27.64	95.90 3.98 -19.63	93.93 3.56 -14.69	85.94 3.03 -10.85	87.64 2.51 -13.28	84.29 2.22 -10.37
JENNISON__2 23626	90.92 3.65 -6.05	80.70 3.24 -5.53	79.95 3.01 -5.24	80.16 3.16 -5.22	82.25 3.46 -6.79	86.87 3.75 -10.97	105.92 4.97 -13.70	121.62 5.54 -28.11	114.42 5.82 -20.35	94.45 3.24 -17.57	83.34 2.65 -8.98	81.39 2.37 -7.33	79.82 2.51 -5.45	78.63 2.44 -4.41	76.85 2.51 -2.56	82.43 2.80 -7.71	90.53 3.38 -15.23	114.68 4.30 -27.68	112.56 4.35 -27.64	95.90 3.98 -19.63	93.93 3.56 -14.69	85.94 3.03 -10.85	87.64 2.51 -13.28	84.29 2.22 -10.37
JERICHO_RISE_WT_PWR 323719	79.43 -1.79 0.00	70.42 -1.51 0.00	70.41 -1.29 0.00	70.20 -1.58 0.00	70.13 -1.87 0.00	69.84 -2.31 0.00	83.75 -3.49 0.00	84.54 -3.43 0.00	84.19 -4.06 0.00	70.99 -2.65 0.00	69.78 -1.93 0.00	69.62 -2.08 0.00	69.55 -2.30 0.00	69.55 -2.23 0.00	69.48 -2.30 0.00	69.33 -2.59 0.00	69.33 -2.59 0.00	79.47 -3.23 0.00	77.34 -3.23 0.00	69.33 -2.97 0.00	72.44 -3.25 0.00	69.40 -2.66 0.00	69.48 -2.37 0.00	69.83 -1.86 0.00
KATONAH__115KV_46KV_TB4 355592	104.50 5.69 -17.60	87.22 5.04 -10.25	86.23 4.88 -9.65	86.35 4.95 -9.62	89.49 4.97 -12.52	96.42 5.05 -19.22	117.61 6.46 -23.90	167.63 7.13 -72.53	137.68 7.77 -41.67	124.34 6.26 -44.44	103.80 5.95 -26.13	98.93 6.17 -21.06	93.76 6.04 -15.88	90.65 6.03 -12.84	85.32 6.10 -7.44	99.94 5.97 -22.05	113.08 6.11 -35.04	161.46 7.36 -71.40	157.35 7.25 -69.52	126.09 6.36 -47.44	113.33 6.58 -31.06	99.43 5.98 -21.39	105.01 5.68 -27.48	105.15 5.16 -28.29
KCE_NY_1 323755	108.98 5.85 -21.92	120.44 5.18 -43.33	118.07 5.09 -41.28	118.08 5.17 -41.14	130.71 5.19 -53.53	172.75 5.20 -95.40	216.90 6.55 -123.10	233.37 6.51 -138.89	240.87 6.89 -145.73	159.86 5.37 -80.84	109.05 4.81 -32.54	102.66 4.73 -26.23	96.35 4.74 -19.77	92.42 4.66 -15.99	85.85 4.81 -9.27	104.48 5.11 -27.45	169.46 5.32 -92.22	226.40 6.21 -137.50	221.76 6.05 -135.15	187.59 5.49 -109.81	168.69 5.75 -87.25	152.54 5.26 -75.22	159.68 5.03 -82.81	111.86 4.94 -35.22
KCE_NY_6_ESR 323823	76.69 -7.39 -2.87	66.79 -6.91 -1.76	66.55 -6.81 -1.66	66.90 -6.53 -1.66	68.11 -6.05 -2.16	68.32 -6.71 -2.88	82.74 -7.77 -3.26	72.36 -8.45 7.16	76.24 -6.53 5.48	63.54 -7.51 2.59	60.25 -8.10 3.35	59.66 -7.96 4.08	60.21 -8.12 3.52	58.74 -8.11 4.92	59.18 -7.97 4.63	60.13 -7.69 4.09	60.79 -8.20 2.93	66.87 -9.43 6.40	64.95 -8.95 6.68	59.58 -8.03 4.68	71.74 -7.57 -3.62	67.61 -7.50 -3.04	67.47 -7.76 -3.39	67.45 -7.60 -3.36
KEDC_PORT_JEFF_GT2 24210	105.66 6.99 -17.46	104.65 6.33 -26.39	102.10 6.23 -24.17	102.04 6.24 -24.02	100.52 6.34 -22.18	108.11 6.42 -29.54	134.53 8.29 -38.99	167.30 7.74 -71.58	142.63 9.01 -45.37	124.57 7.07 -43.86	104.83 7.32 -25.80	98.95 6.46 -20.80	94.27 6.75 -15.67	91.34 6.89 -12.68	91.80 7.60 -12.42	111.54 7.34 -32.28	146.46 7.12 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.91 7.38 -94.24	149.37 7.64 -66.04	133.91 7.14 -54.71	124.72 7.11 -45.76	105.72 6.09 -27.93
KEDC_PORT_JEFF_GT3 24211	105.66 6.99 -17.46	104.65 6.33 -26.39	102.10 6.23 -24.17	102.04 6.24 -24.02	100.52 6.34 -22.18	108.11 6.42 -29.54	134.53 8.29 -38.99	167.30 7.74 -71.58	142.63 9.01 -45.37	124.57 7.07 -43.86	104.83 7.32 -25.80	98.95 6.46 -20.80	94.27 6.75 -15.67	91.34 6.89 -12.68	91.80 7.60 -12.42	111.54 7.34 -32.28	146.46 7.12 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.91 7.38 -94.24	149.37 7.64 -66.04	133.91 7.14 -54.71	124.72 7.11 -45.76	105.72 6.09 -27.93
KEDC_GLWD_GT4 24219	105.42 6.74 -17.46	104.29 5.97 -26.39	101.67 5.81 -24.17	101.61 5.81 -24.02	100.09 5.91 -22.18	107.68 5.99 -29.54	133.57 7.33 -38.99	166.77 7.22 -71.58	141.83 8.21 -45.37	124.05 6.55 -43.86	104.04 6.52 -25.80	98.59 6.09 -20.80	93.77 6.25 -15.67	90.69 6.24 -12.68	90.87 6.68 -12.41	110.67 6.48 -32.28	145.81 6.48 -67.42	188.75 7.69 -98.36	182.90 7.57 -94.76	173.25 6.72 -94.24	148.69 6.96 -66.04	133.11 6.34 -54.71	123.71 6.10 -45.76	104.93 5.31 -27.93
KEDC_GLWD_GT5 24220	105.42 6.74 -17.46	104.29 5.97 -26.39	101.67 5.81 -24.17	101.61 5.81 -24.02	100.09 5.91 -22.18	107.68 5.99 -29.54	133.57 7.33 -38.99	166.77 7.22 -71.58	141.83 8.21 -45.37	124.05 6.55 -43.86	104.04 6.52 -25.80	98.59 6.09 -20.80	93.77 6.25 -15.67	90.69 6.24 -12.68	90.87 6.68 -12.41	110.67 6.48 -32.28	145.81 6.48 -67.42	188.75 7.69 -98.36	182.90 7.57 -94.76	173.25 6.72 -94.24	148.69 6.96 -66.04	133.11 6.34 -54.71	123.71 6.10 -45.76	104.93 5.31 -27.93

KENSICO____ 23655	103.76 5.20 -17.35	86.55 4.53 -10.09	85.57 4.37 -9.50	85.69 4.45 -9.47	88.85 4.54 -12.32	95.67 4.62 -18.90	116.60 5.85 -23.51	165.41 5.98 -71.45	135.88 6.62 -41.02	122.94 5.52 -43.78	102.91 5.45 -25.75	97.91 5.45 -20.76	92.95 5.46 -15.64	89.88 5.46 -12.65	84.64 5.53 -7.33	99.04 5.39 -21.73	111.75 5.32 -34.51	159.32 6.28 -70.34	155.26 6.20 -68.49	124.51 5.49 -46.72	111.87 5.60 -30.58	98.24 5.12 -21.06	103.87 4.96 -27.06	104.09 4.52 -27.88
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	103.49 5.60 -16.67	87.10 4.82 -10.35	86.19 4.73 -9.76	86.24 4.74 -9.72	89.48 4.82 -12.65	96.90 5.05 -19.70	118.47 6.63 -24.59	164.44 6.77 -69.70	136.83 7.15 -41.43	121.70 5.45 -42.61	101.47 5.02 -24.75	96.66 5.02 -19.95	91.84 4.96 -15.03	88.89 4.95 -12.16	83.99 5.17 -7.05	97.97 5.18 -20.88	111.74 5.61 -34.21	158.28 6.95 -68.63	154.27 6.85 -66.85	124.28 6.00 -45.99	112.17 6.06 -30.43	98.82 5.48 -21.28	104.07 5.17 -27.05	103.14 4.66 -26.79
KIAC_JFK_GT1 23816	104.12 5.52 -17.38	86.86 4.82 -10.11	85.81 4.59 -9.52	85.93 4.67 -9.48	89.09 4.75 -12.34	96.07 4.98 -18.94	117.43 6.63 -23.56	166.44 6.86 -71.60	137.03 7.68 -41.10	124.07 6.55 -43.87	103.97 6.45 -25.81	99.03 6.52 -20.80	94.06 6.54 -15.68	90.99 6.53 -12.68	85.73 6.60 -7.35	100.02 6.33 -21.77	112.69 6.19 -34.58	160.55 7.36 -70.49	156.46 7.25 -68.63	125.55 6.43 -46.82	112.92 6.58 -30.64	99.07 5.91 -21.10	104.64 5.68 -27.12	104.65 5.02 -27.94
KIAC_JFK_GT2 23817	104.12 5.52 -17.38	86.86 4.82 -10.11	85.81 4.59 -9.52	85.93 4.67 -9.48	89.09 4.75 -12.34	96.07 4.98 -18.94	117.43 6.63 -23.56	166.44 6.86 -71.60	137.03 7.68 -41.10	124.07 6.55 -43.87	103.97 6.45 -25.81	99.03 6.52 -20.80	94.06 6.54 -15.68	90.99 6.53 -12.68	85.73 6.60 -7.35	100.02 6.33 -21.77	112.69 6.19 -34.58	160.55 7.36 -70.49	156.46 7.25 -68.63	125.55 6.43 -46.82	112.92 6.58 -30.64	99.07 5.91 -21.10	104.64 5.68 -27.12	104.65 5.02 -27.94
KIAC_JFK____ 323774	104.12 5.53 -17.38	86.86 4.82 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	96.06 4.97 -18.94	117.43 6.63 -23.56	166.44 6.87 -71.60	137.02 7.67 -41.10	124.06 6.55 -43.87	103.97 6.46 -25.81	98.96 6.46 -20.80	93.99 6.47 -15.68	90.92 6.46 -12.68	85.66 6.53 -7.35	100.02 6.33 -21.77	112.69 6.19 -34.58	160.54 7.36 -70.49	156.37 7.17 -68.63	125.48 6.36 -46.82	112.99 6.66 -30.64	99.14 5.98 -21.10	104.64 5.67 -27.12	104.65 5.02 -27.94
KINTIGH____ 23543	77.50 -6.09 -2.38	67.46 -5.90 -1.43	66.59 -6.45 -1.35	66.95 -6.17 -1.34	67.92 -5.83 -1.75	69.07 -5.41 -2.34	83.53 -6.37 -2.65	81.31 -7.04 -0.38	78.89 -8.74 0.62	68.29 -6.26 -0.91	65.80 -5.66 0.25	64.04 -6.74 0.92	62.70 -8.26 0.89	61.92 -8.11 1.75	61.98 -7.90 1.90	63.19 -7.84 0.89	64.10 -8.20 -0.38	75.81 -7.86 -0.97	72.79 -8.06 -0.27	64.50 -7.95 -0.16	71.81 -7.04 -3.16	67.33 -7.28 -2.55	67.44 -7.33 -2.92	68.26 -6.38 -2.94
KNTFSRNC_46_KV_46KV_LOAD 80397	80.89 -0.32 0.00	71.71 -0.22 0.00	71.63 -0.07 0.00	71.42 -0.36 0.00	71.35 -0.65 0.00	70.85 -1.30 0.00	84.98 -2.27 0.00	85.95 -2.02 0.00	85.60 -2.65 0.00	72.02 -1.62 0.00	69.99 -1.72 0.00	70.05 -1.65 0.00	70.12 -1.72 0.00	69.98 -1.79 0.00	69.84 -1.94 0.00	69.76 -2.16 0.00	69.91 -2.01 0.00	79.80 -2.89 0.00	78.07 -2.50 0.00	69.98 -2.31 0.00	73.42 -2.27 0.00	70.26 -1.80 0.00	70.20 -1.65 0.00	70.84 -0.86 0.00
LACHUTE____HYDRO 323717	113.48 10.32 -21.95	124.88 9.21 -43.74	122.62 9.25 -41.67	122.70 9.40 -41.52	135.54 9.50 -54.03	177.95 9.45 -96.35	223.63 12.04 -124.34	239.66 12.05 -139.64	247.87 12.62 -147.00	164.76 9.87 -81.25	112.90 8.60 -32.59	106.42 8.46 -26.26	99.90 8.26 -19.79	95.96 8.18 -16.01	89.45 8.39 -9.28	108.47 9.06 -27.49	174.46 9.64 -92.90	232.10 11.16 -138.24	227.33 10.87 -135.89	192.81 9.98 -110.54	173.91 10.29 -87.93	157.09 9.15 -75.88	164.16 8.83 -83.47	115.71 8.74 -35.27
LAWRNCV_115KV_TB1 80681	80.56 -0.65 0.00	71.64 -0.29 0.00	71.56 -0.14 0.00	71.49 -0.29 0.00	71.50 -0.50 0.00	71.28 -0.87 0.00	85.15 -2.09 0.00	85.86 -2.11 0.00	85.69 -2.56 0.00	72.17 -1.47 0.00	70.56 -1.15 0.00	70.69 -1.00 0.00	70.99 -0.86 0.00	70.84 -0.93 0.00	70.70 -1.08 0.00	70.34 -1.58 0.00	70.34 -1.58 0.00	80.30 -2.40 0.00	78.39 -2.18 0.00	70.41 -1.88 0.00	73.72 -1.97 0.00	70.76 -1.30 0.00	71.06 -0.79 0.00	71.41 -0.29 0.00
LEDERLE____ 23769	102.82 4.87 -16.74	85.89 4.24 -9.72	84.94 4.09 -9.15	85.06 4.16 -9.12	88.11 4.25 -11.87	94.68 4.33 -18.20	115.47 5.58 -22.64	162.60 5.72 -68.91	134.13 6.35 -39.53	121.09 5.23 -42.23	101.65 5.09 -24.85	96.82 5.09 -20.03	92.04 5.10 -15.09	89.08 5.10 -12.21	84.02 5.17 -7.08	97.91 5.03 -20.96	110.23 5.03 -33.27	156.57 6.04 -67.84	152.59 5.96 -66.06	122.62 5.28 -45.05	110.54 5.37 -29.48	97.26 4.90 -20.29	102.68 4.74 -26.09	102.82 4.23 -26.89
LIGHTHSE_115KV_TB6 355974	81.47 -0.97 -1.23	70.93 -1.01 -0.01	70.55 -1.15 0.00	70.56 -1.22 0.00	70.99 -1.01 0.00	71.48 -0.72 -0.05	87.02 -0.44 -0.21	91.82 -0.09 -3.94	88.87 -0.26 -0.88	75.42 -0.74 -2.51	72.60 -0.93 -1.82	72.02 -1.15 -1.47	71.66 -1.29 -1.11	71.45 -1.22 -0.89	71.15 -1.15 -0.52	72.52 -0.93 -1.54	72.60 -0.65 -1.33	86.31 -0.25 -3.86	83.98 -0.32 -3.73	74.00 -0.43 -2.14	76.21 -0.53 -1.05	71.57 -0.86 -0.37	71.42 -1.22 -0.80	72.67 -1.00 -1.97
LINDEN COGEN____ 23786	39.61 4.95 46.56	46.11 4.32 30.13	46.11 4.16 29.75	46.11 4.23 29.90	46.11 4.32 30.21	46.11 4.40 30.44	46.11 5.76 46.89	48.44 5.80 45.34	45.40 6.53 49.38	42.12 5.59 37.11	39.05 5.52 38.18	36.45 5.60 40.84	33.84 5.61 43.62	31.97 5.53 45.33	30.90 5.67 46.55	31.94 5.32 45.30	39.99 5.11 37.04	19.60 6.03 69.13	18.83 5.96 67.70	16.95 5.27 60.62	15.96 5.45 65.18	37.71 4.97 39.32	41.22 4.95 35.58	46.11 4.45 30.04
LINDHRST_69_KV_BK1 356055	105.99 7.31 -17.46	104.79 6.47 -26.39	102.18 6.31 -24.17	102.11 6.32 -24.02	100.59 6.41 -22.18	108.26 6.57 -29.54	134.70 8.46 -38.99	167.56 8.01 -71.58	142.80 9.18 -45.37	124.79 7.29 -43.86	104.82 7.31 -25.80	99.16 6.67 -20.80	94.35 6.83 -15.67	91.49 7.03 -12.68	91.87 7.68 -12.42	111.68 7.48 -32.28	146.74 7.41 -67.42	189.74 8.68 -98.36	183.87 8.54 -94.76	174.19 7.66 -94.24	149.52 7.80 -66.04	133.98 7.21 -54.71	124.72 7.11 -45.76	105.72 6.09 -27.93
LIPA_MISC_IPP 23656	105.50 6.82 -17.46	104.51 6.19 -26.39	101.89 6.02 -24.17	101.90 6.10 -24.02	100.38 6.19 -22.18	107.83 6.13 -29.54	134.18 7.94 -38.99	166.85 7.30 -71.58	142.09 8.47 -45.37	124.13 6.63 -43.86	104.39 6.88 -25.80	98.23 5.74 -20.80	93.63 6.11 -15.67	90.91 6.46 -12.68	91.80 7.61 -12.42	111.17 6.98 -32.28	146.10 6.76 -67.42	189.16 8.10 -98.36	183.30 7.98 -94.76	173.62 7.08 -94.24	148.99 7.27 -66.04	133.54 6.77 -54.71	124.36 6.75 -45.76	105.36 5.74 -27.93
LISF____SOLAR 323691	105.42 6.74 -17.46	104.65 6.33 -26.39	102.04 6.17 -24.17	101.97 6.17 -24.02	100.44 6.26 -22.18	107.97 6.27 -29.54	134.26 8.02 -38.99	167.03 7.47 -71.58	142.36 8.74 -45.37	124.27 6.77 -43.86	104.61 7.10 -25.80	98.44 5.95 -20.80	93.91 6.39 -15.67	91.13 6.68 -12.68	91.73 7.53 -12.42	111.25 7.05 -32.28	146.17 6.84 -67.42	189.32 8.27 -98.36	183.46 8.13 -94.76	173.76 7.23 -94.24	149.22 7.49 -66.04	133.69 6.92 -54.71	124.51 6.90 -45.76	105.51 5.88 -27.93

LITTLE FALLS___HYD 24013	83.73 2.52 0.00	74.23 2.30 0.00	73.99 2.29 0.00	74.00 2.23 0.00	74.23 2.23 0.00	74.46 2.31 0.00	90.13 2.88 0.00	90.96 2.99 0.00	91.34 3.09 0.00	76.00 2.36 0.00	73.93 2.22 0.00	73.78 2.08 0.00	73.79 1.94 0.00	73.71 1.94 0.00	73.71 1.94 0.00	73.57 1.65 0.00	73.57 1.65 0.00	84.76 2.07 0.00	82.58 2.01 0.00	74.03 1.74 0.00	77.35 1.67 0.00	73.57 1.51 0.00	73.50 1.65 0.00	73.35 1.65 0.00
LITTLRIV_115KV_TB1 356100	81.46 0.24 0.00	72.43 0.50 0.00	72.42 0.72 0.00	72.35 0.57 0.00	72.29 0.29 0.00	72.15 0.00 0.00	86.20 -1.05 0.00	87.00 -0.97 0.00	86.84 -1.41 0.00	72.98 -0.66 0.00	71.28 -0.43 0.00	71.41 -0.29 0.00	71.70 -0.14 0.00	71.56 -0.22 0.00	71.42 -0.36 0.00	71.06 -0.86 0.00	71.20 -0.72 0.00	81.37 -1.32 0.00	79.44 -1.13 0.00	71.35 -0.94 0.00	74.63 -1.06 0.00	71.63 -0.43 0.00	71.85 0.00 0.00	72.20 0.50 0.00
LI_NEWBRDGE___DRP 323616	104.77 6.09 -17.46	103.64 5.32 -26.39	101.03 5.16 -24.17	101.04 5.24 -24.02	99.51 5.33 -22.18	107.11 5.41 -29.54	133.13 6.89 -38.99	166.15 6.60 -71.58	141.30 7.68 -45.37	123.69 6.19 -43.86	103.68 6.17 -25.80	98.30 5.81 -20.80	93.41 5.89 -15.67	90.41 5.96 -12.68	90.65 6.46 -12.42	110.45 6.26 -32.28	145.45 6.11 -67.42	188.25 7.19 -98.36	182.42 7.09 -94.76	172.82 6.29 -94.24	148.16 6.43 -66.04	132.75 5.98 -54.71	123.43 5.82 -45.76	104.65 5.02 -27.93
LOCKPORT_115KV_TB60_63_64 80432	75.51 -8.28 -2.58	65.73 -7.77 -1.57	65.15 -8.03 -1.48	65.50 -7.75 -1.47	66.57 -7.34 -1.92	67.42 -7.29 -2.56	81.34 -8.81 -2.90	77.19 -9.15 1.63	77.20 -9.97 1.08	65.78 -7.88 -0.02	63.66 -6.96 1.10	61.89 -8.03 1.78	61.18 -9.05 1.61	60.12 -9.04 2.62	60.37 -8.76 2.65	61.46 -8.70 1.76	62.54 -9.42 -0.04	71.36 -10.01 1.33	69.16 -9.83 1.58	62.68 -9.18 0.43	70.18 -8.86 -3.35	65.81 -9.01 -2.75	65.83 -9.12 -3.11	66.42 -8.39 -3.11
LOCKPORT___CC1 323769	75.29 -8.53 -2.60	65.53 -7.99 -1.58	64.87 -8.32 -1.49	65.29 -7.97 -1.49	66.38 -7.56 -1.93	67.16 -7.57 -2.58	81.01 -9.16 -2.93	69.78 -9.68 8.51	68.75 -9.88 9.62	62.18 -8.32 3.14	57.71 -10.18 3.81	57.55 -9.61 4.54	58.35 -9.63 3.87	56.37 -10.05 5.36	56.32 -10.48 4.98	58.01 -9.35 4.56	55.45 -10.79 5.68	63.13 -12.32 7.25	60.96 -11.68 7.93	53.75 -10.27 8.28	69.74 -9.31 -3.37	65.54 -9.30 -2.77	65.42 -9.56 -3.13	66.22 -8.61 -3.13
LOCKPORT___CC2 323770	75.29 -8.53 -2.60	65.53 -7.99 -1.58	64.87 -8.32 -1.49	65.29 -7.97 -1.49	66.38 -7.56 -1.93	67.16 -7.57 -2.58	81.01 -9.16 -2.93	69.78 -9.68 8.51	68.75 -9.88 9.62	62.18 -8.32 3.14	57.71 -10.18 3.81	57.55 -9.61 4.54	58.35 -9.63 3.87	56.37 -10.05 5.36	56.32 -10.48 4.98	58.01 -9.35 4.56	55.45 -10.79 5.68	63.13 -12.32 7.25	60.96 -11.68 7.93	53.75 -10.27 8.28	69.74 -9.31 -3.37	65.54 -9.30 -2.77	65.42 -9.56 -3.13	66.22 -8.61 -3.13
LOCKPORT___CC3 323771	75.29 -8.53 -2.60	65.53 -7.99 -1.58	64.87 -8.32 -1.49	65.29 -7.97 -1.49	66.38 -7.56 -1.93	67.16 -7.57 -2.58	81.01 -9.16 -2.93	69.78 -9.68 8.51	68.75 -9.88 9.62	62.18 -8.32 3.14	57.71 -10.18 3.81	57.55 -9.61 4.54	58.35 -9.63 3.87	56.37 -10.05 5.36	56.32 -10.48 4.98	58.01 -9.35 4.56	55.45 -10.79 5.68	63.13 -12.32 7.25	60.96 -11.68 7.93	53.75 -10.27 8.28	69.74 -9.31 -3.37	65.54 -9.30 -2.77	65.42 -9.56 -3.13	66.22 -8.61 -3.13
LONG_LAKE_PHOENIX 24014	80.72 -1.87 -1.38	70.07 -1.87 -0.01	69.62 -2.08 0.00	69.84 -1.94 0.00	70.20 -1.80 0.00	70.62 -1.59 -0.06	86.00 -1.48 -0.24	90.99 -1.41 -4.42	87.56 -1.68 -0.99	74.77 -1.69 -2.82	72.03 -1.72 -2.05	71.48 -1.86 -1.65	71.08 -2.01 -1.24	70.77 -2.01 -1.00	70.42 -1.94 -0.58	71.85 -1.80 -1.73	71.75 -1.65 -1.49	85.62 -1.41 -4.33	83.31 -1.45 -4.19	73.32 -1.37 -2.40	75.43 -1.44 -1.18	70.75 -1.73 -0.42	70.80 -1.94 -0.90	71.98 -1.94 -2.21
LOVETT___3 23632	102.48 4.47 -16.80	85.64 3.96 -9.76	84.68 3.80 -9.19	84.73 3.80 -9.15	87.80 3.89 -11.91	94.39 3.97 -18.27	115.12 5.15 -22.72	162.34 5.19 -69.18	133.75 5.82 -39.68	120.82 4.79 -42.39	101.38 4.73 -24.94	96.53 4.73 -20.10	91.74 4.74 -15.15	88.77 4.74 -12.25	83.76 4.88 -7.10	97.71 4.75 -21.04	110.00 4.67 -33.40	156.34 5.54 -68.10	152.36 5.48 -66.31	122.36 4.84 -45.23	110.20 4.92 -29.60	96.97 4.54 -20.37	102.42 4.38 -26.19	102.56 3.87 -26.99
LOVETT___4 23642	102.48 4.47 -16.80	85.64 3.96 -9.76	84.68 3.80 -9.19	84.73 3.80 -9.15	87.80 3.89 -11.91	94.39 3.97 -18.27	115.12 5.15 -22.72	162.34 5.19 -69.18	133.75 5.82 -39.68	120.82 4.79 -42.39	101.38 4.73 -24.94	96.53 4.73 -20.10	91.74 4.74 -15.15	88.77 4.74 -12.25	83.76 4.88 -7.10	97.71 4.75 -21.04	110.00 4.67 -33.40	156.34 5.54 -68.10	152.36 5.48 -66.31	122.36 4.84 -45.23	110.20 4.92 -29.60	96.97 4.54 -20.37	102.42 4.38 -26.19	102.56 3.87 -26.99
LOVETT___5 23593	102.48 4.47 -16.80	85.64 3.96 -9.76	84.68 3.80 -9.19	84.73 3.80 -9.15	87.80 3.89 -11.91	94.39 3.97 -18.27	115.12 5.15 -22.72	162.34 5.19 -69.18	133.75 5.82 -39.68	120.82 4.79 -42.39	101.38 4.73 -24.94	96.53 4.73 -20.10	91.74 4.74 -15.15	88.77 4.74 -12.25	83.76 4.88 -7.10	97.71 4.75 -21.04	110.00 4.67 -33.40	156.34 5.54 -68.10	152.36 5.48 -66.31	122.36 4.84 -45.23	110.20 4.92 -29.60	96.97 4.54 -20.37	102.42 4.38 -26.19	102.56 3.87 -26.99
LOWER RAQUET___HYD 24057	80.56 -0.65 0.00	71.64 -0.29 0.00	71.56 -0.14 0.00	71.49 -0.29 0.00	71.50 -0.50 0.00	71.21 -0.94 0.00	84.98 -2.27 0.00	85.68 -2.29 0.00	85.42 -2.83 0.00	72.09 -1.55 0.00	71.28 -0.43 0.00	71.20 -0.50 0.00	71.13 -0.72 0.00	71.13 -0.65 0.00	71.06 -0.72 0.00	70.55 -1.37 0.00	70.48 -1.44 0.00	80.88 -1.82 0.00	78.72 -1.85 0.00	70.49 -1.80 0.00	73.65 -2.04 0.00	70.69 -1.37 0.00	71.06 -0.79 0.00	71.41 -0.29 0.00
LOWER___HUDSON 24059	107.54 4.79 -21.53	113.83 4.24 -37.65	111.70 4.16 -35.85	111.66 4.16 -35.72	122.73 4.25 -46.48	158.61 4.26 -82.20	198.35 5.23 -105.87	221.79 5.19 -128.63	221.87 5.56 -128.06	153.45 4.49 -75.32	107.90 4.23 -31.97	101.62 4.16 -25.76	95.43 4.17 -19.42	91.64 4.16 -15.70	85.04 4.16 -9.10	103.20 4.31 -26.97	159.02 4.31 -82.78	214.92 4.96 -127.26	210.36 4.83 -124.96	176.42 4.41 -99.71	158.29 4.69 -77.90	142.54 4.40 -66.08	149.69 4.31 -73.53	110.46 4.16 -34.60
LOWVILLE_115KV_TB2 356335	82.62 0.81 -0.60	72.80 0.86 -0.01	72.42 0.72 0.00	72.57 0.79 0.00	72.86 0.86 0.00	73.40 1.23 -0.02	88.83 1.48 -0.10	92.00 2.11 -1.92	90.88 2.21 -0.43	76.04 1.18 -1.22	73.53 0.93 -0.89	73.20 0.79 -0.71	73.18 0.79 -0.54	73.00 0.79 -0.44	72.89 0.86 -0.25	73.67 1.01 -0.75	73.93 1.37 -0.64	86.56 1.98 -1.88	84.32 1.93 -1.81	75.07 1.74 -1.04	77.71 1.51 -0.51	73.54 1.30 -0.18	73.17 0.93 -0.39	73.66 1.00 -0.96
LUTHERFT_115KV_GLOB_FND_222 355753	108.90 5.77 -21.92	120.37 5.11 -43.33	118.00 5.02 -41.28	118.01 5.10 -41.14	130.71 5.18 -53.53	172.75 5.19 -95.40	216.81 6.46 -123.10	233.28 6.42 -138.89	240.68 6.71 -145.73	159.79 5.30 -80.84	109.12 4.88 -32.54	102.73 4.80 -26.23	96.36 4.74 -19.77	92.43 4.67 -15.99	85.85 4.81 -9.27	104.48 5.11 -27.45	169.46 5.32 -92.22	226.31 6.12 -137.50	221.76 6.04 -135.15	187.59 5.49 -109.81	168.54 5.60 -87.25	152.47 5.19 -75.22	159.68 5.03 -82.81	111.80 4.88 -35.22

LUTHERNY_35_KV_BK2 355980	108.98 5.85 -21.92	120.44 5.18 -43.33	118.07 5.09 -41.28	118.08 5.17 -41.14	130.71 5.18 -53.53	172.82 5.27 -95.40	216.89 6.54 -123.10	233.37 6.51 -138.89	240.77 6.80 -145.73	159.86 5.38 -80.84	109.20 4.95 -32.54	102.73 4.80 -26.23	96.43 4.81 -19.77	92.50 4.74 -15.99	85.92 4.88 -9.27	104.55 5.18 -27.45	169.53 5.39 -92.22	226.40 6.20 -137.50	221.84 6.12 -135.15	187.67 5.57 -109.81	168.62 5.68 -87.25	152.54 5.26 -75.22	159.76 5.10 -82.81	111.87 4.95 -35.22
LWR__OSWEGATCHIE_HYD 23850	81.41 -0.24 -0.44	71.86 -0.07 0.00	71.63 -0.07 0.00	71.63 -0.14 0.00	71.78 -0.22 0.00	71.95 -0.22 -0.02	86.54 -0.79 -0.08	89.04 -0.35 -1.42	88.04 -0.53 -0.32	74.03 -0.52 -0.91	72.01 -0.36 -0.66	71.80 -0.43 -0.53	71.89 -0.36 -0.40	71.67 -0.43 -0.32	71.53 -0.43 -0.19	71.83 -0.65 -0.56	71.97 -0.43 -0.48	83.60 -0.50 -1.40	81.51 -0.40 -1.35	72.70 -0.36 -0.77	75.54 -0.53 -0.38	71.91 -0.29 -0.14	71.92 -0.22 -0.29	72.55 0.14 -0.71
LYONS_FALL_HYD 23570	83.15 1.38 -0.56	73.23 1.30 -0.01	72.92 1.22 0.00	73.00 1.22 0.00	73.36 1.36 0.00	73.83 1.66 -0.02	89.43 2.09 -0.10	92.40 2.64 -1.80	91.39 2.74 -0.40	76.40 1.62 -1.14	73.90 1.36 -0.83	73.59 1.22 -0.67	73.65 1.29 -0.50	73.40 1.22 -0.41	73.31 1.29 -0.24	74.06 1.44 -0.70	74.18 1.66 -0.60	86.77 2.31 -1.76	84.52 2.25 -1.70	75.29 2.02 -0.98	78.06 1.89 -0.48	73.89 1.66 -0.17	73.57 1.36 -0.36	73.96 1.36 -0.90
MADISON__COUNTY_LFGE 323628	84.32 2.11 -0.99	73.81 1.87 -0.01	73.42 1.72 0.00	73.57 1.79 0.00	74.02 2.02 0.00	74.50 2.31 -0.04	90.56 3.14 -0.17	94.67 3.52 -3.18	92.49 3.53 -0.71	77.88 2.21 -2.03	75.04 1.86 -1.47	74.60 1.72 -1.19	74.47 1.72 -0.89	74.22 1.72 -0.72	73.99 1.79 -0.42	75.17 2.01 -1.24	75.22 2.23 -1.07	88.71 2.89 -3.12	86.40 2.82 -3.01	76.48 2.46 -1.73	78.88 2.35 -0.85	74.38 2.02 -0.30	74.14 1.65 -0.64	74.87 1.58 -1.59
MALONE__115KV_TB1 356076	81.05 -0.16 0.00	71.86 -0.07 0.00	71.77 0.07 0.00	71.56 -0.22 0.00	71.57 -0.43 0.00	71.36 -0.79 0.00	85.41 -1.83 0.00	86.39 -1.58 0.00	86.22 -2.03 0.00	72.61 -1.03 0.00	70.70 -1.00 0.00	70.84 -0.86 0.00	70.99 -0.86 0.00	70.84 -0.93 0.00	70.63 -1.15 0.00	70.41 -1.51 0.00	70.62 -1.29 0.00	80.46 -2.23 0.00	78.80 -1.77 0.00	70.70 -1.59 0.00	74.10 -1.59 0.00	70.91 -1.15 0.00	70.91 -0.93 0.00	71.27 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	106.77 4.14 -21.41	107.66 3.67 -32.06	105.78 3.58 -30.50	105.83 3.66 -30.39	115.21 3.67 -39.54	145.02 3.68 -69.19	180.43 4.28 -88.91	211.54 4.22 -119.35	203.67 4.59 -110.83	147.79 3.76 -70.40	107.22 3.73 -31.78	101.04 3.73 -25.62	94.89 3.74 -19.31	91.12 3.73 -15.61	84.49 3.66 -9.05	102.40 3.67 -26.81	149.28 3.60 -73.76	204.65 3.97 -117.99	200.13 3.87 -115.70	165.98 3.47 -90.22	148.31 3.71 -68.91	132.82 3.60 -57.16	140.08 3.66 -64.57	109.69 3.58 -34.40
MAPLE_RIDGE_WT_1 323574	79.67 -1.55 0.00	70.64 -1.29 0.00	70.33 -1.36 0.00	70.20 -1.58 0.00	70.20 -1.80 0.00	70.21 -1.94 0.00	84.54 -2.71 0.00	85.24 -2.73 0.00	85.25 -3.00 0.00	71.43 -2.21 0.00	69.84 -1.86 0.00	69.83 -1.86 0.00	69.91 -1.94 0.00	69.91 -1.87 0.00	69.91 -1.87 0.00	69.98 -1.94 0.00	70.05 -1.87 0.00	80.47 -2.23 0.00	78.40 -2.17 0.00	70.34 -1.95 0.00	73.57 -2.12 0.00	70.26 -1.80 0.00	70.12 -1.73 0.00	69.98 -1.72 0.00
MAPLE_RIDGE_WT_2 323611	79.67 -1.55 0.00	70.64 -1.29 0.00	70.33 -1.36 0.00	70.20 -1.58 0.00	70.20 -1.80 0.00	70.21 -1.94 0.00	84.54 -2.71 0.00	85.24 -2.73 0.00	85.25 -3.00 0.00	71.43 -2.21 0.00	69.84 -1.86 0.00	69.83 -1.86 0.00	69.91 -1.94 0.00	69.91 -1.87 0.00	69.91 -1.87 0.00	69.98 -1.94 0.00	70.05 -1.87 0.00	80.47 -2.23 0.00	78.40 -2.17 0.00	70.34 -1.95 0.00	73.57 -2.12 0.00	70.26 -1.80 0.00	70.12 -1.73 0.00	69.98 -1.72 0.00
MARBLE_RIVER_WT_PWR 323696	79.59 -1.62 0.00	70.56 -1.37 0.00	70.48 -1.22 0.00	70.27 -1.51 0.00	70.20 -1.80 0.00	69.84 -2.31 0.00	83.84 -3.40 0.00	84.63 -3.34 0.00	84.28 -3.97 0.00	70.99 -2.65 0.00	69.70 -2.01 0.00	69.55 -2.15 0.00	69.48 -2.37 0.00	69.48 -2.30 0.00	69.41 -2.37 0.00	69.33 -2.59 0.00	69.33 -2.59 0.00	79.39 -3.31 0.00	77.34 -3.23 0.00	69.26 -3.03 0.00	72.44 -3.25 0.00	69.40 -2.66 0.00	69.40 -2.44 0.00	69.83 -1.86 0.00
MARSHVLE_115KV_TB1 80742	110.83 5.04 -24.59	116.57 4.46 -40.18	114.31 4.37 -38.24	114.33 4.45 -38.10	126.19 4.61 -49.58	165.64 4.83 -88.65	208.69 6.46 -114.98	236.88 6.51 -142.40	232.80 6.44 -138.11	161.26 3.98 -83.65	110.86 2.65 -36.50	103.34 2.22 -29.42	96.10 2.08 -22.17	91.79 2.08 -17.93	84.90 2.73 -10.39	106.45 3.74 -30.79	166.71 4.75 -90.05	229.56 6.04 -140.83	224.73 5.96 -138.20	187.04 5.57 -109.18	165.54 5.37 -84.48	147.66 4.61 -70.98	155.79 4.45 -79.49	115.44 4.23 -39.51
MARSH_HILL_WT_PWR 323713	80.31 -4.47 -3.57	69.58 -4.60 -2.25	69.16 -4.66 -2.12	69.44 -4.45 -2.12	70.57 -4.18 -2.75	71.91 -4.54 -4.30	87.91 -4.71 -5.37	159.32 -5.01 -76.36	133.16 -3.79 -48.71	102.01 -5.60 -33.97	94.91 -6.52 -29.72	92.00 -7.10 -27.40	87.49 -7.18 -22.82	89.57 -7.32 -25.12	84.22 -7.82 -20.26	92.06 -7.55 -27.69	100.75 -6.76 -35.59	147.88 -7.03 -72.21	141.44 -6.77 -67.64	116.31 -6.22 -50.24	72.41 -6.13 -2.85	68.87 -6.41 -3.22	67.95 -6.83 -2.93	67.54 -6.95 -2.79
MCINTYRE_115KV_TB2 80467	81.86 0.65 0.00	72.86 0.94 0.00	72.85 1.15 0.00	72.78 1.00 0.00	72.79 0.79 0.00	72.66 0.51 0.00	86.90 -0.35 0.00	87.79 -0.18 0.00	87.54 -0.71 0.00	73.49 -0.15 0.00	71.64 -0.07 0.00	71.77 0.07 0.00	72.06 0.22 0.00	71.92 0.14 0.00	71.85 0.07 0.00	71.63 -0.29 0.00	71.85 -0.07 0.00	82.12 -0.58 0.00	80.17 -0.40 0.00	72.00 -0.29 0.00	75.31 -0.38 0.00	72.28 0.22 0.00	72.35 0.50 0.00	72.63 0.93 0.00
MECO____69_KV_BK1 80468	111.87 6.98 -23.67	120.98 6.19 -42.86	118.68 6.17 -40.82	118.62 6.17 -40.67	131.26 6.34 -52.92	173.31 6.49 -94.67	218.19 8.38 -122.57	240.15 8.45 -143.73	242.25 8.38 -145.62	163.55 5.89 -84.02	111.58 4.73 -35.14	104.46 4.45 -28.32	97.50 4.31 -21.34	93.34 4.31 -17.26	86.59 4.81 -10.00	107.24 5.68 -29.64	171.87 6.62 -93.34	232.94 8.02 -142.22	228.24 7.98 -139.69	191.72 7.37 -112.05	170.93 7.27 -87.97	153.46 6.41 -74.98	161.20 6.18 -83.17	115.68 5.95 -38.03
MENANDS__115KV_TB5 355628	106.39 3.82 -21.36	106.18 3.38 -30.87	104.43 3.37 -29.36	104.40 3.37 -29.25	113.45 3.38 -38.06	141.89 3.32 -66.42	176.38 3.84 -85.30	208.97 3.69 -117.30	199.46 4.06 -107.15	146.33 3.39 -69.31	106.86 3.44 -31.71	100.70 3.44 -25.56	94.63 3.52 -19.26	90.87 3.52 -15.58	84.11 3.30 -9.03	102.05 3.38 -26.75	146.90 3.16 -71.82	202.03 3.39 -115.95	197.53 3.30 -113.66	163.41 2.96 -88.16	145.92 3.25 -66.98	130.56 3.24 -55.25	137.87 3.38 -62.64	109.32 3.30 -34.33
MG INDUSTRY__DRP 24185	105.41 3.33 -20.87	94.33 2.95 -19.45	93.06 2.94 -18.42	93.08 2.94 -18.36	98.84 2.95 -23.89	114.88 2.89 -39.84	141.19 3.32 -50.63	188.71 3.17 -97.57	163.39 3.35 -71.79	134.98 2.58 -58.76	105.20 2.51 -30.98	99.18 2.51 -24.97	93.25 2.59 -18.82	89.58 2.58 -15.22	83.04 2.44 -8.82	100.64 2.59 -26.14	127.57 2.52 -53.13	181.75 2.81 -96.24	177.32 2.74 -94.01	143.16 2.53 -68.34	126.74 2.65 -48.41	111.68 2.67 -36.95	118.75 2.73 -44.17	108.03 2.80 -33.53

MID___OSWEGATCHIE_HYD 23849	81.41 -0.24 -0.44	71.86 -0.07 0.00	71.63 -0.07 0.00	71.63 -0.14 0.00	71.78 -0.22 0.00	71.95 -0.22 -0.02	86.54 -0.79 -0.08	89.04 -0.35 -1.42	88.04 -0.53 -0.32	74.03 -0.52 -0.91	72.01 -0.36 -0.66	71.80 -0.43 -0.53	71.89 -0.36 -0.40	71.67 -0.43 -0.32	71.53 -0.43 -0.19	71.83 -0.65 -0.56	71.97 -0.43 -0.48	83.60 -0.50 -1.40	81.51 -0.40 -1.35	72.70 -0.36 -0.77	75.54 -0.53 -0.38	71.91 -0.29 -0.14	71.92 -0.22 -0.29	72.55 0.14 -0.71
MID___RAQUETTE_HYD 23851	80.56 -0.65 0.00	71.64 -0.29 0.00	71.56 -0.14 0.00	71.49 -0.29 0.00	71.50 -0.50 0.00	71.21 -0.94 0.00	84.98 -2.27 0.00	85.68 -2.29 0.00	85.51 -2.74 0.00	72.09 -1.55 0.00	70.56 -1.15 0.00	70.69 -1.00 0.00	70.91 -0.93 0.00	70.77 -1.00 0.00	70.63 -1.15 0.00	70.19 -1.73 0.00	70.19 -1.73 0.00	80.22 -2.48 0.00	78.31 -2.26 0.00	70.34 -1.95 0.00	73.64 -2.04 0.00	70.69 -1.37 0.00	71.06 -0.79 0.00	71.41 -0.29 0.00
MILLIKEN___1 23584	85.59 0.89 -3.48	74.72 0.50 -2.29	74.15 0.29 -2.16	74.36 0.43 -2.15	75.52 0.72 -2.80	77.49 0.94 -4.40	94.58 1.83 -5.50	109.29 2.02 -19.29	102.16 1.94 -11.97	89.03 0.74 -14.65	79.04 0.36 -6.97	78.27 0.14 -6.43	76.51 0.07 -4.59	76.05 0.07 -4.20	74.85 0.22 -2.86	79.24 0.43 -6.88	82.29 0.93 -9.43	103.03 1.57 -18.77	103.21 1.61 -21.03	86.53 1.45 -12.80	88.18 1.21 -11.28	79.12 0.65 -6.41	81.69 0.29 -9.55	81.17 0.14 -9.32
MILLIKEN___2 23585	85.59 0.89 -3.48	74.72 0.50 -2.29	74.15 0.29 -2.16	74.36 0.43 -2.15	75.52 0.72 -2.80	77.49 0.94 -4.40	94.58 1.83 -5.50	109.29 2.02 -19.29	102.16 1.94 -11.97	89.03 0.74 -14.65	79.04 0.36 -6.97	78.27 0.14 -6.43	76.51 0.07 -4.59	76.05 0.07 -4.20	74.85 0.22 -2.86	79.24 0.43 -6.88	82.29 0.93 -9.43	103.03 1.57 -18.77	103.21 1.61 -21.03	86.53 1.45 -12.80	88.18 1.21 -11.28	79.12 0.65 -6.41	81.69 0.29 -9.55	81.17 0.14 -9.32
MILLIKEN___DIESEL 23629	85.59 0.89 -3.48	74.72 0.50 -2.29	74.15 0.29 -2.16	74.36 0.43 -2.15	75.52 0.72 -2.80	77.49 0.94 -4.40	94.58 1.83 -5.50	109.29 2.02 -19.29	102.16 1.94 -11.97	89.03 0.74 -14.65	79.04 0.36 -6.97	78.27 0.14 -6.43	76.51 0.07 -4.59	76.05 0.07 -4.20	74.85 0.22 -2.86	79.24 0.43 -6.88	82.29 0.93 -9.43	103.03 1.57 -18.77	103.21 1.61 -21.03	86.53 1.45 -12.80	88.18 1.21 -11.28	79.12 0.65 -6.41	81.69 0.29 -9.55	81.17 0.14 -9.32
MILLSEAT___LFGE 323607	77.54 -6.18 -2.50	67.48 -5.97 -1.52	66.82 -6.31 -1.43	67.17 -6.03 -1.42	68.31 -5.54 -1.85	69.21 -5.41 -2.47	83.86 -6.19 -2.80	81.52 -6.33 0.12	81.16 -6.88 0.20	68.52 -5.82 -0.70	63.34 -7.89 0.48	63.08 -7.46 1.16	63.35 -7.90 1.09	61.88 -8.32 2.00	61.33 -8.32 2.12	63.74 -7.05 1.13	64.30 -8.27 -0.65	73.73 -9.10 -0.13	71.83 -8.54 0.19	65.16 -7.59 -0.46	72.38 -6.59 -3.27	67.89 -6.85 -2.67	67.55 -7.33 -3.03	68.22 -6.52 -3.04
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	103.53 5.04 -17.28	86.37 4.39 -10.05	85.39 4.23 -9.46	85.51 4.31 -9.43	88.66 4.39 -12.27	95.45 4.47 -18.83	116.34 5.67 -23.42	164.96 5.81 -71.18	135.55 6.44 -40.86	122.55 5.30 -43.61	102.60 5.23 -25.66	97.61 5.23 -20.68	92.68 5.24 -15.58	89.62 5.24 -12.60	84.47 5.38 -7.31	98.74 5.18 -21.64	111.41 5.11 -34.38	158.80 6.04 -70.07	154.76 5.96 -68.23	124.11 5.28 -46.54	111.60 5.45 -30.46	98.01 4.97 -20.98	103.62 4.81 -26.96	103.84 4.37 -27.77
MILLWOOD_13_KV_LOAD 356217	103.69 5.20 -17.28	86.51 4.53 -10.05	85.54 4.37 -9.46	85.66 4.45 -9.43	88.81 4.54 -12.27	95.60 4.62 -18.83	116.51 5.85 -23.42	165.13 5.98 -71.18	135.73 6.62 -40.86	122.70 5.45 -43.61	102.74 5.38 -25.66	97.75 5.38 -20.68	92.82 5.39 -15.58	89.76 5.38 -12.60	84.54 5.46 -7.31	98.88 5.32 -21.64	111.62 5.32 -34.38	159.05 6.28 -70.07	155.00 6.20 -68.23	124.33 5.49 -46.54	111.75 5.60 -30.46	98.16 5.12 -20.98	103.76 4.96 -26.96	103.99 4.52 -27.77
MODEL_CITY_ENERGY 24167	75.07 -8.77 -2.63	65.33 -8.20 -1.60	64.68 -8.53 -1.51	65.03 -8.25 -1.51	66.11 -7.85 -1.96	66.97 -7.79 -2.62	80.70 -9.51 -2.97	75.43 -9.85 2.69	75.72 -10.41 2.11	64.91 -8.25 0.49	60.00 -10.18 1.53	59.87 -9.61 2.22	60.24 -9.63 1.98	58.59 -10.12 3.06	57.90 -10.84 3.03	60.36 -9.35 2.21	60.13 -11.15 0.65	67.50 -12.90 2.30	65.77 -12.24 2.56	60.19 -10.70 1.41	69.33 -9.76 -3.40	65.21 -9.65 -2.81	65.10 -9.92 -3.16	65.97 -8.89 -3.16
MODERN_LFGE___ 323580	75.07 -8.77 -2.63	65.33 -8.20 -1.60	64.68 -8.53 -1.51	65.03 -8.25 -1.51	66.11 -7.85 -1.96	66.97 -7.79 -2.62	80.70 -9.51 -2.97	75.43 -9.85 2.69	75.72 -10.41 2.11	64.91 -8.25 0.49	60.00 -10.18 1.53	59.87 -9.61 2.22	60.24 -9.63 1.98	58.59 -10.12 3.06	57.90 -10.84 3.03	60.36 -9.35 2.21	60.13 -11.15 0.65	67.50 -12.90 2.30	65.77 -12.24 2.56	60.19 -10.70 1.41	69.33 -9.76 -3.40	65.21 -9.65 -2.81	65.10 -9.92 -3.16	65.97 -8.89 -3.16
MOHAWK_PAPER___DRP 24187	106.77 4.14 -21.41	107.66 3.67 -32.06	105.78 3.58 -30.50	105.83 3.66 -30.39	115.21 3.67 -39.54	145.02 3.68 -69.19	180.43 4.28 -88.91	211.54 4.22 -119.35	203.67 4.59 -110.83	147.79 3.76 -70.40	107.22 3.73 -31.78	101.04 3.73 -25.62	94.89 3.74 -19.31	91.12 3.73 -15.61	84.49 3.66 -9.05	102.40 3.67 -26.81	149.28 3.60 -73.76	204.65 3.97 -117.99	200.13 3.87 -115.70	165.98 3.47 -90.22	148.31 3.71 -68.91	132.82 3.60 -57.16	140.08 3.66 -64.57	109.69 3.58 -34.40
MOHICAN___35_KV_115KV_LD 80490	110.45 7.31 -21.93	121.84 6.47 -43.44	119.53 6.45 -41.38	119.55 6.53 -41.24	132.28 6.62 -53.66	174.51 6.71 -95.65	219.05 8.38 -123.43	235.50 8.45 -139.09	243.05 8.74 -146.06	161.51 6.92 -80.95	110.50 6.24 -32.55	103.96 6.02 -26.24	97.58 5.96 -19.77	93.65 5.89 -15.99	87.08 6.03 -9.27	105.85 6.47 -27.46	171.15 6.83 -92.40	228.24 7.86 -137.69	223.65 7.73 -135.34	189.38 7.08 -110.00	170.23 7.11 -87.43	154.01 6.56 -75.39	161.15 6.32 -82.98	113.17 6.24 -35.23
MONGAUP___HYD 23641	102.14 5.04 -15.89	85.54 4.39 -9.22	84.68 4.30 -8.68	84.73 4.31 -8.65	87.65 4.39 -11.25	93.95 4.55 -17.26	114.64 5.94 -21.45	159.36 5.98 -65.40	132.01 6.27 -37.50	117.99 4.27 -40.08	99.09 3.80 -23.59	94.51 3.80 -19.01	90.41 4.24 -14.33	87.52 4.16 -11.59	82.87 4.38 -6.72	95.91 4.10 -19.90	107.95 4.46 -31.57	152.04 4.96 -64.38	148.17 4.92 -62.69	119.82 4.77 -42.75	108.66 4.99 -27.97	95.78 4.47 -19.25	100.76 4.17 -24.75	101.03 3.80 -25.53
MONTAUK___DIESEL 23721	107.78 9.10 -17.46	106.59 8.27 -26.39	104.04 8.17 -24.17	103.98 8.18 -24.02	102.46 8.28 -22.18	109.92 8.23 -29.54	136.88 10.64 -38.99	169.76 10.20 -71.58	144.92 11.30 -45.37	126.12 8.62 -43.86	106.26 8.75 -25.80	99.74 7.24 -20.80	95.28 7.76 -15.67	92.56 8.11 -12.68	93.67 9.47 -12.42	113.04 8.85 -32.28	148.18 8.85 -67.42	191.89 10.83 -98.36	186.12 10.80 -94.76	176.07 9.54 -94.24	151.34 9.61 -66.04	135.63 8.86 -54.71	126.30 8.69 -45.76	107.08 7.46 -27.93
MOONROAD_115KV_HARTFLD_TB1-2 355988	77.56 -6.66 -3.01	67.46 -6.33 -1.86	67.29 -6.17 -1.75	67.64 -5.89 -1.75	68.87 -5.40 -2.27	68.98 -6.20 -3.03	83.96 -6.72 -3.43	78.86 -7.21 1.90	81.11 -5.03 2.10	66.67 -6.70 0.27	64.25 -6.17 1.29	62.96 -6.60 2.14	64.19 -5.75 1.91	62.99 -5.67 3.11	63.03 -5.60 3.15	64.18 -5.61 2.13	65.53 -5.90 0.49	73.17 -8.10 1.43	71.73 -6.85 1.99	65.65 -5.42 1.22	72.83 -6.58 -3.73	68.68 -6.56 -3.17	68.59 -6.75 -3.50	68.12 -7.03 -3.45

MORRIS_RIDGE___SOLAR 323848	78.82 -5.85 -3.45	68.48 -5.61 -2.16	68.07 -5.67 -2.04	68.35 -5.46 -2.03	69.53 -5.11 -2.64	70.72 -5.55 -4.13	86.22 -6.19 -5.16	7.23 -6.60 74.14	33.90 -5.65 48.70	33.90 -6.55 33.19	33.90 -7.67 30.14	33.90 -7.67 30.13	38.90 -7.76 25.18	33.90 -7.90 29.98	38.27 -7.90 25.61	33.90 -7.55 30.47	31.27 -7.05 33.61	5.97 -7.69 69.04	5.76 -7.33 67.48	16.98 -6.65 48.67	73.36 -6.20 -3.88	69.24 -6.34 -3.52	68.95 -6.61 -3.71	68.78 -6.52 -3.61
MORTIMER_115KV_TB3 55949	79.77 -3.57 -2.13	68.43 -3.52 -0.02	67.61 -4.09 0.00	67.90 -3.88 0.00	68.40 -3.60 0.00	69.21 -3.03 -0.09	84.39 -3.23 -0.37	91.40 -3.52 -6.95	85.00 -4.94 -1.69	73.86 -3.53 -3.75	71.69 -3.23 -3.20	70.11 -4.09 -2.49	68.63 -5.17 -1.96	68.28 -5.10 -1.60	67.76 -4.95 -0.94	69.60 -4.89 -2.57	69.43 -4.89 -2.41	85.46 -4.05 -6.81	82.21 -4.43 -6.08	71.59 -4.55 -3.86	72.76 -3.86 -0.93	68.13 -4.25 -0.32	68.09 -4.45 -0.69	70.48 -3.94 -2.72
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	85.93 4.67 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.92 6.33 -71.61	136.41 7.06 -41.11	123.48 5.96 -43.88	103.47 5.95 -25.81	98.45 5.95 -20.81	93.49 5.96 -15.68	90.42 5.96 -12.68	85.16 6.03 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.83	112.32 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
MUNSVILLE_WIND_PWR 323609	92.44 5.85 -5.37	81.73 5.18 -4.62	80.95 4.88 -4.37	81.23 5.10 -4.35	83.14 5.47 -5.67	87.32 6.06 -9.11	106.56 7.94 -11.38	124.46 8.80 -27.69	116.25 8.74 -19.26	96.63 4.93 -18.06	84.68 3.73 -9.25	83.06 3.44 -7.92	81.16 3.45 -5.86	80.17 3.30 -5.09	78.40 3.37 -3.25	84.08 3.81 -8.35	91.19 4.75 -14.53	116.34 6.53 -27.12	114.85 6.36 -27.92	96.90 5.57 -19.04	95.28 5.37 -14.22	86.52 4.68 -9.78	88.34 3.88 -12.61	85.79 3.58 -10.51
N SALMON___HYD 24042	81.05 -0.16 0.00	71.86 -0.07 0.00	71.77 0.07 0.00	71.56 -0.21 0.00	71.57 -0.43 0.00	71.36 -0.79 0.00	85.41 -1.84 0.00	86.39 -1.58 0.00	86.04 -2.20 0.00	72.61 -1.03 0.00	71.49 -0.21 0.00	71.41 -0.29 0.00	71.20 -0.65 0.00	71.13 -0.65 0.00	71.06 -0.72 0.00	70.77 -1.15 0.00	70.84 -1.08 0.00	81.29 -1.41 0.00	79.20 -1.37 0.00	70.85 -1.45 0.00	74.09 -1.59 0.00	70.91 -1.16 0.00	70.99 -0.86 0.00	71.27 -0.43 0.00
N.AKRON__115KV_KNAPP 355671	77.32 -6.42 -2.52	67.34 -6.11 -1.53	66.69 -6.45 -1.44	67.04 -6.17 -1.43	68.11 -5.76 -1.87	69.09 -5.56 -2.49	83.53 -6.54 -2.83	80.91 -6.60 0.46	80.17 -7.68 0.40	68.15 -6.04 -0.55	65.79 -5.31 0.62	64.02 -6.38 1.30	63.16 -7.47 1.21	62.25 -7.39 2.14	62.36 -7.18 2.24	63.60 -7.05 1.27	64.95 -7.48 -0.51	75.05 -7.44 0.20	72.49 -7.57 0.50	65.39 -7.16 -0.26	72.24 -6.74 -3.29	67.69 -7.06 -2.69	67.57 -7.33 -3.05	68.09 -6.67 -3.06
N.BELMOR_69_KV_BK1 55787	105.42 6.74 -17.46	104.22 5.90 -26.39	101.61 5.74 -24.17	101.61 5.81 -24.02	100.09 5.90 -22.18	107.68 5.99 -29.54	133.83 7.59 -38.99	166.85 7.30 -71.58	141.92 8.30 -45.37	124.13 6.63 -43.86	104.18 6.67 -25.80	98.66 6.17 -20.80	93.84 6.32 -15.67	90.84 6.39 -12.68	91.08 6.89 -12.41	110.96 6.76 -32.28	146.02 6.69 -67.42	188.83 7.77 -98.36	182.98 7.65 -94.76	173.54 7.01 -94.24	148.84 7.11 -66.04	133.33 6.56 -54.71	123.93 6.32 -45.76	105.08 5.45 -27.93
N.E_GEN_SANDY PD 24062	117.00 5.04 -30.75	115.10 4.39 -38.78	110.54 4.30 -34.54	111.85 4.31 -35.77	117.44 4.39 -41.05	129.93 4.47 -53.31	151.02 5.50 -58.27	182.28 5.46 -88.85	156.59 5.91 -62.43	132.20 4.86 -53.70	116.27 4.73 -39.83	108.30 4.73 -31.87	102.81 4.74 -26.22	103.40 4.66 -26.96	109.07 4.74 -32.56	128.20 4.67 -51.61	153.21 4.67 -76.62	184.02 5.46 -95.87	171.40 5.32 -85.52	153.40 4.77 -76.34	144.90 4.99 -64.22	132.00 4.68 -55.26	124.35 4.60 -47.90	119.20 4.30 -43.20
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	102.61 4.63 -16.77	85.70 4.03 -9.74	84.74 3.87 -9.17	84.86 3.95 -9.14	87.92 4.03 -11.89	94.50 4.11 -18.24	115.16 5.23 -22.68	162.37 5.37 -69.04	133.85 6.00 -39.60	120.88 4.93 -42.30	101.40 4.80 -24.89	96.56 4.80 -20.06	91.78 4.81 -15.12	88.81 4.81 -12.23	83.82 4.95 -7.09	97.74 4.82 -21.00	110.00 4.75 -33.33	156.37 5.71 -67.96	152.38 5.64 -66.17	122.42 4.99 -45.14	110.30 5.07 -29.54	97.01 4.61 -20.33	102.44 4.45 -26.13	102.66 4.02 -26.94
N.QUEENS_27_KV_LOAD 356247	103.80 5.20 -17.39	86.64 4.60 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.49	88.95 4.61 -12.34	95.64 4.55 -18.94	116.48 5.67 -23.56	165.39 5.81 -71.61	135.97 6.62 -41.10	123.19 5.67 -43.88	103.26 5.74 -25.81	98.38 5.88 -20.80	93.49 5.96 -15.68	90.41 5.96 -12.68	85.16 6.03 -7.35	99.45 5.75 -21.78	111.97 5.47 -34.59	159.56 6.37 -70.50	155.49 6.28 -68.64	124.76 5.64 -46.82	112.09 5.75 -30.65	98.42 5.26 -21.10	104.14 5.17 -27.12	104.30 4.66 -27.94
N.TROY___115KV_TB1 355778	107.54 4.79 -21.53	113.83 4.24 -37.65	111.71 4.16 -35.85	111.66 4.16 -35.72	122.73 4.25 -46.48	158.68 4.33 -82.20	198.35 5.23 -105.87	221.79 5.19 -128.63	221.87 5.56 -128.06	153.45 4.49 -75.32	107.98 4.30 -31.97	101.69 4.23 -25.76	95.50 4.24 -19.42	91.72 4.23 -15.70	85.11 4.23 -9.10	103.27 4.39 -26.97	159.09 4.39 -82.78	215.00 5.04 -127.26	210.44 4.91 -124.96	176.49 4.48 -99.71	158.28 4.69 -77.90	142.54 4.40 -66.08	149.69 4.31 -73.53	110.46 4.16 -34.60
NARROWS_GT1_1 24228	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT1_2 24229	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT1_3 24230	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT1_4 24231	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38

NARROWS_GT1_5 24232	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT1_6 24233	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT1_7 24234	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT1_8 24235	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_1 24236	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_2 24237	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_3 24238	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_4 24239	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_5 24240	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_6 24241	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_7 24242	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NARROWS_GT2_8 24243	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.94 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.36 4.97 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.38 6.31 -56.36	129.17 6.31 -51.17	126.73 6.32 -48.56	125.38 6.32 -47.29	120.33 6.39 -42.17	134.37 6.19 -56.27	147.00 6.11 -68.97	240.98 7.28 -151.01	237.64 7.09 -149.98	188.44 6.36 -109.79	173.91 6.66 -91.56	129.20 5.77 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	105.91 4.47 -20.23	94.52 3.88 -18.70	93.29 3.87 -17.72	93.31 3.88 -17.65	98.86 3.89 -22.97	114.32 3.90 -38.27	140.32 4.45 -48.62	186.79 4.49 -94.33	162.05 4.68 -69.13	133.64 3.17 -56.83	104.46 2.72 -30.03	98.63 2.72 -24.20	92.82 2.73 -18.24	89.26 2.73 -14.75	82.91 2.58 -8.55	100.20 2.95 -25.33	126.42 3.24 -51.27	179.54 3.80 -93.04	175.16 3.71 -90.88	141.54 3.25 -65.99	125.70 3.33 -46.68	110.88 3.24 -35.58	117.73 3.31 -42.58	107.79 3.58 -32.50
NCHELSEA_115KV_TR2 355582	104.22 5.60 -17.41	87.03 4.89 -10.21	86.11 4.80 -9.61	86.16 4.81 -9.58	89.36 4.90 -12.46	96.36 5.05 -19.16	117.55 6.46 -23.84	166.48 6.69 -71.82	136.89 7.24 -41.41	123.38 5.74 -44.00	103.00 5.45 -25.84	98.05 5.52 -20.83	93.01 5.46 -15.70	89.93 5.46 -12.69	84.73 5.60 -7.36	99.26 5.54 -21.80	112.43 5.75 -34.76	160.27 6.86 -70.71	156.19 6.77 -68.85	125.24 5.93 -47.02	112.56 6.06 -30.82	98.87 5.55 -21.26	104.45 5.32 -27.28	104.55 4.88 -27.97
NEG CAPITAL___MECHNVIL 23645	108.94 5.93 -21.80	118.90 5.18 -41.79	116.67 5.17 -39.80	116.68 5.24 -39.66	128.86 5.25 -51.61	169.22 5.26 -91.81	212.29 6.63 -118.41	230.63 6.60 -136.06	236.13 6.97 -140.91	158.48 5.53 -79.31	109.01 4.94 -32.36	102.73 4.94 -26.08	96.39 4.89 -19.66	92.56 4.88 -15.90	85.94 4.95 -9.22	104.47 5.25 -27.30	167.02 5.46 -89.64	223.65 6.28 -134.67	219.02 6.12 -132.33	184.90 5.57 -107.04	166.21 5.83 -84.70	150.13 5.33 -72.73	157.30 5.18 -80.28	111.75 5.02 -35.03

NEG CENTRAL_HIGH_ACRES 23767	79.13 -4.14 -2.05	67.92 -4.03 -0.02	67.18 -4.51 0.00	67.40 -4.38 0.00	67.97 -4.03 0.00	68.70 -3.53 -0.08	83.85 -3.75 -0.36	90.69 -3.87 -6.59	84.78 -4.94 -1.48	73.41 -3.98 -3.75	68.95 -5.81 -3.05	68.63 -5.45 -2.39	68.31 -5.39 -1.85	67.60 -5.67 -1.50	66.83 -5.81 -0.87	69.21 -5.18 -2.47	68.67 -5.47 -2.22	83.40 -5.79 -6.49	81.06 -5.40 -5.88	71.18 -4.70 -3.58	72.64 -4.16 -1.11	67.91 -4.54 -0.39	67.73 -4.96 -0.84	70.12 -4.38 -2.80
NEG CENTRAL___DRP 24199	82.17 -1.30 -2.26	71.78 -1.51 -1.36	71.26 -1.72 -1.28	71.47 -1.58 -1.28	72.44 -1.22 -1.66	73.36 -1.01 -2.22	89.33 -0.44 -2.52	102.55 -0.70 -15.28	96.53 -0.88 -9.17	79.95 -1.33 -7.64	75.90 -1.51 -5.70	74.69 -1.86 -4.85	73.76 -2.01 -3.92	73.65 -1.94 -3.81	72.60 -1.94 -2.76	75.22 -1.65 -4.96	77.98 -1.22 -7.28	96.39 -1.08 -14.77	93.27 -1.05 -13.74	81.39 -0.94 -10.04	77.75 -0.98 -3.05	72.99 -1.51 -2.44	72.86 -1.80 -2.81	72.67 -1.86 -2.83
NEG CENTRAL___INDECK 23768	82.75 -1.46 -2.99	71.91 -1.87 -1.85	71.15 -2.30 -1.75	71.43 -2.08 -1.74	72.68 -1.58 -2.27	73.95 -1.23 -3.02	90.06 -0.61 -3.42	163.11 -0.44 -75.57	135.06 -1.24 -48.04	105.79 -2.28 -34.44	96.95 -4.30 -29.54	94.99 -4.23 -27.52	90.45 -4.24 -22.84	92.57 -4.52 -25.31	87.71 -4.60 -20.53	96.04 -3.74 -27.87	103.73 -3.31 -35.12	151.46 -2.65 -71.41	145.88 -2.34 -67.65	119.81 -2.17 -49.69	77.40 -1.51 -3.23	72.81 -2.23 -2.98	72.01 -2.95 -3.11	72.10 -2.65 -3.05
NEG CENTRAL___SENECA 23627	82.26 -1.46 -2.51	71.73 -1.73 -1.53	71.20 -1.94 -1.44	71.49 -1.72 -1.44	72.57 -1.30 -1.87	73.49 -1.15 -2.50	89.64 -0.44 -2.83	106.95 -0.88 -19.86	99.28 -1.06 -12.09	81.28 -1.55 -9.19	77.39 -1.79 -7.47	75.88 -2.22 -6.40	74.75 -2.37 -5.27	74.69 -2.37 -5.28	73.42 -2.30 -3.94	76.39 -2.01 -6.49	79.91 -1.44 -9.43	100.32 -1.49 -19.11	96.62 -1.37 -17.42	84.20 -1.16 -13.06	77.18 -1.14 -2.63	72.71 -1.80 -2.45	72.30 -2.08 -2.53	72.07 -2.15 -2.52
NEG CENTRAL___STATE_STREET 24147	82.85 -0.57 -2.20	72.47 -0.79 -1.34	71.95 -1.00 -1.26	72.17 -0.86 -1.25	72.98 -0.65 -1.63	73.97 -0.36 -2.18	90.07 0.35 -2.47	97.57 0.44 -9.16	93.66 0.18 -5.24	79.30 -0.37 -6.03	74.41 -0.57 -3.27	73.54 -0.86 -2.70	72.76 -1.08 -1.99	72.38 -1.00 -1.61	71.77 -0.93 -0.93	73.98 -0.79 -2.85	76.03 -0.36 -4.47	91.80 0.08 -9.02	89.77 0.08 -9.12	78.32 0.00 -6.02	80.14 -0.08 -4.53	74.45 -0.58 -2.97	74.87 -0.93 -3.96	74.67 -1.00 -3.98
NEG MILLWOOD___DRP 24198	104.87 6.09 -17.57	87.52 5.32 -10.27	86.60 5.23 -9.67	86.65 5.24 -9.63	89.86 5.33 -12.54	96.82 5.41 -19.26	118.10 6.89 -23.96	167.71 7.30 -72.44	137.79 7.85 -41.69	124.28 6.26 -44.38	103.74 5.95 -26.08	98.81 6.09 -21.02	93.73 6.04 -15.84	90.55 5.96 -12.81	85.30 6.10 -7.43	99.89 5.97 -22.00	113.13 6.19 -35.03	161.54 7.53 -71.31	157.42 7.41 -69.44	126.20 6.51 -47.40	113.40 6.66 -31.05	99.52 6.05 -21.40	105.08 5.75 -27.48	105.24 5.31 -28.23
NEG NORTH_FLCN_SEA 23793	80.56 -0.65 0.00	71.43 -0.50 0.00	71.34 -0.36 0.00	71.13 -0.65 0.00	71.06 -0.94 0.00	70.27 -1.88 0.00	84.37 -2.88 0.00	85.24 -2.73 0.00	84.98 -3.27 0.00	71.43 -2.21 0.00	69.41 -2.29 0.00	69.48 -2.22 0.00	69.55 -2.30 0.00	69.41 -2.37 0.00	69.26 -2.51 0.00	69.19 -2.73 0.00	69.33 -2.59 0.00	79.06 -3.64 0.00	77.35 -3.22 0.00	69.40 -2.89 0.00	72.74 -2.95 0.00	69.68 -2.38 0.00	69.62 -2.23 0.00	70.55 -1.15 0.00
NEG NORTH_KES_CHATEGAY 23792	79.67 -1.54 0.00	70.63 -1.29 0.00	70.62 -1.08 0.00	70.41 -1.36 0.00	70.34 -1.66 0.00	70.06 -2.09 0.00	84.11 -3.14 0.00	84.89 -3.08 0.00	84.63 -3.62 0.00	71.21 -2.43 0.00	69.20 -2.51 0.00	69.33 -2.37 0.00	69.48 -2.37 0.00	69.34 -2.44 0.00	69.26 -2.51 0.00	69.19 -2.73 0.00	69.33 -2.59 0.00	79.06 -3.64 0.00	77.27 -3.30 0.00	69.33 -2.96 0.00	72.74 -2.95 0.00	69.61 -2.45 0.00	69.62 -2.23 0.00	70.05 -1.65 0.00
NEG NORTH___ALICE_FALLS 23915	80.89 -0.32 0.00	71.71 -0.22 0.00	71.63 -0.07 0.00	71.42 -0.36 0.00	71.35 -0.65 0.00	70.85 -1.30 0.00	84.98 -2.27 0.00	85.95 -2.02 0.00	85.60 -2.65 0.00	72.02 -1.62 0.00	69.99 -1.72 0.00	70.05 -1.65 0.00	70.12 -1.72 0.00	69.98 -1.79 0.00	69.84 -1.94 0.00	69.76 -2.16 0.00	69.91 -2.01 0.00	79.80 -2.89 0.00	78.07 -2.50 0.00	69.98 -2.31 0.00	73.42 -2.27 0.00	70.26 -1.80 0.00	70.20 -1.65 0.00	70.84 -0.86 0.00
NEG NORTH___LWR_SARANAC 23913	80.89 -0.32 0.00	71.71 -0.22 0.00	71.63 -0.07 0.00	71.42 -0.36 0.00	71.35 -0.65 0.00	70.85 -1.30 0.00	84.98 -2.27 0.00	85.95 -2.02 0.00	85.60 -2.65 0.00	72.02 -1.62 0.00	69.99 -1.72 0.00	70.05 -1.65 0.00	70.12 -1.72 0.00	69.98 -1.79 0.00	69.84 -1.94 0.00	69.76 -2.16 0.00	69.91 -2.01 0.00	79.80 -2.89 0.00	78.07 -2.50 0.00	69.98 -2.31 0.00	73.42 -2.27 0.00	70.26 -1.80 0.00	70.20 -1.65 0.00	70.84 -0.86 0.00
NEG NORTH___PLATTSBURG 23628	80.89 -0.32 0.00	71.71 -0.22 0.00	71.63 -0.07 0.00	71.42 -0.36 0.00	71.35 -0.65 0.00	70.85 -1.30 0.00	84.98 -2.27 0.00	85.95 -2.02 0.00	85.51 -2.74 0.00	72.02 -1.62 0.00	70.70 -1.00 0.00	70.55 -1.15 0.00	70.34 -1.51 0.00	70.34 -1.43 0.00	70.20 -1.58 0.00	70.12 -1.80 0.00	70.19 -1.73 0.00	80.55 -2.15 0.00	78.47 -2.10 0.00	70.19 -2.10 0.00	73.42 -2.27 0.00	70.26 -1.80 0.00	70.20 -1.65 0.00	70.84 -0.86 0.00
NEG WEST_LEA_LOCKPORT 23791	75.29 -8.53 -2.60	65.53 -7.98 -1.58	64.87 -8.32 -1.49	65.30 -7.97 -1.49	66.37 -7.56 -1.93	67.16 -7.58 -2.58	81.01 -9.16 -2.93	69.78 -9.68 8.51	68.22 -10.41 9.62	62.18 -8.32 3.14	60.51 -7.39 3.81	58.77 -8.39 4.54	58.56 -9.41 3.87	57.08 -9.33 5.36	57.68 -9.12 4.98	58.30 -9.06 4.56	56.53 -9.71 5.68	65.03 -10.42 7.25	62.49 -10.15 7.93	54.54 -9.47 8.28	69.90 -9.16 -3.37	65.54 -9.30 -2.77	65.64 -9.34 -3.13	66.22 -8.60 -3.13
NEG WEST___LANCASTER 23811	75.50 -8.77 -3.05	66.12 -7.70 -1.89	67.10 -6.38 -1.78	67.45 -6.10 -1.78	68.62 -5.69 -2.31	67.23 -8.01 -3.08	81.57 -9.16 -3.49	76.12 -9.85 2.00	82.81 -3.27 2.18	64.74 -8.69 0.22	62.19 -8.17 1.34	61.83 -7.67 2.20	65.86 -4.02 1.96	64.71 -3.88 3.19	64.83 -3.73 3.22	66.00 -3.74 2.18	67.44 -3.96 0.52	72.09 -9.10 1.50	71.92 -6.61 2.04	67.03 -3.98 1.28	72.06 -7.49 -3.86	68.33 -6.99 -3.25	68.28 -7.18 -3.61	66.51 -8.75 -3.56
NEG_PENN_ALLEGHNY 23528	86.55 -0.24 -5.58	75.25 -0.43 -3.75	74.81 -0.43 -3.54	74.95 -0.36 -3.53	76.52 -0.07 -4.59	79.12 -0.22 -7.19	96.46 0.26 -8.95	111.94 0.18 -23.79	103.94 0.97 -14.72	87.23 -0.37 -13.96	79.35 -0.65 -8.29	77.51 -0.79 -6.60	76.09 -0.79 -5.03	75.06 -0.79 -4.07	73.56 -0.58 -2.36	78.22 -0.58 -6.87	83.61 -0.22 -11.91	106.25 0.17 -23.39	103.31 0.16 -22.58	88.17 0.00 -15.87	85.53 -0.08 -9.92	78.94 -0.43 -7.31	80.14 -0.65 -8.94	79.24 -0.86 -8.40
NEG___GEN_MONROE 24207	79.46 -3.90 -2.15	68.07 -3.88 -0.02	67.32 -4.37 0.00	67.61 -4.16 0.00	68.26 -3.74 0.00	68.92 -3.32 -0.09	83.87 -3.75 -0.37	90.98 -4.05 -7.06	84.55 -5.47 -1.77	73.32 -4.12 -3.80	71.09 -3.87 -3.25	69.50 -4.73 -2.54	68.02 -5.82 -1.99	67.60 -5.81 -1.63	67.14 -5.60 -0.96	68.99 -5.54 -2.61	68.78 -5.61 -2.47	84.72 -4.88 -6.91	81.58 -5.16 -6.17	71.04 -5.21 -3.95	71.93 -4.69 -0.93	67.26 -5.12 -0.32	67.37 -5.17 -0.69	69.85 -4.59 -2.74

NEPA__ENERGY 23901	77.03 -7.07 -2.88	67.01 -6.69 -1.77	66.70 -6.67 -1.67	67.13 -6.32 -1.67	68.26 -5.90 -2.17	68.55 -6.49 -2.89	83.19 -7.33 -3.27	72.05 -7.92 8.00	75.60 -6.62 6.03	63.47 -7.14 3.02	61.49 -6.53 3.69	60.19 -7.10 4.41	61.23 -6.83 3.80	59.86 -6.68 5.24	60.35 -6.53 4.90	60.95 -6.54 4.43	61.77 -6.83 3.31	66.91 -8.60 7.19	65.39 -7.73 7.45	60.55 -6.51 5.23	72.12 -7.19 -3.62	67.91 -7.21 -3.05	67.91 -7.33 -3.39	67.74 -7.31 -3.35
NEVERSink__HYD 23608	101.95 4.95 -15.78	85.81 4.32 -9.57	84.94 4.23 -9.01	84.99 4.23 -8.98	88.01 4.32 -11.69	94.79 4.55 -18.10	115.65 5.85 -22.56	159.65 6.07 -65.61	133.28 6.53 -38.50	118.65 4.86 -40.15	99.44 4.30 -23.43	94.88 4.30 -18.88	90.32 4.24 -14.23	87.52 4.23 -11.51	82.90 4.45 -6.67	96.14 4.46 -19.76	108.82 4.89 -32.01	153.42 6.12 -64.60	149.45 5.96 -62.92	120.65 5.21 -43.15	109.50 5.37 -28.44	96.66 4.83 -19.77	101.61 4.53 -25.23	101.14 4.08 -25.36
NEWKRMKL_115KV_TB1 55635	105.88 3.33 -21.34	103.45 2.95 -28.58	101.73 2.87 -27.16	101.71 2.87 -27.06	110.10 2.88 -35.22	136.03 2.81 -61.06	168.70 3.14 -78.31	204.64 3.08 -113.59	191.78 3.44 -100.09	143.78 2.80 -67.34	106.33 2.94 -31.68	100.17 2.94 -25.53	94.11 3.02 -19.24	90.35 3.01 -15.56	83.52 2.73 -9.02	101.38 2.73 -26.73	142.44 2.37 -68.15	197.49 2.56 -112.23	193.01 2.50 -109.94	158.84 2.24 -84.31	141.35 2.35 -63.31	126.18 2.52 -51.60	133.56 2.73 -58.98	108.78 2.80 -34.29
NEWTON__FALLS_HYD 23847	81.41 -0.24 -0.44	71.86 -0.07 0.00	71.63 -0.07 0.00	71.63 -0.14 0.00	71.78 -0.22 0.00	71.95 -0.22 -0.02	86.54 -0.79 -0.08	89.04 -0.35 -1.42	88.04 -0.53 -0.32	74.03 -0.52 -0.91	72.01 -0.36 -0.66	71.80 -0.43 -0.53	71.89 -0.36 -0.40	71.67 -0.43 -0.32	71.53 -0.43 -0.19	71.83 -0.65 -0.56	71.97 -0.43 -0.48	83.60 -0.50 -1.40	81.51 -0.40 -1.35	72.70 -0.36 -0.77	75.54 -0.53 -0.38	71.91 -0.29 -0.14	71.92 -0.22 -0.29	72.55 0.14 -0.71
NGRID_A1_DSASP 323792	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.81 -1.52	65.83 -7.47 -1.52	66.92 -7.05 -1.97	67.79 -7.00 -2.64	80.90 -9.33 -2.99	75.15 -9.24 3.59	75.59 -9.53 3.13	64.65 -8.10 0.89	58.64 -11.18 1.88	58.57 -10.54 2.59	59.01 -10.56 2.28	57.37 -10.98 3.43	57.45 -10.98 3.35	59.05 -10.29 2.58	59.15 -11.44 1.33	66.34 -13.23 3.12	64.62 -12.57 3.38	59.10 -10.85 2.35	69.28 -9.84 -3.43	65.24 -9.65 -2.83	65.12 -9.92 -3.19	66.13 -8.75 -3.18
NGRID_A2_DSASP 323793	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.81 -1.52	65.83 -7.47 -1.52	66.92 -7.05 -1.97	67.79 -7.00 -2.64	80.90 -9.33 -2.99	75.15 -9.24 3.59	75.59 -9.53 3.13	64.65 -8.10 0.89	58.64 -11.18 1.88	58.57 -10.54 2.59	59.01 -10.56 2.28	57.37 -10.98 3.43	57.45 -10.98 3.35	59.05 -10.29 2.58	59.15 -11.44 1.33	66.34 -13.23 3.12	64.62 -12.57 3.38	59.10 -10.85 2.35	69.28 -9.84 -3.43	65.24 -9.65 -2.83	65.12 -9.92 -3.19	66.13 -8.75 -3.18
NGRID_A4_DSASP 323807	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.81 -1.52	65.83 -7.47 -1.52	66.92 -7.05 -1.97	67.79 -7.00 -2.64	80.90 -9.33 -2.99	75.15 -9.24 3.59	75.59 -9.53 3.13	64.65 -8.10 0.89	58.64 -11.18 1.88	58.57 -10.54 2.59	59.01 -10.56 2.28	57.37 -10.98 3.43	57.45 -10.98 3.35	59.05 -10.29 2.58	59.15 -11.44 1.33	66.34 -13.23 3.12	64.62 -12.57 3.38	59.10 -10.85 2.35	69.28 -9.84 -3.43	65.24 -9.65 -2.83	65.12 -9.92 -3.19	66.13 -8.75 -3.18
NIAGARA_115E_LBMP 323715	74.69 -9.18 -2.66	64.99 -8.56 -1.62	64.40 -8.82 -1.53	64.76 -8.54 -1.52	65.84 -8.14 -1.98	66.64 -8.15 -2.64	80.29 -9.95 -3.00	74.47 -10.29 3.21	74.68 -10.95 2.62	64.44 -8.47 0.73	59.57 -10.40 1.74	59.36 -9.89 2.44	59.85 -9.84 2.16	58.09 -10.41 3.28	57.29 -11.27 3.22	59.93 -9.57 2.43	59.35 -11.58 0.99	66.53 -13.40 2.77	64.81 -12.73 3.03	59.28 -11.13 1.88	68.90 -10.22 -3.43	64.81 -10.09 -2.83	64.69 -10.34 -3.19	65.70 -9.18 -3.18
NIAGARA_115W_LBMP 323714	75.66 -8.20 -2.64	66.06 -7.48 -1.61	65.33 -7.89 -1.52	65.76 -7.54 -1.52	66.84 -7.13 -1.97	67.72 -7.07 -2.63	80.72 -9.51 -2.98	75.13 -9.33 3.52	75.55 -9.62 3.08	64.64 -8.10 0.90	58.60 -11.26 1.86	58.53 -10.61 2.56	58.96 -10.63 2.26	57.32 -11.05 3.40	57.33 -11.12 3.32	59.02 -10.36 2.55	59.12 -11.51 1.30	66.24 -13.40 3.06	64.61 -12.65 3.31	59.01 -10.99 2.30	69.20 -9.91 -3.42	65.09 -9.80 -2.82	64.97 -10.06 -3.18	66.05 -8.82 -3.18
NIAGARA_230_LBMP 323716	75.87 -7.96 -2.61	66.11 -7.41 -1.59	65.45 -7.74 -1.50	65.80 -7.47 -1.49	66.89 -7.05 -1.94	67.68 -7.07 -2.60	81.64 -8.55 -2.94	75.37 -9.41 3.19	75.65 -9.53 3.06	64.75 -8.18 0.71	59.67 -10.32 1.72	59.53 -9.75 2.42	59.94 -9.77 2.14	58.32 -10.19 3.26	58.31 -10.27 3.20	60.02 -9.49 2.41	60.00 -10.64 1.28	67.62 -12.32 2.75	65.87 -11.68 3.01	60.00 -10.05 2.25	70.00 -9.08 -3.40	65.92 -8.94 -2.79	65.81 -9.20 -3.15	66.68 -8.18 -3.15
NIAGARA__115KV_198_GIBSON 55903	75.66 -8.20 -2.64	66.06 -7.48 -1.61	65.33 -7.89 -1.52	65.76 -7.54 -1.52	66.77 -7.20 -1.97	67.71 -7.07 -2.63	80.72 -9.51 -2.98	75.13 -9.32 3.52	74.75 -10.41 3.08	64.64 -8.10 0.90	62.54 -7.31 1.86	60.82 -8.32 2.56	60.18 -9.41 2.26	59.12 -9.26 3.40	59.48 -8.97 3.32	60.31 -9.06 2.55	60.99 -9.64 1.30	69.47 -10.17 3.06	67.26 -9.99 3.31	60.60 -9.40 2.30	69.35 -9.76 -3.42	65.09 -9.80 -2.82	65.26 -9.77 -3.18	66.06 -8.82 -3.18
NIAGARA____ 23760	75.91 -7.96 -2.65	66.14 -7.41 -1.62	65.48 -7.74 -1.53	65.83 -7.47 -1.52	66.93 -7.05 -1.98	67.73 -7.07 -2.64	81.69 -8.55 -2.99	75.36 -9.41 3.20	75.84 -9.53 2.88	64.75 -8.18 0.71	59.67 -10.32 1.72	59.52 -9.75 2.42	59.93 -9.77 2.14	58.31 -10.19 3.27	58.30 -10.27 3.21	60.01 -9.49 2.41	60.10 -10.64 1.17	67.62 -12.32 2.76	65.87 -11.68 3.02	60.13 -10.05 2.12	70.02 -9.08 -3.42	65.94 -8.94 -2.82	65.83 -9.20 -3.18	66.70 -8.18 -3.18
NINE_MILE_1 23575	79.28 -3.00 -1.07	69.13 -2.81 -0.01	68.76 -2.94 0.00	68.90 -2.87 0.00	69.19 -2.81 0.00	69.53 -2.67 -0.04	84.46 -2.97 -0.19	88.41 -2.99 -3.43	85.93 -3.09 -0.77	73.03 -2.80 -2.19	70.14 -3.15 -1.59	69.82 -3.15 -1.28	69.80 -3.01 -0.96	69.47 -3.08 -0.78	69.14 -3.08 -0.45	70.24 -3.02 -1.34	70.06 -3.02 -1.16	82.84 -3.23 -3.37	80.67 -3.14 -3.25	71.41 -2.75 -1.86	73.80 -2.80 -0.91	69.50 -2.88 -0.33	69.53 -3.01 -0.70	70.47 -2.94 -1.72
NINE_MILE_2 23744	79.28 -3.00 -1.07	69.13 -2.81 -0.01	68.76 -2.94 0.00	68.90 -2.87 0.00	69.19 -2.81 0.00	69.53 -2.67 -0.04	84.46 -2.97 -0.18	88.40 -2.99 -3.42	85.92 -3.09 -0.77	73.03 -2.80 -2.18	70.14 -3.15 -1.58	69.89 -3.08 -1.28	69.80 -3.01 -0.96	69.47 -3.08 -0.78	69.14 -3.08 -0.45	70.24 -3.02 -1.34	70.12 -2.95 -1.15	82.83 -3.23 -3.36	80.67 -3.14 -3.24	71.41 -2.75 -1.86	73.80 -2.80 -0.91	69.50 -2.88 -0.33	69.53 -3.01 -0.69	70.47 -2.94 -1.71
NM_CAPITAL__DRP 24208	106.17 3.65 -21.30	104.46 3.24 -29.29	102.70 3.15 -27.84	102.68 3.16 -27.74	111.34 3.24 -36.10	138.06 3.17 -62.74	171.31 3.58 -80.49	206.00 3.43 -114.59	194.39 3.88 -102.26	144.67 3.17 -67.86	106.56 3.23 -31.62	100.41 3.23 -25.49	94.36 3.31 -19.21	90.68 3.37 -15.53	83.87 3.09 -9.00	101.76 3.16 -26.68	144.03 2.88 -69.24	199.00 3.06 -113.24	194.51 2.98 -110.96	160.47 2.75 -85.43	143.05 2.95 -64.41	127.81 3.03 -52.72	135.10 3.16 -60.09	109.01 3.08 -34.23

NM_CENTRAL___DRP 24181	81.29 -1.46 -1.53	70.43 -1.51 -0.01	69.98 -1.72 0.00	70.20 -1.58 0.00	70.63 -1.37 0.00	70.99 -1.23 -0.06	86.55 -0.96 -0.27	91.93 -0.97 -4.92	88.20 -1.15 -1.10	75.53 -1.25 -3.14	72.70 -1.29 -2.28	72.03 -1.51 -1.84	71.58 -1.65 -1.38	71.24 -1.65 -1.12	70.85 -1.58 -0.65	72.40 -1.44 -1.92	72.28 -1.29 -1.66	86.45 -1.08 -4.83	84.18 -1.05 -4.66	73.88 -1.08 -2.68	75.86 -1.14 -1.31	71.09 -1.44 -0.47	71.19 -1.65 -1.00	72.51 -1.65 -2.47
NM_FRONTIER___DRP 24179	75.66 -8.20 -2.64	66.06 -7.48 -1.61	65.33 -7.89 -1.52	65.76 -7.54 -1.52	66.77 -7.20 -1.97	67.71 -7.07 -2.63	80.72 -9.51 -2.98	75.13 -9.32 3.52	74.75 -10.41 3.08	64.64 -8.10 0.90	62.54 -7.31 1.86	60.82 -8.32 2.56	60.18 -9.41 2.26	59.12 -9.26 3.40	59.48 -8.97 3.32	60.31 -9.06 2.55	60.99 -9.64 1.30	69.47 -10.17 3.06	67.26 -9.99 3.31	60.60 -9.40 2.30	69.35 -9.76 -3.42	65.09 -9.80 -2.82	65.26 -9.77 -3.18	66.06 -8.82 -3.18
NM_ST_REGIS___HYD 24053	80.73 -0.49 0.00	71.71 -0.22 0.00	71.63 -0.07 0.00	71.56 -0.22 0.00	71.50 -0.50 0.00	71.28 -0.87 0.00	85.07 -2.18 0.00	85.86 -2.11 0.00	85.69 -2.56 0.00	72.17 -1.47 0.00	70.56 -1.15 0.00	70.69 -1.00 0.00	70.91 -0.93 0.00	70.77 -1.00 0.00	70.63 -1.15 0.00	70.19 -1.73 0.00	70.26 -1.65 0.00	80.22 -2.48 0.00	78.39 -2.18 0.00	70.41 -1.88 0.00	73.72 -1.97 0.00	70.76 -1.30 0.00	70.99 -0.86 0.00	71.41 -0.29 0.00
NORTHPORT___1 23551	105.25 6.58 -17.46	104.22 5.90 -26.39	101.61 5.74 -24.17	101.54 5.74 -24.02	100.09 5.91 -22.18	107.68 5.99 -29.54	133.92 7.68 -38.99	166.50 6.95 -71.58	142.01 8.39 -45.37	124.20 6.70 -43.86	104.46 6.95 -25.80	98.81 6.31 -20.80	94.06 6.54 -15.67	91.05 6.60 -12.68	91.52 7.32 -12.42	111.17 6.97 -32.28	145.88 6.54 -67.42	188.50 7.45 -98.36	182.49 7.17 -94.76	172.89 6.36 -94.24	148.54 6.81 -66.04	133.18 6.41 -54.71	124.15 6.54 -45.76	105.22 5.60 -27.93
NORTHPORT___2 23552	105.18 6.50 -17.46	104.14 5.82 -26.39	101.53 5.66 -24.17	101.54 5.74 -24.02	100.01 5.83 -22.18	107.61 5.92 -29.54	133.82 7.59 -38.99	165.97 6.42 -71.58	141.91 8.29 -45.37	124.13 6.63 -43.86	104.40 6.88 -25.80	98.73 6.23 -20.80	93.99 6.47 -15.67	90.98 6.53 -12.68	91.37 7.18 -12.42	111.03 6.84 -32.28	145.81 6.48 -67.42	188.08 7.03 -98.36	182.09 6.77 -94.76	172.53 6.00 -94.24	148.39 6.66 -66.04	133.26 6.49 -54.71	124.08 6.47 -45.76	105.22 5.60 -27.93
NORTHPORT___3 23553	104.85 6.17 -17.46	103.78 5.46 -26.39	101.18 5.31 -24.17	101.18 5.39 -24.02	99.65 5.47 -22.18	107.25 5.56 -29.54	133.39 7.16 -38.99	166.42 6.87 -71.58	141.65 8.03 -45.37	123.83 6.33 -43.86	103.97 6.46 -25.80	98.38 5.88 -20.80	93.56 6.04 -15.67	90.55 6.10 -12.68	90.79 6.60 -12.42	110.59 6.40 -32.28	145.66 6.33 -67.42	188.50 7.45 -98.36	182.66 7.33 -94.76	173.04 6.51 -94.24	148.46 6.73 -66.04	132.97 6.20 -54.71	123.64 6.04 -45.76	104.79 5.17 -27.93
NORTHPORT___4 23650	104.85 6.17 -17.46	103.78 5.46 -26.39	101.18 5.31 -24.17	101.18 5.39 -24.02	99.65 5.47 -22.18	107.25 5.56 -29.54	133.39 7.16 -38.99	166.42 6.87 -71.58	141.65 8.03 -45.37	123.83 6.33 -43.86	103.97 6.46 -25.80	98.38 5.88 -20.80	93.56 6.04 -15.67	90.55 6.10 -12.68	90.79 6.60 -12.42	110.59 6.40 -32.28	145.66 6.33 -67.42	188.50 7.45 -98.36	182.66 7.33 -94.76	173.04 6.51 -94.24	148.46 6.73 -66.04	132.97 6.20 -54.71	123.64 6.04 -45.76	104.79 5.17 -27.93
NORTHPORT___IC 23718	105.34 6.66 -17.46	104.22 5.90 -26.39	101.61 5.74 -24.17	101.54 5.74 -24.02	100.09 5.90 -22.18	107.68 5.99 -29.54	133.92 7.68 -38.99	166.50 6.95 -71.58	142.00 8.38 -45.37	124.20 6.70 -43.86	104.39 6.88 -25.80	98.73 6.24 -20.80	93.99 6.47 -15.67	91.06 6.60 -12.68	91.52 7.32 -12.42	111.24 7.05 -32.28	145.95 6.62 -67.42	188.50 7.44 -98.36	182.58 7.25 -94.76	172.89 6.36 -94.24	148.46 6.74 -66.04	133.18 6.41 -54.71	124.15 6.54 -45.76	105.22 5.59 -27.93
NORTH___COUNTRY_ESR 323785	79.43 -1.79 0.00	70.42 -1.51 0.00	70.41 -1.29 0.00	70.20 -1.58 0.00	70.13 -1.87 0.00	69.84 -2.31 0.00	83.75 -3.49 0.00	84.54 -3.43 0.00	84.19 -4.06 0.00	70.99 -2.65 0.00	69.78 -1.93 0.00	69.62 -2.08 0.00	69.55 -2.30 0.00	69.55 -2.23 0.00	69.48 -2.30 0.00	69.33 -2.59 0.00	69.33 -2.59 0.00	79.47 -3.23 0.00	77.34 -3.23 0.00	69.33 -2.97 0.00	72.44 -3.25 0.00	69.40 -2.66 0.00	69.48 -2.37 0.00	69.83 -1.86 0.00
NPX_GEN_1385_PROXY 323591	105.25 6.58 -17.46	104.22 5.90 -26.39	101.61 5.74 -24.17	101.54 5.74 -24.02	100.30 6.12 -22.18	107.68 5.99 -29.54	134.26 8.02 -38.99	166.59 7.04 -71.58	141.91 8.29 -45.37	124.05 6.55 -43.86	105.11 7.60 -25.80	99.31 6.81 -20.80	94.70 7.18 -15.67	91.70 7.25 -12.68	92.66 8.47 -12.42	111.82 7.62 -32.28	145.81 6.48 -67.42	188.08 7.03 -98.36	181.53 6.20 -94.76	171.88 5.35 -94.24	147.41 5.68 -66.04	132.32 5.55 -54.71	124.00 6.39 -45.76	105.22 5.60 -27.93
NPX_GEN_CSC 323557	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.90 6.21 -29.54	134.18 7.94 -38.99	166.94 7.39 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	91.95 7.75 -12.42	111.17 6.97 -32.28	146.02 6.69 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.69 7.16 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.36 6.75 -45.76	105.29 5.66 -27.93
NSINS_S___GLNS_FALLS 23858	110.39 7.23 -21.95	122.15 6.47 -43.75	119.76 6.38 -41.68	119.77 6.46 -41.53	132.60 6.55 -54.04	175.16 6.64 -96.37	219.91 8.29 -124.37	235.99 8.36 -139.66	244.02 8.74 -147.03	161.75 6.85 -81.26	110.46 6.17 -32.59	103.91 5.95 -26.27	97.61 5.96 -19.79	93.60 5.81 -16.01	87.01 5.96 -9.28	105.81 6.40 -27.49	171.60 6.76 -92.92	228.73 7.77 -138.26	224.13 7.65 -135.91	189.86 7.01 -110.56	170.67 7.04 -87.95	154.44 6.49 -75.90	161.59 6.25 -83.49	113.14 6.17 -35.27
NUCOR_STEEL___DRP 24197	82.84 -0.49 -2.11	71.23 -0.72 -0.02	70.77 -0.93 0.00	70.99 -0.79 0.00	71.50 -0.50 0.00	71.88 -0.36 -0.09	87.87 0.26 -0.37	95.01 0.26 -6.78	89.77 0.00 -1.52	77.93 -0.52 -4.80	74.20 -0.65 -3.13	73.43 -0.86 -2.60	72.67 -1.08 -1.90	72.24 -1.08 -1.54	71.74 -0.93 -0.89	73.87 -0.79 -2.75	73.77 -0.43 -2.28	89.34 0.00 -6.64	87.36 0.00 -6.79	75.90 -0.07 -3.68	77.97 -0.15 -2.44	72.29 -0.65 -0.88	72.86 -0.86 -1.87	74.66 -0.93 -3.89
NUMBER_THREE_WT_PWR 323818	82.54 0.73 -0.60	72.65 0.72 -0.01	72.34 0.64 0.00	72.42 0.64 0.00	72.72 0.72 0.00	73.26 1.08 -0.02	88.66 1.31 -0.10	91.83 1.93 -1.93	90.71 2.03 -0.43	75.90 1.03 -1.23	73.46 0.86 -0.89	73.13 0.72 -0.72	73.11 0.72 -0.54	72.86 0.64 -0.44	72.75 0.72 -0.25	73.54 0.87 -0.75	73.79 1.22 -0.65	86.49 1.90 -1.89	84.16 1.77 -1.83	74.93 1.59 -1.05	77.56 1.36 -0.51	73.47 1.22 -0.18	73.10 0.87 -0.39	73.59 0.93 -0.97
NYISO_LBMP_REFERENCE 24008	81.21 0.00 0.00	71.93 0.00 0.00	71.70 0.00 0.00	71.78 0.00 0.00	72.00 0.00 0.00	72.15 0.00 0.00	87.25 0.00 0.00	87.97 0.00 0.00	88.25 0.00 0.00	73.64 0.00 0.00	71.71 0.00 0.00	71.70 0.00 0.00	71.85 0.00 0.00	71.78 0.00 0.00	71.78 0.00 0.00	71.92 0.00 0.00	71.92 0.00 0.00	82.70 0.00 0.00	80.57 0.00 0.00	72.29 0.00 0.00	75.69 0.00 0.00	72.06 0.00 0.00	71.85 0.00 0.00	71.70 0.00 0.00

NYPA_BRENTWD____GT 24164	105.99	104.87	102.25	102.18	100.73	108.33	134.88	167.47	142.97	124.86	105.11	99.31	94.57	91.63	92.02	111.82	146.74	189.65	183.70	173.98	149.53	134.12	124.86	105.94
	7.31	6.54	6.38	6.39	6.55	6.63	8.64	7.92	9.35	7.36	7.60	6.81	7.05	7.18	7.82	7.62	7.41	8.60	8.38	7.45	7.80	7.35	7.25	6.31
	-17.46	-26.39	-24.17	-24.02	-22.18	-29.54	-38.99	-71.58	-45.37	-43.86	-25.80	-20.80	-15.67	-12.68	-12.42	-32.28	-67.42	-98.36	-94.76	-94.24	-66.04	-54.71	-45.76	-27.93
NYPA_GOWANUS____GT5 24156	129.37	103.89	102.46	102.58	105.68	112.36	137.32	193.65	164.28	157.35	134.38	129.17	126.73	125.38	120.33	134.37	147.00	240.98	237.64	188.44	173.91	129.20	131.93	122.31
	5.85	5.11	4.94	4.95	5.04	4.97	6.46	6.60	7.41	6.33	6.31	6.31	6.32	6.32	6.39	6.19	6.11	7.28	7.09	6.36	6.66	5.77	5.75	5.23
	-42.31	-26.85	-25.81	-25.85	-28.64	-35.24	-43.62	-99.08	-68.62	-77.37	-56.36	-51.17	-48.56	-47.29	-42.17	-56.27	-68.97	-151.01	-149.98	-109.79	-91.56	-51.37	-54.33	-45.38
NYPA_GOWANUS____GT6 24157	129.37	103.89	102.46	102.58	105.68	112.36	137.32	193.65	164.28	157.35	134.38	129.17	126.73	125.38	120.33	134.37	147.00	240.98	237.64	188.44	173.91	129.20	131.93	122.31
	5.85	5.11	4.94	4.95	5.04	4.97	6.46	6.60	7.41	6.33	6.31	6.31	6.32	6.32	6.39	6.19	6.11	7.28	7.09	6.36	6.66	5.77	5.75	5.23
	-42.31	-26.85	-25.81	-25.85	-28.64	-35.24	-43.62	-99.08	-68.62	-77.37	-56.36	-51.17	-48.56	-47.29	-42.17	-56.27	-68.97	-151.01	-149.98	-109.79	-91.56	-51.37	-54.33	-45.38
NYPA_HARLEM__RVR__GT1 24160	103.71	86.57	85.58	85.63	88.80	95.56	116.39	165.29	135.87	123.10	103.11	98.23	93.27	90.19	85.01	99.22	111.82	159.47	155.32	124.60	112.08	98.35	104.06	104.22
	5.12	4.53	4.37	4.38	4.47	4.47	5.59	5.71	6.53	5.59	5.60	5.74	5.75	5.74	5.89	5.54	5.32	6.28	6.12	5.49	5.75	5.19	5.10	4.59
	-17.38	-10.10	-9.51	-9.48	-12.33	-18.93	-23.55	-71.60	-41.10	-43.87	-25.80	-20.80	-15.67	-12.67	-7.34	-21.77	-34.58	-70.49	-68.63	-46.82	-30.64	-21.09	-27.11	-27.93
NYPA_HARLEM__RVR__GT2 24161	103.71	86.57	85.58	85.63	88.80	95.56	116.39	165.29	135.87	123.10	103.11	98.23	93.27	90.19	85.01	99.22	111.82	159.47	155.32	124.60	112.08	98.35	104.06	104.22
	5.12	4.53	4.37	4.38	4.47	4.47	5.59	5.71	6.53	5.59	5.60	5.74	5.75	5.74	5.89	5.54	5.32	6.28	6.12	5.49	5.75	5.19	5.10	4.59
	-17.38	-10.10	-9.51	-9.48	-12.33	-18.93	-23.55	-71.60	-41.10	-43.87	-25.80	-20.80	-15.67	-12.67	-7.34	-21.77	-34.58	-70.49	-68.63	-46.82	-30.64	-21.09	-27.11	-27.93
NYPA_KENT____GT 24152	118.64	96.73	95.42	95.51	98.71	105.39	128.65	181.82	152.42	142.88	121.18	116.05	112.60	110.44	105.38	119.48	132.16	206.31	202.70	161.38	147.64	116.19	120.22	104.70
	5.77	5.11	4.88	4.88	5.04	4.97	6.37	6.51	7.32	6.19	6.17	6.17	6.25	6.17	6.32	6.04	5.97	7.03	6.93	6.22	6.43	5.69	5.67	5.09
	-31.65	-19.69	-18.85	-18.85	-21.67	-28.27	-35.04	-87.33	-56.86	-63.05	-43.30	-38.19	-34.50	-32.49	-27.28	-41.52	-54.27	-116.59	-115.21	-82.87	-65.52	-38.43	-42.70	-27.91
NYPA_POUCH1____GT 24155	128.96	63.92	63.39	63.46	63.38	63.25	136.88	193.20	163.84	156.98	133.95	68.30	68.30	68.23	67.38	134.01	146.71	240.56	237.31	188.15	173.53	128.91	131.57	121.96
	5.44	4.75	4.52	4.60	4.68	4.62	6.02	6.16	6.97	5.96	5.88	5.95	5.96	5.89	6.03	5.82	5.82	6.86	6.77	6.07	6.28	5.47	5.39	4.88
	-42.31	12.76	12.83	12.91	13.29	13.53	-43.62	-99.08	-68.62	-77.37	-56.36	9.34	9.51	9.43	10.43	-56.27	-68.97	-151.01	-149.98	-109.79	-91.56	-51.37	-54.33	-45.38
NYPA_VERNON____GT2 24162	107.90	89.50	88.39	88.52	91.67	98.43	120.00	169.98	140.58	128.56	108.12	103.07	98.47	95.65	90.49	104.74	117.39	171.73	167.77	134.32	121.45	103.18	108.52	104.72
	5.68	5.03	4.80	4.88	4.96	4.97	6.29	6.42	7.24	6.19	6.17	6.17	6.18	6.17	6.32	6.04	5.90	6.86	6.77	6.07	6.28	5.62	5.61	5.09
	-21.00	-12.54	-11.88	-11.86	-14.71	-21.30	-26.47	-75.59	-45.09	-48.73	-30.24	-25.21	-20.45	-17.70	-12.40	-26.78	-39.57	-82.17	-80.44	-55.96	-39.48	-25.49	-31.07	-27.93
NYPA_VERNON____GT3 24163	107.90	89.50	88.39	88.52	91.67	98.43	120.00	169.98	140.58	128.56	108.12	103.07	98.47	95.65	90.49	104.74	117.39	171.73	167.77	134.32	121.45	103.18	108.52	104.72
	5.68	5.03	4.80	4.88	4.96	4.97	6.29	6.42	7.24	6.19	6.17	6.17	6.18	6.17	6.32	6.04	5.90	6.86	6.77	6.07	6.28	5.62	5.61	5.09
	-21.00	-12.54	-11.88	-11.86	-14.71	-21.30	-26.47	-75.59	-45.09	-48.73	-30.24	-25.21	-20.45	-17.70	-12.40	-26.78	-39.57	-82.17	-80.44	-55.96	-39.48	-25.49	-31.07	-27.93
NYPA__ASTORIA_CC1 323568	104.20	87.00	85.95	86.07	89.24	96.00	117.00	165.83	136.41	123.56	103.54	98.59	93.63	90.55	85.37	99.59	112.26	159.89	155.82	125.05	112.54	98.64	104.50	104.65
	5.60	4.96	4.73	4.81	4.90	4.91	6.20	6.25	7.06	6.04	6.02	6.09	6.10	6.10	6.24	5.90	5.76	6.70	6.61	5.93	6.21	5.47	5.53	5.02
	-17.39	-10.11	-9.52	-9.49	-12.34	-18.94	-23.56	-71.61	-41.10	-43.88	-25.81	-20.80	-15.68	-12.68	-7.35	-21.78	-34.59	-70.50	-68.64	-46.82	-30.65	-21.10	-27.12	-27.94
NYPA__ASTORIA_CC2 323569	104.20	87.00	85.95	86.07	89.24	96.00	117.00	165.83	136.41	123.56	103.54	98.59	93.63	90.55	85.37	99.59	112.26	159.89	155.82	125.05	112.54	98.64	104.50	104.65
	5.60	4.96	4.73	4.81	4.90	4.91	6.20	6.25	7.06	6.04	6.02	6.09	6.10	6.10	6.24	5.90	5.76	6.70	6.61	5.93	6.21	5.47	5.53	5.02
	-17.39	-10.11	-9.52	-9.49	-12.34	-18.94	-23.56	-71.61	-41.10	-43.88	-25.81	-20.80	-15.68	-12.68	-7.35	-21.78	-34.59	-70.50	-68.64	-46.82	-30.65	-21.10	-27.12	-27.94
NYPA__HOLTSVILL 23794	105.25	104.29	101.75	101.68	100.16	107.76	134.00	166.68	142.09	124.20	104.46	98.59	93.91	90.98	91.44	111.10	145.95	188.92	182.98	173.32	148.84	133.47	124.36	105.43
	6.58	5.97	5.88	5.89	5.97	6.06	7.76	7.12	8.47	6.70	6.95	6.09	6.39	6.53	7.25	6.90	6.61	7.86	7.66	6.79	7.11	6.70	6.75	5.81
	-17.46	-26.39	-24.17	-24.02	-22.18	-29.54	-38.99	-71.58	-45.37	-43.86	-25.80	-20.80	-15.67	-12.68	-12.42	-32.28	-67.42	-98.36	-94.76	-94.24	-66.04	-54.71	-45.76	-27.93
NYPA____HELLGATE_GT1 24158	103.71	86.57	85.58	85.63	88.80	95.56	116.39	165.29	135.87	123.10	103.11	98.23	93.27	90.19	85.01	99.22	111.82	159.47	155.32	124.60	112.08	98.35	104.06	104.22
	5.12	4.53	4.37	4.38	4.47	4.47	5.59	5.71	6.53	5.59	5.60	5.74	5.75	5.74	5.89	5.54	5.32	6.28	6.12	5.49	5.75	5.19	5.10	4.59
	-17.38	-10.10	-9.51	-9.48	-12.33	-18.93	-23.55	-71.60	-41.10	-43.87	-25.80	-20.80	-15.67	-12.67	-7.34	-21.77	-34.58	-70.49	-68.63	-46.82	-30.64	-21.09	-27.11	-27.93
NYPA____HELLGATE_GT2 24159	103.71	86.57	85.58	85.63	88.80	95.56	116.39	165.29	135.87	123.10	103.11	98.23	93.27	90.19	85.01	99.22	111.82	159.47	155.32	124.60	112.08	98.35	104.06	104.22
	5.12	4.53	4.37	4.38	4.47	4.47	5.59	5.71	6.53	5.59	5.60	5.74	5.75	5.74	5.89	5.54	5.32	6.28	6.12	5.49	5.75	5.19	5.10	4.59
	-17.38	-10.10	-9.51	-9.48	-12.33	-18.93	-23.55	-71.60	-41.10	-43.87	-25.80	-20.80	-15.67	-12.67	-7.34	-21.77	-34.58	-70.49	-68.63	-46.82	-30.64	-21.09	-27.11	-27.93
NYS_BARGE__HYD 23848	75.51	65.73	65.15	65.50	66.65	67.43	81.34	77.19	77.73	65.78	60.86	60.67	60.97	59.47	58.86	61.24	61.46	69.37	67.64	61.88	70.03	65.81	65.62	66.42
	-8.28	-7.77	-8.03	-7.75	-7.27	-7.28	-8.81	-9.15	-9.44	-7.88	-9.75	-9.25	-9.27	-9.69	-10.27	-8.92	-10.50	-11.99	-11.36	-9.98	-9.01	-9.01	-9.34	-8.39
	-2.58	-1.57	-1.48	-1.47	-1.92	-2.56	-2.90	1.63	1.08	-0.02	1.10	1.78	1.61	2.62	2.65	1.76	-0.04	1.33	1.58	0.43	-3.35	-2.75	-3.11	-3.11

OAK ORCHARD___HYD 24046	79.77 -3.57 -2.13	68.43 -3.52 -0.02	67.61 -4.08 0.00	67.90 -3.88 0.00	68.47 -3.53 0.00	69.21 -3.03 -0.09	84.39 -3.23 -0.37	91.39 -3.52 -6.95	85.26 -4.68 -1.69	73.86 -3.53 -3.75	69.25 -5.67 -3.20	68.96 -5.23 -2.49	68.63 -5.17 -1.96	67.85 -5.53 -1.60	67.05 -5.67 -0.94	69.53 -4.96 -2.57	68.86 -5.47 -2.41	83.64 -5.87 -6.81	81.16 -5.48 -6.08	71.45 -4.70 -3.86	72.76 -3.86 -0.93	68.13 -4.25 -0.32	67.87 -4.67 -0.69	70.48 -3.94 -2.72
OAKDALE___35_KV_LOAD 356122	86.11 -0.65 -5.55	74.95 -0.79 -3.81	74.50 -0.79 -3.60	74.71 -0.65 -3.58	76.23 -0.43 -4.66	78.89 -0.58 -7.32	96.10 -0.26 -9.12	111.39 -0.35 -23.77	103.47 0.35 -14.87	86.64 -0.74 -13.73	79.01 -0.93 -8.23	77.22 -1.00 -6.53	76.13 -0.72 -5.00	75.10 -0.72 -4.04	73.47 -0.65 -2.34	78.20 -0.50 -6.79	83.59 -0.29 -11.96	105.56 -0.50 -23.36	102.80 -0.24 -22.47	88.12 -0.07 -15.90	84.88 -0.53 -9.72	78.56 -0.79 -7.29	79.72 -0.93 -8.81	78.69 -1.15 -8.14
OCC_CHEM___DRP 24175	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.82 -1.52	65.83 -7.46 -1.52	66.85 -7.13 -1.97	67.79 -7.00 -2.64	80.90 -9.34 -2.99	75.15 -9.24 3.59	74.79 -10.32 3.13	64.72 -8.03 0.89	62.58 -7.24 1.88	60.79 -8.32 2.59	60.23 -9.34 2.28	59.16 -9.19 3.43	59.46 -8.97 3.35	60.35 -8.99 2.58	61.03 -9.57 1.33	69.49 -10.09 3.12	67.28 -9.91 3.38	60.62 -9.33 2.35	69.50 -9.61 -3.43	65.23 -9.66 -2.83	65.33 -9.70 -3.19	66.13 -8.75 -3.18
OH_GEN_PROXY 24063	76.04 -7.80 -2.63	66.19 -7.34 -1.60	65.61 -7.60 -1.51	65.96 -7.32 -1.50	67.04 -6.91 -1.96	67.84 -6.93 -2.61	81.83 -8.38 -2.96	77.01 -9.24 1.73	76.90 -9.26 2.09	65.57 -8.02 0.05	60.46 -10.11 1.14	60.30 -9.54 1.87	60.61 -9.56 1.68	59.06 -9.97 2.74	58.96 -10.05 2.77	60.80 -9.28 1.85	61.05 -10.29 0.58	69.40 -11.91 1.39	67.60 -11.28 1.69	61.27 -9.76 1.26	70.26 -8.86 -3.43	66.08 -8.79 -2.81	65.98 -9.05 -3.18	66.85 -8.03 -3.18
OLIN_CORP_DRP 24177	74.96 -8.93 -2.67	65.22 -8.34 -1.63	64.56 -8.68 -1.54	64.98 -8.33 -1.53	66.00 -7.99 -2.00	66.88 -7.94 -2.67	80.58 -9.68 -3.02	74.38 -10.12 3.48	74.19 -11.21 2.85	64.39 -8.40 0.86	62.47 -7.39 1.85	60.61 -8.53 2.56	59.75 -9.84 2.25	58.54 -9.83 3.40	58.91 -9.55 3.32	59.88 -9.49 2.54	60.35 -10.43 1.14	68.60 -11.08 3.01	66.41 -10.88 3.28	59.93 -10.27 2.10	69.37 -9.76 -3.45	65.04 -9.87 -2.85	65.14 -9.92 -3.21	65.86 -9.03 -3.20
OLIN_CORP_DSASP 323712	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.81 -1.52	65.83 -7.47 -1.52	66.92 -7.05 -1.97	67.79 -7.00 -2.64	80.90 -9.33 -2.99	75.15 -9.24 3.59	75.59 -9.53 3.13	64.65 -8.10 0.89	58.64 -11.18 1.88	58.57 -10.54 2.59	59.01 -10.56 2.28	57.37 -10.98 3.43	57.45 -10.98 3.35	59.05 -10.29 2.58	59.15 -11.44 1.33	66.34 -13.23 3.12	64.62 -12.57 3.38	59.10 -10.85 2.35	69.28 -9.84 -3.43	65.24 -9.65 -2.83	65.12 -9.92 -3.19	66.13 -8.75 -3.18
ONEIDA_HERK_LFGE 323681	83.44 1.71 -0.52	73.51 1.58 -0.01	73.13 1.43 0.00	73.29 1.51 0.00	73.66 1.66 0.00	74.04 1.87 -0.02	89.78 2.44 -0.09	92.53 2.90 -1.66	91.62 3.00 -0.37	76.61 1.91 -1.06	74.05 1.58 -0.77	73.82 1.51 -0.62	73.83 1.51 -0.47	73.66 1.51 -0.38	73.50 1.51 -0.22	74.22 1.66 -0.65	74.34 1.87 -0.56	86.89 2.57 -1.63	84.55 2.41 -1.57	75.36 2.17 -0.90	78.24 2.12 -0.44	74.09 1.87 -0.16	73.76 1.58 -0.34	74.04 1.51 -0.83
ONEIDA___115KV_TB4 55905	84.32 2.11 -0.99	73.81 1.87 -0.01	73.42 1.72 0.00	73.57 1.79 0.00	74.02 2.02 0.00	74.50 2.31 -0.04	90.56 3.14 -0.17	94.67 3.52 -3.18	92.49 3.53 -0.71	77.88 2.21 -2.03	75.04 1.86 -1.47	74.60 1.72 -1.19	74.47 1.72 -0.89	74.22 1.72 -0.72	73.99 1.79 -0.42	75.17 2.01 -1.24	75.22 2.23 -1.07	88.71 2.89 -3.12	86.40 2.82 -3.01	76.48 2.46 -1.73	78.88 2.35 -0.85	74.38 2.02 -0.30	74.14 1.65 -0.64	74.87 1.58 -1.59
ONONDAGA_REF_OCCRA 23987	82.14 -0.97 -1.90	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	70.99 -1.01 0.00	71.43 -0.79 -0.08	87.14 -0.44 -0.33	93.71 -0.35 -6.10	89.08 -0.53 -1.37	77.06 -0.81 -4.23	73.60 -0.93 -2.82	72.95 -1.08 -2.32	72.34 -1.22 -1.71	71.94 -1.22 -1.39	71.43 -1.15 -0.80	73.36 -1.01 -2.45	73.18 -0.79 -2.05	88.17 -0.50 -5.97	86.12 -0.48 -6.04	75.10 -0.51 -3.31	77.15 -0.61 -2.07	71.87 -0.94 -0.75	72.29 -1.15 -1.59	73.89 -1.22 -3.41
ONONDAGA___COGEN 23986	82.00 -0.97 -1.76	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.07	87.12 -0.44 -0.31	93.28 -0.35 -5.66	88.99 -0.53 -1.27	76.37 -0.88 -3.61	73.39 -0.93 -2.62	72.66 -1.15 -2.11	72.15 -1.29 -1.59	71.84 -1.22 -1.29	71.37 -1.15 -0.75	73.12 -1.01 -2.21	73.03 -0.79 -1.91	87.75 -0.50 -5.55	85.45 -0.48 -5.36	74.79 -0.58 -3.08	76.59 -0.61 -1.51	71.66 -0.94 -0.54	71.85 -1.15 -1.15	73.31 -1.22 -2.83
ONTARIO___LFGE 23819	82.26 -1.46 -2.51	71.73 -1.73 -1.53	71.21 -1.93 -1.44	71.49 -1.72 -1.44	72.58 -1.29 -1.87	73.49 -1.16 -2.50	89.64 -0.43 -2.83	106.95 -0.88 -19.86	99.46 -0.88 -12.09	81.28 -1.55 -9.19	76.53 -2.65 -7.47	75.45 -2.65 -6.40	74.46 -2.66 -5.27	74.26 -2.80 -5.28	72.99 -2.73 -3.94	76.04 -2.37 -6.49	79.48 -1.87 -9.43	100.32 -1.49 -19.11	96.70 -1.29 -17.42	84.06 -1.30 -13.06	77.18 -1.13 -2.63	72.71 -1.80 -2.45	72.23 -2.15 -2.53	72.07 -2.15 -2.52
ORANGEVILLE_WT_PWR 323706	77.25 -7.15 -3.19	67.15 -6.76 -1.98	66.68 -6.88 -1.87	67.04 -6.60 -1.86	68.16 -6.26 -2.42	68.68 -6.71 -3.23	83.14 -7.77 -3.66	31.93 -8.27 47.77	49.28 -7.15 31.82	44.77 -7.66 21.21	43.37 -8.75 19.59	43.24 -8.61 19.85	46.44 -8.77 16.64	42.79 -8.90 20.09	45.55 -8.90 17.32	43.37 -8.49 20.06	41.90 -8.49 21.54	28.80 -9.51 44.39	28.02 -9.02 43.53	32.85 -8.10 31.35	72.09 -7.34 -3.75	68.01 -7.35 -3.30	67.78 -7.62 -3.55	67.79 -7.38 -3.48
ORANGEVILLE___ESR 323794	77.25 -7.15 -3.19	67.15 -6.76 -1.98	66.68 -6.88 -1.87	67.04 -6.60 -1.86	68.16 -6.26 -2.42	68.68 -6.71 -3.23	83.14 -7.77 -3.66	31.93 -8.27 47.77	49.28 -7.15 31.82	44.77 -7.66 21.21	43.37 -8.75 19.59	43.24 -8.61 19.85	46.44 -8.77 16.64	42.79 -8.90 20.09	45.55 -8.90 17.32	43.37 -8.49 20.06	41.90 -8.49 21.54	28.80 -9.51 44.39	28.02 -9.02 43.53	32.85 -8.10 31.35	72.09 -7.34 -3.75	68.01 -7.35 -3.30	67.78 -7.62 -3.55	67.79 -7.38 -3.48
OSWEGATCHIE___HYD 24044	81.42 -0.24 -0.44	71.86 -0.07 0.00	71.63 -0.07 0.00	71.63 -0.14 0.00	71.79 -0.22 0.00	71.95 -0.22 -0.02	86.54 -0.79 -0.08	89.04 -0.35 -1.42	88.04 -0.53 -0.32	74.04 -0.51 -0.91	72.30 -0.07 -0.66	72.09 -0.14 -0.53	71.96 -0.29 -0.40	71.81 -0.29 -0.32	71.68 -0.29 -0.19	71.97 -0.50 -0.56	72.04 -0.36 -0.48	83.93 -0.17 -1.40	81.68 -0.24 -1.35	72.78 -0.29 -0.77	75.54 -0.53 -0.38	71.91 -0.29 -0.14	71.99 -0.14 -0.29	72.55 0.14 -0.71
OSWEGO___5 23606	80.02 -2.43 -1.24	69.64 -2.30 -0.01	69.26 -2.44 0.00	69.41 -2.37 0.00	69.77 -2.23 0.00	70.11 -2.09 -0.05	85.19 -2.27 -0.21	89.66 -2.29 -3.97	86.76 -2.38 -0.89	73.97 -2.21 -2.53	70.89 -2.65 -1.84	70.60 -2.58 -1.48	70.45 -2.52 -1.12	70.10 -2.58 -0.90	69.72 -2.58 -0.52	71.02 -2.45 -1.55	70.81 -2.45 -1.34	84.03 -2.56 -3.89	81.83 -2.50 -3.76	72.28 -2.17 -2.16	74.55 -2.20 -1.06	70.13 -2.31 -0.38	70.21 -2.44 -0.81	71.32 -2.36 -1.99

OSWEGO___6 23613	80.02 -2.43 -1.24	69.64 -2.30 -0.01	69.26 -2.44 0.00	69.41 -2.37 0.00	69.77 -2.23 0.00	70.11 -2.09 -0.05	85.19 -2.27 -0.21	89.66 -2.29 -3.97	86.76 -2.38 -0.89	73.97 -2.21 -2.53	70.89 -2.65 -1.84	70.60 -2.58 -1.48	70.45 -2.52 -1.12	70.10 -2.58 -0.90	69.72 -2.58 -0.52	71.02 -2.45 -1.55	70.81 -2.45 -1.34	84.03 -2.56 -3.89	81.83 -2.50 -3.76	72.28 -2.17 -2.16	74.55 -2.20 -1.06	70.13 -2.31 -0.38	70.21 -2.44 -0.81	71.32 -2.36 -1.99
OUTOKUMPU-AB___DRP 24206	76.60 -7.31 -2.69	66.74 -6.83 -1.65	66.15 -7.10 -1.55	66.58 -6.75 -1.55	67.68 -6.34 -2.01	68.42 -6.42 -2.69	82.35 -7.94 -3.05	75.71 -8.18 4.08	76.65 -8.38 3.21	65.35 -7.14 1.15	63.23 -6.38 2.09	61.59 -7.31 2.80	61.49 -7.90 2.46	60.32 -7.82 3.64	60.64 -7.61 3.53	61.51 -7.62 2.79	62.40 -8.13 1.39	70.10 -9.01 3.58	68.11 -8.62 3.84	61.95 -7.88 2.47	71.05 -8.10 -3.46	66.72 -8.22 -2.87	66.81 -8.26 -3.23	67.24 -7.67 -3.21
OXBOW___BTM 323836	76.34 -7.55 -2.67	66.52 -7.05 -1.63	65.92 -7.31 -1.54	66.28 -7.03 -1.53	67.44 -6.55 -1.99	68.18 -6.64 -2.66	81.80 -8.46 -3.02	75.59 -8.53 3.85	76.59 -8.47 3.19	65.09 -7.51 1.04	59.67 -10.04 2.00	59.53 -9.47 2.70	59.92 -9.56 2.37	58.33 -9.91 3.54	58.36 -9.97 3.44	59.95 -9.28 2.69	60.19 -10.36 1.37	67.34 -11.99 3.36	65.59 -11.36 3.62	60.04 -9.83 2.42	70.28 -8.86 -3.45	66.12 -8.79 -2.85	65.93 -9.13 -3.21	66.79 -8.10 -3.20
OXBOW____ 24026	76.33 -7.55 -2.67	66.51 -7.05 -1.63	65.92 -7.31 -1.54	66.28 -7.03 -1.53	67.37 -6.62 -1.99	68.18 -6.64 -2.66	81.80 -8.46 -3.02	75.58 -8.53 3.85	75.88 -9.18 3.19	65.17 -7.44 1.04	63.04 -6.67 2.00	61.33 -7.67 2.70	61.00 -8.48 2.37	59.91 -8.33 3.54	60.22 -8.11 3.44	61.03 -8.20 2.69	61.84 -8.70 1.37	69.90 -9.43 3.36	67.84 -9.10 3.62	61.41 -8.46 2.42	70.43 -8.70 -3.45	66.12 -8.79 -2.85	66.22 -8.84 -3.21	66.79 -8.10 -3.20
OXY_CHEM_DSASP 323612	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.82 -1.52	65.83 -7.46 -1.52	66.85 -7.13 -1.97	67.79 -7.00 -2.64	80.90 -9.34 -2.99	75.15 -9.24 3.59	74.79 -10.32 3.13	64.72 -8.03 0.89	62.58 -7.24 1.88	60.79 -8.32 2.59	60.23 -9.34 2.28	59.16 -9.19 3.43	59.46 -8.97 3.35	60.35 -8.99 2.58	61.03 -9.57 1.33	69.49 -10.09 3.12	67.28 -9.91 3.38	60.62 -9.33 2.35	69.50 -9.61 -3.43	65.23 -9.66 -2.83	65.33 -9.70 -3.19	66.13 -8.75 -3.18
OZONE_PARK_ESR 323760	104.77 6.17 -17.38	87.43 5.39 -10.11	86.38 5.16 -9.52	86.50 5.24 -9.48	89.67 5.33 -12.34	96.57 5.48 -18.94	117.87 7.07 -23.56	166.79 7.21 -71.60	137.29 7.94 -41.10	124.29 6.77 -43.87	104.19 6.67 -25.81	99.17 6.67 -20.80	94.21 6.68 -15.68	91.13 6.68 -12.68	85.87 6.75 -7.35	100.17 6.47 -21.77	112.90 6.40 -34.58	160.71 7.53 -70.49	156.62 7.41 -68.63	125.69 6.58 -46.82	113.07 6.74 -30.64	99.29 6.13 -21.10	105.00 6.04 -27.12	105.08 5.45 -27.94
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.82 -1.52	65.83 -7.46 -1.52	66.85 -7.13 -1.97	67.79 -7.00 -2.64	80.90 -9.34 -2.99	75.15 -9.24 3.59	74.79 -10.32 3.13	64.72 -8.03 0.89	62.58 -7.24 1.88	60.79 -8.32 2.59	60.23 -9.34 2.28	59.16 -9.19 3.43	59.46 -8.97 3.35	60.35 -8.99 2.58	61.03 -9.57 1.33	69.49 -10.09 3.12	67.28 -9.91 3.38	60.62 -9.33 2.35	69.50 -9.61 -3.43	65.23 -9.66 -2.83	65.33 -9.70 -3.19	66.13 -8.75 -3.18
PACKARD__115KV_DUPONT_184 80571	75.74 -8.12 -2.65	66.14 -7.41 -1.62	65.41 -7.82 -1.52	65.83 -7.46 -1.52	66.85 -7.13 -1.97	67.79 -7.00 -2.64	80.90 -9.34 -2.99	75.15 -9.24 3.59	74.79 -10.32 3.13	64.72 -8.03 0.89	62.58 -7.24 1.88	60.79 -8.32 2.59	60.23 -9.34 2.28	59.16 -9.19 3.43	59.46 -8.97 3.35	60.35 -8.99 2.58	61.03 -9.57 1.33	69.49 -10.09 3.12	67.28 -9.91 3.38	60.62 -9.33 2.35	69.50 -9.61 -3.43	65.23 -9.66 -2.83	65.33 -9.70 -3.19	66.13 -8.75 -3.18
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	103.80 5.20 -17.39	86.64 4.60 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.49	88.88 4.54 -12.34	95.71 4.62 -18.94	116.56 5.76 -23.56	165.47 5.89 -71.61	136.06 6.71 -41.10	123.26 5.74 -43.88	103.33 5.81 -25.81	98.31 5.81 -20.80	93.42 5.89 -15.68	90.34 5.89 -12.68	85.08 5.96 -7.35	99.38 5.68 -21.78	112.04 5.54 -34.59	159.64 6.45 -70.50	155.49 6.28 -68.64	124.83 5.71 -46.82	112.16 5.83 -30.65	98.42 5.26 -21.10	104.21 5.24 -27.12	104.37 4.73 -27.94
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	104.61 6.01 -17.39	87.36 5.32 -10.11	86.31 5.09 -9.52	86.43 5.17 -9.49	89.60 5.26 -12.34	96.36 5.27 -18.94	117.35 6.54 -23.56	166.27 6.69 -71.61	136.76 7.41 -41.10	123.78 6.26 -43.88	103.83 6.31 -25.81	98.81 6.31 -20.80	93.92 6.39 -15.68	90.85 6.39 -12.68	85.59 6.46 -7.35	99.88 6.19 -21.78	112.62 6.11 -34.59	160.22 7.03 -70.50	156.14 6.93 -68.64	125.33 6.22 -46.82	112.69 6.36 -30.65	98.86 5.69 -21.10	104.72 5.75 -27.12	104.87 5.23 -27.94
PATROON__115KV_TB1 80586	106.13 3.49 -21.42	105.98 3.09 -30.95	104.22 3.08 -29.44	104.20 3.09 -29.33	113.26 3.10 -38.17	141.71 2.96 -66.60	176.10 3.32 -85.54	208.85 3.25 -117.63	199.40 3.71 -107.44	146.16 3.02 -69.50	106.59 3.08 -31.80	100.41 3.08 -25.63	94.33 3.16 -19.32	90.63 3.23 -15.62	83.77 2.94 -9.06	101.70 2.95 -26.83	146.52 2.59 -72.02	201.77 2.81 -116.27	197.28 2.74 -113.97	163.15 2.46 -88.40	145.42 2.57 -67.16	130.20 2.74 -55.40	137.61 2.95 -62.82	109.06 2.94 -34.42
PATTRSNVILLE__SOLAR 323815	107.69 3.90 -22.57	121.44 3.45 -46.05	118.95 3.37 -43.88	118.95 3.45 -43.73	132.43 3.53 -56.90	177.58 3.61 -101.82	223.37 4.53 -131.59	237.86 4.57 -145.32	247.57 4.76 -154.56	161.48 3.39 -84.45	108.02 2.79 -33.51	101.37 2.65 -27.01	94.79 2.58 -20.36	90.82 2.58 -16.46	84.19 2.87 -9.54	103.43 3.24 -28.27	172.76 3.59 -97.25	230.95 4.38 -143.87	226.30 4.27 -141.46	191.66 3.90 -115.46	171.90 4.08 -92.13	155.40 3.60 -79.74	162.85 3.45 -87.55	111.27 3.30 -36.28
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	76.04 -8.12 -2.95	66.48 -7.26 -1.82	66.96 -6.45 -1.71	67.31 -6.17 -1.71	68.46 -5.76 -2.22	67.76 -7.36 -2.97	82.14 -8.46 -3.36	74.96 -9.06 3.95	80.39 -4.50 3.36	64.56 -7.95 1.13	62.23 -7.39 2.09	61.50 -7.31 2.89	64.36 -4.96 2.53	63.09 -4.88 3.81	63.39 -4.67 3.72	64.36 -4.67 2.88	65.55 -4.96 1.40	70.56 -8.77 3.37	69.86 -6.93 3.78	64.85 -4.92 2.52	72.08 -7.34 -3.73	68.14 -7.06 -3.14	68.08 -7.26 -3.49	66.97 -8.17 -3.45
PAWLING_115_KV_BK3_REV_LBMP_H 345028	104.87 6.09 -17.57	87.52 5.32 -10.27	86.60 5.23 -9.67	86.65 5.24 -9.63	89.86 5.33 -12.54	96.82 5.41 -19.26	118.10 6.89 -23.96	167.71 7.30 -72.44	137.79 7.85 -41.69	124.28 6.26 -44.38	103.74 5.95 -26.08	98.81 6.09 -21.02	93.73 6.04 -15.84	90.55 5.96 -12.81	85.30 6.10 -7.43	99.89 5.97 -22.00	113.13 6.19 -35.03	161.54 7.53 -71.31	157.42 7.41 -69.44	126.20 6.51 -47.40	113.40 6.66 -31.05	99.52 6.05 -21.40	105.08 5.75 -27.48	105.24 5.31 -28.23
PEEKSKILL____ 23653	103.29 4.87 -17.21	86.25 4.32 -10.01	85.28 4.16 -9.42	85.32 4.16 -9.39	88.53 4.32 -12.21	95.22 4.33 -18.74	116.15 5.59 -23.31	164.55 5.71 -70.87	135.28 6.36 -40.68	122.29 5.23 -43.42	102.35 5.09 -25.54	97.38 5.09 -20.59	92.47 5.10 -15.52	89.42 5.10 -12.55	84.22 5.17 -7.27	98.50 5.03 -21.55	111.11 4.96 -34.23	158.42 5.96 -69.77	154.38 5.88 -67.93	123.84 5.21 -46.34	111.39 5.37 -30.33	97.85 4.90 -20.88	103.43 4.74 -26.84	103.65 4.30 -27.65

PGE MADISON___WINDPWR 24146	92.44 5.85 -5.37	81.73 5.18 -4.62	80.95 4.88 -4.37	81.23 5.10 -4.35	83.14 5.47 -5.67	87.32 6.06 -9.11	106.56 7.94 -11.38	124.46 8.80 -27.69	116.25 8.74 -19.26	96.63 4.93 -18.06	84.68 3.73 -9.25	83.06 3.44 -7.92	81.16 3.45 -5.86	80.17 3.30 -5.09	78.40 3.37 -3.25	84.08 3.81 -8.35	91.19 4.75 -14.53	116.34 6.53 -27.12	114.85 6.36 -27.92	96.90 5.57 -19.04	95.28 5.37 -14.22	86.52 4.68 -9.78	88.34 3.88 -12.61	85.79 3.58 -10.51
PIERCEFIELD___HYD 23852	80.56 -0.65 0.00	71.64 -0.29 0.00	71.56 -0.14 0.00	71.49 -0.29 0.00	71.50 -0.50 0.00	71.21 -0.94 0.00	84.98 -2.27 0.00	85.68 -2.29 0.00	85.51 -2.74 0.00	72.09 -1.55 0.00	70.56 -1.15 0.00	70.69 -1.00 0.00	70.91 -0.93 0.00	70.77 -1.00 0.00	70.63 -1.15 0.00	70.19 -1.73 0.00	70.19 -1.73 0.00	80.22 -2.48 0.00	78.31 -2.26 0.00	70.34 -1.95 0.00	73.64 -2.04 0.00	70.69 -1.37 0.00	71.06 -0.79 0.00	71.41 -0.29 0.00
PINELAWN_CC_1 323563	105.50 6.82 -17.46	104.36 6.04 -26.39	101.75 5.88 -24.17	101.75 5.95 -24.02	100.23 6.05 -22.18	107.82 6.13 -29.54	134.18 7.94 -38.99	167.12 7.57 -71.58	142.36 8.74 -45.37	124.42 6.92 -43.86	104.54 7.03 -25.80	98.87 6.38 -20.80	94.06 6.54 -15.67	91.05 6.60 -12.68	91.37 7.18 -12.42	111.25 7.05 -32.28	146.24 6.90 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.62 7.09 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.29 6.68 -45.76	105.37 5.74 -27.93
PJM_GEN_HTP_PROXY 323702	104.04 5.44 -17.38	86.78 4.75 -10.11	85.81 4.59 -9.52	85.92 4.66 -9.48	89.09 4.75 -12.34	95.92 4.83 -18.94	117.09 6.29 -23.55	165.90 6.34 -71.59	136.41 7.06 -41.10	123.47 5.96 -43.87	103.40 5.88 -25.81	98.38 5.88 -20.80	93.42 5.89 -15.68	90.34 5.89 -12.68	85.08 5.95 -7.35	99.45 5.76 -21.77	112.11 5.61 -34.58	159.80 6.62 -70.48	155.64 6.45 -68.63	124.89 5.79 -46.82	112.31 5.98 -30.64	98.57 5.41 -21.10	104.28 5.32 -27.11	104.44 4.80 -27.93
PJM_GEN_KEystone 24065	44.51 -0.81 35.89	42.50 -0.86 28.57	42.96 -0.79 27.95	41.58 -0.65 29.55	42.13 -0.50 29.37	45.67 -0.79 25.69	57.50 -0.61 29.14	86.00 -0.88 1.09	59.03 0.44 22.19	50.86 -0.59 22.19	46.80 -0.72 24.19	44.10 -0.72 26.88	41.80 -0.79 29.26	40.40 -0.79 30.59	40.00 -0.58 31.20	41.20 -0.65 30.07	45.19 -0.65 26.08	64.80 -0.57 17.32	60.02 -0.56 19.99	52.98 -0.65 18.66	54.50 -0.53 20.66	52.30 -0.72 19.04	49.56 -0.86 21.43	46.28 -1.15 24.27
PJM_GEN_NEPTUNE_PROXY 323594	104.57 5.93 -17.43	96.04 5.25 -18.86	94.18 5.09 -17.39	94.24 5.17 -17.29	94.88 5.25 -17.63	102.12 5.34 -24.64	125.90 6.81 -31.85	166.15 6.60 -71.58	139.23 7.59 -43.39	123.61 6.11 -43.86	103.68 6.17 -25.80	98.23 5.74 -20.80	93.41 5.89 -15.67	90.34 5.89 -12.68	88.16 6.32 -10.07	105.44 6.11 -27.41	130.18 6.04 -52.22	175.26 7.11 -85.46	170.16 6.93 -82.66	150.73 6.14 -72.29	131.78 6.43 -49.66	117.13 5.91 -39.16	114.73 5.75 -37.13	104.57 4.94 -27.93
PJM_GEN_VFT_PROXY 323633	39.61 4.95 46.56	46.11 4.32 30.13	46.11 4.16 29.75	46.11 4.23 29.90	46.11 4.32 30.21	46.11 4.40 30.44	46.11 5.76 46.89	48.44 5.80 45.34	45.40 6.53 49.38	42.12 5.59 37.11	39.05 5.52 38.18	36.45 5.60 40.84	33.84 5.61 43.62	31.97 5.53 45.33	30.90 5.67 46.55	31.94 5.32 45.30	39.99 5.11 37.04	19.60 6.03 69.13	18.83 5.96 67.70	16.95 5.27 60.62	15.96 5.45 65.18	37.71 4.97 39.32	41.22 4.95 35.58	46.11 4.45 30.04
PLATSBURG_115KV_PMLD1 355749	80.48 -0.73 0.00	71.35 -0.58 0.00	71.27 -0.43 0.00	71.06 -0.72 0.00	70.99 -1.01 0.00	70.42 -1.73 0.00	84.45 -2.79 0.00	85.33 -2.64 0.00	85.07 -3.18 0.00	71.51 -2.14 0.00	69.49 -2.22 0.00	69.55 -2.15 0.00	69.69 -2.16 0.00	69.55 -2.23 0.00	69.34 -2.44 0.00	69.33 -2.59 0.00	69.40 -2.52 0.00	79.22 -3.47 0.00	77.43 -3.14 0.00	69.47 -2.82 0.00	72.89 -2.80 0.00	69.76 -2.31 0.00	69.69 -2.16 0.00	70.48 -1.22 0.00
PLEASANTVLY___LBMP 24000	104.13 4.79 -18.12	86.68 4.17 -10.58	85.75 4.09 -9.96	85.79 4.09 -9.93	89.09 4.18 -12.92	96.25 4.26 -19.84	117.35 5.41 -24.69	168.12 5.45 -74.70	137.31 6.09 -42.97	124.41 5.01 -45.76	103.48 4.88 -26.90	98.26 4.88 -21.68	93.07 4.89 -16.34	89.87 4.88 -13.22	84.39 4.95 -7.66	99.50 4.89 -22.69	112.85 4.82 -36.11	161.94 5.71 -73.54	157.73 5.56 -71.60	126.15 4.99 -48.87	112.77 5.07 -32.01	98.81 4.68 -22.06	104.78 4.60 -28.33	104.97 4.16 -29.12
PLSNTVLE_13_KV_13.8KVDIST 80602	104.01 5.28 -17.51	86.71 4.60 -10.18	85.73 4.45 -9.58	85.85 4.52 -9.55	89.04 4.61 -12.43	95.91 4.69 -19.07	116.98 6.02 -23.72	166.16 6.07 -72.12	136.34 6.71 -41.39	123.43 5.60 -44.19	103.16 5.45 -26.00	98.10 5.45 -20.95	93.10 5.46 -15.79	90.00 5.46 -12.77	84.78 5.60 -7.40	99.32 5.47 -21.93	112.14 5.39 -34.83	160.06 6.37 -71.00	155.98 6.28 -69.13	125.02 5.57 -47.16	112.23 5.68 -30.86	98.50 5.19 -21.25	104.19 5.03 -27.31	104.36 4.52 -28.14
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	104.01 5.28 -17.51	86.71 4.60 -10.18	85.73 4.45 -9.58	85.85 4.52 -9.55	89.04 4.61 -12.43	95.91 4.69 -19.07	116.98 6.02 -23.72	166.16 6.07 -72.12	136.34 6.71 -41.39	123.43 5.60 -44.19	103.16 5.45 -26.00	98.10 5.45 -20.95	93.10 5.46 -15.79	90.00 5.46 -12.77	84.78 5.60 -7.40	99.32 5.47 -21.93	112.14 5.39 -34.83	160.06 6.37 -71.00	155.98 6.28 -69.13	125.02 5.57 -47.16	112.23 5.68 -30.86	98.50 5.19 -21.25	104.19 5.03 -27.31	104.36 4.52 -28.14
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	104.50 5.52 -17.77	87.39 4.82 -10.64	86.38 4.66 -10.03	86.50 4.74 -9.99	89.82 4.82 -13.00	97.14 4.91 -20.09	118.56 6.28 -25.03	168.24 6.60 -73.67	138.36 7.15 -42.96	124.48 5.74 -45.10	103.46 5.38 -26.38	98.41 5.45 -21.26	93.26 5.39 -16.02	90.12 5.38 -12.96	84.81 5.53 -7.51	99.64 5.47 -22.25	113.44 5.68 -35.84	162.01 6.78 -72.53	157.89 6.69 -70.64	126.52 5.86 -48.37	113.48 5.98 -31.81	99.60 5.48 -22.06	105.30 5.24 -28.21	105.12 4.88 -28.55
POLETTI_____ 23519	103.88 5.28 -17.38	86.64 4.60 -10.11	85.66 4.45 -9.52	85.71 4.45 -9.48	88.95 4.61 -12.34	95.78 4.69 -18.94	115.74 6.11 -22.39	118.74 6.16 -24.61	115.74 6.88 -20.60	120.72 5.89 -41.19	99.61 5.88 -22.03	98.36 5.88 -20.79	93.40 5.89 -15.66	90.33 5.89 -12.66	85.07 5.96 -7.33	99.36 5.68 -21.76	101.57 5.47 -24.18	126.53 6.45 -37.38	126.61 6.36 -39.67	105.66 5.64 -27.73	102.46 5.75 -21.02	98.41 5.26 -21.09	99.61 5.24 -22.52	99.54 4.66 -23.18
POMONA___ESR 323819	102.61 4.63 -16.77	85.69 4.03 -9.74	84.74 3.87 -9.17	84.86 3.95 -9.14	87.92 4.03 -11.89	94.50 4.11 -18.24	115.16 5.23 -22.68	162.37 5.37 -69.04	133.85 6.00 -39.60	120.88 4.93 -42.30	101.40 4.81 -24.89	96.57 4.80 -20.06	91.78 4.81 -15.12	88.74 4.74 -12.23	83.75 4.88 -7.09	97.66 4.75 -21.00	110.00 4.75 -33.33	156.29 5.63 -67.96	152.30 5.55 -66.17	122.35 4.92 -45.14	110.30 5.07 -29.54	97.01 4.62 -20.33	102.44 4.46 -26.13	102.66 4.01 -26.94
PORT_JEFF_3 23555	105.58 6.90 -17.46	104.65 6.33 -26.39	102.04 6.17 -24.17	101.97 6.17 -24.02	100.52 6.34 -22.18	108.04 6.35 -29.54	134.44 8.20 -38.99	167.20 7.65 -71.58	142.53 8.91 -45.37	124.57 7.07 -43.86	104.83 7.32 -25.80	98.87 6.38 -20.80	94.20 6.68 -15.67	91.27 6.82 -12.68	91.73 7.53 -12.42	111.46 7.26 -32.28	146.39 7.05 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.83 7.30 -94.24	149.30 7.57 -66.04	133.84 7.07 -54.71	124.72 7.11 -45.76	105.65 6.02 -27.93

PORT_JEFF_4 23616	105.58 6.90 -17.46	104.65 6.33 -26.39	102.04 6.17 -24.17	101.97 6.17 -24.02	100.52 6.34 -22.18	108.04 6.35 -29.54	134.44 8.20 -38.99	167.20 7.65 -71.58	142.53 8.91 -45.37	124.57 7.07 -43.86	104.83 7.32 -25.80	98.87 6.38 -20.80	94.20 6.68 -15.67	91.27 6.82 -12.68	91.73 7.53 -12.42	111.46 7.26 -32.28	146.39 7.05 -67.42	189.24 8.19 -98.36	183.38 8.06 -94.76	173.83 7.30 -94.24	149.30 7.57 -66.04	133.84 7.07 -54.71	124.72 7.11 -45.76	105.65 6.02 -27.93
PORT_JEFF_IC 23713	105.83 7.15 -17.46	104.65 6.33 -26.39	102.11 6.24 -24.17	102.04 6.24 -24.02	100.52 6.34 -22.18	108.12 6.42 -29.54	134.53 8.29 -38.99	167.29 7.74 -71.58	142.62 9.00 -45.37	124.57 7.07 -43.86	104.75 7.24 -25.80	98.80 6.31 -20.80	94.13 6.61 -15.67	91.27 6.82 -12.68	91.95 7.75 -12.42	111.60 7.41 -32.28	146.53 7.19 -67.42	189.24 8.19 -98.36	183.46 8.14 -94.76	173.98 7.45 -94.24	149.37 7.64 -66.04	133.90 7.13 -54.71	124.72 7.11 -45.76	105.72 6.09 -27.93
PPL_PILGRIM_ST_GT1 24216	105.99 7.31 -17.46	104.87 6.54 -26.39	102.25 6.38 -24.17	102.18 6.39 -24.02	100.73 6.55 -22.18	108.33 6.63 -29.54	134.88 8.64 -38.99	167.47 7.92 -71.58	142.97 9.35 -45.37	124.86 7.36 -43.86	105.11 7.60 -25.80	99.31 6.81 -20.80	94.57 7.05 -15.67	91.63 7.18 -12.68	92.02 7.82 -12.42	111.82 7.62 -32.28	146.74 7.41 -67.42	189.65 8.60 -98.36	183.70 8.38 -94.76	173.98 7.45 -94.24	149.53 7.80 -66.04	134.12 7.35 -54.71	124.86 7.25 -45.76	105.94 6.31 -27.93
PPL_PILGRIM_ST_GT2 24217	105.99 7.31 -17.46	104.87 6.54 -26.39	102.25 6.38 -24.17	102.18 6.39 -24.02	100.73 6.55 -22.18	108.33 6.63 -29.54	134.88 8.64 -38.99	167.47 7.92 -71.58	142.97 9.35 -45.37	124.86 7.36 -43.86	105.11 7.60 -25.80	99.31 6.81 -20.80	94.57 7.05 -15.67	91.63 7.18 -12.68	92.02 7.82 -12.42	111.82 7.62 -32.28	146.74 7.41 -67.42	189.65 8.60 -98.36	183.70 8.38 -94.76	173.98 7.45 -94.24	149.53 7.80 -66.04	134.12 7.35 -54.71	124.86 7.25 -45.76	105.94 6.31 -27.93
PPL_SHRM_GT3 24213	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.97 6.27 -29.54	134.26 8.02 -38.99	167.03 7.47 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	91.95 7.75 -12.42	111.25 7.05 -32.28	146.09 6.76 -67.42	189.32 8.27 -98.36	183.46 8.13 -94.76	173.76 7.23 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.44 6.83 -45.76	105.37 5.74 -27.93
PPL_SHRM_GT4 24214	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.97 6.27 -29.54	134.26 8.02 -38.99	167.03 7.47 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	91.95 7.75 -12.42	111.25 7.05 -32.28	146.09 6.76 -67.42	189.32 8.27 -98.36	183.46 8.13 -94.76	173.76 7.23 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.44 6.83 -45.76	105.37 5.74 -27.93
PROJECT___ORANGE 1 24174	81.31 -1.46 -1.56	70.43 -1.51 -0.02	70.05 -1.65 0.00	70.20 -1.58 0.00	70.63 -1.37 0.00	70.99 -1.23 -0.06	86.56 -0.96 -0.27	92.08 -0.88 -4.99	88.31 -1.06 -1.12	75.57 -1.25 -3.18	72.73 -1.29 -2.31	72.13 -1.43 -1.86	71.60 -1.65 -1.40	71.33 -1.58 -1.13	70.93 -1.51 -0.66	72.43 -1.44 -1.95	72.38 -1.22 -1.68	86.60 -0.99 -4.89	84.25 -1.05 -4.73	73.99 -1.01 -2.71	75.96 -1.06 -1.33	71.17 -1.37 -0.47	71.28 -1.58 -1.01	72.55 -1.65 -2.50
PROJECT___ORANGE 2 24166	81.31 -1.46 -1.56	70.43 -1.51 -0.02	70.05 -1.65 0.00	70.20 -1.58 0.00	70.63 -1.37 0.00	70.99 -1.23 -0.06	86.56 -0.96 -0.27	92.08 -0.88 -4.99	88.31 -1.06 -1.12	75.57 -1.25 -3.18	72.73 -1.29 -2.31	72.13 -1.43 -1.86	71.60 -1.65 -1.40	71.33 -1.58 -1.13	70.93 -1.51 -0.66	72.43 -1.44 -1.95	72.38 -1.22 -1.68	86.60 -0.99 -4.89	84.25 -1.05 -4.73	73.99 -1.01 -2.71	75.96 -1.06 -1.33	71.17 -1.37 -0.47	71.28 -1.58 -1.01	72.55 -1.65 -2.50
PUCKETT___SOLAR 323809	88.17 1.22 -5.73	77.10 0.87 -4.31	76.56 0.79 -4.07	76.84 1.00 -4.06	78.50 1.22 -5.28	81.82 1.30 -8.37	99.77 2.09 -10.44	115.41 2.28 -25.16	107.38 2.64 -16.48	89.58 0.66 -15.28	80.29 0.07 -8.51	78.41 -0.14 -6.86	76.80 -0.21 -5.17	75.74 -0.21 -4.18	74.27 0.07 -2.42	79.46 0.36 -7.18	85.88 1.01 -12.95	109.18 1.74 -24.75	106.44 1.69 -24.18	90.72 1.37 -17.06	88.63 1.29 -11.65	81.44 0.87 -8.51	82.91 0.57 -10.49	81.20 0.29 -9.21
PYRITES___HYD 24023	81.78 0.57 0.00	72.79 0.86 0.00	72.77 1.08 0.00	72.71 0.93 0.00	72.65 0.65 0.00	72.58 0.43 0.00	86.72 -0.52 0.00	87.71 -0.26 0.00	87.45 -0.79 0.00	73.42 -0.22 0.00	71.64 -0.07 0.00	71.84 0.14 0.00	72.14 0.29 0.00	71.92 0.14 0.00	71.78 0.00 0.00	71.49 -0.43 0.00	71.63 -0.29 0.00	81.87 -0.83 0.00	79.92 -0.64 0.00	71.86 -0.43 0.00	75.08 -0.61 0.00	72.06 0.00 0.00	72.21 0.36 0.00	72.56 0.86 0.00
QUAKERRD_115KV_BK1 80622	78.71 -4.55 -2.05	67.56 -4.39 -0.02	66.82 -4.88 0.00	67.04 -4.74 0.00	67.54 -4.46 0.00	68.27 -3.97 -0.08	83.24 -4.36 -0.35	89.97 -4.57 -6.57	83.90 -5.82 -1.47	72.85 -4.42 -3.63	70.59 -4.16 -3.04	69.19 -4.88 -2.36	67.87 -5.82 -1.85	67.53 -5.74 -1.49	67.04 -5.60 -0.87	68.82 -5.54 -2.44	68.66 -5.47 -2.21	84.29 -4.88 -6.47	81.11 -5.24 -5.78	70.66 -5.21 -3.57	72.04 -4.62 -0.97	67.42 -4.97 -0.33	67.39 -5.17 -0.72	69.64 -4.73 -2.67
QUENSBRY_115KV_TB8 356137	110.66 7.47 -21.97	122.57 6.62 -44.02	120.24 6.60 -41.94	120.24 6.68 -41.79	133.15 6.77 -54.38	175.94 6.78 -97.00	220.99 8.55 -125.20	236.75 8.62 -140.16	245.13 9.00 -147.88	162.24 7.07 -81.53	110.71 6.38 -32.62	104.15 6.17 -26.29	97.77 6.11 -19.81	93.83 6.03 -16.02	87.24 6.17 -9.29	105.98 6.54 -27.52	172.20 6.90 -93.37	229.48 8.02 -138.76	224.79 7.82 -136.41	190.49 7.16 -111.04	171.27 7.19 -88.39	155.10 6.70 -76.33	162.18 6.39 -83.94	113.31 6.31 -35.31
RAMAPO___LBMP 323565	102.31 4.39 -16.71	85.45 3.81 -9.71	84.56 3.73 -9.14	84.61 3.73 -9.10	87.66 3.82 -11.85	94.22 3.90 -18.17	114.90 5.06 -22.60	161.89 5.10 -68.81	133.45 5.74 -39.47	120.52 4.71 -42.16	101.11 4.59 -24.81	96.29 4.59 -20.00	91.52 4.60 -15.07	88.56 4.59 -12.19	83.58 4.74 -7.07	97.45 4.60 -20.93	109.67 4.53 -33.22	155.81 5.38 -67.74	151.85 5.32 -65.96	121.98 4.70 -44.99	109.97 4.84 -29.44	96.72 4.40 -20.26	102.13 4.24 -26.05	102.36 3.80 -26.86
RANKINE____ 23646	76.69 -7.39 -2.87	66.79 -6.91 -1.76	66.55 -6.81 -1.66	66.97 -6.46 -1.66	68.11 -6.05 -2.16	68.32 -6.71 -2.88	82.74 -7.76 -3.26	72.36 -8.45 7.16	75.79 -6.97 5.48	63.54 -7.51 2.59	61.54 -6.81 3.35	60.23 -7.38 4.08	61.28 -7.04 3.52	59.96 -6.89 4.92	60.40 -6.75 4.63	61.14 -6.69 4.09	61.94 -7.05 2.93	67.36 -8.93 6.40	65.83 -8.06 6.68	60.74 -6.87 4.68	71.74 -7.57 -3.62	67.61 -7.49 -3.04	67.62 -7.62 -3.39	67.45 -7.60 -3.36
RAVENSWOOD_GT2_1 24244	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.47 5.95 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94

RAVENSWOOD_GT2_2 24245	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.47 5.95 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
RAVENSWOOD_GT2_3 24246	104.12 5.52 -17.39	86.93 4.89 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.17 6.37 -23.56	166.00 6.42 -71.61	136.50 7.15 -41.10	123.55 6.04 -43.88	103.54 6.02 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.59 5.90 -21.78	112.26 5.75 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	125.05 5.93 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.43 5.46 -27.12	104.58 4.95 -27.94
RAVENSWOOD_GT2_4 24247	104.12 5.52 -17.39	86.93 4.89 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.17 6.37 -23.56	166.00 6.42 -71.61	136.50 7.15 -41.10	123.55 6.04 -43.88	103.54 6.02 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.59 5.90 -21.78	112.26 5.75 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	125.05 5.93 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.43 5.46 -27.12	104.58 4.95 -27.94
RAVENSWOOD_GT3_1 24248	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.54 6.02 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
RAVENSWOOD_GT3_2 24249	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.54 6.02 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
RAVENSWOOD_GT3_3 24250	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.07 4.98 -18.94	117.17 6.37 -23.56	166.09 6.51 -71.61	136.59 7.24 -41.10	123.63 6.11 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.63 6.11 -15.68	90.56 6.10 -12.68	85.30 6.17 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	160.06 6.86 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.47 6.13 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.58 4.95 -27.94
RAVENSWOOD_GT3_4 24251	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.07 4.98 -18.94	117.17 6.37 -23.56	166.09 6.51 -71.61	136.59 7.24 -41.10	123.63 6.11 -43.88	103.62 6.10 -25.81	98.60 6.09 -20.80	93.63 6.11 -15.68	90.56 6.10 -12.68	85.30 6.17 -7.35	99.66 5.97 -21.78	112.33 5.83 -34.59	160.06 6.86 -70.50	155.90 6.69 -68.64	125.12 6.00 -46.82	112.47 6.13 -30.65	98.71 5.55 -21.10	104.50 5.53 -27.12	104.58 4.95 -27.94
RAVENSWOOD_GT_1 23729	107.90 5.69 -21.00	89.50 5.04 -12.54	88.38 4.80 -11.88	88.52 4.88 -11.86	91.67 4.97 -14.71	98.43 4.98 -21.30	120.00 6.28 -26.47	169.98 6.42 -75.59	140.58 7.24 -45.09	128.56 6.19 -48.73	108.19 6.24 -30.24	103.14 6.24 -25.21	98.55 6.25 -20.45	95.72 6.24 -17.70	90.49 6.32 -12.40	104.74 6.04 -26.78	117.46 5.97 -39.57	171.81 6.95 -82.17	167.77 6.77 -80.44	134.32 6.07 -55.96	121.37 6.21 -39.48	103.17 5.62 -25.49	108.52 5.60 -31.07	104.72 5.09 -27.93
RAVENSWOOD_GT_10 24258	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.47 5.95 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
RAVENSWOOD_GT_11 24259	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.47 5.95 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
RAVENSWOOD_GT_4 24252	106.88 5.52 -20.14	88.71 4.82 -11.96	87.68 4.66 -11.32	87.81 4.74 -11.29	90.97 4.82 -14.14	97.80 4.91 -20.74	119.30 6.28 -25.77	169.03 6.42 -74.64	139.45 7.06 -44.14	127.25 6.04 -47.57	106.85 5.95 -29.19	101.81 5.95 -24.16	97.12 5.96 -19.31	94.24 5.96 -16.50	89.07 6.10 -11.19	103.33 5.83 -25.58	115.98 5.68 -38.38	168.78 6.70 -79.39	164.80 6.61 -77.62	131.93 5.86 -53.78	119.04 5.98 -37.37	101.98 5.48 -24.45	107.36 5.39 -30.12	104.51 4.88 -27.93
RAVENSWOOD_GT_5 24254	106.88 5.52 -20.14	88.71 4.82 -11.96	87.68 4.66 -11.32	87.81 4.74 -11.29	90.97 4.82 -14.14	97.80 4.91 -20.74	119.30 6.28 -25.77	169.03 6.42 -74.64	139.45 7.06 -44.14	127.25 6.04 -47.57	106.85 5.95 -29.19	101.81 5.95 -24.16	97.12 5.96 -19.31	94.24 5.96 -16.50	89.07 6.10 -11.19	103.33 5.83 -25.58	115.98 5.68 -38.38	168.78 6.70 -79.39	164.80 6.61 -77.62	131.93 5.86 -53.78	119.04 5.98 -37.37	101.98 5.48 -24.45	107.36 5.39 -30.12	104.51 4.88 -27.93
RAVENSWOOD_GT_6 24253	106.88 5.52 -20.14	88.71 4.82 -11.96	87.68 4.66 -11.32	87.81 4.74 -11.29	90.97 4.82 -14.14	97.80 4.91 -20.74	119.30 6.28 -25.77	169.03 6.42 -74.64	139.45 7.06 -44.14	127.25 6.04 -47.57	106.85 5.95 -29.19	101.81 5.95 -24.16	97.12 5.96 -19.31	94.24 5.96 -16.50	89.07 6.10 -11.19	103.33 5.83 -25.58	115.98 5.68 -38.38	168.78 6.70 -79.39	164.80 6.61 -77.62	131.93 5.86 -53.78	119.04 5.98 -37.37	101.98 5.48 -24.45	107.36 5.39 -30.12	104.51 4.88 -27.93
RAVENSWOOD_GT_7 24255	106.88 5.52 -20.14	88.71 4.82 -11.96	87.68 4.66 -11.32	87.81 4.74 -11.29	90.97 4.82 -14.14	97.80 4.91 -20.74	119.30 6.28 -25.77	169.03 6.42 -74.64	139.45 7.06 -44.14	127.25 6.04 -47.57	106.85 5.95 -29.19	101.81 5.95 -24.16	97.12 5.96 -19.31	94.24 5.96 -16.50	89.07 6.10 -11.19	103.33 5.83 -25.58	115.98 5.68 -38.38	168.78 6.70 -79.39	164.80 6.61 -77.62	131.93 5.86 -53.78	119.04 5.98 -37.37	101.98 5.48 -24.45	107.36 5.39 -30.12	104.51 4.88 -27.93
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.47 5.95 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94

RAVENSWOOD_GT_9 24257	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	165.91 6.33 -71.61	136.41 7.06 -41.10	123.55 6.04 -43.88	103.47 5.95 -25.81	98.53 6.02 -20.80	93.56 6.04 -15.68	90.49 6.03 -12.68	85.23 6.10 -7.35	99.52 5.83 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.82 6.61 -68.64	124.97 5.86 -46.82	112.31 5.98 -30.65	98.64 5.48 -21.10	104.36 5.39 -27.12	104.51 4.88 -27.94
RAVENSWOOD___1 23533	104.28 5.68 -17.39	87.00 4.96 -10.11	86.02 4.80 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.09 6.29 -23.56	166.00 6.42 -71.61	136.59 7.24 -41.10	123.62 6.11 -43.88	103.61 6.09 -25.81	98.59 6.09 -20.80	93.71 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.82 -34.59	160.05 6.86 -70.50	155.89 6.68 -68.64	125.11 6.00 -46.82	112.61 6.28 -30.65	98.79 5.62 -21.10	104.58 5.61 -27.12	104.73 5.09 -27.94
RAVENSWOOD___2 23534	104.20 5.60 -17.39	87.00 4.96 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.49	89.24 4.90 -12.34	96.00 4.91 -18.94	117.09 6.29 -23.56	166.00 6.42 -71.61	136.50 7.14 -41.10	123.62 6.11 -43.88	103.61 6.09 -25.81	98.59 6.09 -20.80	93.71 6.18 -15.68	90.55 6.10 -12.68	85.37 6.24 -7.35	99.66 5.97 -21.78	112.33 5.82 -34.59	160.05 6.86 -70.50	155.89 6.68 -68.64	125.11 6.00 -46.82	112.54 6.21 -30.65	98.71 5.55 -21.10	104.58 5.61 -27.12	104.73 5.09 -27.94
RAVENSWOOD___3 23535	104.13 5.53 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.49	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.29 -23.56	165.92 6.34 -71.61	136.50 7.14 -41.10	123.56 6.04 -43.88	103.47 5.95 -25.81	98.45 5.95 -20.80	93.49 5.96 -15.68	90.41 5.95 -12.68	85.22 6.10 -7.35	99.52 5.82 -21.78	112.19 5.68 -34.59	159.89 6.70 -70.50	155.73 6.52 -68.64	124.97 5.85 -46.82	112.39 6.06 -30.65	98.64 5.47 -21.10	104.36 5.39 -27.12	104.52 4.88 -27.94
RAVENSWOOD___4 23820	100.64 5.60 -13.83	84.61 4.96 -7.72	83.62 4.73 -7.19	83.73 4.81 -7.15	86.91 4.90 -10.02	93.67 4.91 -16.61	114.23 6.29 -20.69	161.99 6.34 -67.69	132.57 7.14 -37.17	118.84 6.11 -39.09	99.25 6.09 -21.45	94.26 6.09 -16.47	88.94 6.10 -10.98	85.61 6.10 -7.74	80.40 6.24 -2.38	94.73 5.97 -16.85	107.42 5.82 -29.68	148.48 6.78 -59.00	144.28 6.68 -57.02	116.12 6.00 -37.83	103.84 6.21 -21.95	94.39 5.55 -16.78	100.69 5.61 -23.23	104.74 5.09 -27.95
RCPL_TRUST___DRP 24196	104.12 5.52 -17.38	86.93 4.89 -10.11	85.95 4.73 -9.52	86.07 4.81 -9.48	89.24 4.90 -12.34	96.07 4.98 -18.94	117.34 6.54 -23.55	166.16 6.60 -71.59	136.67 7.32 -41.10	123.77 6.26 -43.87	103.68 6.17 -25.81	98.66 6.17 -20.80	93.70 6.18 -15.68	90.63 6.17 -12.68	85.37 6.24 -7.35	99.73 6.04 -21.77	112.40 5.90 -34.58	160.12 6.95 -70.48	155.96 6.77 -68.63	125.11 6.00 -46.82	112.46 6.13 -30.64	98.78 5.62 -21.10	104.42 5.46 -27.11	104.65 5.02 -27.93
RED___ROCHESTER 323720	80.33 -3.00 -2.11	68.86 -3.09 -0.02	68.04 -3.65 0.00	68.26 -3.52 0.00	68.91 -3.09 0.00	69.64 -2.59 -0.09	85.00 -2.62 -0.37	92.12 -2.73 -6.88	85.93 -3.97 -1.65	74.34 -3.02 -3.72	69.72 -5.16 -3.18	69.44 -4.73 -2.47	69.19 -4.60 -1.94	68.33 -5.03 -1.58	67.53 -5.17 -0.93	70.01 -4.46 -2.55	69.40 -4.89 -2.37	84.33 -5.13 -6.76	81.84 -4.75 -6.02	72.05 -4.05 -3.80	73.37 -3.25 -0.93	68.71 -3.67 -0.32	68.30 -4.24 -0.69	70.97 -3.44 -2.71
REGAN___SOLAR 323812	111.24 6.50 -23.52	120.96 5.76 -43.28	118.58 5.66 -41.22	118.59 5.74 -41.07	131.35 5.91 -53.44	173.73 5.99 -95.60	218.75 7.76 -123.74	239.74 7.83 -143.94	242.89 7.85 -146.79	163.24 5.53 -84.07	111.01 4.37 -34.92	104.00 4.16 -28.15	97.08 4.02 -21.21	92.95 4.02 -17.16	86.17 4.45 -9.94	106.63 5.25 -29.46	171.81 6.04 -93.85	232.58 7.45 -142.44	227.75 7.25 -139.92	191.43 6.65 -112.49	171.09 6.89 -88.52	153.64 5.98 -75.60	161.34 5.75 -83.74	115.02 5.52 -37.80
RENSSELAER___COGEN 23796	105.37 3.01 -21.15	98.06 2.66 -23.47	96.62 2.65 -22.27	96.62 2.66 -22.19	103.54 2.67 -28.87	123.91 2.59 -49.16	152.73 2.71 -62.78	195.47 2.64 -104.86	175.54 3.00 -84.29	138.76 2.43 -62.69	105.55 2.44 -31.40	99.45 2.44 -25.31	93.50 2.58 -19.07	89.86 2.66 -15.43	82.95 2.23 -8.94	100.71 2.30 -26.49	133.75 2.01 -59.82	188.28 2.07 -103.51	183.83 2.02 -101.25	149.60 1.81 -75.50	132.68 1.96 -55.03	117.64 2.16 -43.42	124.95 2.37 -50.74	108.19 2.51 -33.99
REPUBLIC_115KV_BARTNBRK 55605	113.97 10.80 -21.95	125.31 9.64 -43.74	123.05 9.68 -41.67	123.13 9.83 -41.52	135.97 9.94 -54.03	178.46 9.96 -96.35	224.15 12.56 -124.34	240.28 12.67 -139.64	248.40 13.15 -147.00	165.27 10.38 -81.25	113.47 9.18 -32.59	106.93 8.96 -26.26	100.48 8.84 -19.79	96.47 8.68 -16.01	90.03 8.97 -9.28	109.12 9.71 -27.49	175.10 10.28 -92.90	232.77 11.83 -138.24	228.06 11.60 -135.89	193.46 10.63 -110.54	174.21 10.60 -87.93	157.52 9.58 -75.88	164.52 9.20 -83.47	116.15 9.18 -35.27
REVERE_CPDR_DRP 24186	84.82 2.76 -0.84	74.45 2.52 -0.01	74.06 2.37 0.00	74.22 2.44 0.00	74.59 2.59 0.00	75.14 2.96 -0.03	91.23 3.84 -0.15	95.07 4.40 -2.70	93.35 4.50 -0.61	78.23 2.87 -1.72	75.54 2.58 -1.25	75.07 2.37 -1.01	75.05 2.44 -0.76	74.83 2.44 -0.61	74.64 2.51 -0.36	75.63 2.66 -1.05	75.78 2.95 -0.91	89.15 3.80 -2.65	86.83 3.71 -2.56	77.09 3.33 -1.47	79.58 3.18 -0.72	75.13 2.81 -0.26	74.77 2.37 -0.55	75.35 2.29 -1.35
REYNOLDS_115KV_TB3 80639	106.54 4.06 -21.27	105.44 3.52 -29.99	103.73 3.51 -28.51	103.71 3.52 -28.41	112.57 3.60 -36.97	140.06 3.54 -64.38	173.90 4.01 -82.64	207.54 3.96 -115.61	196.96 4.32 -104.39	145.63 3.61 -68.38	106.94 3.66 -31.57	100.80 3.66 -25.45	94.69 3.66 -19.18	90.95 3.66 -15.51	84.36 3.59 -8.99	102.15 3.60 -26.64	145.62 3.38 -70.32	200.67 3.72 -114.26	196.17 3.63 -111.98	162.08 3.25 -86.54	144.82 3.63 -65.50	129.42 3.53 -53.83	136.63 3.59 -61.19	109.32 3.44 -34.18
RIVERBAY____ 323610	104.61 6.01 -17.39	87.36 5.32 -10.11	86.31 5.09 -9.52	86.43 5.17 -9.49	89.60 5.26 -12.34	96.36 5.27 -18.94	117.35 6.54 -23.56	166.27 6.69 -71.61	136.76 7.41 -41.10	123.78 6.26 -43.88	103.83 6.31 -25.81	98.81 6.31 -20.80	93.92 6.39 -15.68	90.85 6.39 -12.68	85.59 6.46 -7.35	99.88 6.19 -21.78	112.62 6.11 -34.59	160.22 7.03 -70.50	156.14 6.93 -68.64	125.33 6.22 -46.82	112.69 6.36 -30.65	98.86 5.69 -21.10	104.72 5.75 -27.12	104.87 5.23 -27.94
RIVERSDE_115KV_TB3 55908	106.17 3.65 -21.30	104.46 3.24 -29.29	102.70 3.15 -27.84	102.68 3.16 -27.74	111.34 3.24 -36.10	138.06 3.17 -62.74	171.31 3.58 -80.49	206.00 3.43 -114.59	194.39 3.88 -102.26	144.67 3.17 -67.86	106.56 3.23 -31.62	100.41 3.23 -25.49	94.36 3.31 -19.21	90.68 3.37 -15.53	83.87 3.09 -9.00	101.76 3.16 -26.68	144.03 2.88 -69.24	199.00 3.06 -113.24	194.51 2.98 -110.96	160.47 2.75 -85.43	143.05 2.95 -64.41	127.81 3.03 -52.72	135.10 3.16 -60.09	109.01 3.08 -34.23
ROARING___BROOK_WT_PWR 323790	79.67 -1.55 0.00	70.64 -1.29 0.00	70.33 -1.36 0.00	70.20 -1.58 0.00	70.20 -1.80 0.00	70.21 -1.94 0.00	84.54 -2.71 0.00	85.24 -2.73 0.00	85.25 -3.00 0.00	71.43 -2.21 0.00	69.84 -1.86 0.00	69.83 -1.86 0.00	69.91 -1.94 0.00	69.91 -1.87 0.00	69.91 -1.87 0.00	69.98 -1.94 0.00	70.05 -1.87 0.00	80.47 -2.23 0.00	78.40 -2.17 0.00	70.34 -1.95 0.00	73.57 -2.12 0.00	70.26 -1.80 0.00	70.12 -1.73 0.00	69.98 -1.72 0.00

ROCHESRG_115KV_T4 355643	79.41 -3.90 -2.10	68.14 -3.81 -0.02	67.40 -4.30 0.00	67.61 -4.16 0.00	68.18 -3.82 0.00	68.92 -3.32 -0.09	83.95 -3.66 -0.36	88.36 -3.96 -4.35	82.88 -5.38 -0.02	72.32 -3.90 -2.58	70.29 -3.59 -2.16	68.83 -4.37 -1.50	67.52 -5.46 -1.13	67.05 -5.38 -0.66	66.70 -5.24 -0.16	68.30 -5.18 -1.56	67.94 -5.18 -1.20	82.62 -4.47 -4.39	79.39 -4.91 -3.74	69.51 -4.92 -2.13	72.38 -4.24 -0.93	67.77 -4.61 -0.32	67.80 -4.74 -0.69	70.23 -4.16 -2.69
ROCHESTER_9_IC 23652	79.92 -3.41 -2.11	68.50 -3.45 -0.02	67.75 -3.94 0.00	67.97 -3.80 0.00	68.54 -3.46 0.00	69.28 -2.96 -0.09	84.47 -3.14 -0.37	91.51 -3.34 -6.88	85.13 -4.77 -1.65	73.98 -3.39 -3.72	71.80 -3.08 -3.18	70.23 -3.94 -2.47	68.76 -5.03 -1.94	68.40 -4.95 -1.58	67.89 -4.81 -0.93	69.72 -4.75 -2.55	69.54 -4.75 -2.37	85.65 -3.80 -6.76	82.32 -4.27 -6.02	71.69 -4.41 -3.80	72.91 -3.71 -0.93	68.27 -4.11 -0.32	68.16 -4.38 -0.69	70.61 -3.80 -2.71
ROCKVIEW_13_KV_LD 356306	104.12 5.52 -17.39	86.86 4.82 -10.11	85.88 4.66 -9.52	86.00 4.74 -9.48	89.17 4.82 -12.34	96.00 4.91 -18.94	117.09 6.28 -23.56	166.00 6.42 -71.60	136.41 7.06 -41.10	123.40 5.89 -43.87	103.33 5.81 -25.81	98.31 5.81 -20.80	93.35 5.82 -15.68	90.27 5.81 -12.68	85.08 5.96 -7.35	99.52 5.83 -21.77	112.18 5.68 -34.58	159.89 6.70 -70.49	155.89 6.69 -68.64	125.04 5.93 -46.82	112.31 5.98 -30.65	98.71 5.55 -21.10	104.28 5.32 -27.12	104.44 4.80 -27.94
ROME____115KV_TB2 80656	84.82 2.76 -0.84	74.45 2.52 -0.01	74.06 2.37 0.00	74.22 2.44 0.00	74.59 2.59 0.00	75.14 2.96 -0.03	91.23 3.84 -0.15	95.07 4.40 -2.70	93.35 4.50 -0.61	78.23 2.87 -1.72	75.54 2.58 -1.25	75.07 2.37 -1.01	75.05 2.44 -0.76	74.83 2.44 -0.61	74.64 2.51 -0.36	75.63 2.66 -1.05	75.78 2.95 -0.91	89.15 3.80 -2.65	86.83 3.71 -2.56	77.09 3.33 -1.47	79.58 3.18 -0.72	75.13 2.81 -0.26	74.77 2.37 -0.55	75.35 2.29 -1.35
ROSETON___1 23587	103.14 4.55 -17.38	85.89 3.95 -10.01	84.99 3.87 -9.42	85.03 3.87 -9.38	88.17 3.96 -12.21	94.88 4.04 -18.70	115.63 5.15 -23.24	164.57 5.19 -71.41	134.84 5.82 -40.77	122.12 4.72 -43.77	102.10 4.59 -25.80	97.08 4.59 -20.79	92.12 4.60 -15.67	89.05 4.60 -12.67	83.78 4.66 -7.35	98.21 4.53 -21.76	110.86 4.53 -34.41	158.36 5.37 -70.29	154.33 5.32 -68.44	123.62 4.70 -46.63	111.01 4.85 -30.47	97.46 4.47 -20.93	103.10 4.31 -26.94	103.56 3.94 -27.92
ROSETON___2 23588	103.14 4.55 -17.38	85.89 3.95 -10.01	84.99 3.87 -9.42	85.03 3.87 -9.38	88.17 3.96 -12.21	94.88 4.04 -18.70	115.63 5.15 -23.24	164.57 5.19 -71.41	134.84 5.82 -40.77	122.12 4.72 -43.77	102.10 4.59 -25.80	97.08 4.59 -20.79	92.12 4.60 -15.67	89.05 4.60 -12.67	83.78 4.66 -7.35	98.21 4.53 -21.76	110.86 4.53 -34.41	158.36 5.37 -70.29	154.33 5.32 -68.44	123.62 4.70 -46.63	111.01 4.85 -30.47	97.46 4.47 -20.93	103.10 4.31 -26.94	103.56 3.94 -27.92
ROTRDAM_115KV_TB3 80664	106.84 3.41 -22.21	122.00 2.95 -47.12	119.47 2.87 -44.90	119.47 2.94 -44.75	133.25 3.02 -58.22	179.39 3.03 -104.21	225.69 3.84 -134.60	237.60 3.78 -145.84	249.76 3.97 -157.54	161.41 3.17 -84.60	107.55 2.87 -32.97	101.07 2.80 -26.58	94.68 2.80 -20.03	90.77 2.80 -16.20	84.04 2.87 -9.39	102.76 3.02 -27.82	173.63 3.16 -98.55	230.85 3.72 -144.43	226.25 3.63 -142.05	192.22 3.33 -116.60	172.61 3.41 -93.52	156.49 3.10 -81.33	163.88 3.02 -89.01	110.26 2.87 -35.69
RUSSELL___1 23602	80.32 -3.00 -2.11	68.86 -3.09 -0.02	68.04 -3.66 0.00	68.33 -3.45 0.00	68.83 -3.17 0.00	69.64 -2.60 -0.09	85.00 -2.62 -0.37	92.13 -2.73 -6.88	85.66 -4.24 -1.65	74.34 -3.02 -3.72	72.16 -2.72 -3.18	70.58 -3.58 -2.47	69.12 -4.67 -1.94	68.76 -4.59 -1.58	68.25 -4.45 -0.93	70.15 -4.32 -2.55	69.97 -4.32 -2.37	86.23 -3.23 -6.76	82.80 -3.79 -6.02	72.19 -3.90 -3.80	73.44 -3.18 -0.93	68.70 -3.68 -0.32	68.52 -4.02 -0.69	70.96 -3.44 -2.71
RUSSELL___2 23532	80.32 -3.00 -2.11	68.86 -3.09 -0.02	68.04 -3.66 0.00	68.33 -3.45 0.00	68.83 -3.17 0.00	69.64 -2.60 -0.09	85.00 -2.62 -0.37	92.13 -2.73 -6.88	85.66 -4.24 -1.65	74.34 -3.02 -3.72	72.16 -2.72 -3.18	70.58 -3.58 -2.47	69.12 -4.67 -1.94	68.76 -4.59 -1.58	68.25 -4.45 -0.93	70.15 -4.32 -2.55	69.97 -4.32 -2.37	86.23 -3.23 -6.76	82.80 -3.79 -6.02	72.19 -3.90 -3.80	73.44 -3.18 -0.93	68.70 -3.68 -0.32	68.52 -4.02 -0.69	70.96 -3.44 -2.71
RUSSELL___3 23549	80.32 -3.00 -2.11	68.86 -3.09 -0.02	68.04 -3.66 0.00	68.33 -3.45 0.00	68.83 -3.17 0.00	69.64 -2.60 -0.09	85.00 -2.62 -0.37	92.13 -2.73 -6.88	85.66 -4.24 -1.65	74.34 -3.02 -3.72	72.16 -2.72 -3.18	70.58 -3.58 -2.47	69.12 -4.67 -1.94	68.76 -4.59 -1.58	68.25 -4.45 -0.93	70.15 -4.32 -2.55	69.97 -4.32 -2.37	86.23 -3.23 -6.76	82.80 -3.79 -6.02	72.19 -3.90 -3.80	73.44 -3.18 -0.93	68.70 -3.68 -0.32	68.52 -4.02 -0.69	70.96 -3.44 -2.71
RUSSELL___4 23556	80.32 -3.00 -2.11	68.86 -3.09 -0.02	68.04 -3.66 0.00	68.33 -3.45 0.00	68.83 -3.17 0.00	69.64 -2.60 -0.09	85.00 -2.62 -0.37	92.13 -2.73 -6.88	85.66 -4.24 -1.65	74.34 -3.02 -3.72	72.16 -2.72 -3.18	70.58 -3.58 -2.47	69.12 -4.67 -1.94	68.76 -4.59 -1.58	68.25 -4.45 -0.93	70.15 -4.32 -2.55	69.97 -4.32 -2.37	86.23 -3.23 -6.76	82.80 -3.79 -6.02	72.19 -3.90 -3.80	73.44 -3.18 -0.93	68.70 -3.68 -0.32	68.52 -4.02 -0.69	70.96 -3.44 -2.71
RUSSELL___STATION 23914	80.32 -3.00 -2.11	68.86 -3.09 -0.02	68.04 -3.66 0.00	68.33 -3.45 0.00	68.83 -3.17 0.00	69.64 -2.60 -0.09	85.00 -2.62 -0.37	92.13 -2.73 -6.88	85.66 -4.24 -1.65	74.34 -3.02 -3.72	72.16 -2.72 -3.18	70.58 -3.58 -2.47	69.12 -4.67 -1.94	68.76 -4.59 -1.58	68.25 -4.45 -0.93	70.15 -4.32 -2.55	69.97 -4.32 -2.37	86.23 -3.23 -6.76	82.80 -3.79 -6.02	72.19 -3.90 -3.80	73.44 -3.18 -0.93	68.70 -3.68 -0.32	68.52 -4.02 -0.69	70.96 -3.44 -2.71
S SALMON___HYD 24043	81.47 -0.97 -1.23	70.93 -1.01 -0.01	70.55 -1.15 0.00	70.56 -1.22 0.00	70.99 -1.01 0.00	71.48 -0.72 -0.05	87.02 -0.43 -0.21	91.82 -0.09 -3.94	88.87 -0.26 -0.88	75.42 -0.74 -2.51	72.17 -1.36 -1.82	71.80 -1.36 -1.47	71.66 -1.29 -1.11	71.31 -1.37 -0.89	71.01 -1.29 -0.52	72.38 -1.08 -1.54	72.46 -0.79 -1.33	85.98 -0.57 -3.86	83.74 -0.56 -3.73	73.93 -0.50 -2.14	76.21 -0.53 -1.05	71.57 -0.86 -0.37	71.42 -1.22 -0.80	72.67 -1.00 -1.97
S.PERRY__115KV_TB1 80734	82.74 -1.46 -2.99	71.91 -1.87 -1.85	71.15 -2.29 -1.75	71.44 -2.08 -1.74	72.68 -1.58 -2.27	73.88 -1.30 -3.02	90.06 -0.61 -3.42	163.10 -0.44 -75.57	134.79 -1.50 -48.04	105.79 -2.28 -34.44	98.88 -2.37 -29.54	95.85 -3.37 -27.52	90.74 -3.95 -22.84	93.22 -3.88 -25.31	88.51 -3.80 -20.53	96.41 -3.38 -27.87	104.52 -2.52 -35.12	152.78 -1.32 -71.41	146.52 -1.69 -67.65	120.24 -1.74 -49.69	77.48 -1.44 -3.23	72.81 -2.23 -2.98	72.15 -2.80 -3.11	72.10 -2.65 -3.05
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	76.49 -7.47 -2.75	66.63 -6.98 -1.68	66.11 -7.17 -1.59	66.47 -6.89 -1.58	67.58 -6.48 -2.06	68.18 -6.71 -2.74	82.41 -7.94 -3.11	72.42 -8.62 6.93	74.38 -8.47 5.39	63.57 -7.58 2.48	61.59 -6.88 3.24	60.10 -7.67 3.93	60.33 -8.12 3.39	59.07 -7.97 4.74	59.57 -7.75 4.46	60.22 -7.77 3.94	60.82 -8.20 2.90	67.13 -9.34 6.23	65.27 -8.86 6.44	59.66 -8.02 4.60	71.10 -8.10 -3.51	66.84 -8.14 -2.92	66.93 -8.19 -3.27	67.21 -7.74 -3.25

SAWYER___23_KV_LOAD 55526	76.49 -7.47 -2.75	66.63 -6.98 -1.68	66.11 -7.17 -1.59	66.47 -6.89 -1.58	67.58 -6.48 -2.06	68.18 -6.71 -2.74	82.41 -7.94 -3.11	72.42 -8.62 6.93	74.38 -8.47 5.39	63.57 -7.58 2.48	61.59 -6.88 3.24	60.10 -7.67 3.93	60.33 -8.12 3.39	59.07 -7.97 4.74	59.57 -7.75 4.46	60.22 -7.77 3.94	60.82 -8.20 2.90	67.13 -9.34 6.23	65.27 -8.86 6.44	59.66 -8.02 4.60	71.10 -8.10 -3.51	66.84 -8.14 -2.92	66.93 -8.19 -3.27	67.21 -7.74 -3.25
SELKIRK___I 23801	105.41 3.33 -20.87	94.33 2.95 -19.45	93.06 2.94 -18.42	93.08 2.94 -18.36	98.84 2.95 -23.89	114.88 2.89 -39.84	141.19 3.31 -50.63	188.70 3.16 -97.57	163.47 3.44 -71.79	134.98 2.58 -58.76	105.13 2.44 -30.98	99.11 2.44 -24.97	93.18 2.51 -18.82	89.51 2.51 -15.22	83.04 2.44 -8.82	100.64 2.59 -26.14	127.57 2.52 -53.13	181.75 2.81 -96.24	177.32 2.74 -94.01	143.09 2.46 -68.34	126.74 2.65 -48.41	111.60 2.59 -36.95	118.75 2.73 -44.17	108.03 2.79 -33.53
SELKIRK___II 23799	105.29 3.01 -21.07	94.92 2.66 -20.33	93.54 2.58 -19.26	93.55 2.58 -19.20	99.64 2.67 -24.98	116.59 2.59 -41.85	143.45 2.97 -53.23	190.47 2.90 -99.60	166.12 3.27 -74.60	136.12 2.58 -59.90	105.49 2.51 -31.28	99.41 2.51 -25.21	93.43 2.58 -19.00	89.72 2.58 -15.36	83.12 2.44 -8.91	100.75 2.45 -26.38	128.96 2.30 -54.74	183.52 2.57 -98.26	179.07 2.50 -96.00	144.68 2.24 -70.14	128.01 2.35 -49.97	112.84 2.37 -38.40	120.06 2.51 -45.69	108.06 2.51 -33.85
SENECA OSWGO___HYD 24041	80.73 -1.86 -1.38	70.07 -1.87 -0.01	69.62 -2.08 0.00	69.84 -1.93 0.00	70.20 -1.80 0.00	70.62 -1.59 -0.06	86.00 -1.48 -0.24	90.98 -1.41 -4.42	87.65 -1.69 -0.99	74.77 -2.22 -2.82	71.53 -2.15 -2.05	71.20 -2.15 -1.65	71.00 -2.09 -1.24	70.63 -2.15 -1.00	70.28 -2.08 -0.58	71.71 -1.94 -1.73	71.61 -1.80 -1.49	85.29 -1.74 -4.33	83.15 -1.61 -4.19	73.25 -1.45 -2.40	75.42 -1.44 -1.18	70.75 -1.73 -0.42	70.81 -1.94 -0.90	71.98 -1.93 -2.21
SENECA___115KV_TB3 355854	76.85 -7.23 -2.87	66.93 -6.76 -1.76	66.69 -6.67 -1.66	67.05 -6.39 -1.66	68.18 -5.98 -2.16	68.46 -6.57 -2.88	82.91 -7.59 -3.26	72.54 -8.27 7.16	75.88 -6.88 5.48	63.69 -7.36 2.59	61.68 -6.67 3.35	60.38 -7.24 4.08	61.43 -6.90 3.52	60.11 -6.75 4.92	60.54 -6.60 4.63	61.21 -6.62 4.09	62.01 -6.98 2.93	67.53 -8.77 6.40	66.00 -7.90 6.68	60.89 -6.72 4.68	71.89 -7.42 -3.62	67.68 -7.42 -3.04	67.69 -7.54 -3.39	67.60 -7.46 -3.36
SENECA___ENERGY 23797	81.58 -1.86 -2.23	71.34 -1.94 -1.35	70.82 -2.15 -1.27	71.03 -2.01 -1.27	72.00 -1.65 -1.65	72.91 -1.44 -2.20	88.70 -1.04 -2.50	100.31 -1.23 -13.57	95.00 -1.32 -8.08	79.33 -1.69 -7.38	74.15 -2.58 -5.02	73.40 -2.58 -4.28	72.65 -2.73 -3.38	72.25 -2.73 -3.20	71.38 -2.65 -2.26	73.96 -2.37 -4.41	76.33 -2.09 -6.50	94.04 -1.82 -13.16	91.48 -1.70 -12.60	79.62 -1.59 -8.92	77.88 -1.51 -3.71	72.80 -1.94 -2.68	72.87 -2.30 -3.32	72.75 -2.30 -3.35
SHOEMAKER___GT 23640	101.00 3.90 -15.89	84.53 3.38 -9.22	83.68 3.30 -8.68	83.73 3.30 -8.65	86.64 3.38 -11.25	92.87 3.46 -17.26	113.24 4.53 -21.45	157.94 4.57 -65.40	130.86 5.12 -37.50	117.69 3.97 -40.08	99.02 3.73 -23.59	94.43 3.73 -19.01	89.91 3.73 -14.33	87.09 3.73 -11.59	82.37 3.87 -6.72	95.63 3.81 -19.90	107.37 3.88 -31.57	151.79 4.71 -64.38	147.85 4.59 -62.69	119.17 4.12 -42.75	107.90 4.24 -27.97	95.13 3.82 -19.25	100.26 3.66 -24.75	100.53 3.30 -25.53
SHOEMAKR_138KV_BK 111 55601	100.89 3.90 -15.78	84.47 3.38 -9.16	83.54 3.23 -8.62	83.67 3.30 -8.59	86.56 3.38 -11.18	92.75 3.46 -17.14	113.00 4.45 -21.31	157.51 4.57 -64.96	130.52 5.03 -37.24	117.42 3.98 -39.80	98.94 3.80 -23.43	94.38 3.80 -18.88	89.89 3.81 -14.23	87.09 3.80 -11.51	82.40 3.95 -6.67	95.57 3.88 -19.76	107.23 3.96 -31.36	151.36 4.71 -63.95	147.51 4.67 -62.27	118.88 4.12 -42.47	107.63 4.16 -27.78	95.00 3.82 -19.12	100.09 3.66 -24.58	100.35 3.30 -25.36
SHOREHAM_IC_1 23715	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.97 6.27 -29.54	134.26 8.02 -38.99	167.03 7.47 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	91.95 7.75 -12.42	111.25 7.05 -32.28	146.09 6.76 -67.42	189.32 8.27 -98.36	183.46 8.13 -94.76	173.76 7.23 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.44 6.83 -45.76	105.37 5.74 -27.93
SHOREHAM_IC_2 23716	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.97 6.27 -29.54	134.26 8.02 -38.99	167.03 7.47 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	91.95 7.75 -12.42	111.25 7.05 -32.28	146.09 6.76 -67.42	189.32 8.27 -98.36	183.46 8.13 -94.76	173.76 7.23 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.44 6.83 -45.76	105.37 5.74 -27.93
SISSONVILLE____ 23735	80.56 -0.65 0.00	71.64 -0.29 0.00	71.56 -0.14 0.00	71.49 -0.29 0.00	71.50 -0.50 0.00	71.21 -0.94 0.00	84.98 -2.27 0.00	85.68 -2.29 0.00	85.51 -2.74 0.00	72.09 -1.55 0.00	70.56 -1.15 0.00	70.69 -1.00 0.00	70.91 -0.93 0.00	70.77 -1.00 0.00	70.63 -1.15 0.00	70.19 -1.73 0.00	70.19 -1.73 0.00	80.22 -2.48 0.00	78.31 -2.26 0.00	70.34 -1.95 0.00	73.64 -2.04 0.00	70.69 -1.37 0.00	71.06 -0.79 0.00	71.41 -0.29 0.00
SITHE_IND_GS1 24169	79.21 -3.09 -1.08	69.06 -2.88 -0.01	68.69 -3.01 0.00	68.83 -2.95 0.00	69.12 -2.88 0.00	69.45 -2.74 -0.04	84.38 -3.06 -0.19	88.35 -3.08 -3.46	85.85 -3.17 -0.78	72.98 -2.87 -2.21	70.09 -3.23 -1.60	69.76 -3.23 -1.29	69.73 -3.09 -0.97	69.41 -3.16 -0.79	69.08 -3.16 -0.46	70.18 -3.09 -1.35	69.99 -3.09 -1.17	82.79 -3.31 -3.40	80.62 -3.23 -3.28	71.35 -2.82 -1.88	73.73 -2.88 -0.92	69.43 -2.96 -0.33	69.46 -3.09 -0.70	70.42 -3.01 -1.73
SITHE_IND_GS2 24170	79.21 -3.09 -1.08	69.06 -2.88 -0.01	68.69 -3.01 0.00	68.83 -2.95 0.00	69.12 -2.88 0.00	69.45 -2.74 -0.04	84.38 -3.06 -0.19	88.35 -3.08 -3.46	85.85 -3.17 -0.78	72.98 -2.87 -2.21	70.09 -3.23 -1.60	69.76 -3.23 -1.29	69.73 -3.09 -0.97	69.41 -3.16 -0.79	69.08 -3.16 -0.46	70.18 -3.09 -1.35	69.99 -3.09 -1.17	82.79 -3.31 -3.40	80.62 -3.23 -3.28	71.35 -2.82 -1.88	73.73 -2.88 -0.92	69.43 -2.96 -0.33	69.46 -3.09 -0.70	70.42 -3.01 -1.73
SITHE_IND_GS3 24171	79.21 -3.09 -1.08	69.06 -2.88 -0.01	68.69 -3.01 0.00	68.83 -2.95 0.00	69.12 -2.88 0.00	69.45 -2.74 -0.04	84.38 -3.06 -0.19	88.35 -3.08 -3.46	85.85 -3.17 -0.78	72.98 -2.87 -2.21	70.09 -3.23 -1.60	69.76 -3.23 -1.29	69.73 -3.09 -0.97	69.41 -3.16 -0.79	69.08 -3.16 -0.46	70.18 -3.09 -1.35	69.99 -3.09 -1.17	82.79 -3.31 -3.40	80.62 -3.23 -3.28	71.35 -2.82 -1.88	73.73 -2.88 -0.92	69.43 -2.96 -0.33	69.46 -3.09 -0.70	70.42 -3.01 -1.73
SITHE_IND_GS4 24172	79.21 -3.09 -1.08	69.06 -2.88 -0.01	68.69 -3.01 0.00	68.83 -2.95 0.00	69.12 -2.88 0.00	69.45 -2.74 -0.04	84.38 -3.06 -0.19	88.35 -3.08 -3.46	85.85 -3.17 -0.78	72.98 -2.87 -2.21	70.09 -3.23 -1.60	69.76 -3.23 -1.29	69.73 -3.09 -0.97	69.41 -3.16 -0.79	69.08 -3.16 -0.46	70.18 -3.09 -1.35	69.99 -3.09 -1.17	82.79 -3.31 -3.40	80.62 -3.23 -3.28	71.35 -2.82 -1.88	73.73 -2.88 -0.92	69.43 -2.96 -0.33	69.46 -3.09 -0.70	70.42 -3.01 -1.73

SITHE___BATAVIA 24024	78.54 -5.11 -2.44	68.44 -4.96 -1.47	67.71 -5.38 -1.39	67.99 -5.17 -1.38	69.19 -4.61 -1.80	70.23 -4.33 -2.41	85.09 -4.88 -2.73	84.12 -4.92 -1.07	83.18 -5.56 -0.49	70.10 -4.79 -1.24	64.77 -6.95 -0.01	64.50 -6.52 0.67	64.70 -6.47 0.69	63.37 -6.89 1.52	62.75 -7.32 1.71	65.17 -6.11 0.64	65.93 -7.12 -1.13	76.37 -7.61 -1.28	74.30 -7.17 -0.90	67.09 -6.36 -1.16	73.53 -5.37 -3.21	68.91 -5.77 -2.61	68.57 -6.25 -2.97	69.17 -5.52 -2.99
SITHE___INDEPEND 23800	79.21 -3.09 -1.08	69.06 -2.88 -0.01	68.69 -3.01 0.00	68.83 -2.94 0.00	69.12 -2.88 0.00	69.45 -2.74 -0.04	84.38 -3.05 -0.19	88.36 -3.08 -3.46	85.76 -3.27 -0.78	72.98 -2.87 -2.21	70.51 -2.80 -1.60	70.12 -2.87 -1.29	69.73 -3.09 -0.97	69.48 -3.09 -0.79	69.22 -3.01 -0.46	70.32 -2.95 -1.35	70.14 -2.95 -1.17	83.12 -2.98 -3.40	80.87 -2.98 -3.28	71.35 -2.82 -1.88	73.73 -2.88 -0.92	69.44 -2.95 -0.33	69.53 -3.02 -0.70	70.42 -3.01 -1.73
SITHE___MASSENA 23902	80.65 -0.56 0.00	71.64 -0.29 0.00	71.63 -0.07 0.00	71.56 -0.21 0.00	71.50 -0.50 0.00	71.43 -0.72 0.00	85.68 -1.57 0.00	86.39 -1.58 0.00	86.22 -2.03 0.00	72.61 -1.03 0.00	71.49 -0.21 0.00	71.41 -0.29 0.00	71.35 -0.50 0.00	71.42 -0.36 0.00	71.28 -0.50 0.00	71.13 -0.79 0.00	71.13 -0.79 0.00	81.54 -1.16 0.00	79.36 -1.21 0.00	71.13 -1.16 0.00	74.33 -1.36 0.00	71.20 -0.86 0.00	71.35 -0.50 0.00	71.48 -0.21 0.00
SITHE___OGDNSBRG 24021	81.70 0.49 0.00	72.72 0.79 0.00	72.70 1.00 0.00	72.64 0.86 0.00	72.58 0.58 0.00	72.51 0.36 0.00	86.72 -0.52 0.00	87.62 -0.35 0.00	87.36 -0.88 0.00	73.35 -0.29 0.00	71.49 -0.22 0.00	71.63 -0.07 0.00	71.92 0.07 0.00	71.85 0.07 0.00	71.70 -0.07 0.00	71.49 -0.43 0.00	71.70 -0.22 0.00	81.95 -0.74 0.00	80.01 -0.56 0.00	71.93 -0.36 0.00	75.16 -0.53 0.00	72.13 0.07 0.00	72.21 0.36 0.00	72.49 0.79 0.00
SITHE___STERLING 23777	84.31 2.11 -0.99	73.81 1.87 -0.01	73.42 1.72 0.00	73.57 1.80 0.00	74.01 2.01 0.00	74.50 2.31 -0.04	90.55 3.14 -0.17	94.67 3.52 -3.18	92.58 3.62 -0.71	77.87 2.21 -2.03	74.83 1.65 -1.47	74.46 1.58 -1.19	74.39 1.65 -0.89	74.15 1.65 -0.72	73.85 1.65 -0.42	75.03 1.87 -1.24	75.08 2.09 -1.07	88.63 2.81 -3.12	86.23 2.65 -3.01	76.40 2.38 -1.73	78.88 2.35 -0.85	74.38 2.01 -0.30	74.15 1.65 -0.64	74.87 1.58 -1.59
SLEIGHT__34_KV_TB1 80719	80.68 -2.60 -2.06	69.29 -2.66 -0.02	68.62 -3.08 0.00	68.83 -2.94 0.00	69.41 -2.59 0.00	70.14 -2.09 -0.08	85.77 -1.83 -0.36	92.65 -1.94 -6.62	86.73 -3.00 -1.48	75.18 -2.36 -3.89	72.47 -2.29 -3.06	71.17 -2.94 -2.42	70.04 -3.66 -1.86	69.69 -3.59 -1.50	69.20 -3.45 -0.87	71.12 -3.31 -2.51	71.05 -3.09 -2.23	86.89 -2.32 -6.51	83.92 -2.66 -6.01	73.07 -2.82 -3.59	74.56 -2.42 -1.29	69.56 -2.95 -0.45	69.59 -3.23 -0.98	71.70 -2.94 -2.95
SOUTH CAIRO___GT 23612	106.96 5.52 -20.23	95.45 4.82 -18.70	94.29 4.88 -17.72	94.31 4.88 -17.65	99.80 4.82 -22.97	115.40 4.98 -38.27	141.71 5.85 -48.62	188.20 5.89 -94.33	163.38 6.00 -69.13	134.52 4.05 -56.83	105.11 3.37 -30.03	99.27 3.37 -24.20	93.39 3.31 -18.24	89.83 3.30 -14.75	83.56 3.23 -8.55	100.99 3.74 -25.33	127.43 4.24 -51.27	180.87 5.13 -93.04	176.45 5.00 -90.88	142.62 4.34 -65.99	126.76 4.39 -46.68	111.89 4.25 -35.58	118.67 4.24 -42.58	108.65 4.45 -32.50
SOUTH HAMPTN___IC 23720	106.31 7.63 -17.46	105.51 7.19 -26.39	102.97 7.10 -24.17	102.91 7.11 -24.02	101.38 7.20 -22.18	108.84 7.14 -29.54	135.40 9.16 -38.99	168.18 8.63 -71.58	143.42 9.79 -45.37	125.09 7.59 -43.86	105.47 7.96 -25.80	99.16 6.67 -20.80	94.70 7.18 -15.67	91.92 7.46 -12.68	92.59 8.39 -12.42	112.04 7.84 -32.28	146.95 7.62 -67.42	190.40 9.34 -98.36	184.51 9.18 -94.76	174.70 8.17 -94.24	150.13 8.40 -66.04	134.49 7.71 -54.71	125.22 7.61 -45.76	106.15 6.52 -27.93
SOUTHDOW_115KV_TB1 355954	78.70 -5.60 -3.09	68.45 -5.39 -1.92	68.49 -5.02 -1.81	68.84 -4.74 -1.80	70.17 -4.18 -2.34	70.01 -5.27 -3.13	85.46 -5.32 -3.53	84.19 -5.72 -1.94	85.97 -2.65 -0.37	69.58 -5.52 -1.46	66.91 -5.02 -0.22	65.67 -5.31 0.72	67.25 -3.88 0.72	66.20 -3.80 1.77	65.92 -3.80 2.05	67.49 -3.74 0.69	69.18 -4.03 -1.29	78.28 -6.62 -2.20	76.86 -5.16 -1.45	69.98 -3.61 -1.31	74.26 -5.22 -3.80	70.06 -5.26 -3.26	69.89 -5.53 -3.57	69.12 -6.09 -3.51
SOUTHOLD_69_KV_BK 2 55809	107.78 9.10 -17.46	106.59 8.27 -26.39	104.04 8.17 -24.17	103.98 8.18 -24.02	102.46 8.28 -22.18	109.92 8.23 -29.54	136.88 10.64 -38.99	169.76 10.20 -71.58	144.92 11.30 -45.37	126.19 8.69 -43.86	106.26 8.75 -25.80	99.81 7.31 -20.80	95.28 7.76 -15.67	92.56 8.11 -12.68	93.67 9.47 -12.42	113.11 8.92 -32.28	148.18 8.85 -67.42	191.89 10.83 -98.36	186.12 10.80 -94.76	176.07 9.54 -94.24	151.34 9.61 -66.04	135.63 8.86 -54.71	126.30 8.69 -45.76	107.16 7.53 -27.93
SOUTHOLD___IC 23719	107.53 8.85 -17.46	106.59 8.27 -26.39	104.04 8.17 -24.17	103.98 8.18 -24.02	102.46 8.28 -22.18	109.92 8.22 -29.54	136.88 10.64 -38.99	169.75 10.20 -71.58	144.92 11.30 -45.37	126.18 8.69 -43.86	106.47 8.96 -25.80	100.02 7.53 -20.80	95.57 8.05 -15.67	92.77 8.32 -12.68	93.46 9.26 -12.42	112.97 8.77 -32.28	148.11 8.77 -67.42	191.89 10.83 -98.36	186.04 10.72 -94.76	176.00 9.47 -94.24	151.42 9.69 -66.04	135.63 8.86 -54.71	126.30 8.69 -45.76	107.15 7.53 -27.93
SOUTH_FORK_WT_PWR 323839	107.53 8.85 -17.46	106.59 8.27 -26.39	104.04 8.17 -24.17	103.98 8.18 -24.02	102.46 8.28 -22.18	109.92 8.22 -29.54	136.88 10.64 -38.99	169.75 10.20 -71.58	144.92 11.30 -45.37	126.11 8.61 -43.86	106.47 8.96 -25.80	100.02 7.53 -20.80	95.57 8.05 -15.67	92.77 8.32 -12.68	93.46 9.26 -12.42	112.97 8.77 -32.28	148.03 8.70 -67.42	191.89 10.83 -98.36	185.96 10.63 -94.76	175.92 9.39 -94.24	151.42 9.69 -66.04	135.63 8.86 -54.71	126.23 8.62 -45.76	107.08 7.46 -27.93
SPIERFLS_115KV_TB 1 80737	110.19 6.98 -21.99	122.37 6.19 -44.25	119.96 6.09 -42.16	119.96 6.17 -42.01	132.93 6.26 -54.67	176.04 6.35 -97.54	221.09 7.94 -125.90	236.56 8.01 -140.58	245.23 8.38 -148.60	162.03 6.63 -81.76	110.31 5.95 -32.64	103.75 5.74 -26.31	97.35 5.68 -19.83	93.34 5.53 -16.04	86.74 5.67 -9.30	105.50 6.04 -27.54	172.08 6.40 -93.76	229.24 7.36 -139.19	224.65 7.25 -136.83	190.40 6.65 -111.46	171.13 6.66 -88.78	154.97 6.20 -76.71	162.13 5.96 -84.32	112.91 5.88 -35.34
ST LAWRENCE____ 23600	79.91 -1.30 0.00	70.99 -0.94 0.00	70.98 -0.72 0.00	70.92 -0.86 0.00	70.92 -1.08 0.00	70.78 -1.37 0.00	85.15 -2.09 0.00	85.86 -2.11 0.00	85.69 -2.56 0.00	72.09 -1.55 0.00	70.85 -0.86 0.00	70.76 -0.93 0.00	70.77 -1.08 0.00	70.77 -1.00 0.00	70.77 -1.00 0.00	70.70 -1.22 0.00	70.70 -1.22 0.00	80.96 -1.74 0.00	78.80 -1.77 0.00	70.70 -1.59 0.00	73.87 -1.82 0.00	70.69 -1.37 0.00	70.77 -1.08 0.00	70.84 -0.86 0.00
STATE_CA_115KV_115_LB 55624	106.14 3.49 -21.44	106.40 3.09 -31.37	104.62 3.08 -29.84	104.52 3.01 -29.73	113.78 3.10 -38.69	142.69 2.96 -67.58	177.37 3.32 -86.81	209.57 3.25 -118.35	200.69 3.71 -108.74	146.54 3.02 -69.88	106.62 3.08 -31.83	100.43 3.08 -25.65	94.34 3.16 -19.33	90.64 3.23 -15.63	83.71 2.87 -9.06	101.72 2.95 -26.85	147.21 2.59 -72.70	202.41 2.73 -116.98	198.00 2.74 -114.69	163.87 2.46 -89.12	146.10 2.57 -67.84	130.87 2.74 -56.07	138.29 2.95 -63.49	109.09 2.94 -34.45

STATE_ST_34_KV_LOAD 55959	82.85 -0.57 -2.20	72.47 -0.79 -1.34	71.95 -1.00 -1.26	72.17 -0.86 -1.25	72.98 -0.65 -1.63	73.97 -0.36 -2.18	90.07 0.35 -2.47	97.57 0.44 -9.16	93.66 0.18 -5.24	79.30 -0.37 -6.03	74.41 -0.57 -3.27	73.54 -0.86 -2.70	72.76 -1.08 -1.99	72.38 -1.00 -1.61	71.77 -0.93 -0.93	73.98 -0.79 -2.85	76.03 -0.36 -4.47	91.80 0.08 -9.02	89.77 0.08 -9.12	78.32 0.00 -6.02	80.14 -0.08 -4.53	74.45 -0.58 -2.97	74.87 -0.93 -3.96	74.67 -1.00 -3.98
STATION_5_MISC_HYD 23604	79.92 -3.41 -2.11	68.50 -3.45 -0.02	67.76 -3.94 0.00	67.97 -3.81 0.00	68.55 -3.45 0.00	69.35 -2.89 -0.09	84.48 -3.14 -0.37	91.51 -3.34 -6.88	85.40 -4.50 -1.65	73.90 -3.46 -3.72	69.36 -5.52 -3.18	69.01 -5.16 -2.47	68.75 -5.03 -1.94	67.90 -5.46 -1.58	67.18 -5.53 -0.93	69.65 -4.82 -2.55	68.97 -5.32 -2.37	83.75 -5.71 -6.76	81.27 -5.32 -6.02	71.54 -4.55 -3.80	72.91 -3.71 -0.93	68.28 -4.10 -0.32	67.94 -4.60 -0.69	70.60 -3.80 -2.71
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	81.38 -1.95 -2.12	69.86 -2.09 -0.02	69.19 -2.51 0.00	69.48 -2.30 0.00	70.06 -1.94 0.00	70.72 -1.52 -0.09	86.48 -1.13 -0.37	93.53 -1.23 -6.79	87.56 -2.21 -1.52	75.50 -1.84 -3.70	72.99 -1.86 -3.14	71.70 -2.44 -2.44	70.59 -3.16 -1.91	70.23 -3.09 -1.54	69.73 -2.94 -0.89	71.62 -2.80 -2.51	71.69 -2.52 -2.29	87.63 -1.74 -6.67	84.41 -2.09 -5.94	73.81 -2.17 -3.69	74.81 -1.82 -0.94	70.00 -2.38 -0.32	69.89 -2.66 -0.70	71.98 -2.44 -2.71
STA_56_34_KV_BUS2_REV_LBMP_B 345033	79.66 -3.65 -2.10	68.28 -3.67 -0.02	67.54 -4.16 0.00	67.83 -3.95 0.00	68.33 -3.67 0.00	69.13 -3.10 -0.09	84.29 -3.32 -0.36	91.27 -3.52 -6.82	84.94 -4.94 -1.63	73.73 -3.61 -3.70	71.56 -3.30 -3.15	70.06 -4.09 -2.45	68.67 -5.10 -1.92	68.32 -5.02 -1.57	67.81 -4.88 -0.92	69.62 -4.82 -2.52	69.45 -4.82 -2.35	85.42 -3.97 -6.70	82.11 -4.43 -5.97	71.58 -4.48 -3.77	72.84 -3.78 -0.93	68.13 -4.25 -0.32	68.02 -4.53 -0.70	70.38 -4.02 -2.69
STA_56___34_KV_BUS2 355983	79.66 -3.65 -2.10	68.28 -3.67 -0.02	67.54 -4.16 0.00	67.83 -3.95 0.00	68.33 -3.67 0.00	69.13 -3.10 -0.09	84.29 -3.32 -0.36	91.27 -3.52 -6.82	84.94 -4.94 -1.63	73.73 -3.61 -3.70	71.56 -3.30 -3.15	70.06 -4.09 -2.45	68.67 -5.10 -1.92	68.32 -5.02 -1.57	67.81 -4.88 -0.92	69.62 -4.82 -2.52	69.45 -4.82 -2.35	85.42 -3.97 -6.70	82.11 -4.43 -5.97	71.58 -4.48 -3.77	72.84 -3.78 -0.93	68.13 -4.25 -0.32	68.02 -4.53 -0.70	70.38 -4.02 -2.69
STA_67___115KV_BK2 355882	79.75 -3.57 -2.11	68.35 -3.60 -0.02	67.61 -4.09 0.00	67.83 -3.95 0.00	68.40 -3.60 0.00	69.13 -3.10 -0.09	84.30 -3.32 -0.37	91.32 -3.52 -6.87	84.86 -5.03 -1.64	73.75 -3.61 -3.72	71.58 -3.30 -3.17	70.01 -4.16 -2.47	68.54 -5.24 -1.94	68.19 -5.17 -1.58	67.68 -5.02 -0.92	69.57 -4.89 -2.54	69.39 -4.89 -2.36	85.40 -4.05 -6.75	82.07 -4.51 -6.01	71.46 -4.63 -3.80	72.76 -3.86 -0.93	68.06 -4.32 -0.32	68.01 -4.53 -0.69	70.46 -3.94 -2.71
STA_7___115KV_9TRANS 80674	80.32 -3.00 -2.11	68.86 -3.09 -0.02	68.04 -3.66 0.00	68.33 -3.45 0.00	68.83 -3.17 0.00	69.64 -2.60 -0.09	85.00 -2.62 -0.37	92.13 -2.73 -6.88	85.66 -4.24 -1.65	74.34 -3.02 -3.72	72.16 -2.72 -3.18	70.58 -3.58 -2.47	69.12 -4.67 -1.94	68.76 -4.59 -1.58	68.25 -4.45 -0.93	70.15 -4.32 -2.55	69.97 -4.32 -2.37	86.23 -3.23 -6.76	82.80 -3.79 -6.02	72.19 -3.90 -3.80	73.44 -3.18 -0.93	68.70 -3.68 -0.32	68.52 -4.02 -0.69	70.96 -3.44 -2.71
STA_82___115KV_TB1 80780	79.76 -3.57 -2.12	68.35 -3.60 -0.02	67.61 -4.09 0.00	67.83 -3.95 0.00	68.40 -3.60 0.00	69.21 -3.03 -0.09	84.30 -3.32 -0.37	91.38 -3.52 -6.93	84.90 -5.03 -1.68	73.78 -3.61 -3.74	71.61 -3.30 -3.20	70.10 -4.09 -2.49	68.56 -5.24 -1.95	68.20 -5.17 -1.59	67.76 -4.95 -0.94	69.59 -4.89 -2.56	69.42 -4.89 -2.40	85.45 -4.05 -6.80	82.12 -4.51 -6.06	71.58 -4.55 -3.84	72.76 -3.86 -0.93	68.13 -4.25 -0.32	68.01 -4.53 -0.69	70.47 -3.94 -2.72
STEEL___WIND 323596	76.69 -7.39 -2.87	66.79 -6.91 -1.76	66.55 -6.81 -1.66	66.90 -6.53 -1.66	68.11 -6.05 -2.16	68.32 -6.71 -2.88	82.74 -7.77 -3.26	72.36 -8.45 7.16	76.24 -6.53 5.48	63.54 -7.51 2.59	60.25 -8.10 3.35	59.66 -7.96 4.08	60.21 -8.12 3.52	58.74 -8.11 4.92	59.18 -7.97 4.63	60.13 -7.69 4.09	60.79 -8.20 2.93	66.87 -9.43 6.40	64.95 -8.95 6.68	59.58 -8.03 4.68	71.74 -7.57 -3.62	67.61 -7.50 -3.04	67.47 -7.76 -3.39	67.45 -7.60 -3.36
STEPHTWN_115KV_BK_2 55603	106.43 4.06 -21.15	98.99 3.60 -23.47	97.55 3.58 -22.27	97.56 3.59 -22.19	104.47 3.60 -28.87	124.92 3.61 -49.16	154.04 4.01 -62.78	196.79 3.96 -104.86	176.95 4.41 -84.29	139.80 3.46 -62.69	106.55 3.44 -31.40	100.52 3.51 -25.31	94.44 3.52 -19.07	90.79 3.59 -15.43	84.02 3.30 -8.94	101.86 3.45 -26.49	134.91 3.16 -59.82	189.60 3.39 -103.51	185.20 3.38 -101.25	150.83 3.04 -75.50	133.90 3.18 -55.03	118.65 3.17 -43.42	125.96 3.38 -50.74	109.20 3.51 -33.99
STEUBEN_REC_LFGE 323667	80.84 -4.14 -3.77	70.01 -4.32 -2.40	69.66 -4.30 -2.26	69.94 -4.09 -2.26	71.19 -3.74 -2.94	72.62 -4.11 -4.59	88.96 -4.01 -5.73	140.60 -4.31 -56.94	121.20 -3.18 -36.13	92.87 -5.08 -24.31	88.35 -5.31 -21.94	85.23 -6.17 -19.70	82.69 -5.68 -16.52	83.92 -5.67 -17.82	79.60 -6.32 -14.14	85.79 -5.97 -19.84	93.52 -5.11 -26.71	130.55 -6.20 -54.05	124.37 -5.56 -49.36	105.16 -4.63 -37.49	72.20 -5.37 -1.89	69.24 -5.84 -3.01	67.90 -6.18 -2.23	67.29 -6.45 -2.04
STILLWATER___SOLAR 323814	108.85 5.77 -21.87	119.69 5.11 -42.65	117.34 5.02 -40.63	117.36 5.10 -40.49	129.87 5.19 -52.68	171.09 5.12 -93.81	214.73 6.46 -121.03	232.03 6.42 -137.64	238.55 6.70 -143.60	159.11 5.31 -80.17	108.90 4.73 -32.46	102.52 4.66 -26.16	96.17 4.60 -19.72	92.32 4.60 -15.95	85.76 4.74 -9.24	104.26 4.96 -27.38	168.25 5.25 -91.08	224.98 6.03 -136.25	220.44 5.96 -133.91	186.30 5.42 -108.58	167.49 5.68 -86.13	151.38 5.19 -74.12	158.56 5.03 -81.69	111.71 4.88 -35.14
STONY___BROOK 24151	105.74 7.06 -17.46	104.72 6.40 -26.39	102.10 6.23 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	108.19 6.50 -29.54	134.61 8.38 -38.99	167.47 7.92 -71.58	142.80 9.18 -45.37	124.72 7.22 -43.86	104.97 7.46 -25.80	99.02 6.52 -20.80	94.35 6.83 -15.67	91.41 6.96 -12.68	91.88 7.68 -12.42	111.61 7.41 -32.28	146.60 7.26 -67.42	189.49 8.44 -98.36	183.63 8.30 -94.76	174.05 7.52 -94.24	149.53 7.80 -66.04	133.98 7.21 -54.71	124.79 7.18 -45.76	105.79 6.17 -27.93
STURGEON_POOL_HYD 23609	103.57 4.55 -17.80	87.55 3.96 -11.67	86.50 3.80 -11.01	86.62 3.88 -10.97	90.23 3.96 -14.27	98.73 4.11 -22.47	120.80 5.41 -28.14	168.66 5.28 -75.41	140.20 5.82 -46.12	124.30 4.64 -46.02	102.51 4.37 -26.43	97.45 4.45 -21.30	92.28 4.38 -16.05	89.14 4.38 -12.98	83.90 4.59 -7.53	98.67 4.46 -22.30	114.03 4.60 -37.50	162.59 5.62 -74.27	158.50 5.56 -72.37	127.26 4.84 -50.13	114.08 4.92 -33.47	100.23 4.47 -23.70	105.94 4.24 -29.86	104.03 3.73 -28.61
ST_LAW_115_BK7_LBMP 345037	79.91 -1.30 0.00	70.92 -1.01 0.00	70.98 -0.72 0.00	70.92 -0.86 0.00	70.85 -1.15 0.00	70.78 -1.37 0.00	85.07 -2.18 0.00	85.78 -2.20 0.00	85.51 -2.74 0.00	72.02 -1.62 0.00	70.85 -0.86 0.00	70.76 -0.93 0.00	70.77 -1.08 0.00	70.77 -1.00 0.00	70.70 -1.07 0.00	70.63 -1.29 0.00	70.63 -1.29 0.00	80.88 -1.82 0.00	78.80 -1.77 0.00	70.63 -1.66 0.00	73.80 -1.89 0.00	70.69 -1.37 0.00	70.77 -1.08 0.00	70.84 -0.86 0.00

ST_LAW_115_BK8_LBMP 345038	79.91 -1.30 0.00	70.92 -1.01 0.00	70.98 -0.72 0.00	70.92 -0.86 0.00	70.85 -1.15 0.00	70.78 -1.37 0.00	85.07 -2.18 0.00	85.78 -2.20 0.00	85.51 -2.74 0.00	72.02 -1.62 0.00	70.85 -0.86 0.00	70.76 -0.93 0.00	70.77 -1.08 0.00	70.77 -1.00 0.00	70.70 -1.07 0.00	70.63 -1.29 0.00	70.63 -1.29 0.00	80.88 -1.82 0.00	78.80 -1.77 0.00	70.63 -1.66 0.00	73.80 -1.89 0.00	70.69 -1.37 0.00	70.77 -1.08 0.00	70.84 -0.86 0.00
ST_LAW_230_BK5_LBMP 345035	79.91 -1.30 0.00	70.99 -0.94 0.00	70.98 -0.72 0.00	70.92 -0.86 0.00	70.92 -1.08 0.00	70.78 -1.37 0.00	85.15 -2.09 0.00	85.86 -2.11 0.00	85.69 -2.56 0.00	72.09 -1.55 0.00	70.85 -0.86 0.00	70.76 -0.93 0.00	70.77 -1.08 0.00	70.77 -1.00 0.00	70.77 -1.00 0.00	70.70 -1.22 0.00	70.70 -1.22 0.00	80.96 -1.74 0.00	78.80 -1.77 0.00	70.70 -1.59 0.00	73.87 -1.82 0.00	70.69 -1.37 0.00	70.77 -1.08 0.00	70.84 -0.86 0.00
ST_LAW_230_BK6_LBMP 345036	79.91 -1.30 0.00	70.99 -0.94 0.00	70.98 -0.72 0.00	70.92 -0.86 0.00	70.92 -1.08 0.00	70.78 -1.37 0.00	85.15 -2.09 0.00	85.86 -2.11 0.00	85.69 -2.56 0.00	72.09 -1.55 0.00	70.85 -0.86 0.00	70.76 -0.93 0.00	70.77 -1.08 0.00	70.77 -1.00 0.00	70.77 -1.00 0.00	70.70 -1.22 0.00	70.70 -1.22 0.00	80.96 -1.74 0.00	78.80 -1.77 0.00	70.70 -1.59 0.00	73.87 -1.82 0.00	70.69 -1.37 0.00	70.77 -1.08 0.00	70.84 -0.86 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	101.68 4.22 -16.24	85.03 3.67 -9.43	84.16 3.58 -8.88	84.21 3.59 -8.85	87.18 3.67 -11.51	93.56 3.75 -17.65	114.08 4.89 -21.95	159.77 4.93 -66.87	132.07 5.47 -38.35	119.04 4.42 -40.98	100.13 4.30 -24.11	95.44 4.30 -19.44	90.81 4.31 -14.65	87.93 4.31 -11.85	83.09 4.45 -6.87	96.58 4.32 -20.34	108.59 4.39 -32.29	153.74 5.21 -65.83	149.83 5.16 -64.10	120.57 4.55 -43.72	108.91 4.62 -28.61	96.00 4.25 -19.69	101.18 4.02 -25.31	101.46 3.66 -26.10
SWANROAD_115KV_TB1 355699	74.76 -9.10 -2.64	65.06 -8.49 -1.61	64.47 -8.75 -1.52	64.82 -8.47 -1.51	65.91 -8.06 -1.97	66.70 -8.08 -2.63	80.37 -9.86 -2.98	74.87 -10.12 2.98	74.56 -11.30 2.40	64.62 -8.40 0.62	62.68 -7.39 1.64	60.82 -8.53 2.35	59.93 -9.84 2.08	58.76 -9.83 3.19	59.02 -9.62 3.14	60.02 -9.57 2.33	60.58 -10.50 0.84	68.97 -11.16 2.56	66.79 -10.96 2.82	60.28 -10.34 1.67	69.27 -9.84 -3.42	64.94 -9.94 -2.82	65.04 -9.99 -3.18	65.77 -9.11 -3.17
SYNERGY___BIOGAS 323694	78.54 -5.11 -2.44	68.44 -4.96 -1.47	67.71 -5.38 -1.39	67.99 -5.17 -1.38	69.19 -4.61 -1.80	70.23 -4.33 -2.41	85.09 -4.88 -2.73	84.12 -4.92 -1.07	83.18 -5.56 -0.49	70.10 -4.79 -1.24	64.77 -6.95 -0.01	64.50 -6.52 0.67	64.70 -6.47 0.69	63.37 -7.32 1.52	62.75 -7.32 1.71	65.17 -6.11 0.64	65.93 -7.12 -1.13	76.37 -7.61 -1.28	74.30 -7.17 -0.90	67.09 -6.36 -1.16	73.53 -5.37 -3.21	68.91 -5.77 -2.61	68.57 -6.25 -2.97	69.17 -5.52 -2.99
SYRACUSE___ENERGY_ST1 323597	82.00 -0.97 -1.76	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.07	87.12 -0.44 -0.31	93.28 -0.35 -5.66	88.99 -0.53 -1.27	76.37 -0.88 -3.61	73.39 -0.93 -2.62	72.66 -1.15 -2.11	72.15 -1.29 -1.59	71.84 -1.22 -1.29	71.37 -1.15 -0.75	73.12 -1.01 -2.21	73.03 -0.79 -1.91	87.75 -0.50 -5.55	85.45 -0.48 -5.36	74.79 -0.58 -3.08	76.59 -0.61 -1.51	71.66 -0.94 -0.54	71.85 -1.15 -1.15	73.31 -1.22 -2.83
SYRACUSE___ENERGY_ST2 323598	82.00 -0.97 -1.76	70.87 -1.08 -0.02	70.41 -1.29 0.00	70.63 -1.15 0.00	71.06 -0.94 0.00	71.43 -0.79 -0.07	87.12 -0.44 -0.31	93.28 -0.35 -5.66	88.99 -0.53 -1.27	76.37 -0.88 -3.61	73.39 -0.93 -2.62	72.66 -1.15 -2.11	72.15 -1.29 -1.59	71.84 -1.22 -1.29	71.37 -1.15 -0.75	73.12 -1.01 -2.21	73.03 -0.79 -1.91	87.75 -0.50 -5.55	85.45 -0.48 -5.36	74.79 -0.58 -3.08	76.59 -0.61 -1.51	71.66 -0.94 -0.54	71.85 -1.15 -1.15	73.31 -1.22 -2.83
SYRACUSE___POWER 24017	82.00 -1.06 -1.84	70.80 -1.15 -0.02	70.34 -1.36 0.00	70.56 -1.22 0.00	70.99 -1.01 0.00	71.36 -0.87 -0.08	87.04 -0.52 -0.32	93.43 -0.44 -5.90	88.95 -0.62 -1.32	76.81 -0.88 -4.05	73.44 -1.00 -2.73	72.79 -1.15 -2.24	72.21 -1.29 -1.66	71.83 -1.29 -1.34	71.33 -1.22 -0.78	73.21 -1.08 -2.37	73.04 -0.86 -1.99	87.90 -0.58 -5.79	85.82 -0.56 -5.81	74.92 -0.58 -3.21	76.95 -0.68 -1.95	71.75 -1.01 -0.70	72.12 -1.22 -1.49	73.66 -1.29 -3.25
TALLMAN___138KV_BK151 55660	102.44 4.55 -16.68	85.57 3.96 -9.68	84.62 3.80 -9.12	84.74 3.88 -9.09	87.78 3.96 -11.82	94.32 4.04 -18.13	115.03 5.23 -22.55	161.91 5.28 -68.66	133.54 5.91 -39.38	120.57 4.86 -42.07	101.27 4.80 -24.76	96.46 4.80 -19.95	91.70 4.81 -15.04	88.75 4.81 -12.16	83.71 4.88 -7.05	97.55 4.75 -20.89	109.82 4.75 -33.15	155.91 5.62 -67.59	151.94 5.56 -65.81	122.10 4.92 -44.89	110.06 5.00 -29.37	96.89 4.61 -20.22	102.22 4.38 -25.99	102.44 3.94 -26.80
TEALLAVE_115KV_TB7 355573	81.29 -1.46 -1.53	70.43 -1.51 -0.01	69.98 -1.72 0.00	70.20 -1.58 0.00	70.63 -1.37 0.00	70.99 -1.23 -0.06	86.55 -0.96 -0.27	91.93 -0.97 -4.92	88.20 -1.15 -1.10	75.53 -1.25 -3.14	72.70 -1.29 -2.28	72.03 -1.51 -1.84	71.58 -1.65 -1.38	71.24 -1.65 -1.12	70.85 -1.58 -0.65	72.40 -1.44 -1.92	72.28 -1.29 -1.66	86.45 -1.08 -4.83	84.18 -1.05 -4.66	73.88 -1.08 -2.68	75.86 -1.14 -1.31	71.09 -1.44 -0.47	71.19 -1.65 -1.00	72.51 -1.65 -2.47
TELGRAPH_34_KV_EAST 80808	76.83 -6.90 -2.51	66.91 -6.55 -1.53	66.25 -6.88 -1.44	66.61 -6.60 -1.43	67.67 -6.19 -1.86	68.58 -6.06 -2.49	82.91 -7.15 -2.82	80.28 -7.30 0.39	79.59 -8.30 0.36	67.74 -6.48 -0.58	65.38 -5.74 0.59	63.61 -6.81 1.27	62.76 -7.90 1.19	61.84 -7.82 2.11	61.95 -7.61 2.22	63.19 -7.48 1.24	64.48 -7.98 -0.54	74.37 -8.19 0.14	71.99 -8.14 0.44	64.86 -7.74 -0.30	71.71 -7.27 -3.29	67.18 -7.57 -2.69	67.14 -7.76 -3.05	67.66 -7.10 -3.06
TEMPLE___115KV_TB 2 55572	81.31 -1.46 -1.56	70.43 -1.51 -0.02	70.05 -1.65 0.00	70.20 -1.58 0.00	70.63 -1.37 0.00	70.99 -1.23 -0.06	86.56 -0.96 -0.27	92.08 -0.88 -4.99	88.31 -1.06 -1.12	75.57 -1.25 -3.18	72.73 -1.29 -2.31	72.13 -1.43 -1.86	71.60 -1.65 -1.40	71.33 -1.58 -1.13	70.93 -1.51 -0.66	72.43 -1.44 -1.95	72.38 -1.22 -1.68	86.60 -0.99 -4.89	84.25 -1.05 -4.73	73.99 -1.01 -2.71	75.96 -1.06 -1.33	71.17 -1.37 -0.47	71.28 -1.58 -1.01	72.55 -1.65 -2.50
TIANA____69_KV_BK 1 55817	106.31 7.63 -17.46	105.30 6.98 -26.39	102.75 6.88 -24.17	102.69 6.89 -24.02	101.17 6.98 -22.18	108.62 6.93 -29.54	135.14 8.90 -38.99	167.91 8.36 -71.58	143.06 9.44 -45.37	124.86 7.36 -43.86	105.11 7.60 -25.80	98.73 6.24 -20.80	94.20 6.68 -15.67	91.56 7.11 -12.68	92.59 8.40 -12.42	111.89 7.70 -32.28	146.81 7.48 -67.42	190.15 9.10 -98.36	184.35 9.02 -94.76	174.55 8.02 -94.24	149.83 8.10 -66.04	134.27 7.49 -54.71	125.08 7.47 -45.76	106.01 6.38 -27.93
TILDEN___115KV_TB1 80814	82.00 -1.06 -1.84	70.80 -1.15 -0.02	70.34 -1.36 0.00	70.56 -1.22 0.00	70.99 -1.01 0.00	71.36 -0.87 -0.08	87.04 -0.52 -0.32	93.43 -0.44 -5.90	88.95 -0.62 -1.32	76.81 -0.88 -4.05	73.44 -1.00 -2.73	72.79 -1.15 -2.24	72.21 -1.29 -1.66	71.83 -1.29 -1.34	71.33 -1.22 -0.78	73.21 -1.08 -2.37	73.04 -0.86 -1.99	87.90 -0.58 -5.79	85.82 -0.56 -5.81	74.92 -0.58 -3.21	76.95 -0.68 -1.95	71.75 -1.01 -0.70	72.12 -1.22 -1.49	73.66 -1.29 -3.25

TRIGEN___CC 323695	105.01 6.33 -17.46	103.86 5.54 -26.39	101.25 5.38 -24.17	101.25 5.46 -24.02	99.73 5.54 -22.18	107.32 5.63 -29.54	133.30 7.07 -38.99	166.50 6.95 -71.58	141.48 7.85 -45.37	123.83 6.33 -43.86	103.89 6.38 -25.80	98.45 5.95 -20.80	93.56 6.04 -15.67	90.55 6.10 -12.68	90.72 6.53 -12.41	110.60 6.40 -32.28	145.66 6.33 -67.42	188.50 7.44 -98.36	182.66 7.33 -94.76	173.04 6.51 -94.24	148.39 6.66 -66.04	132.90 6.13 -54.71	123.57 5.96 -45.76	104.79 5.16 -27.93
TRINITY___115KV___4 BK 55933	105.86 3.41 -21.23	101.20 3.02 -26.25	99.65 3.01 -24.94	99.64 3.01 -24.85	107.36 3.02 -32.33	130.76 2.96 -55.65	161.81 3.32 -71.25	200.78 3.25 -109.55	184.76 3.62 -92.89	141.77 2.95 -65.19	106.31 3.08 -31.52	100.19 3.08 -25.41	94.16 3.16 -19.15	90.42 3.16 -15.49	83.62 2.87 -8.98	101.46 2.95 -26.59	138.85 2.59 -64.34	193.71 2.81 -108.20	189.24 2.74 -105.93	155.02 2.46 -80.27	137.86 2.65 -59.53	122.67 2.74 -47.87	130.01 2.95 -55.22	108.76 2.94 -34.12
UNION___PROCESSING_DRP 323587	79.77 -3.57 -2.13	68.43 -3.52 -0.02	67.61 -4.09 0.00	67.90 -3.88 0.00	68.40 -3.60 0.00	69.21 -3.03 -0.09	84.39 -3.23 -0.37	91.40 -3.52 -6.95	85.00 -4.94 -1.69	73.86 -3.53 -3.75	71.69 -3.23 -3.20	70.11 -4.09 -2.49	68.63 -5.17 -1.96	68.28 -5.10 -1.60	67.76 -4.95 -0.94	69.60 -4.89 -2.57	69.43 -4.89 -2.41	85.46 -4.05 -6.81	82.21 -4.43 -6.08	71.59 -4.55 -3.86	72.76 -3.86 -0.93	68.13 -4.25 -0.32	68.09 -4.45 -0.69	70.48 -3.94 -2.72
UPPER HUDSON___HYD 24058	110.19 6.99 -21.99	122.37 6.19 -44.25	119.95 6.09 -42.16	119.96 6.17 -42.01	132.93 6.26 -54.67	175.97 6.27 -97.54	221.09 7.94 -125.90	236.56 8.00 -140.58	245.24 8.39 -148.60	162.03 6.63 -81.76	110.16 5.81 -32.64	103.67 5.66 -26.31	97.29 5.61 -19.83	93.34 5.53 -16.04	86.67 5.60 -9.30	105.42 5.97 -27.54	172.01 6.33 -93.76	229.24 7.36 -139.19	224.57 7.17 -136.83	190.26 6.51 -111.46	171.28 6.81 -88.78	154.97 6.20 -76.71	162.12 5.96 -84.32	112.91 5.88 -35.34
UPPER RAQUET___HYD 24056	80.56 -0.65 0.00	71.64 -0.29 0.00	71.56 -0.14 0.00	71.49 -0.29 0.00	71.50 -0.50 0.00	71.21 -0.94 0.00	84.98 -2.27 0.00	85.68 -2.29 0.00	85.42 -2.83 0.00	72.09 -1.55 0.00	71.28 -0.43 0.00	71.20 -0.50 0.00	71.13 -0.72 0.00	71.13 -0.65 0.00	71.06 -0.72 0.00	70.55 -1.37 0.00	70.48 -1.44 0.00	80.88 -1.82 0.00	78.72 -1.85 0.00	70.49 -1.80 0.00	73.65 -2.04 0.00	70.69 -1.37 0.00	71.06 -0.79 0.00	71.41 -0.29 0.00
VALLEY44_115KV_TB2 355964	76.89 -7.55 -3.22	67.25 -6.69 -2.01	68.00 -5.59 -1.89	68.35 -5.31 -1.89	69.56 -4.90 -2.45	68.50 -6.93 -3.27	83.18 -7.76 -3.70	85.17 -8.53 -5.73	88.40 -2.65 -2.80	69.27 -7.58 -3.22	66.09 -7.31 -1.70	65.56 -6.81 -0.67	68.69 -3.59 -0.43	67.77 -3.52 0.49	67.32 -3.45 1.01	69.25 -3.38 -0.72	71.53 -3.45 -3.06	80.56 -7.94 -5.80	79.63 -5.80 -4.86	72.63 -3.47 -3.81	73.00 -6.66 -3.97	69.20 -6.27 -3.41	69.12 -6.47 -3.74	67.62 -7.74 -3.67
VALLEY___115KV_TB 1-4 80826	82.76 1.54 0.00	73.37 1.44 0.00	73.13 1.43 0.00	73.14 1.36 0.00	73.37 1.37 0.00	73.59 1.44 0.00	89.08 1.83 0.00	89.99 2.02 0.00	90.37 2.12 0.00	75.19 1.55 0.00	73.14 1.43 0.00	72.99 1.29 0.00	73.07 1.22 0.00	72.93 1.15 0.00	72.93 1.15 0.00	72.93 1.01 0.00	72.85 0.93 0.00	83.94 1.24 0.00	81.70 1.13 0.00	73.23 0.94 0.00	76.60 0.91 0.00	72.85 0.79 0.00	72.71 0.86 0.00	72.56 0.86 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	93.69 4.95 -7.52	85.11 4.46 -8.73	84.28 4.30 -8.28	84.48 4.45 -8.25	87.28 4.54 -10.74	94.56 4.76 -17.65	115.24 5.93 -22.06	132.36 6.51 -37.88	126.08 6.97 -30.86	101.18 4.93 -22.60	87.39 4.52 -11.16	85.14 4.45 -8.99	83.15 4.53 -6.78	81.71 4.45 -5.48	79.48 4.52 -3.18	86.01 4.67 -9.41	98.61 4.82 -21.87	125.95 5.87 -37.38	122.97 5.80 -36.60	104.97 5.21 -27.47	101.01 5.15 -20.17	92.79 4.68 -16.04	94.80 4.31 -18.65	87.86 4.09 -12.08
VISCHER___FERRY HYD 24020	107.54 4.79 -21.53	113.83 4.24 -37.65	111.70 4.16 -35.85	111.66 4.16 -35.72	122.73 4.25 -46.48	158.61 4.26 -82.20	198.35 5.23 -105.87	221.79 5.19 -128.63	221.87 5.56 -128.06	153.45 4.49 -75.32	107.90 4.23 -31.97	101.62 4.16 -25.76	95.43 4.17 -19.42	91.64 4.16 -15.70	85.04 4.16 -9.10	103.20 4.31 -26.97	159.02 4.31 -82.78	214.92 4.96 -127.26	210.36 4.83 -124.96	176.42 4.41 -99.71	158.29 4.69 -77.90	142.54 4.40 -66.08	149.69 4.31 -73.53	110.46 4.16 -34.60
V_A_10_SYNC_DSASP 323832	77.50 -6.09 -2.38	67.46 -5.90 -1.43	66.59 -6.45 -1.35	66.95 -6.17 -1.34	67.92 -5.83 -1.75	69.07 -5.41 -2.34	83.53 -6.37 -2.65	81.31 -7.04 -0.38	79.33 -8.30 0.62	68.29 -6.26 -0.91	62.50 -8.97 0.25	62.46 -8.32 0.92	62.70 -8.26 0.89	61.27 -8.76 1.75	60.90 -8.97 1.90	62.98 -8.05 0.89	63.23 -9.06 -0.38	73.25 -10.42 -0.97	71.09 -9.75 -0.27	64.21 -8.24 -0.16	71.65 -7.19 -3.16	67.34 -7.28 -2.55	67.15 -7.62 -2.92	68.26 -6.38 -2.94
V_CMM_10_SYNC_DSASP 323787	80.24 -0.97 0.00	71.28 -0.65 0.00	71.27 -0.43 0.00	71.20 -0.58 0.00	71.21 -0.79 0.00	71.07 -1.08 0.00	85.41 -1.84 0.00	86.12 -1.85 0.00	85.87 -2.38 0.00	72.32 -1.32 0.00	71.13 -0.58 0.00	71.12 -0.58 0.00	71.06 -0.79 0.00	71.06 -0.72 0.00	70.99 -0.79 0.00	70.91 -1.01 0.00	70.91 -1.01 0.00	81.21 -1.49 0.00	79.12 -1.45 0.00	70.92 -1.38 0.00	74.09 -1.59 0.00	70.98 -1.08 0.00	71.06 -0.79 0.00	71.12 -0.58 0.00
V_CMP_10_SYNC_DSASP 323788	80.48 -0.73 0.00	71.35 -0.58 0.00	71.27 -0.43 0.00	71.06 -0.72 0.00	70.99 -1.01 0.00	70.42 -1.73 0.00	84.45 -2.80 0.00	85.33 -2.64 0.00	84.89 -3.35 0.00	71.50 -2.14 0.00	70.20 -1.51 0.00	70.05 -1.65 0.00	69.91 -1.94 0.00	69.84 -1.93 0.00	69.77 -2.01 0.00	69.61 -2.30 0.00	69.69 -2.23 0.00	79.88 -2.81 0.00	77.83 -2.74 0.00	69.62 -2.67 0.00	72.89 -2.80 0.00	69.75 -2.31 0.00	69.76 -2.09 0.00	70.48 -1.22 0.00
V_D_10_SYNC_DSASP 323841	80.65 -0.56 0.00	71.64 -0.29 0.00	71.63 -0.07 0.00	71.56 -0.21 0.00	71.50 -0.50 0.00	71.43 -0.72 0.00	85.68 -1.57 0.00	86.39 -1.58 0.00	86.22 -2.03 0.00	72.61 -1.03 0.00	71.49 -0.21 0.00	71.41 -0.29 0.00	71.35 -0.50 0.00	71.42 -0.36 0.00	71.28 -0.50 0.00	71.13 -0.79 0.00	71.13 -0.79 0.00	81.54 -1.16 0.00	79.36 -1.21 0.00	71.13 -1.16 0.00	74.33 -1.36 0.00	71.20 -0.86 0.00	71.35 -0.50 0.00	71.48 -0.21 0.00
V_E_10_SYNC_DSASP 323830	92.44 5.85 -5.37	81.73 5.18 -4.62	80.95 4.88 -4.37	81.23 5.10 -4.35	83.14 5.47 -5.67	87.32 6.06 -9.11	106.56 7.94 -11.38	124.46 8.80 -27.69	116.25 8.74 -19.26	96.63 4.93 -18.06	84.68 3.73 -9.25	83.06 3.44 -7.92	81.16 3.45 -5.86	80.17 3.30 -5.09	78.40 3.37 -3.25	84.08 3.81 -8.35	91.19 4.75 -14.53	116.34 6.53 -27.12	114.85 6.36 -27.92	96.90 5.57 -19.04	95.28 5.37 -14.22	86.52 4.68 -9.78	88.34 3.88 -12.61	85.79 3.58 -10.51
V_F_30_NSYNC___DSASP 323816	108.90 5.77 -21.92	120.37 5.11 -43.33	118.00 5.02 -41.28	118.01 5.10 -41.14	130.71 5.19 -53.53	172.75 5.20 -95.40	216.81 6.46 -123.10	233.28 6.42 -138.89	240.77 6.80 -145.73	159.79 5.31 -80.84	108.98 4.73 -32.54	102.66 4.73 -26.23	96.28 4.67 -19.77	92.42 4.66 -15.99	85.78 4.74 -9.27	104.40 5.03 -27.45	169.39 5.25 -92.22	226.31 6.12 -137.50	221.68 5.96 -135.15	187.53 5.42 -109.81	168.62 5.68 -87.25	152.47 5.19 -75.22	159.68 5.03 -82.81	111.80 4.88 -35.22

V_F_30_SYNC_DSASP 323786	106.13 3.49 -21.42	105.98 3.09 -30.95	104.22 3.08 -29.44	104.20 3.09 -29.33	113.26 3.10 -38.17	141.71 2.96 -66.60	176.10 3.32 -85.54	208.85 3.25 -117.63	199.40 3.71 -107.44	146.16 3.02 -69.50	106.59 3.08 -31.80	100.41 3.08 -25.63	94.33 3.16 -19.32	90.63 3.23 -15.62	83.77 2.94 -9.06	101.70 2.95 -26.83	146.52 2.59 -72.02	201.77 2.81 -116.27	197.28 2.74 -113.97	163.15 2.46 -88.40	145.42 2.57 -67.16	130.20 2.74 -55.40	137.61 2.95 -62.82	109.06 2.94 -34.42
V_XM_10_SYNC_DSASP 323789	80.48 -0.73 0.00	71.35 -0.58 0.00	71.27 -0.43 0.00	71.06 -0.72 0.00	70.99 -1.01 0.00	70.42 -1.73 0.00	84.45 -2.80 0.00	85.33 -2.64 0.00	84.89 -3.35 0.00	71.50 -2.14 0.00	70.20 -1.51 0.00	70.05 -1.65 0.00	69.91 -1.94 0.00	69.84 -1.93 0.00	69.77 -2.01 0.00	69.61 -2.30 0.00	69.69 -2.23 0.00	79.88 -2.81 0.00	77.83 -2.74 0.00	69.62 -2.67 0.00	72.89 -2.80 0.00	69.75 -2.31 0.00	69.76 -2.09 0.00	70.48 -1.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	102.78 4.79 -16.77	85.84 4.17 -9.74	84.96 4.09 -9.17	85.01 4.09 -9.14	88.07 4.18 -11.89	94.65 4.26 -18.24	115.43 5.50 -22.69	162.66 5.63 -69.06	134.13 6.27 -39.62	121.11 5.15 -42.32	101.63 5.02 -24.90	96.79 5.02 -20.07	92.00 5.03 -15.13	89.03 5.02 -12.23	84.04 5.17 -7.09	97.96 5.03 -21.01	110.23 4.96 -33.35	156.64 5.95 -67.99	152.65 5.88 -66.20	122.65 5.21 -45.15	110.53 5.30 -29.55	97.23 4.83 -20.34	102.66 4.67 -26.14	102.81 4.16 -26.95
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	104.12 5.52 -17.38	86.93 4.89 -10.11	86.38 5.16 -9.52	86.43 5.17 -9.48	89.67 5.33 -12.34	96.50 5.41 -18.94	117.87 7.07 -23.55	166.87 7.30 -71.59	137.46 8.12 -41.10	124.36 6.85 -43.87	104.26 6.74 -25.81	99.24 6.74 -20.80	94.28 6.75 -15.68	91.20 6.75 -12.68	85.94 6.82 -7.35	100.31 6.62 -21.77	112.97 6.47 -34.58	160.79 7.61 -70.48	156.61 7.41 -68.63	125.61 6.51 -46.82	112.99 6.66 -30.64	99.21 6.05 -21.10	104.85 5.89 -27.11	105.15 5.52 -27.93
W50THST__13_KV_LOAD 356117	104.53 5.93 -17.38	87.22 5.18 -10.11	86.38 5.16 -9.52	86.50 5.24 -9.48	89.67 5.33 -12.34	96.57 5.48 -18.94	117.95 7.15 -23.55	166.87 7.30 -71.59	137.46 8.12 -41.10	124.36 6.85 -43.87	104.33 6.81 -25.81	99.31 6.81 -20.80	94.35 6.83 -15.68	91.27 6.82 -12.68	86.02 6.89 -7.35	100.31 6.62 -21.77	113.04 6.54 -34.58	160.79 7.61 -70.48	156.61 7.41 -68.63	125.69 6.58 -46.82	112.99 6.66 -30.64	99.29 6.13 -21.10	104.93 5.96 -27.11	105.22 5.59 -27.93
WADING RIVER_IC_1 23522	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.90 6.21 -29.54	134.18 7.94 -38.99	166.94 7.39 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	92.02 7.82 -12.42	111.17 6.97 -32.28	146.02 6.69 -67.42	189.32 8.27 -98.36	183.38 8.06 -94.76	173.69 7.16 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.36 6.75 -45.76	105.29 5.66 -27.93
WADING RIVER_IC_2 23547	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.90 6.21 -29.54	134.18 7.94 -38.99	166.94 7.39 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	92.02 7.82 -12.42	111.17 6.97 -32.28	146.02 6.69 -67.42	189.32 8.27 -98.36	183.38 8.06 -94.76	173.69 7.16 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.36 6.75 -45.76	105.29 5.66 -27.93
WADING RIVER_IC_3 23601	105.34 6.66 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.12 6.32 -24.02	100.59 6.41 -22.18	107.90 6.21 -29.54	134.18 7.94 -38.99	166.94 7.39 -71.58	142.18 8.56 -45.37	124.20 6.70 -43.86	104.75 7.24 -25.80	98.38 5.88 -20.80	93.99 6.47 -15.67	91.27 6.82 -12.68	92.02 7.82 -12.42	111.17 6.97 -32.28	146.02 6.69 -67.42	189.32 8.27 -98.36	183.38 8.06 -94.76	173.69 7.16 -94.24	149.15 7.42 -66.04	133.62 6.85 -54.71	124.36 6.75 -45.76	105.29 5.66 -27.93
WALDENNY_12_KV_BK2 80841	76.83 -7.23 -2.84	66.84 -6.83 -1.75	66.53 -6.81 -1.65	66.96 -6.46 -1.64	68.09 -6.05 -2.14	68.44 -6.57 -2.85	82.88 -7.59 -3.23	73.05 -8.27 6.65	76.02 -7.15 5.08	64.05 -7.22 2.38	62.04 -6.53 3.15	60.66 -7.17 3.87	61.46 -7.04 3.35	60.10 -6.96 4.71	60.58 -6.75 4.45	61.28 -6.76 3.88	62.07 -7.19 2.66	67.91 -8.85 5.93	66.31 -8.06 6.21	61.06 -6.94 4.30	71.80 -7.49 -3.60	67.59 -7.49 -3.02	67.60 -7.62 -3.36	67.58 -7.46 -3.34
WALDEN__HYDRO 24148	102.85 4.79 -16.84	85.97 4.17 -9.87	85.01 4.02 -9.30	85.13 4.09 -9.26	88.23 4.18 -12.05	94.94 4.26 -18.53	115.80 5.50 -23.06	163.10 5.63 -69.50	134.48 6.18 -40.06	121.15 4.93 -42.57	101.38 4.66 -25.01	96.52 4.66 -20.16	91.71 4.67 -15.19	88.73 4.67 -12.29	83.71 4.81 -7.12	97.76 4.75 -21.10	110.44 4.89 -33.63	156.99 5.87 -68.42	153.00 5.80 -66.63	122.92 5.13 -45.49	110.73 5.22 -29.82	97.39 4.76 -20.57	102.77 4.53 -26.40	102.85 4.09 -27.07
WARRENSBURG____ 23737	110.19 6.99 -21.99	122.37 6.19 -44.25	119.95 6.09 -42.16	119.96 6.17 -42.01	132.93 6.26 -54.67	175.97 6.27 -97.54	221.09 7.94 -125.90	236.56 8.00 -140.58	245.24 8.39 -148.60	162.03 6.63 -81.76	110.16 5.81 -32.64	103.67 5.66 -26.31	97.29 5.61 -19.83	93.34 5.53 -16.04	86.67 5.60 -9.30	105.42 5.97 -27.54	172.01 6.33 -93.76	229.24 7.36 -139.19	224.57 7.17 -136.83	190.26 6.51 -111.46	171.28 6.81 -88.78	154.97 6.20 -76.71	162.12 5.96 -84.32	112.91 5.88 -35.34
WATERSIDE____6 8 9 23538	100.65 5.60 -13.83	84.61 4.96 -7.72	83.62 4.73 -7.19	83.73 4.81 -7.15	86.91 4.90 -10.02	93.67 4.91 -16.61	114.22 6.28 -20.69	161.99 6.33 -67.69	132.57 7.15 -37.17	118.84 6.11 -39.09	99.32 6.17 -21.45	94.33 6.17 -16.47	89.01 6.18 -10.98	85.69 6.17 -7.74	80.40 6.24 -2.38	94.74 5.97 -16.85	107.49 5.90 -29.68	148.56 6.86 -59.00	144.36 6.77 -57.02	116.13 6.00 -37.83	103.77 6.13 -21.95	94.39 5.55 -16.78	100.68 5.60 -23.23	104.74 5.09 -27.95
WATKINRD_115KV_LN8_ILLION 55919	82.76 1.54 0.00	73.37 1.44 0.00	73.06 1.36 0.00	73.14 1.36 0.00	73.37 1.37 0.00	73.59 1.44 0.00	89.08 1.83 0.00	89.91 1.94 0.00	90.28 2.03 0.00	75.11 1.47 0.00	73.14 1.43 0.00	72.99 1.29 0.00	73.14 1.29 0.00	73.00 1.22 0.00	73.07 1.29 0.00	73.14 1.22 0.00	73.07 1.15 0.00	84.18 1.49 0.00	82.02 1.45 0.00	73.59 1.30 0.00	76.97 1.29 0.00	73.21 1.15 0.00	73.00 1.15 0.00	72.77 1.08 0.00
WATSON__69_KV_BK 1 55734	106.48 7.80 -17.46	105.23 6.91 -26.39	102.61 6.74 -24.17	102.62 6.82 -24.02	101.10 6.91 -22.18	108.76 7.07 -29.54	135.40 9.16 -38.99	168.17 8.62 -71.58	143.51 9.88 -45.37	125.23 7.73 -43.86	105.40 7.89 -25.80	99.52 7.03 -20.80	94.78 7.26 -15.67	91.92 7.46 -12.68	92.45 8.25 -12.42	112.25 8.05 -32.28	147.25 7.91 -67.42	190.40 9.34 -98.36	184.51 9.18 -94.76	174.70 8.17 -94.24	150.13 8.40 -66.04	134.55 7.78 -54.71	125.37 7.76 -45.76	106.30 6.67 -27.93
WDELAWARE__HYD 323627	101.86 4.79 -15.85	85.65 4.10 -9.62	84.77 4.01 -9.06	84.82 4.02 -9.03	87.85 4.10 -11.75	94.68 4.33 -18.20	115.60 5.67 -22.69	159.70 5.80 -65.93	133.21 6.27 -38.70	118.62 4.64 -40.34	99.40 4.16 -23.53	94.82 4.16 -18.97	90.24 4.09 -14.30	87.36 4.02 -11.56	82.71 4.23 -6.70	96.09 4.31 -19.85	108.76 4.67 -32.17	153.48 5.87 -64.91	149.51 5.72 -63.22	120.71 5.06 -43.36	109.42 5.15 -28.58	96.62 4.68 -19.88	101.52 4.31 -25.36	101.11 3.94 -25.47

WEST BABYLON___IC 23714	106.23 7.55 -17.46	105.01 6.69 -26.39	102.39 6.52 -24.17	102.33 6.53 -24.02	100.88 6.70 -22.18	108.48 6.78 -29.54	135.05 8.81 -38.99	167.91 8.36 -71.58	143.15 9.53 -45.37	125.01 7.51 -43.86	105.11 7.60 -25.80	99.38 6.88 -20.80	94.56 7.04 -15.67	91.70 7.25 -12.68	92.09 7.90 -12.42	111.96 7.77 -32.28	147.03 7.70 -67.42	190.07 9.01 -98.36	184.19 8.86 -94.76	174.41 7.88 -94.24	149.83 8.10 -66.04	134.27 7.49 -54.71	125.01 7.40 -45.76	106.01 6.38 -27.93
WEST CANADA___HYD 24049	81.86 0.65 0.00	72.50 0.57 0.00	72.20 0.51 0.00	72.28 0.51 0.00	72.57 0.57 0.00	72.72 0.57 0.00	87.94 0.69 0.00	88.76 0.79 0.00	89.13 0.88 0.00	74.23 0.59 0.00	72.21 0.51 0.00	72.20 0.51 0.00	72.42 0.57 0.00	72.28 0.51 0.00	72.28 0.51 0.00	72.49 0.57 0.00	72.43 0.51 0.00	83.35 0.66 0.00	81.21 0.64 0.00	72.87 0.58 0.00	76.29 0.60 0.00	72.64 0.57 0.00	72.35 0.51 0.00	72.20 0.51 0.00
WESTERN_NY_WIND 24143	78.32 -5.36 -2.47	68.24 -5.18 -1.49	67.51 -5.59 -1.41	67.87 -5.31 -1.40	69.00 -4.82 -1.83	70.04 -4.55 -2.44	84.86 -5.15 -2.77	83.28 -5.19 -0.50	82.05 -6.35 -0.16	69.62 -5.01 -0.98	67.11 -4.37 0.22	65.27 -5.52 0.91	64.43 -6.54 0.88	63.57 -6.46 1.75	63.63 -6.24 1.91	64.93 -6.11 0.87	66.42 -6.40 -0.90	77.47 -5.95 -0.72	74.74 -6.20 -0.38	67.12 -6.00 -0.83	73.48 -5.45 -3.24	68.72 -5.98 -2.64	68.60 -6.25 -3.00	69.05 -5.66 -3.02
WESTOVER___LESR 323668	86.20 -0.57 -5.55	74.94 -0.72 -3.73	74.50 -0.72 -3.52	74.71 -0.57 -3.51	76.20 -0.36 -4.56	78.78 -0.51 -7.14	96.06 -0.09 -8.90	111.37 -0.26 -23.66	103.32 0.44 -14.63	86.74 -0.74 -13.83	79.09 -0.86 -8.24	77.25 -1.00 -6.56	76.21 -0.65 -5.01	75.18 -0.65 -4.05	73.55 -0.57 -2.35	78.31 -0.43 -6.83	83.54 -0.22 -11.84	105.54 -0.41 -23.26	102.82 -0.16 -22.41	88.08 0.00 -15.78	85.03 -0.45 -9.80	78.58 -0.72 -7.24	79.76 -0.93 -8.84	78.93 -1.08 -8.30
WETHRSFD_WT_PWR 323626	77.36 -7.07 -3.21	67.24 -6.69 -2.00	66.77 -6.81 -1.89	67.13 -6.53 -1.88	68.25 -6.19 -2.45	68.78 -6.64 -3.26	83.26 -7.68 -3.69	29.23 -8.18 50.57	47.55 -7.06 33.63	43.57 -7.58 22.48	42.33 -8.68 20.70	42.15 -8.61 20.94	45.61 -8.70 17.55	41.81 -8.83 21.14	44.75 -8.83 18.20	42.34 -8.41 21.17	40.69 -8.41 22.81	26.35 -9.34 47.00	25.56 -8.95 46.07	31.08 -8.03 33.19	72.18 -7.27 -3.76	68.11 -7.28 -3.32	67.87 -7.54 -3.57	67.81 -7.38 -3.49
WHAVSTOR_138KV_BK127 55557	102.47 4.47 -16.79	85.57 3.88 -9.75	84.61 3.73 -9.18	84.73 3.80 -9.15	87.79 3.89 -11.91	94.38 3.97 -18.26	115.02 5.06 -22.71	162.30 5.19 -69.14	133.73 5.82 -39.66	120.79 4.79 -42.36	101.37 4.73 -24.93	96.52 4.73 -20.09	91.73 4.74 -15.14	88.76 4.74 -12.25	83.68 4.81 -7.10	97.62 4.67 -21.03	109.90 4.60 -33.38	156.21 5.46 -68.06	152.24 5.40 -66.27	122.26 4.77 -45.20	110.11 4.84 -29.58	96.89 4.47 -20.36	102.33 4.31 -26.17	102.55 3.87 -26.98
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	102.47 4.47 -16.79	85.57 3.88 -9.75	84.61 3.73 -9.18	84.73 3.80 -9.15	87.79 3.89 -11.91	94.38 3.97 -18.26	115.02 5.06 -22.71	162.30 5.19 -69.14	133.73 5.82 -39.66	120.79 4.79 -42.36	101.37 4.73 -24.93	96.52 4.73 -20.09	91.73 4.74 -15.14	88.76 4.74 -12.25	83.68 4.81 -7.10	97.62 4.67 -21.03	109.90 4.60 -33.38	156.21 5.46 -68.06	152.24 5.40 -66.27	122.26 4.77 -45.20	110.11 4.84 -29.58	96.89 4.47 -20.36	102.33 4.31 -26.17	102.55 3.87 -26.98
WHITEHAL_115KV_TB1 80871	111.85 8.69 -21.95	123.44 7.77 -43.74	121.11 7.74 -41.67	121.12 7.82 -41.52	133.95 7.92 -54.03	176.51 8.01 -96.35	221.71 10.12 -124.34	237.73 10.12 -139.64	245.84 10.59 -147.00	163.21 8.32 -81.25	111.75 7.46 -32.59	105.13 7.17 -26.26	98.75 7.11 -19.79	94.75 6.96 -16.01	88.31 7.25 -9.28	107.18 7.77 -27.49	173.09 8.27 -92.90	230.45 9.51 -138.24	225.81 9.35 -135.89	191.36 8.53 -110.54	172.17 8.55 -87.93	155.72 7.78 -75.88	162.79 7.47 -83.47	114.36 7.38 -35.27
WHITEPLN_13_KV_LOAD 356215	104.41 5.85 -17.35	87.13 5.11 -10.09	86.15 4.95 -9.50	86.27 5.02 -9.47	89.50 5.18 -12.32	96.32 5.27 -18.90	117.47 6.72 -23.51	166.37 6.95 -71.45	136.94 7.68 -41.02	123.75 6.33 -43.78	103.63 6.17 -25.75	98.69 6.24 -20.76	93.74 6.25 -15.64	90.60 6.17 -12.65	85.43 6.32 -7.33	99.83 6.19 -21.73	112.54 6.11 -34.51	160.32 7.28 -70.34	156.31 7.25 -68.49	125.45 6.43 -46.72	112.70 6.43 -30.58	99.03 5.91 -21.06	104.59 5.68 -27.06	104.67 5.09 -27.88
WM_FLOYD_69_KV_BK2 356380	105.83 7.15 -17.46	104.72 6.40 -26.39	102.18 6.31 -24.17	102.11 6.32 -24.02	100.59 6.41 -22.18	108.12 6.42 -29.54	134.53 8.29 -38.99	167.29 7.74 -71.58	142.53 8.91 -45.37	124.42 6.92 -43.86	104.61 7.10 -25.80	98.45 5.95 -20.80	93.84 6.32 -15.67	91.13 6.68 -12.68	92.02 7.82 -12.42	111.46 7.26 -32.28	146.38 7.05 -67.42	189.57 8.52 -98.36	183.70 8.38 -94.76	173.98 7.45 -94.24	149.30 7.57 -66.04	133.83 7.06 -54.71	124.65 7.04 -45.76	105.65 6.02 -27.93
WOODARD___115KV_TB2 355635	81.24 -1.54 -1.57	70.36 -1.58 -0.02	69.98 -1.72 0.00	70.13 -1.65 0.00	70.56 -1.44 0.00	70.92 -1.30 -0.06	86.38 -1.13 -0.27	91.94 -1.06 -5.03	88.14 -1.24 -1.13	75.52 -1.33 -3.20	72.67 -1.36 -2.32	72.07 -1.51 -1.87	71.54 -1.72 -1.41	71.27 -1.65 -1.14	70.86 -1.58 -0.66	72.37 -1.51 -1.96	72.24 -1.37 -1.69	86.46 -1.16 -4.93	84.12 -1.21 -4.76	73.87 -1.16 -2.73	75.81 -1.21 -1.34	71.03 -1.51 -0.48	71.21 -1.65 -1.02	72.49 -1.72 -2.52
YORK___WARBASSE 23770	129.37 5.85 -42.31	103.89 5.11 -26.85	102.46 4.95 -25.81	102.58 4.95 -25.85	105.68 5.04 -28.64	112.44 5.05 -35.24	137.32 6.46 -43.62	193.65 6.60 -99.08	164.28 7.41 -68.62	157.35 6.33 -77.37	134.45 6.38 -56.36	129.17 6.31 -51.17	126.80 6.39 -48.56	125.45 6.39 -47.29	120.40 6.46 -42.17	134.44 6.26 -56.27	147.07 6.19 -68.97	240.98 7.28 -151.01	237.72 7.17 -149.98	188.51 6.43 -109.79	173.76 6.51 -91.56	129.27 5.84 -51.37	131.93 5.75 -54.33	122.31 5.23 -45.38