

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/15/2025

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	86.61	83.95	87.98	92.46	113.94	183.51	182.50	220.87	217.86	123.32	119.93	103.40	109.40	108.22	108.14	133.33	193.91	234.95	272.34	147.22	134.63	138.58	129.79	127.32
24138	7.54	7.34	7.49	7.75	9.30	15.06	15.84	20.01	19.38	11.66	10.36	9.99	7.35	8.30	4.46	4.59	4.51	6.77	13.41	7.25	12.31	7.99	5.99	7.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.73	-17.29	-4.10	-37.43	-27.61	-64.05	-88.09	-148.66	-165.29	-132.25	-69.71	-1.21	-48.48	-59.33	-41.07
74TH STREET_GT_1	86.75	84.11	88.18	92.66	114.16	183.80	182.81	221.21	218.31	123.51	119.97	103.30	109.25	108.08	108.10	133.30	193.89	234.97	272.50	147.33	134.76	138.73	129.93	127.50
24260	7.68	7.50	7.69	7.96	9.52	15.34	16.16	20.35	19.84	11.85	10.39	9.89	7.18	8.15	4.40	4.53	4.45	6.75	13.52	7.35	12.44	8.14	6.12	7.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.73	-17.30	-4.10	-37.45	-27.62	-64.07	-88.11	-148.69	-165.33	-132.28	-69.72	-1.21	-48.49	-59.34	-41.08
74TH STREET_GT_2	86.75	84.11	88.18	92.66	114.16	183.80	182.81	221.21	218.31	123.51	119.97	103.30	109.25	108.08	108.10	133.30	193.89	234.97	272.50	147.33	134.76	138.73	129.93	127.50
24261	7.68	7.50	7.69	7.96	9.52	15.34	16.16	20.35	19.84	11.85	10.39	9.89	7.18	8.15	4.40	4.53	4.45	6.75	13.52	7.35	12.44	8.14	6.12	7.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.73	-17.30	-4.10	-37.45	-27.62	-64.07	-88.11	-148.69	-165.33	-132.28	-69.72	-1.21	-48.49	-59.34	-41.08
ADK HUDSON___FALLS	85.11	82.41	86.55	91.06	112.70	181.84	179.71	218.37	214.98	117.07	98.50	95.48	67.52	92.31	129.64	134.01	128.31	151.98	208.56	166.44	136.95	151.74	146.06	138.13
24011	6.04	5.80	6.06	6.35	8.07	13.38	13.05	17.51	16.50	8.28	7.08	6.37	4.77	5.80	3.38	3.78	3.82	5.95	11.89	6.68	11.36	7.38	5.41	6.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.86	0.20	1.87	-14.20	-86.64	-89.57	-83.76	-83.14	-69.98	-89.50	-4.48	-62.25	-76.18	-52.74
ADK RESOURCE___RCVRY	85.42	82.71	86.86	91.39	113.17	182.87	180.61	220.01	216.42	117.70	98.98	95.85	67.73	92.74	129.98	134.42	128.62	152.46	209.59	167.01	137.86	152.30	146.50	138.54
23798	6.35	6.10	6.37	6.69	8.53	14.42	13.95	19.14	17.95	8.91	7.58	6.74	5.01	6.24	3.66	4.16	4.15	6.41	12.75	7.18	12.25	7.90	5.80	6.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.88	0.21	1.91	-14.19	-86.70	-89.61	-83.74	-83.16	-70.14	-89.57	-4.50	-62.30	-76.23	-52.78
ADK S GLENS___FALLS	85.11	82.41	86.55	91.06	112.70	181.84	179.71	218.37	214.98	117.07	98.50	95.48	67.52	92.31	129.64	134.01	128.31	151.98	208.56	166.44	136.95	151.74	146.06	138.13
24028	6.04	5.80	6.06	6.35	8.07	13.38	13.05	17.51	16.50	8.28	7.08	6.37	4.77	5.80	3.38	3.78	3.82	5.95	11.89	6.68	11.36	7.38	5.41	6.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.86	0.20	1.87	-14.20	-86.64	-89.57	-83.76	-83.14	-69.98	-89.50	-4.48	-62.25	-76.18	-52.74
ADK_NYS___DAM	85.28	82.67	86.77	91.27	112.79	180.73	177.78	215.76	213.07	116.59	99.66	95.74	70.72	93.21	126.44	132.21	131.92	153.89	201.66	161.95	133.80	148.56	142.92	135.94
23527	6.21	6.06	6.28	6.57	8.15	12.27	11.12	14.90	14.60	7.55	6.66	6.26	4.53	5.72	3.28	3.29	3.16	4.76	9.63	5.42	9.24	6.46	5.03	6.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.72	-0.17	-1.57	-15.17	-83.54	-88.26	-88.02	-86.24	-65.35	-86.26	-3.45	-60.00	-73.42	-50.83
AIR_PRODUCTS___DRP	82.32	79.81	83.80	88.16	108.84	174.61	172.10	207.03	204.33	112.46	94.41	92.34	63.95	88.24	124.92	127.89	119.73	135.51	172.81	159.07	127.96	144.90	140.71	133.54
24190	3.25	3.20	3.31	3.46	4.20	6.16	5.45	6.17	5.85	3.76	3.58	3.38	2.47	2.77	1.40	1.28	1.41	2.12	4.27	2.22	4.06	2.57	2.54	3.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	1.45	0.34	3.14	-13.16	-83.89	-85.96	-77.59	-70.50	-41.84	-86.59	-2.79	-60.23	-73.70	-51.03
AKWESSNE_115KV_BK	77.17	74.62	78.45	82.51	102.03	164.02	161.49	195.01	193.30	105.02	88.78	86.37	62.49	70.00	38.01	38.95	39.04	60.50	122.12	67.72	116.99	79.64	62.71	77.01
355683	-1.90	-1.99	-2.04	-2.20	-2.61	-4.44	-5.17	-5.85	-5.17	-3.91	-3.49	-2.94	-2.14	-2.31	-1.61	-1.70	-1.69	-2.39	-4.58	-2.54	-4.11	-2.46	-1.76	-2.08
	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	83.23	80.71	84.77	89.24	110.19	176.98	174.55	210.19	206.86	113.34	95.58	92.59	65.93	89.04	122.92	127.48	122.60	138.48	173.83	158.66	129.55	145.22	140.08	133.49
323833	4.16	4.10	4.28	4.54	5.56	8.53	7.89	9.33	8.39	4.50	3.87	3.42	2.53	3.05	1.79	1.77	2.03	3.16	6.37	3.48	6.11	4.06	3.34	4.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.57	0.13	1.22	-13.67	-81.51	-85.05	-79.83	-72.43	-40.77	-84.91	-2.33	-59.06	-72.27	-50.04
ALBANY_2_SOLAR	83.19	80.68	84.75	89.19	110.16	176.90	174.45	210.12	206.72	113.31	95.57	92.57	65.90	89.02	122.91	127.47	122.54	138.42	173.68	158.63	129.52	145.19	140.07	133.44
323834	4.12	4.07	4.26	4.49	5.52	8.45	7.80	9.26	8.24	4.47	3.87	3.40	2.53	3.04	1.76	1.76	2.02	3.15	6.29	3.45	6.09	4.02	3.32	4.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.57	0.14	1.24	-13.66	-81.52	-85.05	-79.79	-72.37	-40.70	-84.92	-2.33	-59.07	-72.28	-50.04
ALBANY___1	82.32	79.81	83.80	88.16	108.84	174.61	172.10	207.03	204.33	112.46	94.41	92.34	63.95	88.24	124.92	127.89	119.73	135.51	172.81	159.07	127.96	144.90	140.71	133.54
23571	3.25	3.20	3.31	3.46	4.20	6.16	5.45	6.17	5.85	3.76	3.58	3.38	2.47	2.77	1.40	1.28	1.41	2.12	4.27	2.22	4.06	2.57	2.54	3.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	1.45	0.34	3.14	-13.16	-83.89	-85.96	-77.59	-70.50	-41.84	-86.59	-2.79	-60.23	-73.70	-51.03

ALBANY___2 23572	82.32 3.25 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.16 3.46 0.00	108.84 4.20 0.00	174.61 6.16 0.00	172.10 5.45 0.00	207.03 6.17 0.00	204.33 5.85 0.00	112.46 3.76 0.23	94.41 3.58 1.45	92.34 3.38 0.34	63.95 2.47 3.14	88.24 2.77 -13.16	124.92 1.40 -83.89	127.89 1.28 -85.96	119.73 1.41 -77.59	135.51 2.12 -70.50	172.81 4.27 -41.84	159.07 2.22 -86.59	127.96 4.06 -2.79	144.90 2.57 -60.23	140.71 2.54 -73.70	133.54 3.42 -51.03
ALBANY___3 23573	82.32 3.25 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.16 3.46 0.00	108.84 4.20 0.00	174.61 6.16 0.00	172.10 5.45 0.00	207.03 6.17 0.00	204.33 5.85 0.00	112.46 3.76 0.23	94.41 3.58 1.45	92.34 3.38 0.34	63.95 2.47 3.14	88.24 2.77 -13.16	124.92 1.40 -83.89	127.89 1.28 -85.96	119.73 1.41 -77.59	135.51 2.12 -70.50	172.81 4.27 -41.84	159.07 2.22 -86.59	127.96 4.06 -2.79	144.90 2.57 -60.23	140.71 2.54 -73.70	133.54 3.42 -51.03
ALBANY___4 23574	82.32 3.25 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.16 3.46 0.00	108.84 4.20 0.00	174.61 6.16 0.00	172.10 5.45 0.00	207.03 6.17 0.00	204.33 5.85 0.00	112.46 3.76 0.23	94.41 3.58 1.45	92.34 3.38 0.34	63.95 2.47 3.14	88.24 2.77 -13.16	124.92 1.40 -83.89	127.89 1.28 -85.96	119.73 1.41 -77.59	135.51 2.12 -70.50	172.81 4.27 -41.84	159.07 2.22 -86.59	127.96 4.06 -2.79	144.90 2.57 -60.23	140.71 2.54 -73.70	133.54 3.42 -51.03
ALBANY___LFGE 323615	82.96 3.88 0.00	80.43 3.82 0.00	84.45 3.96 0.00	88.85 4.14 0.00	109.70 5.06 0.00	176.10 7.65 0.00	173.65 7.00 0.00	209.21 8.35 0.00	206.51 8.03 0.00	113.61 4.87 0.19	95.55 4.45 1.18	93.21 4.18 0.28	65.14 3.07 2.55	89.36 3.48 -13.57	126.21 1.85 -84.73	129.63 1.79 -87.19	122.55 1.89 -79.92	140.89 2.88 -75.12	184.25 5.69 -51.86	160.76 3.08 -87.42	129.88 5.48 -3.30	146.43 3.53 -60.80	142.03 3.15 -74.41	134.67 4.07 -51.51
ALCOA_PA_115KV_PL-6C 55860	77.60 -1.47 0.00	74.90 -1.71 0.00	78.75 -1.75 0.00	82.76 -1.94 0.00	102.31 -2.33 0.00	164.28 -4.18 0.00	160.82 -5.84 0.00	195.00 -5.86 0.00	193.78 -4.69 0.00	104.55 -4.38 0.00	88.28 -4.00 0.00	85.86 -3.45 0.00	62.15 -2.47 0.00	69.84 -2.47 0.00	37.70 -1.92 0.00	38.63 -2.02 0.00	38.75 -1.98 0.00	60.11 -2.78 0.00	121.33 -5.36 0.00	67.30 -2.97 0.00	116.60 -4.51 0.00	79.62 -2.48 0.00	62.57 -1.89 0.00	76.96 -2.13 0.00
ALCOA_RYNLDS___DRP 24188	77.60 -1.47 0.00	74.90 -1.71 0.00	78.75 -1.75 0.00	82.76 -1.94 0.00	102.31 -2.33 0.00	164.28 -4.18 0.00	160.82 -5.84 0.00	195.00 -5.86 0.00	193.78 -4.69 0.00	104.55 -4.38 0.00	88.28 -4.00 0.00	85.86 -3.45 0.00	62.15 -2.47 0.00	69.84 -2.47 0.00	37.70 -1.92 0.00	38.63 -2.02 0.00	38.75 -1.98 0.00	60.11 -2.78 0.00	121.33 -5.36 0.00	67.30 -2.97 0.00	116.60 -4.51 0.00	79.62 -2.48 0.00	62.57 -1.89 0.00	76.96 -2.13 0.00
ALCOA___DSASP 323711	77.60 -1.48 0.00	74.90 -1.71 0.00	78.75 -1.74 0.00	82.77 -1.94 0.00	102.31 -2.33 0.00	164.28 -4.17 0.00	160.82 -5.83 0.00	195.01 -5.85 0.00	193.78 -4.69 0.00	104.54 -4.39 0.00	88.28 -4.00 0.00	85.86 -3.45 0.00	62.15 -2.48 0.00	69.84 -2.47 0.00	37.71 -1.92 0.00	38.64 -2.02 0.00	38.76 -1.98 0.00	60.11 -2.78 0.00	121.35 -5.34 0.00	67.32 -2.94 0.00	116.61 -4.49 0.00	79.62 -2.48 0.00	62.57 -1.90 0.00	76.96 -2.13 0.00
ALLEGHENY___COGEN 23514	78.82 -0.26 0.00	76.51 -0.09 0.00	80.92 0.42 0.00	85.60 0.90 0.00	105.96 1.32 0.00	171.69 3.24 0.00	165.63 -1.03 0.00	187.69 -13.17 0.00	186.10 -12.38 0.00	102.77 -6.29 -0.13	87.48 -5.61 -0.81	84.54 -4.96 -0.19	63.71 -2.66 -1.74	70.62 -4.27 -2.58	50.07 -1.54 -11.97	52.71 -1.46 -13.51	52.15 -1.47 -12.88	63.46 -2.25 -2.82	117.36 -6.93 2.40	68.74 -1.57 -0.04	101.57 4.21 23.75	55.39 0.75 27.47	70.17 0.11 -5.59	86.67 0.17 -7.40
ALTAMONT_115KV_TB 2 55880	82.40 3.33 0.00	79.89 3.27 0.00	83.88 3.39 0.00	88.26 3.56 0.00	108.97 4.33 0.00	175.17 6.71 0.00	173.01 6.36 0.00	208.64 7.79 0.00	205.86 7.38 0.00	112.96 4.34 0.31	94.12 3.81 1.96	92.38 3.53 0.46	62.96 2.58 4.25	87.97 3.01 -12.65	125.07 1.66 -83.78	127.56 1.70 -85.21	117.27 1.74 -74.79	131.00 2.66 -65.45	166.05 5.35 -34.01	159.82 3.02 -86.53	128.76 5.24 -2.41	145.75 3.47 -60.18	140.90 2.79 -73.65	133.54 3.47 -50.99
ALTONA_WT_PWR 323606	76.95 -2.13 0.00	74.35 -2.26 0.00	78.09 -2.41 0.00	82.20 -2.51 0.00	101.91 -2.73 0.00	164.60 -3.85 0.00	162.08 -4.58 0.00	196.15 -4.70 0.00	193.37 -5.11 0.00	105.60 -3.33 0.00	89.42 -2.86 0.00	86.83 -2.48 0.00	62.73 -1.89 0.00	70.43 -1.88 0.00	38.22 -1.40 0.00	39.17 -1.48 0.00	39.36 -1.38 0.00	60.51 -2.38 0.00	122.51 -4.18 0.00	68.22 -2.05 0.00	117.99 -3.12 0.00	80.30 -1.80 0.00	63.36 -1.11 0.00	77.80 -1.29 0.00
AMERICAN_REF_FUEL 24010	71.56 -7.51 0.00	69.51 -7.10 0.00	73.86 -6.63 0.00	78.12 -6.59 0.00	95.91 -8.72 0.00	154.14 -14.31 0.00	151.84 -14.81 0.00	177.94 -22.92 0.00	176.80 -21.68 0.00	98.46 -10.58 -0.11	83.70 -9.29 -0.71	80.17 -9.31 -0.17	59.67 -6.48 -1.53	66.68 -8.01 -2.38	46.31 -4.04 -10.72	48.65 -4.10 -12.09	48.64 -4.44 -12.34	62.56 -6.30 -5.97	114.32 -13.53 -1.16	65.83 -7.88 -3.44	93.88 -12.43 14.79	58.92 -8.38 14.80	64.17 -6.69 -6.40	78.30 -7.43 -6.64
ARKWRIGHT___SUMMIT_WT_PWR 323751	71.14 -7.93 0.00	69.36 -7.25 0.00	74.01 -6.48 0.00	78.61 -6.09 0.00	97.76 -6.87 0.00	159.09 -9.36 0.00	158.73 -7.93 0.00	188.23 -12.63 0.00	187.22 -11.26 0.00	104.70 -4.35 -0.12	88.08 -4.99 -0.79	83.15 -6.34 -0.19	62.28 -4.05 -1.71	69.35 -5.59 -2.63	49.06 -2.50 -11.93	51.08 -3.04 -13.47	51.05 -3.20 -13.51	63.85 -4.71 -5.66	116.31 -10.73 -0.35	66.41 -6.69 -2.84	91.38 -11.37 18.36	55.05 -7.72 19.34	65.11 -6.07 -6.72	79.56 -6.92 -7.39
ARTHUR KILL_GT_1 23520	105.98 7.61 -19.30	99.52 7.57 -15.34	98.85 7.75 -10.61	98.62 8.03 -5.88	113.82 9.18 0.00	183.20 14.75 0.00	190.79 16.07 -8.06	255.60 20.56 -34.18	239.50 19.85 -21.17	148.21 11.84 -27.44	119.34 9.75 -17.30	108.11 9.37 -9.44	113.47 6.76 -42.08	108.28 7.87 -28.10	131.32 4.30 -87.40	163.47 4.41 -118.40	256.84 4.38 -211.73	535.40 6.53 -465.98	427.84 13.16 -287.99	391.14 6.96 -313.91	441.58 11.74 -308.73	236.46 7.74 -146.61	190.65 5.90 -120.28	150.51 7.13 -64.28
ARTHUR_KILL_2 23512	105.74 7.37 -19.30	99.29 7.34 -15.34	98.61 7.50 -10.61	98.34 7.76 -5.88	113.50 8.86 0.00	182.65 14.20 0.00	190.28 15.55 -8.06	254.96 19.92 -34.18	238.90 19.25 -21.17	147.89 11.52 -27.44	119.07 9.49 -17.30	107.87 9.12 -9.44	113.30 6.60 -42.08	108.09 7.68 -28.10	131.21 4.19 -87.40	163.35 4.30 -118.40	256.72 4.26 -211.73	535.22 6.35 -465.98	427.45 12.76 -287.99	390.93 6.75 -313.91	441.20 11.36 -308.73	236.22 7.50 -146.61	190.44 5.69 -120.28	150.26 6.89 -64.28
ARTHUR_KILL_3 23513	106.00 6.64 -20.29	99.28 6.54 -16.13	98.30 6.65 -11.16	97.74 6.85 -6.18	112.83 8.19 0.00	181.75 13.29 0.00	189.04 13.90 -8.48	254.28 17.47 -35.95	237.67 16.93 -22.27	147.91 10.25 -28.73	117.67 9.01 -16.38	107.37 8.58 -9.48	112.94 6.23 -42.09	107.50 7.07 -28.12	132.03 3.80 -88.60	164.50 3.88 -119.97	205.85 3.81 -161.31	222.42 5.71 -153.82	255.65 11.47 -117.50	187.01 6.27 -110.48	190.31 10.59 -58.61	211.25 6.93 -122.22	191.41 5.19 -121.76	150.83 6.25 -65.49

ARTHUR_KILL_COGEN 323718	105.98 7.61 -19.30	99.52 7.57 -15.34	98.85 7.75 -10.61	98.62 8.03 -5.88	113.82 9.18 0.00	183.20 14.75 0.00	190.79 16.07 -8.06	255.60 20.56 -34.18	239.50 19.85 -21.17	148.21 11.84 -27.44	119.34 9.75 -17.30	108.11 9.37 -9.44	113.47 6.76 -42.08	108.28 7.87 -28.10	131.32 4.30 -87.40	163.47 4.41 -118.40	256.84 4.38 -211.73	535.40 6.53 -465.98	427.84 13.16 -287.99	391.14 6.96 -313.91	441.58 11.74 -308.73	236.46 7.74 -146.61	190.65 5.90 -120.28	150.51 7.13 -64.28
ASHOKAN____ 23654	88.14 9.07 0.00	85.37 8.76 0.00	89.59 9.09 0.00	94.39 9.68 0.00	116.60 11.97 0.00	188.04 19.58 0.00	187.02 20.36 0.00	226.32 25.46 0.00	222.83 24.36 0.00	122.52 12.72 -0.87	108.51 10.74 -5.50	100.58 9.97 -1.30	84.18 7.66 -11.89	98.84 8.38 -18.15	117.95 4.82 -73.50	130.20 5.00 -84.54	148.22 5.75 -101.73	174.95 9.02 -103.04	216.73 17.18 -72.86	156.59 8.04 -78.29	137.33 14.25 -1.98	145.77 9.21 -54.45	137.84 6.73 -66.63	133.70 8.48 -46.13
ASTORIA_EAST_ENERGY_CC1 323581	86.18 7.11 0.00	83.65 7.04 0.00	87.72 7.23 0.00	92.05 7.34 0.00	113.40 8.76 0.00	182.38 13.93 0.00	181.66 15.00 0.00	220.12 19.25 0.00	217.06 18.58 0.00	122.72 11.06 -2.73	119.08 9.50 -17.30	102.47 9.06 -4.11	108.60 6.53 -37.45	107.49 7.55 -27.62	107.79 4.10 -64.07	132.95 4.19 -88.11	193.57 4.14 -148.69	234.43 6.20 -165.33	271.46 12.48 -132.28	146.83 6.85 -69.72	133.79 11.47 -1.21	138.11 7.52 -48.49	129.59 5.78 -59.34	127.02 6.85 -41.08
ASTORIA_EAST_ENERGY_CC2 323582	86.19 7.12 0.00	83.66 7.05 0.00	87.71 7.21 0.00	92.05 7.34 0.00	113.40 8.77 0.00	182.42 13.97 0.00	181.66 15.00 0.00	220.12 19.25 0.00	217.06 18.58 0.00	122.72 11.06 -2.73	119.10 9.51 -17.30	102.47 9.06 -4.11	108.60 6.53 -37.45	107.49 7.55 -27.62	107.79 4.10 -64.07	132.95 4.19 -88.11	193.57 4.14 -148.69	234.43 6.20 -165.33	271.44 12.47 -132.28	146.83 6.85 -69.72	133.79 11.47 -1.21	138.11 7.52 -48.49	129.59 5.78 -59.34	127.03 6.86 -41.08
ASTORIA_GT2_1 24094	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT2_2 24095	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT2_3 24096	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT2_4 24097	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT3_1 24098	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT3_2 24099	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT3_3 24100	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT3_4 24101	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT4_1 24102	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT4_2 24103	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT4_3 24104	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08

ASTORIA_GT4_4 24105	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.42 8.78 0.00	182.45 13.99 0.00	181.76 15.10 0.00	220.23 19.37 0.00	217.18 18.71 0.00	122.80 11.14 -2.73	119.16 9.58 -17.30	102.51 9.10 -4.11	108.65 6.58 -37.45	107.51 7.58 -27.62	107.81 4.12 -64.07	132.98 4.22 -88.11	193.59 4.16 -148.69	234.51 6.29 -165.33	271.50 12.53 -132.28	146.88 6.90 -69.72	133.87 11.55 -1.21	138.18 7.59 -48.49	129.63 5.82 -59.34	127.06 6.89 -41.08
ASTORIA_GT_1 23523	86.37 7.30 0.00	83.82 7.21 0.00	87.91 7.42 0.00	92.23 7.53 0.00	113.63 8.99 0.00	182.78 14.33 0.00	182.10 15.44 0.00	220.65 19.79 0.00	217.64 19.16 0.00	123.03 11.37 -2.73	119.36 9.78 -17.30	102.72 9.30 -4.11	108.79 6.72 -37.45	107.70 7.77 -27.62	107.91 4.22 -64.07	133.07 4.31 -88.11	193.68 4.25 -148.69	234.61 6.39 -165.33	271.83 12.87 -132.28	147.03 7.05 -69.72	134.13 11.81 -1.21	138.35 7.75 -48.49	129.77 5.95 -59.34	127.23 7.05 -41.08
ASTORIA_GT_10 24110	86.50 7.42 0.00	83.88 7.27 0.00	87.94 7.44 0.00	92.38 7.67 0.00	113.74 9.11 0.00	182.99 14.54 0.00	182.16 15.51 0.00	220.41 19.55 0.00	217.49 19.02 0.00	123.06 11.40 -2.73	119.62 10.03 -17.30	103.18 9.55 -4.31	109.21 6.92 -37.67	107.73 7.80 -27.62	107.90 4.21 -64.07	133.08 4.32 -88.11	193.67 4.25 -148.69	234.65 6.43 -165.33	271.86 12.89 -132.28	147.02 7.04 -69.72	134.24 11.91 -1.21	138.30 7.71 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
ASTORIA_GT_11 24225	86.50 7.42 0.00	83.88 7.27 0.00	87.94 7.44 0.00	92.38 7.67 0.00	113.74 9.11 0.00	182.99 14.54 0.00	182.16 15.51 0.00	220.41 19.55 0.00	217.49 19.02 0.00	123.06 11.40 -2.73	119.62 10.03 -17.30	103.18 9.55 -4.31	109.21 6.92 -37.67	107.73 7.80 -27.62	107.90 4.21 -64.07	133.08 4.32 -88.11	193.67 4.25 -148.69	234.65 6.43 -165.33	271.86 12.89 -132.28	147.02 7.04 -69.72	134.24 11.91 -1.21	138.30 7.71 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
ASTORIA_GT_12 24226	86.50 7.42 0.00	83.88 7.27 0.00	87.94 7.44 0.00	92.38 7.67 0.00	113.74 9.11 0.00	182.99 14.54 0.00	182.16 15.51 0.00	220.41 19.55 0.00	217.49 19.02 0.00	123.06 11.40 -2.73	119.62 10.03 -17.30	103.18 9.55 -4.31	109.21 6.92 -37.67	107.73 7.80 -27.62	107.90 4.21 -64.07	133.08 4.32 -88.11	193.67 4.25 -148.69	234.65 6.43 -165.33	271.86 12.89 -132.28	147.02 7.04 -69.72	134.24 11.91 -1.21	138.30 7.71 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
ASTORIA_GT_13 24227	86.50 7.42 0.00	83.88 7.27 0.00	87.94 7.44 0.00	92.38 7.67 0.00	113.74 9.11 0.00	182.99 14.54 0.00	182.16 15.51 0.00	220.41 19.55 0.00	217.49 19.02 0.00	123.06 11.40 -2.73	119.62 10.03 -17.30	103.18 9.55 -4.31	109.21 6.92 -37.67	107.73 7.80 -27.62	107.90 4.21 -64.07	133.08 4.32 -88.11	193.67 4.25 -148.69	234.65 6.43 -165.33	271.86 12.89 -132.28	147.02 7.04 -69.72	134.24 11.91 -1.21	138.30 7.71 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
ASTORIA_GT_5 24106	86.39 7.32 0.00	83.82 7.21 0.00	87.89 7.40 0.00	92.24 7.53 0.00	113.61 8.97 0.00	182.77 14.32 0.00	182.11 15.45 0.00	220.67 19.80 0.00	217.66 19.18 0.00	123.04 11.38 -2.73	119.38 9.80 -17.30	102.72 9.31 -4.11	108.81 6.74 -37.45	107.70 7.77 -27.62	107.90 4.21 -64.07	133.07 4.31 -88.11	193.69 4.26 -148.69	234.65 6.42 -165.33	271.86 12.89 -132.28	147.04 7.05 -69.72	134.17 11.84 -1.21	138.35 7.75 -48.49	129.76 5.95 -59.34	127.22 7.05 -41.08
ASTORIA_GT_7 24107	86.39 7.32 0.00	83.82 7.21 0.00	87.89 7.40 0.00	92.24 7.53 0.00	113.61 8.97 0.00	182.77 14.32 0.00	182.11 15.45 0.00	220.67 19.80 0.00	217.66 19.18 0.00	123.04 11.38 -2.73	119.38 9.80 -17.30	102.72 9.31 -4.11	108.81 6.74 -37.45	107.70 7.77 -27.62	107.90 4.21 -64.07	133.07 4.31 -88.11	193.69 4.26 -148.69	234.65 6.42 -165.33	271.86 12.89 -132.28	147.04 7.05 -69.72	134.17 11.84 -1.21	138.35 7.75 -48.49	129.76 5.95 -59.34	127.22 7.05 -41.08
ASTORIA_GT_8 24108	86.39 7.32 0.00	83.82 7.21 0.00	87.89 7.40 0.00	92.24 7.53 0.00	113.61 8.97 0.00	182.77 14.32 0.00	182.11 15.45 0.00	220.67 19.80 0.00	217.66 19.18 0.00	123.04 11.38 -2.73	119.38 9.80 -17.30	102.72 9.31 -4.11	108.81 6.74 -37.45	107.70 7.77 -27.62	107.90 4.21 -64.07	133.07 4.31 -88.11	193.69 4.26 -148.69	234.65 6.42 -165.33	271.86 12.89 -132.28	147.04 7.05 -69.72	134.17 11.84 -1.21	138.35 7.75 -48.49	129.76 5.95 -59.34	127.22 7.05 -41.08
ASTORIA___2 24149	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.36 0.00	113.44 8.81 0.00	182.45 14.00 0.00	181.76 15.11 0.00	220.23 19.37 0.00	217.18 18.70 0.00	122.79 11.13 -2.73	119.15 9.57 -17.30	102.50 9.08 -4.11	108.64 6.57 -37.45	107.52 7.59 -27.62	107.81 4.12 -64.07	132.97 4.21 -88.11	193.59 4.16 -148.69	234.47 6.25 -165.33	271.51 12.53 -132.28	146.87 6.89 -69.72	133.86 11.54 -1.21	138.18 7.58 -48.49	129.64 5.82 -59.34	127.07 6.89 -41.08
ASTORIA___3 23516	86.50 7.42 0.00	83.89 7.28 0.00	87.93 7.44 0.00	92.37 7.66 0.00	113.77 9.13 0.00	183.00 14.55 0.00	182.16 15.50 0.00	220.40 19.54 0.00	217.50 19.03 0.00	123.03 11.37 -2.73	119.61 10.03 -17.30	103.19 9.56 -4.31	109.19 6.90 -37.67	107.74 7.81 -27.62	107.91 4.21 -64.07	133.08 4.32 -88.11	193.67 4.24 -148.69	234.64 6.42 -165.33	271.83 12.86 -132.28	147.00 7.02 -69.72	134.23 11.90 -1.21	138.30 7.70 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
ASTORIA___4 23517	86.50 7.42 0.00	83.88 7.27 0.00	87.94 7.44 0.00	92.38 7.67 0.00	113.74 9.11 0.00	182.99 14.54 0.00	182.16 15.51 0.00	220.41 19.55 0.00	217.49 19.02 0.00	123.06 11.40 -2.73	119.62 10.03 -17.30	103.18 9.55 -4.31	109.21 6.92 -37.67	107.73 7.80 -27.62	107.90 4.21 -64.07	133.08 4.32 -88.11	193.67 4.25 -148.69	234.65 6.43 -165.33	271.86 12.89 -132.28	147.02 7.04 -69.72	134.24 11.91 -1.21	138.30 7.71 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
ASTORIA___5 23518	86.50 7.42 0.00	83.89 7.28 0.00	87.93 7.44 0.00	92.37 7.66 0.00	113.77 9.13 0.00	183.00 14.55 0.00	182.16 15.50 0.00	220.40 19.54 0.00	217.50 19.03 0.00	123.03 11.37 -2.73	119.61 10.03 -17.30	103.19 9.56 -4.31	109.19 6.90 -37.67	107.74 7.81 -27.62	107.91 4.21 -64.07	133.08 4.32 -88.11	193.67 4.24 -148.69	234.64 6.42 -165.33	271.83 12.86 -132.28	147.00 7.02 -69.72	134.23 11.90 -1.21	138.30 7.70 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
AST_ENERGY_2_CC3 323677	86.06 6.98 0.00	83.53 6.92 0.00	87.54 7.06 0.00	91.98 7.28 0.00	113.25 8.61 0.00	182.19 13.74 0.00	181.15 14.49 0.00	219.03 18.17 0.00	216.27 17.80 0.00	122.32 10.66 -2.73	119.00 9.43 -17.30	102.33 8.93 -4.10	108.52 6.45 -37.44	107.33 7.40 -27.61	107.66 3.97 -64.06	132.78 4.02 -88.10	193.33 3.92 -148.68	234.11 5.90 -165.32	270.81 11.86 -132.27	146.45 6.48 -69.71	133.25 10.93 -1.21	137.72 7.13 -48.49	129.17 5.36 -59.34	126.66 6.49 -41.08
AST_ENERGY_2_CC4 323678	86.06 6.98 0.00	83.53 6.92 0.00	87.54 7.06 0.00	91.98 7.28 0.00	113.25 8.61 0.00	182.19 13.74 0.00	181.15 14.49 0.00	219.03 18.17 0.00	216.27 17.80 0.00	122.32 10.66 -2.73	119.00 9.43 -17.30	102.33 8.93 -4.10	108.52 6.45 -37.44	107.33 7.40 -27.61	107.66 3.97 -64.06	132.78 4.02 -88.10	193.33 3.92 -148.68	234.11 5.90 -165.32	270.81 11.86 -132.27	146.45 6.48 -69.71	133.25 10.93 -1.21	137.72 7.13 -48.49	129.17 5.36 -59.34	126.66 6.49 -41.08

ATHENS_STG_1 23668	83.18 4.11 0.00	80.63 4.03 0.00	84.62 4.13 0.00	89.00 4.30 0.00	109.84 5.20 0.00	176.61 8.16 0.00	174.74 8.09 0.00	210.88 10.02 0.00	208.08 9.61 0.00	118.83 5.82 -4.08	123.21 5.09 -25.84	100.27 4.84 -6.12	124.06 3.52 -55.92	113.96 4.09 -37.57	116.38 2.24 -74.52	152.39 2.31 -109.42	243.75 2.26 -200.75	293.96 3.41 -227.67	320.09 6.85 -186.55	152.44 3.78 -78.39	128.81 6.48 -1.23	140.95 4.32 -54.52	134.51 3.32 -66.72	129.35 4.06 -46.20
ATHENS_STG_2 23670	83.18 4.11 0.00	80.63 4.03 0.00	84.62 4.13 0.00	89.00 4.30 0.00	109.84 5.20 0.00	176.61 8.16 0.00	174.74 8.09 0.00	210.88 10.02 0.00	208.08 9.61 0.00	118.83 5.82 -4.08	123.21 5.09 -25.84	100.27 4.84 -6.12	124.06 3.52 -55.92	113.96 4.09 -37.57	116.38 2.24 -74.52	152.39 2.31 -109.42	243.75 2.26 -200.75	293.96 3.41 -227.67	320.09 6.85 -186.55	152.44 3.78 -78.39	128.81 6.48 -1.23	140.95 4.32 -54.52	134.51 3.32 -66.72	129.35 4.06 -46.20
ATHENS_STG_3 23677	83.18 4.11 0.00	80.63 4.03 0.00	84.62 4.13 0.00	89.00 4.30 0.00	109.84 5.20 0.00	176.61 8.16 0.00	174.74 8.09 0.00	210.88 10.02 0.00	208.08 9.61 0.00	118.83 5.82 -4.08	123.21 5.09 -25.84	100.27 4.84 -6.12	124.06 3.52 -55.92	113.96 4.09 -37.57	116.38 2.24 -74.52	152.39 2.31 -109.42	243.75 2.26 -200.75	293.96 3.41 -227.67	320.09 6.85 -186.55	152.44 3.78 -78.39	128.81 6.48 -1.23	140.95 4.32 -54.52	134.51 3.32 -66.72	129.35 4.06 -46.20
AUBURN___LFGE 323710	79.49 0.42 0.00	77.10 0.49 0.00	81.12 0.62 0.00	85.44 0.73 0.00	105.88 1.24 0.00	170.96 2.51 0.00	169.25 2.60 0.00	203.76 2.90 0.00	201.64 3.16 0.00	111.29 2.26 -0.10	94.17 1.27 -0.62	90.85 1.39 -0.15	67.02 1.04 -1.35	75.41 0.79 -2.30	49.63 0.60 -9.40	51.96 0.71 -10.60	54.77 0.72 -13.32	79.81 1.19 -15.73	139.96 2.13 -11.14	84.68 1.10 -13.31	129.49 1.75 -6.63	99.69 0.92 -16.66	74.68 0.38 -9.83	85.30 0.36 -5.86
BABYLON_RES_REC 323704	88.07 9.00 -0.01	85.18 8.57 0.00	88.92 8.42 0.00	93.68 8.98 0.00	115.83 11.19 0.00	185.98 17.53 0.00	184.49 17.84 0.00	224.22 23.36 0.00	219.43 20.96 0.00	124.15 12.26 -2.97	128.74 11.40 -25.06	103.66 10.25 -4.10	109.43 7.35 -37.45	108.29 8.36 -27.62	108.45 4.74 -64.07	143.73 5.13 -97.95	199.80 5.02 -154.04	235.32 7.07 -165.37	273.88 14.88 -132.31	148.61 8.35 -70.00	136.21 13.89 -1.21	139.58 8.97 -48.50	130.92 7.10 -59.35	128.55 8.37 -41.09
BABYLON__69_KV_BK2 356345	89.08 10.00 -0.01	86.09 9.48 0.00	89.87 9.37 0.00	94.72 10.02 0.00	117.16 12.52 0.00	188.26 19.80 0.00	186.72 20.07 0.00	226.89 26.03 0.00	221.79 23.32 0.00	125.37 13.48 -2.97	129.72 12.39 -25.06	104.58 11.17 -4.10	110.12 8.04 -37.45	109.02 9.09 -27.62	108.86 5.16 -64.07	144.25 5.64 -97.95	200.35 5.57 -154.04	236.09 7.83 -165.37	275.55 16.54 -132.31	149.68 9.43 -69.99	138.01 15.69 -1.21	140.72 10.11 -48.50	131.79 7.98 -59.35	129.57 9.39 -41.09
BALL_HILL_WT_PWR 323825	72.53 -6.54 0.00	70.51 -6.10 0.00	75.02 -5.47 0.00	79.46 -5.25 0.00	98.18 -6.46 0.00	158.68 -9.78 0.00	157.44 -9.21 0.00	185.99 -14.86 0.00	184.67 -13.80 0.00	103.04 -6.00 -0.12	87.40 -5.64 -0.76	83.18 -6.31 -0.18	62.08 -4.20 -1.65	69.31 -5.54 -2.54	48.47 -2.66 -11.50	50.79 -2.83 -12.97	50.72 -3.10 -13.09	64.20 -4.44 -5.76	117.43 -9.89 -0.63	67.29 -6.00 -3.03	94.12 -9.89 17.10	57.51 -6.85 17.75	65.79 -5.27 -6.59	80.40 -5.81 -7.12
BARON_WINDS___WT_PWR 323822	74.40 -4.67 0.01	72.41 -4.20 0.00	76.51 -3.98 0.00	81.15 -3.55 0.00	100.60 -4.03 0.00	162.80 -5.65 0.00	161.35 -5.30 0.00	191.58 -9.28 0.00	189.28 -9.20 0.00	105.04 -4.05 -0.16	89.65 -3.67 -1.05	86.34 -3.22 -0.25	64.96 -1.92 -2.26	72.33 -3.28 -3.30	53.35 -1.53 -15.25	56.37 -1.50 -17.21	55.53 -1.72 -16.51	63.93 -2.93 -3.96	117.96 -6.08 2.65	67.08 -3.53 -0.35	85.60 -5.82 29.68	43.35 -4.62 34.13	68.02 -3.69 -7.24	84.19 -4.33 -9.43
BARRETT_IC_1 23704	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10
BARRETT_IC_10 23701	87.19 8.10 -0.02	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.96 15.51 0.00	182.28 15.62 -0.01	221.31 20.43 -0.02	216.89 18.39 -0.02	123.81 11.17 -3.70	151.38 10.50 -48.60	160.82 9.49 -62.02	202.67 6.83 -131.22	151.47 7.78 -71.38	148.68 4.34 -104.71	172.97 4.51 -127.81	215.31 4.37 -170.20	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.35	127.59 7.41 -41.09
BARRETT_IC_11 23702	87.19 8.10 -0.02	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.96 15.51 0.00	182.28 15.62 -0.01	221.31 20.43 -0.02	216.89 18.39 -0.02	123.81 11.17 -3.70	151.38 10.50 -48.60	160.82 9.49 -62.02	202.67 6.83 -131.22	151.47 7.78 -71.38	148.68 4.34 -104.71	172.97 4.51 -127.81	215.31 4.37 -170.20	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.35	127.59 7.41 -41.09
BARRETT_IC_12 23703	87.19 8.10 -0.02	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.96 15.51 0.00	182.28 15.62 -0.01	221.31 20.43 -0.02	216.89 18.39 -0.02	123.81 11.17 -3.70	151.38 10.50 -48.60	160.82 9.49 -62.02	202.67 6.83 -131.22	151.47 7.78 -71.38	148.68 4.34 -104.71	172.97 4.51 -127.81	215.31 4.37 -170.20	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.35	127.59 7.41 -41.09
BARRETT_IC_2 23705	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10
BARRETT_IC_3 23706	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10
BARRETT_IC_4 23707	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10

BARRETT_IC_5 23708	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10
BARRETT_IC_6 23709	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10
BARRETT_IC_7 23710	87.24 8.10 -0.08	84.28 7.60 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.63 9.99 0.00	183.98 15.51 -0.02	182.31 15.61 -0.04	221.41 20.47 -0.08	216.95 18.39 -0.09	125.78 11.20 -5.65	213.43 10.50 -110.65	280.28 9.52 -181.45	449.64 6.84 -378.18	266.74 7.77 -186.65	255.75 4.33 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.30 6.04 -165.37	271.69 12.69 -132.31	147.43 7.17 -69.99	134.49 12.17 -1.21	138.40 7.80 -48.50	130.00 6.17 -59.36	127.59 7.40 -41.10
BARRETT_IC_8 23711	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10
BARRETT_IC_9 23700	87.19 8.10 -0.02	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.96 15.51 0.00	182.28 15.62 -0.01	221.31 20.43 -0.02	216.89 18.39 -0.02	123.81 11.17 -3.70	151.38 10.50 -48.60	160.82 9.49 -62.02	202.67 6.83 -131.22	151.47 7.78 -71.38	148.68 4.34 -104.71	172.97 4.51 -127.81	215.31 4.37 -170.20	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.35	127.59 7.41 -41.09
BARRETT___1 23545	87.24 8.10 -0.08	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.98 15.51 -0.02	182.31 15.62 -0.04	221.37 20.43 -0.08	216.95 18.39 -0.09	125.75 11.17 -5.65	213.43 10.50 -110.65	280.25 9.49 -181.45	449.63 6.83 -378.18	266.74 7.78 -186.65	255.75 4.34 -211.79	251.63 4.51 -206.47	257.88 4.37 -212.77	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.36	127.60 7.41 -41.10
BARRETT___2 23546	87.19 8.10 -0.02	84.27 7.59 -0.08	88.18 7.65 -0.04	92.85 8.15 0.00	114.67 10.03 0.00	183.96 15.51 0.00	182.28 15.62 -0.01	221.31 20.43 -0.02	216.89 18.39 -0.02	123.81 11.17 -3.70	151.38 10.50 -48.60	160.82 9.49 -62.02	202.67 6.83 -131.22	151.47 7.78 -71.38	148.68 4.34 -104.71	172.97 4.51 -127.81	215.31 4.37 -170.20	234.28 6.03 -165.37	271.66 12.66 -132.31	147.42 7.16 -70.00	134.49 12.17 -1.21	138.40 7.79 -48.50	130.00 6.17 -59.35	127.59 7.41 -41.09
BATAVIA___115KV_TB1 55881	75.87 -3.20 0.00	73.63 -2.98 0.00	78.03 -2.46 0.00	82.37 -2.34 0.00	101.56 -3.08 0.00	163.71 -4.74 0.00	162.25 -4.40 0.00	191.50 -9.36 0.00	189.96 -8.52 0.00	105.34 -3.69 -0.10	89.24 -3.69 -0.65	85.47 -3.99 -0.15	63.37 -2.66 -1.41	70.91 -3.60 -2.20	47.86 -1.63 -9.87	50.23 -1.54 -11.12	50.48 -1.73 -11.47	66.77 -2.12 -6.00	123.25 -4.98 -1.54	70.84 -3.10 -3.68	103.63 -4.86 12.62	66.60 -3.38 12.12	67.69 -2.88 -6.10	82.16 -3.04 -6.11
BAYONEEC___CTG1 323682	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG10 323750	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG2 323683	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG3 323684	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG4 323685	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG5 323686	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG6 323687	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08

BAYONEEC___CTG7 323688	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG8 323689	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BAYONEEC___CTG9 323749	86.09 7.02 0.00	83.50 6.89 0.00	87.52 7.03 0.00	91.97 7.26 0.00	113.31 8.67 0.00	182.43 13.98 0.00	181.32 14.67 0.00	219.34 18.48 0.00	216.42 17.95 0.00	122.47 10.81 -2.73	119.08 9.50 -17.30	102.48 9.07 -4.10	108.62 6.56 -37.44	107.37 7.45 -27.61	107.71 4.02 -64.06	132.88 4.12 -88.10	193.45 4.03 -148.68	234.29 6.09 -165.32	271.17 12.21 -132.27	146.62 6.64 -69.71	133.54 11.22 -1.21	137.94 7.35 -48.49	129.33 5.52 -59.34	126.80 6.62 -41.08
BEACON___LESR 323632	83.79 4.71 0.00	81.19 4.58 0.00	85.25 4.76 0.00	89.55 4.85 0.00	110.68 6.05 0.00	177.91 9.46 0.00	175.53 8.88 0.00	211.59 10.73 0.00	208.62 10.14 0.00	114.45 5.73 0.22	96.01 5.11 1.37	93.78 4.79 0.32	65.22 3.56 2.96	89.61 4.08 -13.22	125.76 2.33 -83.80	128.79 2.16 -85.98	121.06 2.38 -77.95	137.38 3.69 -70.80	175.62 7.34 -41.59	160.85 4.07 -86.51	131.12 7.18 -2.83	146.87 4.59 -60.17	142.09 3.98 -73.64	135.05 4.98 -50.98
BEAVER RIVER___HYD 24048	78.72 -0.35 0.00	75.60 -1.01 0.00	80.16 -0.33 0.00	84.63 -0.08 0.00	104.78 0.14 0.00	168.39 -0.07 0.00	168.44 1.79 0.00	206.48 5.62 0.00	204.64 6.16 0.00	111.37 2.44 0.00	93.92 1.65 0.00	89.83 0.52 0.00	64.37 -0.26 0.00	72.09 -0.61 -0.39	41.27 -0.59 -2.23	42.81 -0.18 -2.34	43.25 0.29 -2.23	65.91 1.18 -1.84	130.36 3.17 -0.50	73.84 1.22 -2.35	124.14 3.02 -0.01	86.43 2.69 -1.64	68.23 1.76 -2.00	82.21 1.74 -1.39
BEEBEE_GT_13 23619	76.41 -2.66 0.00	74.10 -2.51 0.00	78.29 -2.20 0.00	82.59 -2.11 0.00	101.88 -2.76 0.00	164.22 -4.23 0.00	162.68 -3.98 0.00	193.45 -7.41 0.00	191.62 -6.85 0.00	105.98 -3.03 -0.09	90.12 -2.72 -0.56	86.52 -2.92 -0.13	63.91 -1.92 -1.21	71.68 -1.92 -1.91	47.07 -1.08 -8.52	49.20 -1.06 -9.60	49.59 -1.24 -10.11	67.18 -1.78 -6.06	124.81 -4.03 -2.16	71.88 -2.47 -4.08	107.82 -4.10 9.19	71.26 -2.96 7.88	67.84 -2.27 -5.64	81.93 -2.44 -5.28
BENSHRST_27_KV_BENSHRST_1 355998	106.69 8.31 -19.30	100.11 8.15 -15.34	99.43 8.33 -10.61	99.21 8.63 -5.88	114.74 10.10 0.00	184.76 16.31 0.00	192.32 17.59 -8.06	257.34 22.30 -34.18	241.33 21.69 -21.17	149.26 12.88 -27.44	120.58 10.99 -17.30	109.29 10.55 -9.44	114.38 7.67 -42.08	109.16 8.74 -28.10	131.79 4.76 -87.40	163.95 4.89 -118.40	257.29 4.83 -211.73	536.19 7.32 -465.98	429.37 14.68 -287.99	416.84 7.96 -338.61	443.30 13.46 -308.73	237.54 8.82 -146.61	191.41 6.66 -120.28	151.35 7.97 -64.28
BETHLEHEM___GRP 23843	82.32 3.25 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.16 3.46 0.00	108.84 4.20 0.00	174.61 6.16 0.00	172.10 5.45 0.00	207.03 6.17 0.00	204.33 5.85 0.00	112.46 3.76 0.23	94.41 3.58 1.45	92.34 3.38 0.34	63.95 2.47 3.14	88.24 2.77 -13.16	124.92 1.40 -83.89	127.89 1.28 -85.96	119.73 1.41 -77.59	135.51 2.12 -70.50	172.81 4.27 -41.84	159.07 2.22 -86.59	127.96 4.06 -2.79	144.90 2.57 -60.23	140.71 2.54 -73.70	133.54 3.42 -51.03
BETHLEHEM___GS1 323560	82.32 3.25 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.17 3.46 0.00	108.84 4.20 0.00	174.61 6.16 0.00	172.10 5.44 0.00	207.03 6.17 0.00	204.31 5.83 0.00	112.46 3.76 0.23	94.41 3.58 1.45	92.34 3.38 0.34	63.95 2.47 3.14	88.24 2.77 -13.16	124.91 1.40 -83.89	127.89 1.27 -85.96	119.73 1.41 -77.59	135.50 2.12 -70.50	172.81 4.28 -41.84	159.07 2.22 -86.59	127.97 4.07 -2.79	144.94 2.61 -60.23	140.71 2.55 -73.70	133.53 3.42 -51.03
BETHLEHEM___GS2 323561	82.32 3.25 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.17 3.46 0.00	108.84 4.20 0.00	174.61 6.16 0.00	172.10 5.44 0.00	207.03 6.17 0.00	204.31 5.83 0.00	112.46 3.76 0.23	94.41 3.58 1.45	92.34 3.38 0.34	63.95 2.47 3.14	88.24 2.77 -13.16	124.91 1.40 -83.89	127.89 1.27 -85.96	119.73 1.41 -77.59	135.50 2.12 -70.50	172.81 4.28 -41.84	159.07 2.22 -86.59	127.97 4.07 -2.79	144.94 2.61 -60.23	140.71 2.55 -73.70	133.53 3.42 -51.03
BETHLEHEM___GS3 323562	82.32 3.25 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.17 3.46 0.00	108.84 4.20 0.00	174.61 6.16 0.00	172.10 5.44 0.00	207.03 6.17 0.00	204.31 5.83 0.00	112.46 3.76 0.23	94.41 3.58 1.45	92.34 3.38 0.34	63.95 2.47 3.14	88.24 2.77 -13.16	124.91 1.40 -83.89	127.89 1.27 -85.96	119.73 1.41 -77.59	135.50 2.12 -70.50	172.81 4.28 -41.84	159.07 2.22 -86.59	127.97 4.07 -2.79	144.94 2.61 -60.23	140.71 2.55 -73.70	133.53 3.42 -51.03
BETHLEHEM___STEEL 23779	73.22 -5.85 0.00	71.13 -5.48 0.00	75.57 -4.92 0.00	79.94 -4.77 0.00	98.60 -6.04 0.00	158.80 -9.65 0.00	157.16 -9.50 0.00	185.27 -15.58 0.00	183.83 -14.64 0.00	102.38 -6.67 -0.12	87.03 -6.01 -0.76	83.33 -6.16 -0.18	62.06 -4.21 -1.65	69.36 -5.49 -2.54	48.46 -2.66 -11.48	50.91 -2.70 -12.95	50.79 -3.04 -13.10	64.38 -4.37 -5.85	117.99 -9.43 -0.73	67.77 -5.63 -3.13	95.07 -9.15 16.89	58.34 -6.33 17.44	66.13 -4.97 -6.63	80.79 -5.41 -7.11
BETHLHEM_115KV_TB1 79974	82.33 3.26 0.00	79.81 3.20 0.00	83.80 3.31 0.00	88.16 3.46 0.00	108.82 4.19 0.00	174.66 6.20 0.00	172.21 5.55 0.00	207.26 6.40 0.00	204.59 6.11 0.00	112.55 3.87 0.24	94.36 3.62 1.54	92.34 3.39 0.36	63.78 2.48 3.33	88.18 2.81 -13.06	124.90 1.46 -83.82	127.78 1.35 -85.78	119.25 1.48 -77.04	134.57 2.21 -69.48	171.27 4.46 -40.12	159.15 2.36 -86.52	128.11 4.30 -2.70	145.03 2.74 -60.18	140.70 2.59 -73.65	133.48 3.40 -50.99
BETHPAGE_CC_5 323564	87.51 8.43 -0.01	84.70 8.09 0.00	88.45 7.96 0.00	93.15 8.44 0.00	114.98 10.34 0.00	184.59 16.13 0.00	182.83 16.18 0.00	221.97 21.10 0.00	217.66 19.19 0.00	123.43 11.47 -3.03	130.23 10.89 -27.06	107.56 9.92 -8.33	117.27 7.24 -45.41	111.88 8.24 -31.34	111.76 4.61 -67.52	146.01 4.87 -100.49	200.76 4.61 -155.41	234.77 6.52 -165.37	272.69 13.69 -132.31	147.79 7.53 -70.00	134.92 12.60 -1.21	138.74 8.13 -48.50	130.28 6.46 -59.35	127.81 7.63 -41.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	73.42 -5.65 0.00	71.32 -5.28 0.00	75.76 -4.73 0.00	80.12 -4.59 0.00	98.84 -5.80 0.00	159.27 -9.19 0.00	157.55 -9.11 0.00	185.86 -14.99 0.00	184.41 -14.06 0.00	102.71 -6.34 -0.12	87.36 -5.69 -0.77	83.65 -5.84 -0.18	62.32 -3.97 -1.67	69.66 -5.22 -2.57	48.72 -2.55 -11.64	51.21 -2.58 -13.14	51.08 -2.92 -13.27	64.61 -4.16 -5.88	118.39 -8.98 -0.69	68.00 -5.39 -3.12	95.10 -8.77 17.23	58.17 -6.09 17.84	66.35 -4.82 -6.70	81.05 -5.25 -7.21

BINGHAMTON___COGEN 23790	79.47 0.40 0.00	77.02 0.41 0.00	81.00 0.51 0.00	85.32 0.61 0.00	105.34 0.70 0.00	169.98 1.53 0.00	168.46 1.80 0.00	202.43 1.57 0.00	199.95 1.48 0.00	110.80 1.64 -0.24	94.84 1.05 -1.52	90.66 0.99 -0.36	68.65 0.75 -3.28	77.83 0.33 -5.20	62.03 0.31 -22.09	65.98 0.37 -24.96	69.64 0.28 -28.62	88.44 0.33 -25.22	142.49 0.64 -15.16	89.85 0.23 -19.36	114.40 0.36 7.07	87.00 0.04 -4.85	82.72 0.02 -18.22	92.91 0.10 -13.72
BIXINCNT_115KV_LOAD 355685	73.66 -5.41 0.00	71.40 -5.21 0.00	75.99 -4.50 0.00	80.74 -3.97 0.00	99.92 -4.72 0.00	161.37 -7.08 0.00	159.54 -7.12 0.00	188.64 -12.22 0.00	186.59 -11.89 0.00	104.23 -4.83 -0.13	89.16 -3.94 -0.82	85.53 -3.98 -0.19	63.69 -2.71 -1.78	71.38 -3.67 -2.73	49.68 -2.33 -12.38	52.40 -2.22 -13.96	52.21 -2.54 -14.01	64.85 -3.87 -5.83	118.76 -8.27 -0.33	68.23 -4.92 -2.89	94.06 -7.92 19.13	56.21 -5.70 20.19	66.77 -4.64 -6.95	81.65 -5.10 -7.66
BLACK RIVER___HYD 24047	78.85 -0.22 0.00	75.91 -0.70 0.00	80.58 0.09 0.00	85.13 0.43 0.00	105.36 0.72 0.00	169.85 1.40 0.00	171.01 4.36 0.00	211.30 10.44 0.00	209.38 10.90 0.00	113.82 4.90 0.00	96.11 3.83 0.00	91.41 2.10 0.00	65.10 0.48 0.00	72.84 0.01 -0.51	42.28 -0.30 -2.95	44.30 0.55 -3.09	44.94 1.25 -2.95	68.47 3.15 -2.44	134.65 7.29 -0.66	76.55 3.18 -3.11	127.78 6.66 -0.01	89.33 5.06 -2.17	70.47 3.35 -2.65	84.25 3.32 -1.84
BLACKRVR_115KV_TB2 79977	78.85 -0.22 0.00	75.91 -0.69 0.00	80.58 0.09 0.00	85.13 0.43 0.00	105.37 0.73 0.00	169.85 1.40 0.00	171.01 4.36 0.00	211.31 10.45 0.00	209.39 10.91 0.00	113.81 4.88 0.00	96.10 3.83 0.00	91.42 2.11 0.00	65.10 0.47 0.00	72.84 0.01 -0.51	42.28 -0.30 -2.95	44.29 0.55 -3.09	44.94 1.25 -2.95	68.48 3.15 -2.44	134.66 7.31 -0.66	76.57 3.19 -3.11	127.78 6.66 -0.01	89.34 5.08 -2.17	70.47 3.35 -2.65	84.25 3.32 -1.84
BLISS_WT_PWR 323608	73.29 -5.78 0.00	71.02 -5.59 0.00	75.67 -4.82 0.00	80.55 -4.16 0.00	99.62 -5.01 0.00	161.17 -7.28 0.00	159.38 -7.28 0.00	188.57 -12.29 0.00	186.42 -12.05 0.00	104.26 -4.79 -0.13	89.25 -3.85 -0.82	85.60 -3.90 -0.19	63.78 -2.62 -1.78	71.41 -3.63 -2.73	49.53 -2.47 -12.38	52.28 -2.34 -13.96	52.13 -2.61 -14.01	64.67 -4.05 -5.83	118.30 -8.72 -0.33	67.96 -5.19 -2.89	93.72 -8.26 19.13	55.82 -6.09 20.20	66.58 -4.84 -6.95	81.37 -5.39 -7.66
BLUESTONE___WT_PWR 323821	79.33 0.26 0.00	77.23 0.62 0.00	81.08 0.59 0.00	84.89 0.19 0.00	104.73 0.09 0.00	170.24 1.79 0.00	170.56 3.90 0.00	208.51 7.65 0.00	205.97 7.49 0.00	115.13 5.94 -0.26	97.46 3.54 -1.64	92.33 2.63 -0.39	69.73 1.56 -3.55	80.19 2.09 -5.80	64.97 1.57 -23.78	69.52 1.98 -26.88	76.32 2.46 -33.13	103.80 3.84 -37.07	161.38 7.46 -27.24	104.35 4.17 -29.92	138.40 7.46 -9.83	118.35 4.89 -31.36	90.49 2.69 -23.33	96.87 2.98 -14.80
BLUE_CIRC_CHEM_DRP 24182	82.53 3.46 0.00	80.04 3.43 0.00	84.05 3.56 0.00	88.45 3.75 0.00	109.24 4.60 0.00	175.45 7.00 0.00	172.97 6.32 0.00	208.31 7.45 0.00	205.29 6.82 0.00	112.72 3.92 0.13	94.96 3.51 0.83	92.26 3.15 0.20	65.17 2.34 1.80	88.54 2.76 -13.47	123.01 1.49 -81.89	127.19 1.52 -85.02	121.19 1.65 -78.81	136.35 2.52 -70.93	170.83 5.11 -39.03	158.26 2.85 -85.15	128.46 5.04 -2.31	144.65 3.32 -59.23	139.73 2.79 -72.48	132.90 3.63 -50.18
BOC_GAS_DRP 24189	82.11 3.04 0.00	79.60 2.99 0.00	83.59 3.10 0.00	87.94 3.24 0.00	108.55 3.91 0.00	174.45 6.00 0.00	172.18 5.52 0.00	207.57 6.71 0.00	204.84 6.36 0.00	112.54 3.93 0.32	93.78 3.54 2.03	92.15 3.32 0.48	62.65 2.42 4.40	87.63 2.80 -12.52	124.58 1.52 -83.43	126.91 1.50 -84.75	116.29 1.53 -74.02	129.01 2.29 -63.83	161.83 4.63 -30.51	159.02 2.60 -86.16	127.85 4.56 -2.19	145.06 3.03 -59.93	140.30 2.50 -73.34	133.04 3.18 -50.77
BOONVILLE_115KV_TB1 79983	80.84 1.77 0.00	77.98 1.37 0.00	82.31 1.82 0.00	86.79 2.08 0.00	107.45 2.81 0.00	173.05 4.60 0.00	172.62 5.96 0.00	209.36 8.50 0.00	207.07 8.60 0.00	113.50 4.57 0.00	95.83 3.55 0.00	92.19 2.88 0.00	66.41 1.79 0.00	74.55 1.87 -0.37	42.74 1.00 -2.12	44.02 1.16 -2.21	44.24 1.40 -2.11	67.05 2.42 -1.75	132.45 5.29 -0.47	75.15 2.65 -2.23	126.05 4.94 -0.01	87.16 3.51 -1.55	68.85 2.48 -1.90	83.11 2.71 -1.31
BORALEX_4TH_BRANCH 23824	85.28 6.21 0.00	82.67 6.06 0.00	86.77 6.28 0.00	91.27 6.56 0.00	112.78 8.15 0.00	180.72 12.26 0.00	177.78 11.12 0.00	215.75 14.89 0.00	213.07 14.60 0.00	116.60 7.56 -0.11	99.66 6.66 -0.72	95.74 6.26 -0.17	70.72 4.53 -1.57	93.22 5.73 -15.17	126.44 3.28 -83.54	132.21 3.29 -88.26	131.93 3.17 -88.02	153.89 4.76 -86.24	201.66 9.63 -65.35	161.96 5.43 -86.26	133.80 9.25 -3.45	148.54 6.44 -60.00	142.92 5.03 -73.42	135.94 6.02 -50.83
BOWLINE___1 23526	84.79 5.73 0.00	82.23 5.62 0.00	86.07 5.57 0.00	90.47 5.77 0.00	111.48 6.85 0.00	179.44 10.99 0.00	178.41 11.75 0.00	215.52 14.66 0.00	212.30 13.82 0.00	119.98 8.48 -2.57	115.96 7.41 -16.27	100.28 7.11 -3.85	105.02 5.19 -35.22	104.47 5.92 -26.24	104.64 3.24 -61.78	128.46 3.35 -84.46	185.41 3.30 -141.38	224.70 4.96 -156.85	261.71 9.95 -125.07	142.83 5.40 -67.16	131.41 9.13 -1.17	134.91 6.09 -46.71	126.20 4.57 -57.17	124.05 5.38 -39.58
BOWLINE___2 23595	84.80 5.73 0.00	82.24 5.63 0.00	86.07 5.57 0.00	90.47 5.77 0.00	111.49 6.86 0.00	179.45 11.00 0.00	178.41 11.75 0.00	215.54 14.68 0.00	212.32 13.84 0.00	120.01 8.52 -2.57	115.98 7.43 -16.27	100.31 7.15 -3.86	105.07 5.23 -35.22	104.48 5.93 -26.24	104.65 3.24 -61.78	128.47 3.35 -84.47	185.43 3.30 -141.40	224.73 4.97 -156.87	261.73 9.95 -125.09	142.84 5.40 -67.17	131.43 9.15 -1.17	134.92 6.09 -46.72	126.24 4.60 -57.17	124.06 5.39 -39.58
BRADY___115KV_TB2 356060	78.28 -0.79 0.00	75.48 -1.13 0.00	79.39 -1.11 0.00	83.45 -1.26 0.00	103.08 -1.56 0.00	165.29 -3.16 0.00	161.53 -5.13 0.00	196.25 -4.62 0.00	195.16 -3.31 0.00	104.99 -3.94 0.00	88.43 -3.85 0.00	85.65 -3.66 0.00	61.95 -2.68 0.00	69.68 -2.63 0.00	37.62 -2.01 0.00	38.57 -2.08 0.00	38.83 -1.91 0.00	60.44 -2.45 0.00	122.02 -4.67 0.00	67.63 -2.63 0.00	117.24 -3.87 0.00	80.23 -1.88 0.00	63.10 -1.37 0.00	77.61 -1.49 0.00
BRANSCOMB___SOLAR 323811	84.44 5.37 0.00	81.84 5.23 0.00	85.92 5.43 0.00	90.38 5.67 0.00	111.77 7.13 0.00	180.00 11.55 0.00	177.87 11.21 0.00	215.56 14.70 0.00	212.35 13.87 0.00	115.80 6.98 0.11	97.61 6.05 0.71	94.63 5.49 0.17	67.20 4.11 1.53	91.54 4.97 -14.26	128.66 2.89 -86.14	133.03 3.14 -89.24	127.87 3.18 -83.95	150.77 4.92 -82.96	205.16 9.89 -68.58	164.77 5.55 -88.96	134.84 9.42 -4.31	150.19 6.21 -61.88	144.86 4.67 -75.72	137.03 5.52 -52.42
BRENTWOD_69_KV_W. BRTWOOD 56703	88.88 9.81 0.00	85.86 9.26 0.00	89.60 9.11 0.00	94.47 9.76 0.00	116.90 12.26 0.00	187.75 19.30 0.00	186.09 19.44 0.00	226.12 25.26 0.00	221.15 22.67 0.00	124.84 13.05 -2.86	125.88 12.01 -21.59	96.93 10.72 3.10	95.96 7.68 -23.66	102.22 8.73 -21.18	102.70 4.98 -58.10	139.68 5.47 -93.56	197.76 5.36 -151.67	235.59 7.33 -165.37	274.66 15.66 -132.31	149.29 9.03 -69.99	137.30 14.98 -1.21	140.28 9.68 -48.50	131.56 7.74 -59.35	129.28 9.10 -41.09

BRISTLHL_115KV_TB1 79998	76.91 -2.16 0.00	74.54 -2.07 0.00	78.39 -2.11 0.00	82.56 -2.15 0.00	101.95 -2.69 0.00	164.35 -4.10 0.00	163.08 -3.58 0.00	196.13 -4.73 0.00	193.83 -4.65 0.00	106.69 -2.24 0.00	90.26 -2.02 0.00	87.24 -2.07 0.00	63.15 -1.47 0.00	71.45 -1.77 -0.92	44.12 -0.79 -5.28	45.39 -0.79 -5.53	45.26 -0.75 -5.27	66.05 -1.20 -4.36	125.25 -2.62 -1.18	74.31 -1.53 -5.57	118.40 -2.73 -0.02	84.01 -1.97 -3.88	67.58 -1.63 -4.74	80.32 -2.06 -3.28
BROOKHAVEN___DRP 24191	88.01 8.93 0.00	85.01 8.41 0.00	88.69 8.20 0.00	93.51 8.80 0.00	115.75 11.11 0.00	185.83 17.37 0.00	183.73 17.07 0.00	223.01 22.15 0.00	217.57 19.10 0.00	122.81 11.04 -2.84	123.92 10.67 -20.97	94.43 9.53 4.41	92.61 6.82 -21.17	99.99 7.66 -20.02	101.07 4.43 -57.02	138.37 4.95 -92.77	196.94 4.97 -151.24	234.99 6.73 -165.37	273.43 14.43 -132.31	148.71 8.45 -69.99	136.36 14.04 -1.21	139.48 8.88 -48.50	130.91 7.09 -59.35	128.49 8.31 -41.09
BROOKLYN_NAVY_YARD 23515	85.99 6.92 0.00	83.41 6.80 0.00	87.45 6.95 0.00	91.88 7.17 0.00	113.16 8.52 0.00	182.17 13.71 0.00	181.16 14.50 0.00	219.18 18.32 0.00	216.28 17.81 0.00	122.36 10.70 -2.73	118.97 9.39 -17.30	102.42 9.01 -4.10	108.55 6.48 -37.44	107.30 7.37 -27.61	107.67 3.98 -64.06	132.83 4.08 -88.10	193.40 3.99 -148.68	234.23 6.03 -165.32	271.06 12.10 -132.27	146.55 6.57 -69.71	133.43 11.11 -1.21	137.88 7.28 -48.49	129.29 5.49 -59.34	126.71 6.54 -41.08
BROOKLYN___ARMY_DRP 323595	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
BROOKVLE_69_KV_TB1 55790	87.44 8.36 -0.01	84.70 8.08 -0.01	88.55 8.06 -0.01	93.20 8.49 0.00	115.01 10.37 0.00	184.94 16.48 0.00	183.04 16.38 0.00	222.04 21.17 -0.01	218.55 20.07 -0.01	124.29 12.14 -3.23	136.63 10.94 -33.41	121.25 10.35 -21.59	142.83 7.52 -70.70	123.94 8.50 -43.14	122.83 4.71 -78.48	154.04 4.84 -108.54	205.16 4.66 -159.77	235.08 6.82 -165.37	272.98 13.98 -132.31	147.99 7.73 -69.99	135.54 13.22 -1.21	139.28 8.68 -48.50	130.48 6.66 -59.35	128.09 7.91 -41.09
BROOME_2_LFGE 323671	79.48 0.40 0.00	77.03 0.42 0.00	81.00 0.51 0.00	85.31 0.61 0.00	105.32 0.69 0.00	169.98 1.53 0.00	168.46 1.80 0.00	202.41 1.55 0.00	199.95 1.48 0.00	110.79 1.63 -0.24	94.83 1.04 -1.52	90.66 0.99 -0.36	68.63 0.73 -3.28	77.83 0.32 -5.20	62.03 0.31 -22.09	65.97 0.36 -24.96	69.63 0.27 -28.62	88.43 0.32 -25.22	142.46 0.61 -15.16	89.82 0.20 -19.36	114.38 0.34 7.07	86.93 -0.03 -4.85	82.71 0.02 -18.22	92.91 0.09 -13.72
BROOME___LFGE 323600	79.48 0.40 0.00	77.03 0.42 0.00	81.00 0.51 0.00	85.31 0.61 0.00	105.32 0.69 0.00	169.98 1.53 0.00	168.46 1.80 0.00	202.41 1.55 0.00	199.95 1.48 0.00	110.79 1.63 -0.24	94.83 1.04 -1.52	90.66 0.99 -0.36	68.63 0.73 -3.28	77.83 0.32 -5.20	62.03 0.31 -22.09	65.97 0.36 -24.96	69.63 0.27 -28.62	88.43 0.32 -25.22	142.46 0.61 -15.16	89.82 0.20 -19.36	114.38 0.34 7.07	86.93 -0.03 -4.85	82.71 0.02 -18.22	92.91 0.09 -13.72
BROWNFLS_115KV_TB_3_5 80003	78.01 -1.06 0.00	75.01 -1.60 0.00	79.29 -1.21 0.00	83.54 -1.16 0.00	103.19 -1.45 0.00	165.23 -3.23 0.00	162.97 -3.68 0.00	199.24 -1.62 0.00	197.79 -0.68 0.00	107.16 -1.77 0.00	90.55 -1.73 0.00	87.13 -2.18 0.00	62.65 -1.97 0.00	70.33 -2.25 -0.27	39.55 -1.65 -1.57	40.77 -1.53 -1.65	41.05 -1.25 -1.57	62.85 -1.34 -1.30	124.95 -2.09 -0.35	70.43 -1.49 -1.66	119.41 -1.70 -0.01	83.16 -0.10 -1.15	65.79 -0.09 -1.41	79.91 -0.16 -0.98
BROWNSV1_27_KV_LOAD 356125	87.08 8.01 0.00	84.42 7.81 0.00	88.47 7.98 0.00	92.97 8.26 0.00	114.51 9.88 0.00	184.44 15.99 0.00	183.51 16.85 0.00	222.11 21.25 0.00	219.25 20.77 0.00	124.02 12.36 -2.73	120.35 10.78 -17.30	103.70 10.29 -4.10	109.52 7.46 -37.44	108.36 8.43 -27.61	108.25 4.56 -64.06	133.45 4.69 -88.10	194.01 4.60 -148.68	235.23 7.02 -165.32	273.02 14.07 -132.27	147.65 7.67 -69.71	135.35 13.03 -1.21	139.11 8.52 -48.49	130.20 6.40 -59.34	127.84 7.67 -41.08
BURROWS___LYONSDAL 23803	80.28 1.21 0.00	77.32 0.71 0.00	81.73 1.24 0.00	86.25 1.54 0.00	106.79 2.15 0.00	171.90 3.45 0.00	171.77 5.11 0.00	208.76 7.90 0.00	206.56 8.08 0.00	113.05 4.12 0.00	95.40 3.12 0.00	91.61 2.30 0.00	65.93 1.31 0.00	73.97 1.29 -0.37	42.39 0.63 -2.14	43.72 0.83 -2.24	44.01 1.14 -2.13	66.77 2.11 -1.76	131.92 4.75 -0.48	74.82 2.31 -2.25	125.58 4.46 -0.01	86.95 3.29 -1.57	68.67 2.29 -1.92	82.87 2.46 -1.33
CAITHNESS_CC_1 323624	87.95 8.87 0.00	84.97 8.36 0.00	88.66 8.17 0.00	93.49 8.78 0.00	115.74 11.09 0.00	185.71 17.26 0.00	183.73 17.08 0.00	223.07 22.21 0.00	217.67 19.20 0.00	122.93 11.16 -2.84	123.90 10.67 -20.95	94.44 9.58 4.44	92.55 6.82 -21.10	100.01 7.71 -19.99	101.05 4.43 -56.99	138.33 4.93 -92.75	196.89 4.93 -151.23	234.91 6.65 -165.37	273.27 14.27 -132.31	148.56 8.30 -70.00	136.14 13.82 -1.21	139.39 8.79 -48.50	130.83 7.01 -59.35	128.40 8.22 -41.09
CALPINE BETH_PAGE_GT4 24209	87.45 8.37 -0.01	84.63 8.02 -0.01	88.37 7.88 0.00	93.03 8.33 0.00	114.63 9.99 0.00	184.14 15.69 0.00	182.51 15.85 0.00	221.61 20.74 0.00	217.30 18.82 0.00	123.36 11.32 -3.11	132.92 10.97 -29.67	113.12 10.00 -13.81	127.82 7.38 -55.82	116.86 8.36 -36.19	116.35 4.68 -72.04	149.39 4.93 -103.80	202.56 4.62 -157.21	234.80 6.55 -165.37	272.70 13.70 -132.31	147.67 7.41 -69.99	134.74 12.42 -1.21	138.60 8.00 -48.50	130.13 6.31 -59.35	127.61 7.43 -41.09
CALPINE_BETH_PAGE_GT_4 323586	87.43 8.35 -0.01	84.62 8.00 -0.01	88.37 7.88 0.00	93.04 8.34 0.00	114.65 10.01 0.00	184.15 15.70 0.00	182.51 15.85 0.00	221.59 20.73 0.00	217.27 18.79 0.00	123.34 11.30 -3.11	132.91 10.96 -29.67	113.12 10.00 -13.81	127.80 7.36 -55.82	116.86 8.36 -36.19	116.35 4.68 -72.04	149.38 4.93 -103.80	202.56 4.61 -157.21	234.80 6.55 -165.37	272.70 13.70 -132.31	147.67 7.41 -70.00	134.72 12.40 -1.21	138.59 7.99 -48.50	130.13 6.31 -59.35	127.61 7.43 -41.09
CALPINE_BP_GT1 23823	87.43 8.35 -0.01	84.62 8.00 -0.01	88.37 7.88 0.00	93.04 8.34 0.00	114.65 10.01 0.00	184.15 15.70 0.00	182.51 15.85 0.00	221.59 20.73 0.00	217.27 18.79 0.00	123.34 11.30 -3.11	132.91 10.96 -29.67	113.12 10.00 -13.81	127.80 7.36 -55.82	116.86 8.36 -36.19	116.35 4.68 -72.04	149.38 4.93 -103.80	202.56 4.61 -157.21	234.80 6.55 -165.37	272.70 13.70 -132.31	147.67 7.41 -70.00	134.72 12.40 -1.21	138.59 7.99 -48.50	130.13 6.31 -59.35	127.61 7.43 -41.09
CALSPAN___DRP 24200	73.22 -5.85 0.00	71.13 -5.48 0.00	75.57 -4.92 0.00	79.94 -4.77 0.00	98.60 -6.04 0.00	158.80 -9.65 0.00	157.16 -9.50 0.00	185.27 -15.58 0.00	183.83 -14.64 0.00	102.38 -6.67 -0.12	87.03 -6.01 -0.76	83.33 -6.16 -0.18	62.06 -4.21 -1.65	69.36 -5.49 -2.54	48.46 -2.66 -11.48	50.91 -2.70 -12.95	50.79 -3.04 -13.10	64.38 -4.37 -5.85	117.99 -9.43 -0.73	67.77 -5.63 -3.13	95.07 -9.15 16.89	58.34 -6.33 17.44	66.13 -4.97 -6.63	80.79 -5.41 -7.11

CALVERTON___SOLAR 323806	88.03 8.96 0.00	85.04 8.43 0.00	88.71 8.23 0.00	93.55 8.84 0.00	115.86 11.22 0.00	185.98 17.53 0.00	183.74 17.08 0.00	222.95 22.10 0.00	217.52 19.05 0.00	122.70 10.93 -2.84	123.86 10.61 -20.97	94.42 9.51 4.40	92.59 6.77 -21.19	99.97 7.63 -20.03	101.08 4.42 -57.03	138.40 4.97 -92.77	196.99 5.02 -151.24	235.03 6.78 -165.37	273.53 14.53 -132.31	148.84 8.58 -70.00	136.57 14.25 -1.21	139.58 8.97 -48.50	130.98 7.16 -59.35	128.59 8.42 -41.09
CANDIGU_WT_PWR 323617	74.40 -4.67 0.01	72.41 -4.20 0.00	76.51 -3.98 0.00	81.15 -3.55 0.00	100.60 -4.03 0.00	162.80 -5.65 0.00	161.35 -5.30 0.00	191.58 -9.28 0.00	189.28 -9.20 0.00	105.04 -4.05 -0.16	89.65 -3.67 -1.05	86.34 -3.22 -0.25	64.96 -1.92 -2.26	72.33 -3.28 -3.30	53.35 -1.53 -15.25	56.37 -1.50 -17.21	55.53 -1.72 -16.51	63.93 -2.93 -3.96	117.96 -6.08 2.65	67.08 -3.53 -0.35	85.60 -5.82 29.68	43.35 -4.62 34.13	68.02 -3.69 -7.24	84.19 -4.33 -9.43
CARR STREET_E_SYR 24060	77.99 -1.08 0.00	75.61 -1.00 0.00	79.52 -0.97 0.00	83.76 -0.94 0.00	103.42 -1.22 0.00	166.80 -1.66 0.00	165.46 -1.20 0.00	199.02 -1.84 0.00	196.69 -1.79 0.00	108.46 -0.54 -0.07	92.11 -0.60 -0.43	88.71 -0.70 -0.10	65.09 -0.46 -0.93	73.16 -0.72 -1.56	46.04 -0.22 -6.63	47.91 -0.21 -7.46	49.26 -0.20 -8.72	70.70 -0.38 -8.18	129.85 -0.95 -4.12	76.62 -0.64 -6.99	119.98 -1.16 -0.02	86.01 -0.96 -4.86	69.59 -0.83 -5.95	82.16 -1.05 -4.12
CARTHAGE___PAPER 23857	79.32 0.25 0.00	76.24 -0.37 0.00	80.88 0.39 0.00	85.44 0.73 0.00	105.80 1.16 0.00	170.29 1.84 0.00	170.82 4.17 0.00	210.25 9.39 0.00	208.35 9.87 0.00	113.28 4.35 0.00	95.57 3.29 0.00	91.14 1.83 0.00	65.12 0.50 0.00	72.76 -0.02 -0.46	42.02 -0.28 -2.68	43.87 0.42 -2.80	44.43 1.02 -2.67	67.66 2.56 -2.21	133.34 6.05 -0.60	75.73 2.65 -2.82	126.72 5.60 -0.01	88.47 4.41 -1.96	69.84 2.98 -2.40	83.76 3.01 -1.66
CASSADAGA_WT_PWR 323784	71.30 -7.77 0.00	69.60 -7.01 0.00	74.26 -6.23 0.00	78.86 -5.84 0.00	98.32 -6.32 0.00	160.22 -8.23 0.00	159.99 -6.67 0.00	189.78 -11.08 0.00	188.68 -9.80 0.00	105.68 -3.38 -0.13	88.81 -4.27 -0.80	83.88 -5.62 -0.19	62.89 -3.46 -1.73	69.99 -4.97 -2.65	49.57 -2.09 -12.03	51.51 -2.73 -13.58	51.42 -2.92 -13.61	64.10 -4.42 -5.63	117.00 -9.98 -0.29	66.66 -6.39 -2.78	91.58 -10.88 18.65	55.03 -7.36 19.71	65.36 -5.85 -6.74	79.83 -6.71 -7.45
CE_DUNWOOD___DRP 24194	85.77 6.70 0.00	83.17 6.56 0.00	87.17 6.67 0.00	91.63 6.93 0.00	112.91 8.27 0.00	181.71 13.26 0.00	180.56 13.90 0.00	218.38 17.52 0.00	215.32 16.84 0.00	121.75 10.10 -2.72	118.37 8.85 -17.25	101.85 8.45 -4.09	108.09 6.14 -37.33	106.84 6.98 -27.54	107.37 3.80 -63.94	132.51 3.94 -87.91	192.92 3.88 -148.31	233.65 5.87 -164.88	270.40 11.81 -131.90	146.22 6.37 -69.58	133.15 10.83 -1.21	137.62 7.12 -48.40	129.07 5.37 -59.23	126.50 6.41 -41.00
CE_MILLWOOD___DRP 24193	85.57 6.50 0.00	82.97 6.36 0.00	86.96 6.47 0.00	91.44 6.74 0.00	112.65 8.01 0.00	181.30 12.84 0.00	180.15 13.49 0.00	217.85 16.99 0.00	214.72 16.25 0.00	121.41 9.78 -2.71	118.00 8.56 -17.17	101.54 8.17 -4.07	107.72 5.94 -37.16	106.51 6.77 -27.44	107.08 3.68 -63.76	132.11 3.83 -87.63	192.25 3.77 -147.74	232.83 5.71 -164.22	269.49 11.46 -131.34	145.82 6.17 -69.38	132.83 10.51 -1.21	137.28 6.92 -48.26	128.73 5.21 -59.05	126.12 6.18 -40.84
CE_NYC2_DRP 24202	86.53 7.46 0.00	83.93 7.32 0.00	87.98 7.48 0.00	92.42 7.71 0.00	113.79 9.15 0.00	183.09 14.63 0.00	182.25 15.59 0.00	220.55 19.68 0.00	217.67 19.19 0.00	123.14 11.48 -2.73	119.68 10.10 -17.30	103.24 9.61 -4.31	109.26 6.97 -37.67	107.80 7.87 -27.62	107.94 4.25 -64.07	133.12 4.35 -88.11	193.70 4.27 -148.69	234.72 6.49 -165.33	271.97 13.00 -132.28	147.07 7.09 -69.72	134.32 12.00 -1.21	138.37 7.77 -48.49	129.68 5.87 -59.34	127.21 7.04 -41.08
CE_NYC_DRP 24195	86.21 7.14 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.11 7.41 0.00	113.42 8.78 0.00	182.62 14.17 0.00	181.61 14.95 0.00	219.71 18.85 0.00	216.84 18.37 0.00	122.74 11.08 -2.73	119.31 9.73 -17.30	102.69 9.28 -4.10	108.80 6.74 -37.44	107.57 7.64 -27.61	107.81 4.12 -64.06	132.99 4.23 -88.10	193.56 4.14 -148.68	234.46 6.26 -165.31	271.47 12.51 -132.26	146.78 6.81 -69.71	133.84 11.52 -1.21	138.10 7.51 -48.49	129.45 5.64 -59.34	126.93 6.77 -41.08
CHAFFEE___LFGE 323603	73.82 -5.25 0.00	71.74 -4.86 0.00	76.18 -4.32 0.00	80.61 -4.09 0.00	99.19 -5.44 0.00	160.01 -8.44 0.00	158.30 -8.35 0.00	186.85 -14.01 0.00	185.46 -13.02 0.00	103.34 -5.71 -0.12	87.87 -5.20 -0.79	84.07 -5.43 -0.19	62.71 -3.63 -1.71	70.03 -4.91 -2.63	49.20 -2.36 -11.93	51.71 -2.40 -13.46	51.56 -2.72 -13.55	64.90 -3.82 -5.83	118.88 -8.33 -0.52	68.17 -5.09 -3.01	94.96 -8.12 18.02	57.51 -5.76 18.83	66.78 -4.47 -6.78	81.61 -4.86 -7.38
CHATEAUG_35_KV_LOAD 355732	76.65 -2.42 0.00	74.06 -2.55 0.00	77.86 -2.63 0.00	82.00 -2.70 0.00	101.71 -2.93 0.00	164.28 -4.17 0.00	161.85 -4.80 0.00	195.53 -5.33 0.00	193.22 -5.25 0.00	105.28 -3.65 0.00	89.09 -3.19 0.00	86.67 -2.64 0.00	62.59 -2.04 0.00	70.18 -2.13 0.00	38.07 -1.55 0.00	39.04 -1.62 0.00	39.22 -1.52 0.00	60.38 -2.51 0.00	122.48 -4.21 0.00	68.08 -2.18 0.00	117.78 -3.32 0.00	80.14 -1.96 0.00	63.21 -1.26 0.00	77.58 -1.51 0.00
CHATEAUG_WT_PWR 323614	76.55 -2.52 0.00	73.97 -2.64 0.00	77.73 -2.76 0.00	81.87 -2.84 0.00	101.51 -3.13 0.00	163.99 -4.46 0.00	161.50 -5.16 0.00	195.19 -5.66 0.00	192.81 -5.66 0.00	105.12 -3.81 0.00	88.97 -3.30 0.00	86.51 -2.80 0.00	62.50 -2.13 0.00	70.10 -2.21 0.00	38.04 -1.58 0.00	38.99 -1.66 0.00	39.15 -1.59 0.00	60.25 -2.64 0.00	122.03 -4.66 0.00	67.95 -2.32 0.00	117.48 -3.63 0.00	79.95 -2.15 0.00	63.07 -1.39 0.00	77.43 -1.66 0.00
CHAT_HIGH_FALL_HYD 323578	76.65 -2.42 0.00	74.06 -2.55 0.00	77.86 -2.63 0.00	82.00 -2.70 0.00	101.71 -2.93 0.00	164.28 -4.17 0.00	161.85 -4.80 0.00	195.53 -5.33 0.00	193.22 -5.25 0.00	105.28 -3.65 0.00	89.09 -3.19 0.00	86.67 -2.64 0.00	62.59 -2.04 0.00	70.18 -2.13 0.00	38.07 -1.55 0.00	39.04 -1.62 0.00	39.22 -1.52 0.00	60.38 -2.51 0.00	122.48 -4.21 0.00	68.08 -2.18 0.00	117.78 -3.32 0.00	80.14 -1.96 0.00	63.21 -1.26 0.00	77.58 -1.51 0.00
CHAUTAUQUA___LFGE 323629	72.32 -6.75 0.00	70.39 -6.22 0.00	74.98 -5.52 0.00	79.50 -5.21 0.00	98.50 -6.13 0.00	159.69 -8.76 0.00	158.88 -7.77 0.00	188.03 -12.83 0.00	186.81 -11.66 0.00	104.36 -4.69 -0.12	88.21 -4.85 -0.78	83.71 -5.78 -0.18	62.56 -3.74 -1.68	69.74 -5.15 -2.58	48.97 -2.36 -11.71	51.18 -2.68 -13.21	51.12 -2.91 -13.30	64.42 -4.19 -5.72	117.67 -9.52 -0.51	67.33 -5.88 -2.95	93.59 -9.83 17.68	56.84 -6.78 18.48	65.87 -5.26 -6.66	80.44 -5.89 -7.25
CHERRYST_13_KV_LD 356241	86.44 7.37 0.00	83.83 7.22 0.00	87.86 7.36 0.00	92.32 7.62 0.00	113.73 9.10 0.00	183.11 14.66 0.00	182.15 15.49 0.00	220.41 19.55 0.00	217.61 19.13 0.00	123.16 11.50 -2.73	119.65 10.08 -17.30	103.04 9.62 -4.10	109.06 7.00 -37.44	107.86 7.93 -27.61	107.96 4.27 -64.06	133.15 4.39 -88.10	193.71 4.30 -148.68	234.70 6.50 -165.31	271.93 12.97 -132.26	147.02 7.05 -69.71	134.26 11.94 -1.21	138.37 7.78 -48.49	129.65 5.85 -59.34	127.18 7.02 -41.08

CHESTROR_138KV_BK263 355645	84.57 5.49 0.00	82.01 5.40 0.00	85.89 5.40 0.00	90.32 5.61 0.00	111.31 6.67 0.00	179.19 10.74 0.00	178.04 11.38 0.00	215.11 14.25 0.00	211.93 13.45 0.00	119.43 8.12 -2.39	114.45 7.05 -15.12	99.61 6.72 -3.58	102.30 4.94 -32.73	102.65 5.63 -24.71	102.01 3.10 -59.28	124.34 3.23 -80.45	177.20 3.20 -133.27	215.19 4.85 -147.45	253.48 9.70 -117.08	139.86 5.23 -64.37	131.06 8.83 -1.12	132.74 5.86 -44.77	123.68 4.42 -54.79	122.26 5.23 -37.94
CH_MIDHUDSON___DRP 24192	86.00 6.93 0.00	83.37 6.76 0.00	87.40 6.91 0.00	91.90 7.20 0.00	113.28 8.65 0.00	182.36 13.90 0.00	181.17 14.51 0.00	219.17 18.31 0.00	216.06 17.58 0.00	121.86 10.25 -2.68	118.11 8.85 -16.99	101.80 8.47 -4.02	107.59 6.20 -36.77	106.86 7.07 -27.48	108.46 3.85 -64.97	133.39 4.03 -88.71	192.88 4.02 -148.13	233.28 6.19 -164.20	269.75 12.58 -130.48	147.51 6.68 -70.57	133.72 11.36 -1.26	138.70 7.52 -49.08	130.20 5.67 -60.06	127.44 6.77 -41.58
CH_MISC_IPPS 23765	86.49 7.42 0.00	83.84 7.23 0.00	87.87 7.37 0.00	92.40 7.69 0.00	113.94 9.30 0.00	183.47 15.01 0.00	182.46 15.80 0.00	220.72 19.85 0.00	217.44 18.97 0.00	122.49 10.96 -2.60	118.16 9.39 -16.48	102.23 9.02 -3.91	106.88 6.58 -35.68	106.63 7.53 -26.79	107.52 4.13 -63.76	131.81 4.33 -86.83	189.54 4.35 -144.45	229.63 6.67 -160.07	267.53 13.34 -127.51	146.65 7.10 -69.28	134.42 12.08 -1.23	138.27 7.97 -48.19	129.48 6.04 -58.97	127.05 7.14 -40.83
CH_RES_BVR_FALLS 23983	77.40 -1.68 0.00	74.83 -1.78 0.00	78.66 -1.83 0.00	82.76 -1.95 0.00	102.51 -2.13 0.00	165.08 -3.37 0.00	163.23 -3.43 0.00	197.11 -3.75 0.00	195.11 -3.36 0.00	106.51 -2.42 0.00	89.96 -2.32 0.00	87.14 -2.17 0.00	62.95 -1.68 0.00	70.53 -1.78 0.00	38.41 -1.22 0.00	39.39 -1.26 0.00	39.56 -1.18 0.00	61.27 -1.62 0.00	123.66 -3.03 0.00	68.63 -1.64 0.00	118.61 -2.50 0.00	80.58 -1.52 0.00	63.39 -1.08 0.00	77.76 -1.33 0.00
CH_RES_NIAGARA 23895	71.36 -7.71 0.00	69.33 -7.28 0.00	73.69 -6.80 0.00	77.88 -6.83 0.00	95.75 -8.89 0.00	153.77 -14.69 0.00	151.97 -14.68 0.00	177.99 -22.87 0.00	176.85 -21.62 0.00	98.42 -10.62 -0.11	83.73 -9.25 -0.70	80.23 -9.24 -0.17	59.69 -6.45 -1.52	66.79 -7.88 -2.36	46.31 -3.94 -10.62	48.66 -3.97 -11.97	48.56 -4.41 -12.24	62.40 -6.48 -5.99	114.17 -13.74 -1.22	65.81 -7.94 -3.49	93.66 -12.95 14.50	59.07 -8.61 14.43	64.18 -6.66 -6.37	78.61 -7.05 -6.58
CH_RES_SYRACUSE 23985	78.85 -0.22 0.00	76.42 -0.19 0.00	80.38 -0.11 0.00	84.64 -0.06 0.00	104.52 -0.11 0.00	168.59 0.13 0.00	167.22 0.56 0.00	201.23 0.37 0.00	198.85 0.37 0.00	109.64 0.63 -0.08	93.07 0.29 -0.50	89.66 0.23 -0.12	65.89 0.19 -1.08	74.09 -0.02 -1.80	47.40 0.16 -7.61	49.42 0.19 -8.57	51.00 0.22 -10.04	72.64 0.32 -9.43	131.89 0.44 -4.76	78.45 0.15 -8.03	121.31 0.18 -0.03	87.60 -0.09 -5.58	71.11 -0.19 -6.83	83.56 -0.26 -4.73
CLINTON_WT_PWR 323605	76.55 -2.52 0.00	73.97 -2.64 0.00	77.73 -2.76 0.00	81.87 -2.84 0.00	101.51 -3.13 0.00	163.99 -4.46 0.00	161.50 -5.16 0.00	195.19 -5.66 0.00	192.81 -5.66 0.00	105.12 -3.81 0.00	88.97 -3.30 0.00	86.51 -2.80 0.00	62.50 -2.13 0.00	70.10 -2.21 0.00	38.04 -1.58 0.00	38.99 -1.66 0.00	39.15 -1.59 0.00	60.25 -2.64 0.00	122.03 -4.66 0.00	67.95 -2.32 0.00	117.48 -3.63 0.00	79.95 -2.15 0.00	63.07 -1.39 0.00	77.43 -1.66 0.00
CLINTON___LFGE 323618	78.00 -1.07 0.00	75.38 -1.23 0.00	79.20 -1.29 0.00	83.38 -1.33 0.00	103.32 -1.32 0.00	166.79 -1.66 0.00	164.41 -2.25 0.00	199.02 -1.84 0.00	195.91 -2.56 0.00	107.07 -1.86 0.00	90.66 -1.62 0.00	88.01 -1.31 0.00	63.55 -1.07 0.00	71.41 -0.90 0.00	38.73 -0.90 0.00	39.71 -0.95 0.00	39.91 -0.82 0.00	61.49 -1.40 0.00	124.45 -2.24 0.00	69.25 -1.01 0.00	119.76 -1.35 0.00	81.41 -0.70 0.00	64.21 -0.26 0.00	78.79 -0.30 0.00
COBBLENY_34_KV_TB1 80064	73.80 -5.27 0.00	71.76 -4.85 0.00	76.18 -4.32 0.00	80.58 -4.12 0.00	99.33 -5.31 0.00	160.04 -8.42 0.00	158.30 -8.36 0.00	186.83 -14.03 0.00	185.41 -13.07 0.00	103.27 -5.78 -0.12	87.82 -5.24 -0.79	84.08 -5.42 -0.19	62.63 -3.71 -1.71	70.03 -4.92 -2.63	49.20 -2.35 -11.93	51.74 -2.38 -13.46	51.58 -2.70 -13.55	64.90 -3.82 -5.83	118.96 -8.25 -0.52	68.24 -5.02 -3.01	94.96 -8.13 18.02	57.60 -5.67 18.83	66.76 -4.49 -6.78	81.59 -4.88 -7.38
COFFEEN___115KV_TB3 355620	79.40 0.32 0.00	76.46 -0.15 0.00	81.11 0.62 0.00	85.71 1.00 0.00	106.11 1.48 0.00	171.17 2.71 0.00	172.47 5.81 0.00	215.92 15.06 0.00	214.26 15.78 0.00	116.37 7.44 0.00	98.33 6.06 0.00	93.33 4.02 0.00	66.19 1.57 0.00	73.94 1.12 -0.51	42.92 0.34 -2.95	45.21 1.46 -3.09	46.00 2.31 -2.95	70.31 4.99 -2.44	138.35 11.00 -0.66	78.55 5.17 -3.11	131.03 9.91 -0.01	91.42 7.15 -2.17	71.95 4.83 -2.65	85.91 4.98 -1.84
COLDSPRG_115KV_BK1 355956	74.46 -4.61 0.00	72.42 -4.18 0.00	76.86 -3.63 0.00	81.32 -3.39 0.00	100.91 -3.73 0.00	163.35 -5.10 0.00	162.12 -4.54 0.00	192.04 -8.82 0.00	190.41 -8.07 0.00	106.57 -2.50 -0.13	90.38 -2.73 -0.84	86.22 -3.29 -0.20	64.44 -1.99 -1.80	72.06 -3.01 -2.76	50.95 -1.23 -12.55	53.24 -1.57 -14.16	52.90 -1.94 -14.11	65.50 -2.89 -5.50	120.39 -6.25 0.06	68.62 -4.17 -2.52	94.08 -6.85 20.18	55.70 -4.75 21.66	67.45 -3.89 -6.88	82.68 -4.17 -7.77
COLONIE_LFGE___ 323577	83.68 4.61 0.00	81.12 4.51 0.00	85.13 4.64 0.00	89.57 4.87 0.00	110.66 6.03 0.00	177.81 9.36 0.00	175.41 8.76 0.00	212.33 11.46 0.00	209.49 11.02 0.00	114.71 5.85 0.07	97.01 5.17 0.44	93.99 4.78 0.10	67.19 3.52 0.95	90.94 4.30 -14.33	127.16 2.44 -85.09	131.63 2.51 -88.46	127.26 2.49 -84.04	148.53 3.76 -81.88	198.57 7.61 -64.27	162.31 4.24 -87.80	132.23 7.25 -3.87	148.07 4.90 -61.07	143.02 3.82 -74.73	135.45 4.62 -51.74
COOPERNY_115KV_TB1 80082	83.08 4.01 0.00	80.57 3.96 0.00	84.44 3.95 0.00	88.82 4.11 0.00	109.53 4.89 0.00	176.35 7.90 0.00	175.08 8.42 0.00	211.26 10.40 0.00	208.35 9.87 0.00	116.64 6.06 -1.64	107.92 5.23 -10.41	96.77 4.99 -2.47	90.84 3.68 -22.54	94.85 4.15 -18.39	90.66 2.28 -48.75	106.75 2.39 -63.71	142.82 2.34 -99.75	175.04 3.54 -108.61	217.86 7.08 -84.09	126.73 3.84 -52.62	128.51 6.48 -0.92	122.99 4.29 -36.60	112.47 3.21 -44.79	113.89 3.79 -31.01
COPENHAGEN_WT_PWR 323753	78.08 -0.99 0.00	75.23 -1.38 0.00	79.95 -0.54 0.00	84.49 -0.21 0.00	104.51 -0.13 0.00	168.46 0.01 0.00	169.78 3.12 0.00	209.13 8.27 0.00	207.07 8.59 0.00	112.64 3.71 0.00	95.05 2.78 0.00	90.45 1.14 0.00	64.55 -0.07 -0.56	72.31 -0.56 -0.68	42.18 0.07 -3.38	44.10 0.73 -3.22	44.68 2.34 -2.66	67.90 5.75 -0.72	133.16 2.25 -3.40	75.91 5.33 -0.01	126.45 4.22 -2.37	88.69 2.73 -2.90	70.09 2.57 -2.01	83.66 2.57 -2.01
CORNELL_____ 23752	80.77 1.70 0.00	78.34 1.73 0.00	82.34 1.85 0.00	86.67 1.96 0.00	107.18 2.54 0.00	173.32 4.87 0.00	172.31 5.65 0.00	207.46 6.60 0.00	205.08 6.60 0.00	113.22 4.12 -0.16	96.30 2.97 -1.05	92.28 2.72 -0.25	68.93 2.01 -2.29	78.77 1.84 -4.61	56.36 1.10 -15.64	59.55 1.24 -17.66	73.26 1.38 -31.14	128.64 2.26 -63.48	185.84 4.40 -54.75	131.00 2.32 -58.42	205.09 3.82 -80.16	216.57 2.30 -132.17	97.28 1.58 -31.23	90.78 1.83 -9.86

CORONA__69_KV_TB1 355595	87.70 8.58 -0.05	84.83 8.18 -0.05	88.69 8.18 -0.02	93.37 8.66 0.00	115.28 10.64 0.00	185.19 16.73 -0.01	183.77 17.09 -0.02	223.02 22.12 -0.05	218.84 20.31 -0.05	125.63 12.13 -4.57	179.88 11.21 -76.39	210.06 10.33 -110.42	313.84 7.41 -241.80	203.67 8.35 -123.00	196.94 4.65 -152.66	208.55 4.86 -163.03	234.78 4.78 -189.26	235.06 6.80 -165.37	273.10 14.10 -132.31	148.12 7.87 -69.99	135.59 13.27 -1.21	139.16 8.56 -48.50	130.50 6.68 -59.35	128.22 8.03 -41.09
CORTLAND__115KV_TB3 80093	80.13 1.06 0.00	77.69 1.08 0.00	81.67 1.18 0.00	86.02 1.31 0.00	106.32 1.68 0.00	171.67 3.21 0.00	170.49 3.83 0.00	205.13 4.27 0.00	202.69 4.21 0.00	111.89 2.83 -0.13	95.23 2.10 -0.86	91.46 1.94 -0.20	67.92 1.44 -1.86	76.91 1.32 -3.27	53.23 0.86 -12.74	55.97 0.93 -14.38	61.47 0.96 -19.77	92.73 1.48 -28.36	151.47 2.84 -21.95	96.54 1.45 -24.84	145.45 2.41 -21.94	125.65 1.40 -42.14	81.56 0.98 -16.11	88.18 1.14 -7.96
COXSACKIE__GT 23611	86.50 7.43 0.00	83.78 7.17 0.00	88.02 7.52 0.00	92.79 8.08 0.00	114.67 10.03 0.00	184.35 15.90 0.00	182.39 15.74 0.00	220.29 19.43 0.00	217.18 18.71 0.00	118.13 8.87 -0.33	101.75 7.37 -2.11	96.33 6.53 -0.50	73.06 3.87 -4.57	90.94 2.96 -15.67	121.23 4.04 -77.56	128.88 3.26 -84.96	134.59 4.20 -89.66	156.01 6.79 -86.33	195.83 13.40 -55.75	159.15 6.79 -82.10	135.08 11.72 -2.25	146.80 7.59 -57.10	140.38 6.03 -69.88	135.18 7.71 -48.38
CPV_VALLEY__CC1 323721	83.74 4.67 0.00	81.21 4.60 0.00	85.07 4.58 0.00	89.43 4.72 0.00	110.27 5.63 0.00	177.50 9.05 0.00	176.25 9.60 0.00	212.88 12.02 0.00	209.86 11.38 0.00	118.02 6.96 -2.13	111.83 6.06 -13.50	98.32 5.81 -3.20	98.09 4.26 -29.21	99.66 4.85 -22.50	97.75 2.66 -55.47	117.90 2.76 -74.49	164.98 2.72 -121.52	200.85 4.10 -133.86	240.47 8.23 -105.54	134.81 4.42 -60.13	129.64 7.48 -1.05	128.88 4.95 -41.82	119.36 3.71 -51.18	118.91 4.38 -35.44
CPV_VALLEY__CC2 323722	83.74 4.67 0.00	81.21 4.60 0.00	85.07 4.58 0.00	89.43 4.72 0.00	110.27 5.63 0.00	177.50 9.05 0.00	176.25 9.60 0.00	212.88 12.02 0.00	209.86 11.38 0.00	118.02 6.96 -2.13	111.83 6.06 -13.50	98.32 5.81 -3.20	98.09 4.26 -29.21	99.66 4.85 -22.50	97.75 2.66 -55.47	117.90 2.76 -74.49	164.98 2.72 -121.52	200.85 4.10 -133.86	240.47 8.23 -105.54	134.81 4.42 -60.13	129.64 7.48 -1.05	128.88 4.95 -41.82	119.36 3.71 -51.18	118.91 4.38 -35.44
CRESCENT__HYD 24018	83.68 4.61 0.00	81.12 4.51 0.00	85.13 4.64 0.00	89.57 4.87 0.00	110.66 6.03 0.00	177.81 9.36 0.00	175.41 8.76 0.00	212.33 11.46 0.00	209.49 11.02 0.00	114.71 5.85 0.07	97.01 5.17 0.44	93.99 4.78 0.10	67.19 3.52 0.95	90.94 4.30 -14.33	127.16 2.44 -85.09	131.63 2.51 -88.46	127.26 2.49 -84.04	148.53 3.76 -81.88	198.57 7.61 -64.27	162.31 4.24 -87.80	132.23 7.25 -3.87	148.07 4.90 -61.07	143.02 3.82 -74.73	135.45 4.62 -51.74
CRICKET__VALLEY_CC1 323756	85.18 6.11 0.00	82.61 6.00 0.00	86.61 6.12 0.00	91.09 6.38 0.00	112.26 7.62 0.00	180.35 11.90 0.00	178.77 12.12 0.00	216.45 15.59 0.00	213.48 15.00 0.00	120.59 8.89 -2.77	117.55 7.71 -17.57	100.82 7.34 -4.16	108.00 5.35 -38.02	107.02 6.18 -28.52	110.83 3.35 -67.85	136.51 3.47 -92.39	197.99 3.45 -153.80	238.68 5.27 -170.52	273.29 10.58 -136.03	149.54 5.67 -73.60	132.21 9.78 -1.32	139.85 6.55 -51.19	132.05 4.93 -62.65	128.44 5.97 -43.37
CRICKET__VALLEY_CC2 323757	85.18 6.11 0.00	82.61 6.00 0.00	86.61 6.12 0.00	91.09 6.38 0.00	112.26 7.62 0.00	180.35 11.90 0.00	178.77 12.12 0.00	216.45 15.59 0.00	213.48 15.00 0.00	120.59 8.89 -2.77	117.55 7.71 -17.57	100.82 7.34 -4.16	108.00 5.35 -38.02	107.02 6.18 -28.52	110.83 3.35 -67.85	136.51 3.47 -92.39	197.99 3.45 -153.80	238.68 5.27 -170.52	273.29 10.58 -136.03	149.54 5.67 -73.60	132.21 9.78 -1.32	139.85 6.55 -51.19	132.05 4.93 -62.65	128.44 5.97 -43.37
CRICKET__VALLEY_CC3 323758	85.18 6.11 0.00	82.61 6.00 0.00	86.61 6.12 0.00	91.09 6.38 0.00	112.26 7.62 0.00	180.35 11.90 0.00	178.77 12.12 0.00	216.45 15.59 0.00	213.48 15.00 0.00	120.59 8.89 -2.77	117.55 7.71 -17.57	100.82 7.34 -4.16	108.00 5.35 -38.02	107.02 6.18 -28.52	110.83 3.35 -67.85	136.51 3.47 -92.39	197.99 3.45 -153.80	238.68 5.27 -170.52	273.29 10.58 -136.03	149.54 5.67 -73.60	132.21 9.78 -1.32	139.85 6.55 -51.19	132.05 4.93 -62.65	128.44 5.97 -43.37
CRUCIBLE__METL_DRP 24180	78.85 -0.22 0.00	76.42 -0.19 0.00	80.37 -0.12 0.00	84.64 -0.06 0.00	104.52 -0.11 0.00	168.60 0.14 0.00	167.22 0.56 0.00	201.25 0.39 0.00	198.84 0.36 0.00	109.63 0.62 -0.08	93.08 0.30 -0.50	89.66 0.23 -0.12	65.89 0.19 -1.08	74.10 -0.01 -1.80	47.40 0.16 -7.61	49.42 0.19 -8.57	51.00 0.22 -10.04	72.64 0.31 -9.43	131.90 0.45 -4.76	78.46 0.17 -8.03	121.33 0.20 -0.03	87.62 -0.07 -5.58	71.11 -0.19 -6.83	83.55 -0.27 -4.73
DAHOWA__HYDRO 323763	84.76 5.70 0.00	82.14 5.53 0.00	86.25 5.76 0.00	90.73 6.02 0.00	112.23 7.59 0.00	180.86 12.41 0.00	178.73 12.07 0.00	216.80 15.94 0.00	213.53 15.05 0.00	116.36 7.55 0.12	98.00 6.49 0.77	95.04 5.91 0.18	67.37 4.41 1.66	91.87 5.32 -14.24	129.06 3.10 -86.33	133.41 3.40 -89.36	128.04 3.43 -83.88	151.27 5.36 -83.03	206.54 10.74 -69.11	165.45 6.02 -89.17	135.72 10.23 -4.38	150.82 6.70 -62.02	145.37 5.00 -75.90	137.54 5.91 -52.54
DANC__LFGE 323619	77.61 -1.46 0.00	74.96 -1.65 0.00	79.33 -1.17 0.00	83.74 -0.96 0.00	103.49 -1.15 0.00	166.83 -1.62 0.00	167.11 0.46 0.00	203.05 2.19 0.00	200.87 2.39 0.00	109.81 0.88 0.00	92.79 0.51 0.00	88.87 -0.44 0.00	63.84 -0.79 0.00	71.81 -1.22 -0.73	43.02 -0.80 -4.20	44.66 -0.38 -4.39	44.91 -0.01 -4.19	67.02 0.67 -3.46	129.44 1.81 -0.94	75.11 0.43 -4.42	122.64 1.52 -0.02	86.49 1.31 -3.07	68.90 0.67 -3.76	82.06 0.37 -2.60
DANSKAMMER__1 23586	86.49 7.42 0.00	83.84 7.23 0.00	87.87 7.37 0.00	92.40 7.69 0.00	113.94 9.30 0.00	183.47 15.01 0.00	182.46 15.80 0.00	220.72 19.85 0.00	217.44 18.97 0.00	122.49 10.96 -2.60	118.16 9.39 -16.48	102.23 9.02 -3.91	106.88 6.58 -35.68	106.63 7.53 -26.79	107.52 4.13 -63.76	131.81 4.33 -86.83	189.54 4.35 -144.45	229.63 6.67 -160.07	267.53 13.34 -127.51	146.65 7.10 -69.28	134.42 12.08 -1.23	138.27 7.97 -48.19	129.48 6.04 -58.97	127.05 7.14 -40.83
DANSKAMMER__2 23589	86.49 7.42 0.00	83.84 7.23 0.00	87.87 7.37 0.00	92.40 7.69 0.00	113.94 9.30 0.00	183.47 15.01 0.00	182.46 15.80 0.00	220.72 19.85 0.00	217.44 18.97 0.00	122.49 10.96 -2.60	118.16 9.39 -16.48	102.23 9.02 -3.91	106.88 6.58 -35.68	106.63 7.53 -26.79	107.52 4.13 -63.76	131.81 4.33 -86.83	189.54 4.35 -144.45	229.63 6.67 -160.07	267.53 13.34 -127.51	146.65 7.10 -69.28	134.42 12.08 -1.23	138.27 7.97 -48.19	129.48 6.04 -58.97	127.05 7.14 -40.83
DANSKAMMER__3 23590	86.49 7.42 0.00	83.84 7.23 0.00	87.87 7.37 0.00	92.40 7.69 0.00	113.94 9.30 0.00	183.47 15.01 0.00	182.46 15.80 0.00	220.72 19.85 0.00	217.44 18.97 0.00	122.49 10.96 -2.60	118.16 9.39 -16.48	102.23 9.02 -3.91	106.88 6.58 -35.68	106.63 7.53 -26.79	107.52 4.13 -63.76	131.81 4.33 -86.83	189.54 4.35 -144.45	229.63 6.67 -160.07	267.53 13.34 -127.51	146.65 7.10 -69.28	134.42 12.08 -1.23	138.27 7.97 -48.19	129.48 6.04 -58.97	127.05 7.14 -40.83

DANSKAMMER___4 23591	86.49 7.42 0.00	83.84 7.23 0.00	87.87 7.37 0.00	92.40 7.69 0.00	113.94 9.30 0.00	183.47 15.01 0.00	182.46 15.80 0.00	220.72 19.85 0.00	217.44 18.97 0.00	122.49 10.96 -2.60	118.16 9.39 -16.48	102.23 9.02 -3.91	106.88 6.58 -35.68	106.63 7.53 -26.79	107.52 4.13 -63.76	131.81 4.33 -86.83	189.54 4.35 -144.45	229.63 6.67 -160.07	267.53 13.34 -127.51	146.65 7.10 -69.28	134.42 12.08 -1.23	138.27 7.97 -48.19	129.48 6.04 -58.97	127.05 7.14 -40.83
DANSKAMMER___DIESEL 23592	86.49 7.42 0.00	83.84 7.23 0.00	87.86 7.37 0.00	92.40 7.69 0.00	113.93 9.29 0.00	183.47 15.02 0.00	182.47 15.81 0.00	220.71 19.85 0.00	217.43 18.96 0.00	122.49 10.97 -2.60	118.16 9.40 -16.48	102.23 9.02 -3.91	106.89 6.59 -35.68	106.63 7.53 -26.79	107.52 4.13 -63.76	131.81 4.33 -86.83	189.53 4.34 -144.45	229.64 6.67 -160.07	267.53 13.34 -127.51	146.67 7.12 -69.28	134.42 12.09 -1.23	138.28 7.98 -48.19	129.48 6.04 -58.97	127.05 7.13 -40.83
DARBY___SOLAR 323810	84.44 5.37 0.00	81.83 5.22 0.00	85.92 5.43 0.00	90.37 5.67 0.00	111.77 7.13 0.00	180.01 11.56 0.00	177.87 11.21 0.00	215.59 14.72 0.00	212.35 13.87 0.00	115.81 6.99 0.11	97.63 6.06 0.71	94.64 5.50 0.17	67.21 4.13 1.54	91.56 4.98 -14.26	128.67 2.89 -86.15	133.06 3.16 -89.24	127.87 3.18 -83.95	150.80 4.95 -82.96	205.21 9.92 -68.60	164.80 5.56 -88.97	134.89 9.47 -4.31	150.23 6.25 -61.88	144.88 4.68 -75.73	137.06 5.54 -52.43
DASHVILLE___HYD 23610	88.30 9.23 0.00	85.56 8.95 0.00	89.67 9.18 0.00	94.37 9.67 0.00	116.40 11.76 0.00	187.71 19.25 0.00	187.14 20.48 0.00	226.63 25.77 0.00	223.13 24.65 0.00	124.41 13.58 -1.90	115.71 11.36 -12.06	103.22 11.05 -2.86	98.86 8.12 -26.11	104.50 9.24 -22.95	110.41 5.15 -65.63	129.78 5.41 -83.71	171.51 5.62 -125.15	206.97 8.62 -135.46	248.59 15.83 -106.07	149.33 8.18 -70.89	136.54 13.98 -1.45	140.60 9.19 -49.30	131.65 6.85 -60.33	129.00 8.14 -41.77
DEERFIELD_69_KV_DEERFIELD LD 355887	87.86 8.78 0.00	84.86 8.26 0.00	88.54 8.05 0.00	93.38 8.67 0.00	115.77 11.13 0.00	185.96 17.51 0.00	183.03 16.38 0.00	222.12 21.26 0.00	217.75 19.27 0.00	122.70 10.93 -2.84	123.81 10.55 -20.98	94.42 9.49 4.38	92.68 6.82 -21.24	100.03 7.66 -20.05	101.14 4.47 -57.04	138.45 5.01 -92.79	196.99 5.00 -151.25	234.80 6.55 -165.37	273.08 14.08 -132.31	149.08 8.82 -69.99	136.90 14.58 -1.21	139.68 9.08 -48.50	131.00 7.18 -59.35	128.70 8.52 -41.09
DELAWARE___LFGE 323621	82.27 3.20 0.00	79.76 3.15 0.00	83.74 3.25 0.00	88.11 3.40 0.00	108.84 4.21 0.00	175.51 7.05 0.00	174.14 7.48 0.00	209.84 8.98 0.00	207.19 8.71 0.00	114.73 5.48 -0.32	98.81 4.50 -2.03	94.02 4.23 -0.48	72.16 3.13 -4.40	82.78 3.45 -7.02	70.82 1.94 -29.25	75.81 2.07 -33.08	82.22 2.04 -39.45	106.40 3.13 -40.38	163.07 6.21 -30.16	104.50 3.39 -30.85	127.83 5.77 -0.95	107.40 3.84 -21.45	93.50 2.78 -26.26	100.60 3.33 -18.18
DERFIELD_115KV_TB7 355931	79.86 0.79 0.00	77.38 0.77 0.00	81.30 0.81 0.00	85.55 0.85 0.00	105.68 1.05 0.00	170.14 1.69 0.00	168.48 1.83 0.00	203.01 2.15 0.00	200.45 1.97 0.00	110.13 1.20 0.00	93.37 1.10 0.00	90.30 0.99 0.00	65.34 0.72 0.00	73.15 0.84 0.00	40.11 0.49 0.00	41.14 0.49 0.00	41.22 0.49 0.00	63.64 0.75 0.00	128.22 1.53 0.00	71.11 0.84 0.00	122.56 1.45 0.00	83.07 0.96 0.00	65.24 0.78 0.00	80.01 0.92 0.00
DOGLEVILLE___HYD 23807	82.76 3.69 0.00	80.15 3.54 0.00	84.01 3.51 0.00	88.16 3.46 0.00	108.79 4.16 0.00	175.68 7.22 0.00	174.24 7.59 0.00	211.01 10.15 0.00	207.54 9.06 0.00	113.20 4.27 0.00	95.88 3.60 0.00	92.36 3.06 0.00	67.22 2.59 0.00	75.34 3.03 0.00	41.36 1.73 0.00	42.76 2.10 0.00	42.98 2.24 0.00	66.62 3.73 0.00	134.21 7.52 0.00	74.42 4.15 0.00	128.08 6.97 0.00	86.98 4.88 0.00	68.22 3.75 0.00	83.41 4.32 0.00
DUNKIRK___115KV_TB_200 55889	72.43 -6.63 0.00	70.49 -6.12 0.00	75.06 -5.43 0.00	79.53 -5.17 0.00	98.64 -5.99 0.00	159.59 -8.86 0.00	158.66 -8.00 0.00	187.69 -13.17 0.00	186.40 -12.08 0.00	104.03 -5.02 -0.12	88.05 -5.01 -0.78	83.68 -5.82 -0.18	62.43 -3.87 -1.68	69.72 -5.17 -2.58	48.92 -2.38 -11.68	51.18 -2.65 -13.17	51.09 -2.91 -13.27	64.42 -4.20 -5.73	117.79 -9.43 -0.53	67.47 -5.76 -2.97	93.82 -9.70 17.59	57.12 -6.62 18.36	65.87 -5.24 -6.65	80.50 -5.82 -7.23
DUNKIRK___1 23563	72.43 -6.63 0.00	70.49 -6.12 0.00	75.06 -5.43 0.00	79.53 -5.17 0.00	98.64 -5.99 0.00	159.59 -8.86 0.00	158.66 -8.00 0.00	187.69 -13.17 0.00	186.40 -12.08 0.00	104.03 -5.02 -0.12	88.05 -5.01 -0.78	83.68 -5.82 -0.18	62.43 -3.87 -1.68	69.72 -5.17 -2.58	48.92 -2.38 -11.68	51.18 -2.65 -13.17	51.09 -2.91 -13.27	64.42 -4.20 -5.73	117.79 -9.43 -0.53	67.47 -5.76 -2.97	93.82 -9.70 17.59	57.12 -6.62 18.36	65.87 -5.24 -6.65	80.50 -5.82 -7.23
DUNKIRK___2 23564	72.43 -6.63 0.00	70.49 -6.12 0.00	75.06 -5.43 0.00	79.53 -5.17 0.00	98.64 -5.99 0.00	159.59 -8.86 0.00	158.66 -8.00 0.00	187.69 -13.17 0.00	186.40 -12.08 0.00	104.03 -5.02 -0.12	88.05 -5.01 -0.78	83.68 -5.82 -0.18	62.43 -3.87 -1.68	69.72 -5.17 -2.58	48.92 -2.38 -11.68	51.18 -2.65 -13.17	51.09 -2.91 -13.27	64.42 -4.20 -5.73	117.79 -9.43 -0.53	67.47 -5.76 -2.97	93.82 -9.70 17.59	57.12 -6.62 18.36	65.87 -5.24 -6.65	80.50 -5.82 -7.23
DUNKIRK___3 23565	72.63 -6.44 0.00	70.64 -5.97 0.00	75.16 -5.33 0.00	79.59 -5.12 0.00	98.53 -6.10 0.00	159.19 -9.26 0.00	157.98 -8.67 0.00	186.60 -14.26 0.00	185.30 -13.18 0.00	103.33 -5.71 -0.12	87.62 -5.43 -0.77	83.44 -6.05 -0.18	62.20 -4.07 -1.66	69.53 -5.33 -2.55	48.65 -2.51 -11.54	50.96 -2.70 -13.01	50.87 -3.00 -13.12	64.32 -4.32 -5.75	117.73 -9.56 -0.60	67.49 -5.80 -3.02	94.26 -9.64 17.21	57.63 -6.59 17.88	65.86 -5.21 -6.61	80.49 -5.74 -7.14
DUNKIRK___4 23566	72.63 -6.44 0.00	70.64 -5.97 0.00	75.16 -5.33 0.00	79.59 -5.12 0.00	98.53 -6.10 0.00	159.19 -9.26 0.00	157.98 -8.67 0.00	186.60 -14.26 0.00	185.30 -13.18 0.00	103.33 -5.71 -0.12	87.62 -5.43 -0.77	83.44 -6.05 -0.18	62.20 -4.07 -1.66	69.53 -5.33 -2.55	48.65 -2.51 -11.54	50.96 -2.70 -13.01	50.87 -3.00 -13.12	64.32 -4.32 -5.75	117.73 -9.56 -0.60	67.49 -5.80 -3.02	94.26 -9.64 17.21	57.63 -6.59 17.88	65.86 -5.21 -6.61	80.49 -5.74 -7.14
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	86.01 6.94 0.00	83.41 6.80 0.00	87.41 6.91 0.00	91.88 7.18 0.00	113.22 8.59 0.00	182.21 13.75 0.00	181.05 14.39 0.00	219.02 18.16 0.00	215.93 17.46 0.00	122.13 10.47 -2.73	118.77 9.19 -17.30	102.18 8.77 -4.10	108.45 6.38 -37.44	107.16 7.24 -27.61	107.63 3.94 -64.06	132.84 4.08 -88.10	193.44 4.02 -148.68	234.29 6.08 -165.32	271.17 12.21 -132.27	146.57 6.60 -69.71	133.54 11.22 -1.21	137.96 7.36 -48.49	129.35 5.55 -59.34	126.80 6.63 -41.08
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	85.69 6.62 0.00	83.08 6.47 0.00	87.03 6.54 0.00	91.53 6.82 0.00	112.80 8.17 0.00	181.71 13.26 0.00	180.71 14.05 0.00	218.52 17.66 0.00	215.26 16.79 0.00	121.17 9.79 -2.45	116.21 8.38 -15.56	101.04 8.04 -3.69	104.19 5.89 -33.68	104.59 6.73 -25.55	105.06 3.71 -61.72	128.11 3.88 -83.57	182.52 3.89 -137.90	221.38 5.96 -152.53	259.79 11.75 -121.35	143.60 6.31 -67.03	132.97 10.67 -1.19	135.80 7.08 -46.62	126.85 5.33 -57.05	124.87 6.28 -39.50

E179THST_138_KV_TB4_REV_LBMP_J 345001	86.23 7.16 0.00	83.66 7.05 0.00	87.69 7.20 0.00	92.09 7.38 0.00	113.40 8.76 0.00	182.45 13.99 0.00	181.82 15.16 0.00	220.21 19.35 0.00	217.17 18.69 0.00	122.80 11.14 -2.73	119.19 9.60 -17.30	102.49 9.08 -4.11	108.65 6.58 -37.45	107.45 7.52 -27.62	107.79 4.10 -64.07	132.96 4.19 -88.11	193.58 4.15 -148.69	234.49 6.27 -165.33	271.49 12.52 -132.28	146.87 6.88 -69.72	133.89 11.56 -1.21	138.17 7.57 -48.49	129.57 5.76 -59.34	126.98 6.81 -41.08
E179THST_13_KV_LOAD 356214	86.61 7.54 0.00	84.01 7.40 0.00	88.07 7.58 0.00	92.47 7.77 0.00	113.88 9.24 0.00	183.20 14.75 0.00	182.64 15.98 0.00	221.24 20.38 0.00	218.24 19.77 0.00	123.39 11.73 -2.73	119.70 10.11 -17.30	102.97 9.55 -4.11	109.01 6.93 -37.45	107.86 7.93 -27.62	108.00 4.31 -64.07	133.20 4.43 -88.11	193.82 4.39 -148.69	234.87 6.65 -165.33	272.26 13.28 -132.28	147.28 7.30 -69.72	134.56 12.24 -1.21	138.59 8.00 -48.49	129.90 6.09 -59.34	127.38 7.21 -41.08
EAST HAMPTON___GT 23717	86.58 7.51 0.00	83.65 7.04 0.00	87.24 6.75 0.00	92.03 7.33 0.00	114.34 9.69 0.00	183.57 15.11 0.00	179.67 13.02 0.00	217.92 17.07 0.00	215.36 16.89 0.00	121.34 9.57 -2.84	122.52 9.26 -20.98	93.35 8.42 4.38	91.96 6.10 -21.24	99.24 6.88 -20.05	100.73 4.06 -57.04	137.98 4.53 -92.79	196.37 4.39 -151.25	233.42 5.16 -165.37	270.41 11.41 -132.31	148.34 8.08 -70.00	135.56 13.24 -1.21	138.66 8.06 -48.50	130.16 6.35 -59.35	127.83 7.65 -41.09
EAST RIVER___6 23660	86.23 7.16 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.10 7.39 0.00	113.44 8.81 0.00	182.46 14.01 0.00	181.55 14.89 0.00	219.71 18.85 0.00	216.91 18.43 0.00	122.89 11.23 -2.73	119.42 9.84 -17.30	102.84 9.43 -4.10	108.91 6.84 -37.44	107.71 7.78 -27.61	107.88 4.20 -64.06	133.04 4.29 -88.10	193.57 4.16 -148.68	234.48 6.28 -165.31	271.53 12.57 -132.26	146.86 6.88 -69.71	133.96 11.64 -1.21	138.16 7.57 -48.49	129.49 5.68 -59.34	126.98 6.82 -41.08
EAST RIVER___7 23524	86.23 7.16 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.10 7.39 0.00	113.44 8.81 0.00	182.46 14.01 0.00	181.55 14.89 0.00	219.71 18.85 0.00	216.91 18.43 0.00	122.89 11.23 -2.73	119.42 9.84 -17.30	102.84 9.43 -4.10	108.91 6.84 -37.44	107.71 7.78 -27.61	107.88 4.20 -64.06	133.04 4.29 -88.10	193.57 4.16 -148.68	234.48 6.28 -165.31	271.53 12.57 -132.26	146.86 6.88 -69.71	133.96 11.64 -1.21	138.16 7.57 -48.49	129.49 5.68 -59.34	126.98 6.82 -41.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	85.77 6.70 0.00	83.17 6.56 0.00	87.17 6.67 0.00	91.63 6.93 0.00	112.91 8.27 0.00	181.71 13.26 0.00	180.56 13.90 0.00	218.38 17.52 0.00	215.32 16.84 0.00	121.75 10.10 -2.72	118.37 8.85 -17.25	101.85 8.45 -4.09	108.09 6.14 -37.33	106.84 6.98 -27.54	107.37 3.80 -63.94	132.51 3.94 -87.91	192.92 3.88 -148.31	233.65 5.87 -164.88	270.40 11.81 -131.90	146.22 6.37 -69.58	133.15 10.83 -1.21	137.62 7.12 -48.40	129.07 5.37 -59.23	126.50 6.41 -41.00
EAST_HAMPTON___DIESEL 23722	86.32 7.24 0.00	83.40 6.79 0.00	86.98 6.49 0.00	91.76 7.05 0.00	113.98 9.34 0.00	183.01 14.56 0.00	179.17 12.51 0.00	217.34 16.49 0.00	214.77 16.29 0.00	121.02 9.26 -2.84	122.25 8.99 -20.98	93.10 8.16 4.38	91.80 5.94 -21.24	99.06 6.69 -20.05	100.62 3.95 -57.04	137.87 4.42 -92.79	196.27 4.29 -151.25	233.25 4.99 -165.37	270.06 11.06 -132.31	148.14 7.88 -70.00	135.22 12.90 -1.21	138.42 7.81 -48.50	129.97 6.15 -59.35	127.60 7.42 -41.09
EAST_POINT___SOLAR 323840	84.46 5.39 0.00	81.78 5.17 0.00	85.76 5.27 0.00	90.45 5.75 0.00	112.04 7.40 0.00	181.31 12.86 0.00	180.91 14.25 0.00	218.14 17.28 0.00	213.27 14.80 0.00	114.72 5.91 0.12	96.21 4.69 0.75	93.21 4.08 0.18	66.40 3.41 1.64	91.60 3.66 -15.63	136.25 2.31 -94.31	141.27 2.88 -97.73	136.01 3.36 -91.91	158.25 5.66 -89.70	208.62 11.46 -70.47	174.29 6.36 -97.66	136.32 10.82 -4.38	157.19 7.16 -67.93	152.79 5.20 -83.13	142.65 6.01 -57.55
EAST_PULASKI___ESR 323781	77.09 -1.98 0.00	74.61 -2.00 0.00	78.65 -1.84 0.00	82.89 -1.82 0.00	102.38 -2.26 0.00	165.00 -3.45 0.00	164.31 -2.34 0.00	197.41 -3.45 0.00	195.12 -3.35 0.00	107.22 -1.70 0.00	90.69 -1.59 0.00	87.40 -1.91 0.00	63.14 -1.48 0.00	71.34 -1.83 -0.86	43.68 -0.90 -4.95	45.04 -0.80 -5.18	45.02 -0.66 -4.94	66.10 -0.88 -4.09	125.97 -1.83 -1.11	74.26 -1.22 -5.22	119.07 -2.06 -0.02	84.38 -1.35 -3.63	67.72 -1.19 -4.44	80.50 -1.66 -3.08
EAST_RIVER___1 323558	86.22 7.15 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.10 7.39 0.00	113.46 8.83 0.00	182.62 14.17 0.00	181.61 14.95 0.00	219.71 18.85 0.00	216.84 18.36 0.00	122.72 11.06 -2.73	119.29 9.72 -17.30	102.69 9.28 -4.10	108.78 6.72 -37.44	107.57 7.64 -27.61	107.82 4.13 -64.06	132.99 4.23 -88.10	193.56 4.15 -148.68	234.45 6.24 -165.31	271.45 12.49 -132.26	146.78 6.80 -69.71	133.85 11.53 -1.21	138.12 7.52 -48.49	129.45 5.64 -59.34	126.94 6.77 -41.08
EAST_RIVER___2 323559	86.23 7.16 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.10 7.39 0.00	113.44 8.81 0.00	182.46 14.01 0.00	181.55 14.89 0.00	219.71 18.85 0.00	216.91 18.43 0.00	122.89 11.23 -2.73	119.42 9.84 -17.30	102.84 9.43 -4.10	108.91 6.84 -37.44	107.71 7.78 -27.61	107.88 4.20 -64.06	133.04 4.29 -88.10	193.57 4.16 -148.68	234.48 6.28 -165.31	271.53 12.57 -132.26	146.86 6.88 -69.71	133.96 11.64 -1.21	138.16 7.57 -48.49	129.49 5.68 -59.34	126.98 6.82 -41.08
EAST___DELAWARE_HYD 23607	84.55 5.48 0.00	81.94 5.33 0.00	85.86 5.37 0.00	90.32 5.62 0.00	111.44 6.80 0.00	179.64 11.19 0.00	179.06 12.40 0.00	216.72 15.86 0.00	213.36 14.88 0.00	119.23 8.27 -2.03	111.88 6.75 -12.85	98.79 6.44 -3.05	97.25 4.81 -27.82	100.23 5.53 -22.39	101.07 3.12 -58.31	120.77 3.34 -76.78	165.54 3.45 -121.36	201.11 5.36 -132.87	241.53 10.26 -104.58	138.85 5.46 -63.12	131.48 9.20 -1.17	132.02 6.01 -43.90	122.62 4.42 -53.73	121.37 5.08 -37.20
EIGHT_POINT___WT_PWR 323820	72.84 -6.23 0.00	70.99 -5.62 0.00	75.21 -5.27 0.00	80.40 -4.30 0.00	100.31 -4.33 0.00	163.38 -5.07 0.00	162.63 -4.03 0.00	191.77 -9.09 0.00	189.08 -9.39 0.00	104.14 -4.95 -0.15	88.84 -4.41 -0.97	85.82 -3.72 -0.23	64.71 -2.01 -2.09	72.28 -2.98 -2.95	52.61 -1.29 -14.26	55.23 -1.53 -16.10	52.87 -1.73 -13.86	57.41 -2.58 2.90	112.35 -5.49 8.86	60.99 -3.15 6.12	75.27 -5.80 40.04	26.42 -5.20 50.48	63.98 -4.61 -4.13	82.23 -5.65 -8.80
ELBRIDGE_115KV_TB2 80188	78.75 -0.32 0.00	76.33 -0.28 0.00	80.28 -0.21 0.00	84.53 -0.17 0.00	104.52 -0.11 0.00	168.61 0.16 0.00	167.07 0.42 0.00	201.03 0.17 0.00	198.70 0.22 0.00	109.58 0.57 -0.09	92.99 0.17 -0.54	89.60 0.16 -0.13	65.96 0.16 -1.18	74.17 -0.09 -1.95	48.01 0.12 -8.26	50.13 0.17 -9.30	51.81 0.18 -10.90	73.37 0.24 -10.24	132.13 0.26 -5.18	79.04 0.07 -8.71	121.16 0.03 -0.03	88.00 -0.16 -6.06	71.59 -0.29 -7.41	83.82 -0.40 -5.13
ELEC_TRO_TEK 24086	87.19 8.11 -0.02	84.42 7.79 -0.02	88.21 7.71 -0.01	92.87 8.17 0.00	114.65 10.02 0.00	184.20 15.74 0.00	182.76 16.09 -0.01	221.86 20.98 -0.02	217.74 19.24 -0.02	124.02 11.52 -3.57	147.29 10.73 -44.27	143.20 9.90 -43.99	185.74 7.17 -113.94	143.74 8.10 -63.32	141.38 4.51 -97.23	167.65 4.68 -122.31	212.51 4.55 -167.23	234.76 6.50 -165.37	272.55 13.54 -132.31	147.75 7.50 -69.99	134.88 12.56 -1.21	138.74 8.14 -48.50	130.16 6.34 -59.35	127.73 7.55 -41.09

ELLENBURG_WT_PWR 323604	76.55 -2.52 0.00	73.97 -2.64 0.00	77.73 -2.76 0.00	81.87 -2.84 0.00	101.51 -3.13 0.00	163.99 -4.46 0.00	161.50 -5.16 0.00	195.19 -5.66 0.00	192.81 -5.66 0.00	105.12 -3.81 0.00	88.97 -3.30 0.00	86.51 -2.80 0.00	62.50 -2.13 0.00	70.10 -2.21 0.00	38.04 -1.58 0.00	38.99 -1.66 0.00	39.15 -1.59 0.00	60.25 -2.64 0.00	122.03 -4.66 0.00	67.95 -2.32 0.00	117.48 -3.63 0.00	79.95 -2.15 0.00	63.07 -1.39 0.00	77.43 -1.66 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	72.91 -6.16 0.00	70.84 -5.77 0.00	75.26 -5.23 0.00	79.60 -5.11 0.00	98.13 -6.51 0.00	158.03 -10.42 0.00	156.29 -10.36 0.00	184.04 -16.82 0.00	182.70 -15.78 0.00	101.74 -7.30 -0.12	86.49 -6.53 -0.74	82.78 -6.70 -0.18	61.66 -4.57 -1.61	68.92 -5.87 -2.48	47.99 -2.84 -11.21	50.39 -2.91 -12.64	50.28 -3.26 -12.80	63.98 -4.73 -5.82	117.34 -10.17 -0.81	67.40 -6.03 -3.18	95.00 -9.85 16.26	58.68 -6.74 16.68	65.72 -5.26 -6.52	80.32 -5.71 -6.94
EMPIRE_CC_1 323656	82.88 3.81 0.00	80.46 3.85 0.00	84.46 3.97 0.00	88.87 4.16 0.00	109.72 5.08 0.00	176.03 7.57 0.00	173.18 6.52 0.00	209.38 8.52 0.00	206.62 8.14 0.00	113.49 4.55 0.00	96.41 4.13 0.00	93.17 3.86 0.00	67.45 2.83 0.00	90.02 3.51 -14.19	123.42 1.94 -81.85	128.21 1.94 -85.62	124.88 1.83 -82.32	140.12 2.67 -74.56	172.80 5.41 -40.70	156.74 2.98 -83.50	128.21 5.16 -1.94	143.71 3.52 -58.08	138.46 2.92 -71.07	131.93 3.64 -49.21
EMPIRE_CC_2 323658	82.88 3.81 0.00	80.46 3.85 0.00	84.46 3.97 0.00	88.87 4.16 0.00	109.72 5.08 0.00	176.03 7.57 0.00	173.18 6.52 0.00	209.38 8.52 0.00	206.62 8.14 0.00	113.49 4.55 0.00	96.41 4.13 0.00	93.17 3.86 0.00	67.45 2.83 0.00	90.02 3.51 -14.19	123.42 1.94 -81.85	128.21 1.94 -85.62	124.88 1.83 -82.32	140.12 2.67 -74.56	172.80 5.41 -40.70	156.74 2.98 -83.50	128.21 5.16 -1.94	143.71 3.52 -58.08	138.46 2.92 -71.07	131.93 3.64 -49.21
ENORWICH_115KV_TB1 80156	83.05 3.98 0.00	81.05 4.44 0.00	85.13 4.63 0.00	88.75 4.04 0.00	110.29 5.65 0.00	181.24 12.79 0.00	181.95 15.29 0.00	221.05 20.19 0.00	217.91 19.43 0.00	120.12 10.96 -0.23	101.29 7.55 -1.46	96.58 6.93 -0.34	72.82 5.04 -3.16	83.59 5.91 -5.37	64.38 3.50 -21.25	68.52 3.85 -24.02	76.94 4.34 -31.87	112.54 7.06 -42.59	174.21 14.32 -33.19	114.21 7.81 -36.14	161.09 13.33 -26.66	145.70 8.51 -55.08	95.13 5.95 -24.71	99.29 6.94 -13.26
ERIE_ST__34_KV_TB1-2 80199	73.77 -5.31 0.00	71.64 -4.97 0.00	76.01 -4.48 0.00	80.30 -4.41 0.00	99.06 -5.58 0.00	159.50 -8.96 0.00	157.69 -8.96 0.00	186.16 -14.70 0.00	184.73 -13.75 0.00	102.88 -6.16 -0.12	87.51 -5.54 -0.77	83.88 -5.62 -0.18	62.47 -3.83 -1.67	69.82 -5.08 -2.58	48.84 -2.46 -11.67	51.32 -2.50 -24.02	51.22 -2.83 -13.32	64.91 -3.96 -5.98	119.06 -8.41 -0.77	68.31 -5.17 -3.21	95.77 -8.23 17.10	58.75 -5.73 17.62	66.52 -4.70 -6.75	81.23 -5.09 -7.22
ERIE_WT_PWR 323693	73.21 -5.85 0.00	71.12 -5.49 0.00	75.58 -4.91 0.00	79.97 -4.74 0.00	98.47 -6.17 0.00	158.73 -9.72 0.00	157.17 -9.49 0.00	185.36 -15.50 0.00	184.00 -14.47 0.00	102.56 -6.49 -0.12	87.15 -5.89 -0.76	83.37 -6.13 -0.18	62.18 -4.09 -1.65	69.34 -5.51 -2.54	48.45 -2.67 -11.48	50.89 -2.72 -12.95	50.79 -3.05 -13.10	64.39 -4.35 -5.85	117.94 -9.47 -0.73	67.70 -5.70 -3.13	95.03 -9.19 16.89	58.25 -6.42 17.44	66.18 -4.91 -6.63	80.81 -5.39 -7.11
ESPRGFLD_115KV_TB1 80157	81.84 2.77 0.00	79.25 2.64 0.00	83.26 2.77 0.00	87.65 2.94 0.00	108.47 3.83 0.00	175.64 7.19 0.00	175.27 8.61 0.00	211.08 10.22 0.00	208.20 9.73 0.00	114.50 5.57 0.00	96.39 4.11 0.00	93.14 3.83 0.00	67.59 2.96 0.00	75.35 3.04 0.00	41.33 1.70 0.00	42.60 1.95 0.00	43.88 2.05 -1.10	78.61 3.41 -12.31	173.52 6.85 -39.98	74.04 3.78 0.00	130.59 6.49 -2.99	86.44 4.34 0.00	67.47 3.00 0.00	82.55 3.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	80.59 1.52 0.00	78.16 1.55 0.00	82.18 1.69 0.00	86.49 1.79 0.00	106.96 2.32 0.00	172.98 4.53 0.00	171.92 5.26 0.00	206.92 6.06 0.00	204.49 6.02 0.00	112.92 3.82 -0.16	96.05 2.73 -1.05	92.10 2.54 -0.25	68.79 1.88 -2.29	78.50 1.76 -4.43	56.29 1.06 -15.60	59.46 1.20 -17.61	71.11 1.32 -29.05	119.96 2.15 -54.93	177.37 4.17 -46.51	122.52 2.20 -50.05	189.06 3.64 -64.30	192.45 2.17 -108.18	93.74 1.49 -27.78	90.61 1.71 -9.81
ETNA____115KV_TB2 80207	80.59 1.52 0.00	78.16 1.55 0.00	82.18 1.69 0.00	86.49 1.79 0.00	106.96 2.32 0.00	172.98 4.53 0.00	171.92 5.26 0.00	206.92 6.06 0.00	204.49 6.02 0.00	112.92 3.82 -0.16	96.05 2.73 -1.05	92.10 2.54 -0.25	68.79 1.88 -2.29	78.50 1.76 -4.43	56.29 1.06 -15.60	59.46 1.20 -17.61	71.11 1.32 -29.05	119.96 2.15 -54.93	177.37 4.17 -46.51	122.52 2.20 -50.05	189.06 3.64 -64.30	192.45 2.17 -108.18	93.74 1.49 -27.78	90.61 1.71 -9.81
EUCLID____115KV_TB2 356179	77.64 -1.43 0.00	75.26 -1.35 0.00	79.16 -1.33 0.00	83.34 -1.36 0.00	102.93 -1.71 0.00	165.93 -2.52 0.00	164.56 -2.10 0.00	197.87 -2.99 0.00	195.57 -2.91 0.00	107.72 -1.21 0.00	91.13 -1.15 0.00	88.08 -1.23 0.00	63.78 -0.85 0.00	72.25 -1.12 -1.06	45.27 -0.44 -6.09	46.58 -0.45 -6.37	46.38 -0.43 -6.08	67.19 -0.72 -5.03	126.42 -1.64 -1.36	75.69 -1.00 -6.42	119.36 -1.77 -0.02	85.23 -1.34 -4.47	68.82 -1.11 -5.47	81.49 -1.38 -3.79
E_CANADA_CAP_HY 24051	82.22 3.15 0.00	79.62 3.01 0.00	83.56 3.07 0.00	88.09 3.38 0.00	109.10 4.46 0.00	176.44 7.99 0.00	175.88 9.22 0.00	211.64 10.78 0.00	208.29 9.82 0.00	113.55 4.70 0.08	94.97 3.22 0.52	92.08 2.90 0.12	65.97 2.48 1.13	91.38 2.60 -16.47	139.02 1.51 -97.88	144.21 1.81 -101.75	139.28 2.03 -96.51	159.41 3.50 -93.02	202.95 7.10 -69.16	175.65 3.94 -101.45	132.17 6.93 -4.13	157.42 4.76 -70.56	154.23 3.41 -86.35	142.85 3.98 -59.78
E_CANADA_MHWK_HY 24050	82.76 3.69 0.00	80.15 3.54 0.00	84.01 3.51 0.00	88.16 3.46 0.00	108.79 4.16 0.00	175.68 7.22 0.00	174.24 7.59 0.00	211.01 10.15 0.00	207.54 9.06 0.00	113.20 4.27 0.00	95.88 3.60 0.00	92.36 3.06 0.00	67.22 2.59 0.00	75.34 3.03 0.00	41.36 1.73 0.00	42.76 2.10 0.00	42.98 2.24 0.00	66.62 3.73 0.00	134.21 7.52 0.00	74.42 4.15 0.00	128.08 6.97 0.00	86.98 4.88 0.00	68.22 3.75 0.00	83.41 4.32 0.00
E_FISHKILL____LBMP 23776	85.28 6.21 0.00	82.69 6.08 0.00	86.68 6.19 0.00	91.13 6.42 0.00	112.31 7.67 0.00	180.67 12.22 0.00	179.38 12.72 0.00	216.95 16.09 0.00	213.90 15.43 0.00	120.98 9.24 -2.81	118.17 8.08 -17.81	101.20 7.67 -4.22	108.78 5.61 -38.55	107.02 6.40 -28.30	108.33 3.49 -65.22	134.19 3.61 -89.93	196.64 3.56 -152.34	237.84 5.40 -169.56	273.39 10.84 -135.86	147.06 5.79 -71.00	132.22 9.87 -1.23	138.01 6.52 -49.38	129.83 4.93 -60.43	126.81 5.89 -41.84
FALCON____SEABRD_CC1 323796	77.62 -1.46 0.00	74.99 -1.62 0.00	78.78 -1.72 0.00	82.90 -1.80 0.00	102.65 -1.99 0.00	165.48 -2.97 0.00	162.88 -3.77 0.00	197.22 -3.64 0.00	193.75 -4.72 0.00	106.09 -2.84 0.00	89.87 -2.41 0.00	87.15 -2.16 0.00	62.97 -1.66 0.00	70.76 -1.55 0.00	38.42 -1.20 0.00	39.38 -1.27 0.00	39.56 -1.17 0.00	60.85 -2.04 0.00	123.11 -3.58 0.00	68.55 -1.71 0.00	118.54 -2.57 0.00	80.63 -1.47 0.00	63.62 -0.85 0.00	78.06 -1.03 0.00

FALCON___SEABRD_CC2 323797	77.62 -1.46 0.00	74.99 -1.62 0.00	78.78 -1.72 0.00	82.90 -1.80 0.00	102.65 -1.99 0.00	165.48 -2.97 0.00	162.88 -3.77 0.00	197.22 -3.64 0.00	193.75 -4.72 0.00	106.09 -2.84 0.00	89.87 -2.41 0.00	87.15 -2.16 0.00	62.97 -1.66 0.00	70.76 -1.55 0.00	38.42 -1.20 0.00	39.38 -1.27 0.00	39.56 -1.17 0.00	60.85 -2.04 0.00	123.11 -3.58 0.00	68.55 -1.71 0.00	118.54 -2.57 0.00	80.63 -1.47 0.00	63.62 -0.85 0.00	78.06 -1.03 0.00
FAR ROCKAWAY___4 23548	88.42 9.30 -0.05	85.52 8.87 -0.05	89.43 8.91 -0.03	94.13 9.42 0.00	116.22 11.58 0.00	186.81 18.35 -0.02	185.49 18.81 -0.02	225.19 24.28 -0.05	220.81 22.28 -0.06	126.86 13.24 -4.69	184.42 12.11 -80.03	218.44 11.17 -117.96	328.86 7.94 -256.29	210.88 8.80 -129.76	203.49 4.92 -158.95	213.53 5.23 -167.65	237.71 5.22 -191.76	235.50 7.24 -165.37	274.07 15.07 -132.31	148.66 8.41 -69.99	136.45 14.14 -1.21	139.73 9.13 -48.50	130.96 7.14 -59.35	128.98 8.79 -41.09
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	86.28 7.21 0.00	83.68 7.07 0.00	87.71 7.22 0.00	92.16 7.45 0.00	113.52 8.88 0.00	182.79 14.33 0.00	181.76 15.11 0.00	219.91 19.05 0.00	217.04 18.57 0.00	122.80 11.14 -2.73	119.33 9.75 -17.30	102.73 9.32 -4.10	108.83 6.76 -37.44	107.58 7.65 -27.61	107.83 4.14 -64.06	133.00 4.25 -88.10	193.57 4.16 -148.68	234.49 6.28 -165.32	271.56 12.61 -132.27	146.84 6.86 -69.71	133.91 11.59 -1.21	138.17 7.57 -48.49	129.50 5.70 -59.34	127.00 6.83 -41.08
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	86.34 7.27 0.00	83.73 7.12 0.00	87.76 7.27 0.00	92.22 7.52 0.00	113.58 8.94 0.00	182.88 14.42 0.00	181.88 15.22 0.00	220.06 19.20 0.00	217.17 18.69 0.00	122.85 11.19 -2.73	119.41 9.83 -17.30	102.77 9.36 -4.10	108.85 6.79 -37.44	107.63 7.70 -27.61	107.84 4.16 -64.06	133.02 4.27 -88.10	193.60 4.19 -148.68	234.55 6.34 -165.32	271.67 12.71 -132.27	146.89 6.91 -69.71	134.02 11.70 -1.21	138.24 7.65 -48.49	129.55 5.75 -59.34	127.06 6.89 -41.08
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	86.25 7.17 0.00	83.65 7.04 0.00	87.67 7.18 0.00	92.12 7.42 0.00	113.47 8.84 0.00	182.68 14.23 0.00	181.66 15.00 0.00	219.79 18.93 0.00	216.94 18.46 0.00	122.74 11.08 -2.73	119.31 9.73 -17.30	102.68 9.27 -4.10	108.79 6.72 -37.44	107.55 7.63 -27.61	107.80 4.11 -64.06	132.98 4.23 -88.10	193.56 4.14 -148.68	234.47 6.27 -165.32	271.48 12.52 -132.27	146.79 6.81 -69.71	133.84 11.52 -1.21	138.11 7.52 -48.49	129.47 5.66 -59.34	126.95 6.78 -41.08
FARRAGUT___LBMP 323566	86.18 7.11 0.00	83.57 6.97 0.00	87.61 7.12 0.00	92.06 7.35 0.00	113.38 8.74 0.00	182.54 14.09 0.00	181.49 14.84 0.00	219.59 18.73 0.00	216.69 18.22 0.00	122.60 10.94 -2.73	119.20 9.62 -17.30	102.57 9.17 -4.10	108.72 6.66 -37.44	107.46 7.54 -27.61	107.76 4.07 -64.06	132.93 4.18 -88.10	193.51 4.09 -148.68	234.40 6.19 -165.32	271.35 12.40 -132.27	146.72 6.74 -69.71	133.76 11.44 -1.21	138.04 7.45 -48.49	129.41 5.61 -59.34	126.89 6.72 -41.08
FENNER___WINDPWR 24204	80.59 1.52 0.00	78.16 1.55 0.00	82.19 1.70 0.00	86.56 1.86 0.00	107.33 2.70 0.00	173.42 4.97 0.00	172.50 5.84 0.00	207.81 6.95 0.00	205.45 6.97 0.00	112.99 3.97 -0.09	95.99 3.16 -0.56	92.22 2.78 -0.13	67.76 1.93 -1.21	76.59 2.13 -2.14	49.34 1.25 -8.47	51.53 1.34 -9.54	54.98 1.43 -12.81	82.76 2.21 -17.65	144.48 4.42 -13.37	87.99 2.30 -15.43	137.55 3.90 -12.54	109.49 2.45 -24.93	76.46 1.73 -10.27	86.27 1.90 -5.28
FIBERTEK___ENERGY 23856	78.85 -0.22 0.00	76.42 -0.19 0.00	80.37 -0.12 0.00	84.64 -0.06 0.00	104.52 -0.11 0.00	168.60 0.14 0.00	167.22 0.56 0.00	201.25 0.39 0.00	198.84 0.36 0.00	109.63 0.62 -0.08	93.08 0.30 -0.50	89.66 0.23 -0.12	65.89 0.19 -1.08	74.10 -0.01 -1.80	47.40 0.16 -7.61	49.42 0.19 -8.57	51.00 0.22 -10.04	72.64 0.31 -9.43	131.90 0.45 -4.76	78.46 0.17 -8.03	121.33 0.20 -0.03	87.62 -0.07 -5.58	71.11 -0.19 -6.83	83.55 -0.27 -4.73
FITZPATRICK____ 23598	76.21 -2.86 0.00	73.86 -2.75 0.00	77.67 -2.82 0.00	81.76 -2.94 0.00	100.97 -3.67 0.00	162.70 -5.75 0.00	161.16 -5.50 0.00	193.95 -6.91 0.00	191.61 -6.87 0.00	105.40 -3.53 0.00	89.22 -3.06 0.00	86.27 -3.04 0.00	62.45 -2.17 0.00	70.40 -2.55 -0.64	42.04 -1.25 -3.66	43.20 -1.29 -3.83	43.12 -1.27 -3.66	63.90 -2.02 -3.03	123.26 -4.25 -0.82	71.74 -2.39 -3.87	116.99 -4.14 -0.01	81.90 -2.89 -2.69	65.46 -2.30 -3.29	78.54 -2.83 -2.28
FLOWRFLD_69_KV_BK1 356044	88.59 9.52 0.00	85.60 8.99 0.00	89.30 8.80 0.00	94.16 9.45 0.00	116.53 11.89 0.00	187.07 18.62 0.00	185.35 18.69 0.00	225.09 24.23 0.00	219.72 21.25 0.00	124.21 12.43 -2.85	124.98 11.58 -21.12	95.76 10.53 4.08	93.95 7.53 -21.80	101.05 8.42 -20.31	101.73 4.82 -57.29	138.92 5.30 -92.97	197.40 5.32 -151.34	235.58 7.33 -165.37	274.65 15.65 -132.31	149.18 8.92 -69.99	137.22 14.90 -1.21	140.15 9.54 -48.50	131.40 7.58 -59.35	129.06 8.88 -41.09
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	86.63 7.56 0.00	83.97 7.36 0.00	87.99 7.50 0.00	92.56 7.85 0.00	114.14 9.50 0.00	183.79 15.34 0.00	182.79 16.14 0.00	221.10 20.24 0.00	217.81 19.34 0.00	122.73 11.16 -2.63	118.56 9.59 -16.69	102.47 9.20 -3.95	107.47 6.72 -36.13	107.03 7.68 -27.04	107.89 4.20 -64.05	132.44 4.41 -87.38	190.90 4.42 -145.75	231.30 6.81 -161.60	269.12 13.63 -128.80	147.14 7.27 -69.61	134.68 12.34 -1.23	138.67 8.15 -48.42	129.88 6.17 -59.25	127.41 7.30 -41.02
FORT ORANGE____ 23900	83.13 4.06 0.00	80.58 3.98 0.00	84.63 4.14 0.00	89.04 4.34 0.00	109.89 5.25 0.00	176.05 7.59 0.00	173.01 6.35 0.00	208.39 7.53 0.00	205.51 7.03 0.00	112.82 4.05 0.17	94.89 3.68 1.07	92.49 3.43 0.25	64.79 2.47 2.31	88.56 2.82 -13.43	124.45 1.63 -83.19	127.93 1.42 -85.86	121.33 1.67 -78.92	137.49 2.55 -72.05	174.37 5.07 -42.62	159.09 2.73 -86.10	128.77 4.90 -2.76	145.25 3.26 -59.89	140.65 2.90 -73.29	134.03 4.20 -50.74
FORT_DRUM_COGEN 23780	78.85 -0.22 0.00	75.90 -0.71 0.00	80.55 0.06 0.00	85.12 0.41 0.00	105.34 0.70 0.00	169.77 1.32 0.00	170.84 4.18 0.00	210.97 10.11 0.00	209.15 10.67 0.00	113.68 4.75 0.00	95.98 3.71 0.00	91.34 2.03 0.00	65.07 0.45 0.00	72.79 -0.02 -0.50	42.22 -0.31 -2.90	44.20 0.51 -3.04	44.83 1.20 -2.90	68.31 3.03 -2.40	134.37 7.03 -0.65	76.38 3.06 -3.06	127.54 6.42 -0.01	89.16 4.93 -2.13	70.32 3.25 -2.60	84.10 3.21 -1.80
FOX_HILLS___ESR 323835	106.06 7.69 -19.30	99.53 7.58 -15.34	98.87 7.77 -10.61	98.63 8.05 -5.88	113.91 9.28 0.00	183.40 14.95 0.00	190.93 16.21 -8.06	255.71 20.67 -34.18	239.68 20.04 -21.17	148.32 11.94 -27.44	119.61 10.03 -17.30	108.36 9.61 -9.44	113.69 6.98 -42.08	108.44 8.03 -28.10	131.40 4.38 -87.40	163.55 4.49 -118.40	256.91 4.44 -211.73	535.56 6.70 -465.98	428.11 13.43 -287.99	391.08 7.18 -313.63	441.97 12.13 -308.73	236.67 7.95 -146.61	190.78 6.04 -120.28	150.64 7.27 -64.28
FPL FAR_ROCK_GT1 24212	88.41 9.29 -0.05	85.52 8.86 -0.05	89.43 8.91 -0.03	94.13 9.42 0.00	116.25 11.61 0.00	186.81 18.35 -0.02	185.49 18.81 -0.02	225.15 24.24 -0.05	220.77 22.24 -0.06	126.82 13.20 -4.69	184.41 12.10 -80.03	218.42 11.16 -117.96	328.83 7.92 -256.29	210.88 8.80 -129.76	203.49 4.91 -158.95	213.53 5.23 -167.65	237.71 5.22 -191.76	235.49 7.23 -165.37	274.05 15.05 -132.31	148.64 8.38 -70.00	136.44 14.12 -1.21	139.72 9.12 -48.50	130.96 7.14 -59.35	128.98 8.80 -41.09

FPL_FAR_ROCK_GT2 23815	88.41 9.29 -0.05	85.52 8.86 -0.05	89.43 8.91 -0.03	94.13 9.42 0.00	116.25 11.61 0.00	186.81 18.35 -0.02	185.49 18.81 -0.02	225.15 24.24 -0.05	220.77 22.24 -0.06	126.82 13.20 -4.69	184.41 12.10 -80.03	218.42 11.16 -117.96	328.83 7.92 -256.29	210.88 8.80 -129.76	203.49 4.91 -158.95	213.53 5.23 -167.65	237.71 5.22 -191.76	235.49 7.23 -165.37	274.05 15.05 -132.31	148.64 8.38 -70.00	136.44 14.12 -1.21	139.72 9.12 -48.50	130.96 7.14 -59.35	128.98 8.80 -41.09
FRANKLIN_FALL_HYD 24054	77.97 -1.10 0.00	75.26 -1.35 0.00	79.19 -1.31 0.00	83.39 -1.32 0.00	103.25 -1.39 0.00	166.38 -2.07 0.00	163.62 -3.04 0.00	198.17 -2.70 0.00	196.25 -2.23 0.00	106.67 -2.26 0.00	90.24 -2.04 0.00	87.79 -1.52 0.00	63.40 -1.22 0.00	71.10 -1.21 0.00	38.46 -1.17 0.00	39.44 -1.22 0.00	39.62 -1.11 0.00	61.23 -1.66 0.00	124.10 -2.59 0.00	68.86 -1.40 0.00	119.23 -1.88 0.00	81.32 -0.78 0.00	64.13 -0.34 0.00	78.73 -0.36 0.00
FREEPORT_EQUS_GT1 23764	87.78 8.70 -0.02	84.92 8.30 -0.02	88.72 8.22 -0.01	93.44 8.73 0.00	115.40 10.76 0.00	185.41 16.96 0.00	183.96 17.29 -0.01	223.33 22.45 -0.02	218.98 20.49 -0.02	124.50 12.13 -3.44	143.60 11.25 -40.06	135.04 10.29 -35.44	169.25 7.43 -97.19	136.26 8.45 -55.50	134.32 4.72 -89.97	162.60 4.97 -116.98	209.79 4.72 -164.34	234.81 6.55 -165.37	273.07 14.07 -132.31	148.23 7.97 -70.00	135.90 13.58 -1.21	139.36 8.75 -48.50	130.66 6.84 -59.35	128.26 8.08 -41.09
FREEPORT___CT2 23818	87.78 8.70 -0.02	84.92 8.30 -0.02	88.72 8.22 -0.01	93.44 8.73 0.00	115.40 10.76 0.00	185.41 16.96 0.00	183.96 17.29 -0.01	223.33 22.45 -0.02	218.98 20.49 -0.02	124.50 12.13 -3.44	143.60 11.25 -40.06	135.04 10.29 -35.44	169.25 7.43 -97.19	136.26 8.45 -55.50	134.32 4.72 -89.97	162.60 4.97 -116.98	209.79 4.72 -164.34	234.81 6.55 -165.37	273.07 14.07 -132.31	148.23 7.97 -70.00	135.90 13.58 -1.21	139.36 8.75 -48.50	130.66 6.84 -59.35	128.26 8.08 -41.09
FRESHKLS_33_KV_LOAD 356253	105.97 7.60 -19.30	99.52 7.56 -15.34	98.85 7.75 -10.61	98.62 8.04 -5.88	113.79 9.15 0.00	183.19 14.74 0.00	190.81 16.09 -8.06	255.59 20.56 -34.18	239.51 19.87 -21.17	148.24 11.86 -27.44	119.33 9.75 -17.30	108.08 9.34 -9.44	113.49 6.78 -42.08	108.27 7.86 -28.10	131.32 4.30 -87.40	163.47 4.42 -118.40	256.85 4.39 -211.73	535.43 6.56 -465.98	427.86 13.17 -287.99	391.15 6.97 -313.91	441.58 11.74 -308.73	236.45 7.73 -146.61	190.65 5.90 -120.28	150.51 7.13 -64.28
FULTON COGEN____ 23766	76.91 -2.16 0.00	74.54 -2.07 0.00	78.39 -2.11 0.00	82.56 -2.15 0.00	101.95 -2.69 0.00	164.35 -4.10 0.00	163.08 -3.58 0.00	196.13 -4.73 0.00	193.83 -4.65 0.00	106.69 -2.24 0.00	90.26 -2.02 0.00	87.24 -2.07 0.00	63.15 -1.47 0.00	71.45 -1.77 0.00	44.12 -0.79 0.00	45.39 -0.79 0.00	45.26 -0.75 0.00	66.05 -1.20 0.00	125.25 -2.62 0.00	74.31 -1.53 0.00	118.40 -2.73 0.00	84.01 -1.97 0.00	67.58 -1.63 0.00	80.32 -2.06 0.00
FULTON___LFGE 323630	83.77 4.70 0.00	81.13 4.52 0.00	85.04 4.55 0.00	89.65 4.95 0.00	111.00 6.37 0.00	179.40 10.95 0.00	178.55 11.89 0.00	215.50 14.64 0.00	211.36 12.88 0.00	114.64 5.84 0.13	95.53 4.06 0.81	92.42 3.31 0.19	65.87 3.01 1.76	90.94 3.21 -15.42	135.19 2.15 -93.41	139.93 2.56 -96.72	134.37 2.88 -90.75	156.56 4.81 -88.86	207.23 9.74 -70.80	172.41 5.43 -96.71	134.88 9.33 -4.45	155.56 6.20 -67.27	151.28 4.49 -82.32	141.35 5.27 -56.99
G.F.CEMENT___DRP 24184	85.11 6.04 0.00	82.41 5.80 0.00	86.55 6.06 0.00	91.06 6.35 0.00	112.70 8.07 0.00	181.84 13.38 0.00	179.71 13.05 0.00	218.37 17.51 0.00	214.98 16.50 0.00	117.07 8.28 0.14	98.50 7.08 0.86	95.48 6.37 0.20	67.52 4.77 1.87	92.31 5.80 -14.20	129.64 3.38 -86.64	134.01 3.78 -89.57	128.31 3.82 -83.76	151.98 5.95 -83.14	208.56 11.89 -69.98	166.44 6.68 -89.50	136.95 11.36 -4.48	151.74 7.38 -62.25	146.06 5.41 -76.18	138.13 6.30 -52.74
GARDENVILLE___LBMP 24039	72.97 -6.10 0.00	70.92 -5.69 0.00	75.36 -5.14 0.00	79.71 -5.00 0.00	98.35 -6.28 0.00	158.44 -10.01 0.00	156.77 -9.88 0.00	184.71 -16.15 0.00	183.35 -15.13 0.00	102.11 -6.94 -0.12	86.80 -6.24 -0.76	83.07 -6.42 -0.18	61.88 -4.38 -1.64	69.15 -5.68 -2.52	48.29 -2.76 -11.42	50.71 -2.82 -12.88	50.58 -3.15 -13.00	64.09 -4.55 -5.76	117.52 -9.83 -0.66	67.47 -5.86 -3.06	94.69 -9.52 16.90	58.05 -6.56 17.50	65.87 -5.16 -6.57	80.52 -5.64 -7.07
GARDNVLA_35_KV_LD 355827	73.33 -5.74 0.00	71.26 -5.35 0.00	75.70 -4.79 0.00	80.08 -4.63 0.00	98.76 -5.88 0.00	159.07 -9.38 0.00	157.46 -9.20 0.00	185.64 -15.22 0.00	184.23 -14.25 0.00	102.60 -6.45 -0.12	87.21 -5.83 -0.76	83.51 -5.98 -0.18	62.20 -4.08 -1.65	69.51 -5.34 -2.55	48.56 -2.57 -11.51	51.03 -2.61 -12.98	50.91 -2.95 -13.13	64.56 -4.22 -5.89	118.31 -9.13 -0.75	67.95 -5.47 -3.16	95.32 -8.90 16.88	58.53 -6.16 17.41	66.29 -4.83 -6.65	80.96 -5.26 -7.13
GELCKHM___115KV_LOAD 80723	78.10 -0.97 0.00	75.69 -0.92 0.00	79.60 -0.89 0.00	83.84 -0.87 0.00	103.54 -1.10 0.00	166.86 -1.59 0.00	165.55 -1.11 0.00	199.09 -1.77 0.00	196.77 -1.70 0.00	108.44 -0.55 -0.07	92.08 -0.63 -0.43	88.72 -0.70 -0.10	65.09 -0.47 -0.93	73.16 -0.72 -1.56	46.05 -0.22 -6.64	47.92 -0.21 -7.48	49.28 -0.19 -8.74	70.76 -0.33 -8.20	129.94 -0.88 -4.13	76.71 -0.56 -7.01	120.10 -1.03 -0.02	86.11 -0.87 -4.87	69.67 -0.77 -5.96	82.27 -0.95 -4.13
GENERAL___MILLS 23808	73.22 -5.85 0.00	71.13 -5.48 0.00	75.57 -4.92 0.00	79.94 -4.77 0.00	98.60 -6.04 0.00	158.80 -9.65 0.00	157.16 -9.50 0.00	185.27 -15.58 0.00	183.83 -14.64 0.00	102.38 -6.67 -0.12	87.03 -6.01 -0.76	83.33 -6.16 -0.18	62.06 -4.21 -1.65	69.36 -5.49 -2.54	48.46 -2.66 -11.48	50.91 -2.70 -12.95	50.79 -3.04 -13.10	64.38 -4.37 -5.85	117.99 -9.43 -0.73	67.77 -5.63 -3.13	95.07 -9.15 16.89	58.34 -6.33 17.44	66.13 -4.97 -6.63	80.79 -5.41 -7.11
GE_PLASTICS___DRP 24183	82.43 3.35 0.00	79.90 3.29 0.00	83.90 3.41 0.00	88.28 3.57 0.00	108.98 4.34 0.00	175.01 6.56 0.00	172.67 6.01 0.00	208.03 7.17 0.00	205.25 6.77 0.00	112.81 4.13 0.25	94.40 3.72 1.61	92.42 3.49 0.38	63.70 2.55 3.47	88.15 2.92 -12.91	124.66 1.56 -83.48	127.39 1.53 -85.20	118.50 1.62 -76.14	132.71 2.47 -67.35	167.24 4.94 -35.62	159.09 2.73 -86.10	128.36 4.84 -2.42	145.16 3.17 -59.88	140.47 2.72 -73.28	133.32 3.50 -50.73
GILBOA___1 23756	82.31 3.24 0.00	79.81 3.20 0.00	83.76 3.27 0.00	88.13 3.42 0.00	108.78 4.14 0.00	174.98 6.53 0.00	172.85 6.19 0.00	208.19 7.33 0.00	205.39 6.91 0.00	113.56 4.63 0.00	96.32 4.04 0.00	93.11 3.80 0.00	67.43 2.81 0.00	86.88 3.18 -11.39	107.09 1.77 -65.69	111.20 1.83 -68.71	108.33 1.73 -65.87	123.05 2.59 -57.56	157.47 5.21 -25.58	141.76 2.88 -68.61	127.14 4.96 -1.07	133.23 3.41 -47.72	125.45 2.58 -58.40	122.75 3.22 -40.43
GILBOA___2 23757	82.31 3.24 0.00	79.81 3.20 0.00	83.76 3.27 0.00	88.13 3.42 0.00	108.78 4.14 0.00	174.98 6.53 0.00	172.85 6.19 0.00	208.19 7.33 0.00	205.39 6.91 0.00	113.56 4.63 0.00	96.32 4.04 0.00	93.11 3.80 0.00	67.43 2.81 0.00	86.88 3.18 -11.39	107.09 1.77 -65.69	111.20 1.83 -68.71	108.33 1.73 -65.87	123.05 2.59 -57.56	157.47 5.21 -25.58	141.76 2.88 -68.61	127.14 4.96 -1.07	133.23 3.41 -47.72	125.45 2.58 -58.40	122.75 3.22 -40.43

GILBOA___3 23758	82.31 3.24 0.00	79.81 3.20 0.00	83.76 3.27 0.00	88.13 3.42 0.00	108.78 4.14 0.00	174.98 6.53 0.00	172.85 6.19 0.00	208.19 7.33 0.00	205.39 6.91 0.00	113.56 4.63 0.00	96.32 4.04 0.00	93.11 3.80 0.00	67.43 2.81 0.00	86.88 3.18 -11.39	107.09 1.77 -65.69	111.20 1.83 -68.71	108.33 1.73 -65.87	123.05 2.59 -57.56	157.47 5.21 -25.58	141.76 2.88 -68.61	127.14 4.96 -1.07	133.23 3.41 -47.72	125.45 2.58 -58.40	122.75 3.22 -40.43
GILBOA___4 23759	82.31 3.24 0.00	79.81 3.20 0.00	83.76 3.27 0.00	88.13 3.42 0.00	108.78 4.14 0.00	174.98 6.53 0.00	172.85 6.19 0.00	208.19 7.33 0.00	205.39 6.91 0.00	113.56 4.63 0.00	96.32 4.04 0.00	93.11 3.80 0.00	67.43 2.81 0.00	86.88 3.18 -11.39	107.09 1.77 -65.69	111.20 1.83 -68.71	108.33 1.73 -65.87	123.05 2.59 -57.56	157.47 5.21 -25.58	141.76 2.88 -68.61	127.14 4.96 -1.07	133.23 3.41 -47.72	125.45 2.58 -58.40	122.75 3.22 -40.43
GILBOA___ 23599	82.31 3.24 0.00	79.81 3.20 0.00	83.76 3.27 0.00	88.12 3.42 0.00	108.76 4.13 0.00	174.99 6.53 0.00	172.85 6.19 0.00	208.17 7.30 0.00	205.42 6.94 0.00	113.56 4.63 0.00	96.32 4.04 0.00	93.11 3.80 0.00	67.43 2.81 0.00	86.89 3.18 -11.39	107.09 1.77 -65.69	111.20 1.83 -68.71	108.33 1.73 -65.87	123.04 2.59 -57.56	157.47 5.20 -25.58	141.76 2.89 -68.61	127.16 4.98 -1.07	133.24 3.42 -47.72	125.45 2.58 -58.40	122.74 3.22 -40.43
GINNA___ 23603	73.51 -5.55 0.00	71.32 -5.29 0.00	75.27 -5.22 0.00	79.43 -5.28 0.00	97.96 -6.68 0.00	158.03 -10.42 0.00	156.74 -9.92 0.00	186.94 -13.92 0.00	185.11 -13.37 0.00	102.25 -6.77 -0.09	86.96 -5.86 -0.54	83.51 -5.93 -0.13	61.70 -4.10 -1.17	69.22 -4.96 -1.86	45.46 -2.45 -8.27	47.53 -2.45 -9.32	47.99 -2.59 -9.84	64.73 -3.88 -5.72	119.15 -8.34 -0.80	69.70 -4.85 -4.28	104.32 -8.34 8.44	69.55 -5.82 6.74	65.50 -4.57 -5.61	78.86 -5.36 -5.13
GLEN PARK___ 23778	79.19 0.12 0.00	76.25 -0.35 0.00	80.90 0.41 0.00	85.48 0.77 0.00	105.83 1.19 0.00	170.69 2.24 0.00	171.96 5.31 0.00	214.56 13.70 0.00	212.88 14.41 0.00	115.65 6.72 0.00	97.72 5.45 0.00	92.83 3.52 0.00	65.91 1.28 0.00	73.65 0.82 -0.51	42.75 0.17 -2.95	44.97 1.22 -3.09	45.71 2.03 -2.95	69.83 4.50 -2.44	137.39 10.03 -0.66	78.02 4.65 -3.11	130.16 9.05 -0.01	90.87 6.60 -2.17	71.56 4.44 -2.65	85.47 4.54 -1.84
GLENDALE_27_KV_LOAD 356172	86.88 7.81 0.00	84.25 7.64 0.00	88.31 7.81 0.00	92.76 8.05 0.00	114.21 9.58 0.00	183.87 15.42 0.00	183.08 16.42 0.00	221.62 20.76 0.00	218.72 20.24 0.00	123.73 12.07 -2.73	120.15 10.57 -17.30	103.71 10.08 -4.31	109.59 7.30 -37.67	108.17 8.24 -27.62	108.15 4.46 -64.07	133.34 4.58 -88.11	193.93 4.50 -148.69	235.07 6.85 -165.33	272.71 13.74 -132.28	148.06 7.50 -70.30	135.00 12.68 -1.21	138.83 8.24 -48.49	130.01 6.20 -59.34	127.60 7.42 -41.08
GLENWOOD_IC_1_G5 23712	87.03 7.95 -0.01	84.30 7.68 -0.01	88.18 7.69 -0.01	92.77 8.07 0.00	114.46 9.82 0.00	184.00 15.55 0.00	181.59 14.93 0.00	220.27 19.40 -0.01	217.29 18.81 -0.01	123.71 11.57 -3.21	135.26 10.29 -32.69	119.25 9.88 -20.06	139.67 7.19 -67.85	122.25 8.13 -41.81	121.36 4.48 -77.25	152.82 4.53 -107.64	204.32 4.30 -159.28	234.55 6.29 -165.37	271.86 12.85 -132.31	147.42 7.17 -69.99	134.74 12.41 -1.21	138.88 8.28 -48.50	130.12 6.30 -59.35	127.68 7.50 -41.09
GLENWOOD_IC_2_G1 23688	86.51 7.44 0.00	83.84 7.23 0.00	87.77 7.28 0.00	92.32 7.62 0.00	113.89 9.26 0.00	183.14 14.68 0.00	181.71 15.05 0.00	220.14 19.28 0.00	216.73 18.25 0.00	122.84 10.94 -2.97	127.22 9.89 -25.06	102.75 9.34 -4.10	108.85 6.77 -37.45	107.61 7.67 -27.62	107.92 4.22 -64.07	142.97 4.36 -97.95	199.04 4.26 -154.04	234.55 6.29 -165.37	271.80 12.80 -132.31	147.27 7.01 -70.00	134.21 11.89 -1.21	138.39 7.78 -48.50	129.73 5.91 -59.35	127.23 7.05 -41.09
GLENWOOD_IC_3_G1 23689	86.51 7.44 0.00	83.84 7.23 0.00	87.77 7.28 0.00	92.32 7.62 0.00	113.89 9.26 0.00	183.14 14.68 0.00	181.71 15.05 0.00	220.14 19.28 0.00	216.73 18.25 0.00	122.84 10.94 -2.97	127.22 9.89 -25.06	102.75 9.34 -4.10	108.85 6.77 -37.45	107.61 7.67 -27.62	107.92 4.22 -64.07	142.97 4.36 -97.95	199.04 4.26 -154.04	234.55 6.29 -165.37	271.80 12.80 -132.31	147.27 7.01 -70.00	134.21 11.89 -1.21	138.39 7.78 -48.50	129.73 5.91 -59.35	127.23 7.05 -41.09
GLENWOOD___4 23550	87.03 7.95 -0.01	84.30 7.68 -0.01	88.18 7.69 -0.01	92.77 8.07 0.00	114.46 9.82 0.00	184.01 15.56 0.00	182.03 15.37 0.00	220.70 19.83 -0.01	217.49 19.01 -0.01	123.72 11.59 -3.21	135.36 10.39 -32.69	119.27 9.89 -20.06	139.67 7.19 -67.85	122.25 8.13 -41.81	121.37 4.49 -77.25	152.88 4.59 -107.64	204.41 4.40 -159.28	234.70 6.45 -165.37	272.17 13.17 -132.31	147.55 7.29 -69.99	134.83 12.51 -1.21	138.88 8.28 -48.50	130.12 6.30 -59.35	127.68 7.50 -41.09
GLENWOOD___5 23614	87.03 7.95 -0.01	84.30 7.68 -0.01	88.18 7.69 -0.01	92.77 8.07 0.00	114.46 9.82 0.00	184.01 15.56 0.00	182.03 15.37 0.00	220.70 19.83 -0.01	217.49 19.01 -0.01	123.72 11.59 -3.21	135.36 10.39 -32.69	119.27 9.89 -20.06	139.67 7.19 -67.85	122.25 8.13 -41.81	121.37 4.49 -77.25	152.88 4.59 -107.64	204.41 4.40 -159.28	234.70 6.45 -165.37	272.17 13.17 -132.31	147.55 7.29 -69.99	134.83 12.51 -1.21	138.88 8.28 -48.50	130.12 6.30 -59.35	127.68 7.50 -41.09
GLOBAL GREEN_PORT_GT1 23814	87.59 8.52 0.00	84.62 8.02 0.00	88.25 7.76 0.00	93.10 8.39 0.00	115.57 10.93 0.00	185.64 17.19 0.00	180.65 13.99 0.00	218.62 17.76 0.00	217.70 19.23 0.00	122.60 10.83 -2.84	123.61 10.34 -20.98	94.31 9.37 4.37	92.62 6.75 -21.24	99.96 7.59 -20.05	101.13 4.45 -57.05	138.42 4.97 -92.79	196.53 4.55 -151.25	233.59 5.33 -165.37	270.80 11.80 -132.31	149.13 8.87 -70.00	136.92 14.59 -1.21	139.63 9.02 -48.50	130.90 7.08 -59.35	128.67 8.49 -41.09
GLOBE___DSASP 323697	71.23 -7.84 0.00	69.21 -7.40 0.00	73.54 -6.95 0.00	77.73 -6.98 0.00	95.56 -9.08 0.00	153.47 -14.98 0.00	151.68 -14.97 0.00	177.61 -23.25 0.00	176.47 -22.01 0.00	98.21 -10.83 -0.11	83.56 -9.42 -0.70	80.10 -9.38 -0.17	59.57 -6.57 -1.52	66.65 -8.02 -2.35	46.22 -4.01 -10.60	48.56 -4.05 -11.96	48.47 -4.49 -12.23	62.29 -6.60 -6.00	113.94 -13.98 -1.23	65.68 -8.08 -3.49	93.47 -13.18 14.45	59.00 -8.74 14.37	64.06 -6.77 -6.37	78.50 -7.16 -6.56
GOETHSLN___LBMP 323567	85.71 6.63 0.00	83.14 6.53 0.00	87.15 6.65 0.00	91.57 6.87 0.00	112.80 8.16 0.00	181.73 13.28 0.00	180.56 13.90 0.00	218.35 17.49 0.00	215.45 16.98 0.00	121.93 10.27 -2.73	118.59 9.01 -17.30	101.98 8.57 -4.10	108.30 6.24 -37.44	106.99 7.07 -27.61	107.49 3.80 -64.06	132.65 3.89 -88.10	193.23 3.81 -148.68	233.50 5.73 -164.88	270.42 11.47 -132.27	146.26 6.28 -69.71	132.92 10.60 -1.21	137.51 6.92 -48.49	129.00 5.19 -59.34	126.42 6.25 -41.08
GOLAH___69_KV_TB 1_2 80279	76.63 -2.44 0.00	74.32 -2.29 0.00	78.55 -1.95 0.00	82.87 -1.84 0.00	102.21 -2.43 0.00	164.82 -3.63 0.00	163.31 -3.34 0.00	194.03 -6.83 0.00	192.24 -6.24 0.00	106.26 -2.76 -0.09	90.15 -2.70 -0.57	86.46 -2.98 -0.13	63.93 -1.92 -1.23	71.69 -2.57 -1.94	47.21 -1.08 -8.65	49.37 -1.04 -9.75	49.80 -1.18 -10.25	67.42 -1.56 -6.09	125.20 -3.61 -2.13	72.08 -2.26 -4.07	107.96 -3.68 9.47	71.21 -2.68 8.21	68.05 -2.12 -5.70	82.23 -2.23 -5.36

GOODYEAR_LAKE_HYD 323669	82.50 3.43 0.00	79.94 3.33 0.00	83.96 3.47 0.00	88.35 3.64 0.00	109.18 4.55 0.00	176.44 7.98 0.00	175.53 8.87 0.00	211.62 10.76 0.00	208.83 10.35 0.00	115.55 6.38 -0.24	98.85 5.07 -1.50	94.45 4.78 -0.36	71.42 3.55 -3.25	81.20 3.81 -5.08	62.78 2.14 -21.01	66.77 2.31 -23.81	71.90 2.32 -28.85	99.42 3.66 -32.87	167.70 7.32 -33.69	96.36 3.99 -22.10	129.41 6.74 -1.57	101.97 4.49 -15.37	86.43 3.15 -18.81	95.82 3.70 -13.03
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	79.43 0.36 0.00	76.97 0.36 0.00	80.96 0.46 0.00	85.27 0.56 0.00	105.26 0.62 0.00	169.89 1.44 0.00	168.27 1.61 0.00	202.20 1.34 0.00	199.69 1.22 0.00	110.67 1.51 -0.24	94.68 0.90 -1.50	90.56 0.90 -0.36	68.57 0.68 -3.26	77.73 0.27 -5.15	61.85 0.28 -21.95	65.79 0.34 -24.80	69.30 0.24 -28.32	87.74 0.26 -24.59	141.81 0.51 -14.61	89.20 0.15 -18.79	113.50 0.26 7.87	85.59 -0.05 -3.53	82.36 -0.03 -17.92	92.77 0.05 -13.63
GOUDEY___7 23579	79.43 0.36 0.00	76.97 0.36 0.00	80.96 0.46 0.00	85.27 0.56 0.00	105.26 0.62 0.00	169.89 1.44 0.00	168.27 1.61 0.00	202.20 1.34 0.00	199.69 1.22 0.00	110.67 1.51 -0.24	94.68 0.90 -1.50	90.56 0.90 -0.36	68.57 0.68 -3.26	77.73 0.27 -5.15	61.85 0.28 -21.95	65.79 0.34 -24.80	69.30 0.24 -28.32	87.74 0.26 -24.59	141.81 0.51 -14.61	89.20 0.15 -18.79	113.50 0.26 7.87	85.59 -0.05 -3.53	82.36 -0.03 -17.92	92.77 0.05 -13.63
GOUDEY___8 23580	79.43 0.36 0.00	76.97 0.36 0.00	80.96 0.46 0.00	85.27 0.56 0.00	105.26 0.62 0.00	169.89 1.44 0.00	168.27 1.61 0.00	202.20 1.34 0.00	199.69 1.22 0.00	110.67 1.51 -0.24	94.68 0.90 -1.50	90.56 0.90 -0.36	68.57 0.68 -3.26	77.73 0.27 -5.15	61.85 0.28 -21.95	65.79 0.34 -24.80	69.30 0.24 -28.32	87.74 0.26 -24.59	141.81 0.51 -14.61	89.20 0.15 -18.79	113.50 0.26 7.87	85.59 -0.05 -3.53	82.36 -0.03 -17.92	92.77 0.05 -13.63
GOWANUS_GT1_1 24077	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT1_2 24078	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT1_3 24079	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT1_4 24080	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT1_5 24084	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT1_6 24111	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT1_7 24112	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT1_8 24113	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT2_1 24114	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT2_2 24115	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT2_3 24116	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28

GOWANUS_GT2_4 24117	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT2_5 24118	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT2_6 24119	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT2_7 24120	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT2_8 24121	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_1 24122	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_2 24123	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_3 24124	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_4 24125	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_5 24126	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_6 24127	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_7 24128	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT3_8 24129	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
GOWANUS_GT4_1 24130	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT4_2 24131	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28

GOWANUS_GT4_3 24132	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT4_4 24133	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT4_5 24134	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT4_6 24135	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT4_7 24136	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GOWANUS_GT4_8 24137	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	435.85 7.46 -358.13	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GREENBSH_115KV_TB3 55895	82.51 3.44 0.00	80.02 3.42 0.00	83.99 3.50 0.00	88.37 3.67 0.00	109.10 4.46 0.00	175.05 6.60 0.00	172.49 5.83 0.00	207.63 6.77 0.00	204.86 6.39 0.00	112.72 4.00 0.22	94.63 3.73 1.37	92.49 3.50 0.32	64.22 2.55 2.96	88.42 2.89 -13.22	124.94 1.51 -83.80	128.03 1.39 -85.98	120.21 1.53 -77.95	136.03 2.34 -70.80	172.95 4.67 -41.59	159.35 2.57 -86.51	128.55 4.60 -2.83	145.27 2.99 -60.17	140.87 2.77 -73.64	133.74 3.67 -50.98
GREENIDGE_115KV_TB5 80291	77.56 -1.51 0.00	75.31 -1.30 0.00	79.41 -1.08 0.00	83.93 -0.77 0.00	103.39 -1.25 0.00	166.54 -1.91 0.00	164.50 -2.15 0.00	196.72 -4.14 0.00	194.40 -4.08 0.00	107.31 -1.76 -0.15	91.44 -1.78 -0.94	88.08 -1.46 -0.22	66.39 -0.25 -2.02	74.03 -1.01 -2.72	53.00 -0.32 -13.69	55.91 -0.20 -15.46	52.61 -0.20 -12.07	55.00 0.04 7.93	112.39 -0.82 13.48	58.93 -0.42 10.91	71.66 -1.41 48.04	18.21 -0.92 62.97	65.24 -1.13 -1.90	85.66 -1.86 -8.43
GREENIDGE___3 23582	77.56 -1.51 0.00	75.31 -1.30 0.00	79.41 -1.08 0.00	83.93 -0.77 0.00	103.39 -1.25 0.00	166.54 -1.91 0.00	164.50 -2.15 0.00	196.72 -4.14 0.00	194.40 -4.08 0.00	107.31 -1.76 -0.15	91.44 -1.78 -0.94	88.08 -1.46 -0.22	66.39 -0.25 -2.02	74.03 -1.01 -2.72	53.00 -0.32 -13.69	55.91 -0.20 -15.46	52.61 -0.20 -12.07	55.00 0.04 7.93	112.39 -0.82 13.48	58.93 -0.42 10.91	71.66 -1.41 48.04	18.21 -0.92 62.97	65.24 -1.13 -1.90	85.66 -1.86 -8.43
GREENIDGE___4 23583	77.55 -1.52 0.00	75.30 -1.31 0.00	79.41 -1.08 0.00	83.95 -0.75 0.00	103.33 -1.31 0.00	166.52 -1.93 0.00	164.50 -2.16 0.00	196.70 -4.16 0.00	194.41 -4.07 0.00	107.33 -1.75 -0.15	91.46 -1.75 -0.94	88.06 -1.47 -0.22	66.40 -0.24 -2.02	74.02 -1.01 -2.72	53.00 -0.32 -13.69	55.90 -0.20 -15.46	52.61 -0.20 -12.07	54.99 0.03 7.93	112.35 -0.86 13.48	58.91 -0.45 10.91	71.61 -1.46 48.04	18.09 -1.05 62.97	65.24 -1.13 -1.90	85.65 -1.87 -8.43
GREENLWN_69_KV_BK 3 55738	87.35 8.27 0.00	84.53 7.92 0.00	88.25 7.76 0.00	92.98 8.27 0.00	114.90 10.25 0.00	183.95 15.50 0.00	182.20 15.55 0.00	220.97 20.12 0.00	216.82 18.35 0.00	123.32 11.53 -2.86	124.76 10.91 -21.57	96.10 9.93 3.14	95.38 7.16 -23.59	101.55 8.09 -21.15	102.23 4.54 -58.07	138.90 4.71 -93.54	196.83 4.44 -151.65	234.54 6.28 -165.37	272.03 13.03 -132.31	147.49 7.24 -69.99	134.62 12.30 -1.21	138.57 7.97 -48.50	130.25 6.43 -59.35	127.87 7.69 -41.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	396.37 7.46 -318.65	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28
GRISSOM___SOLAR 323813	83.91 4.84 0.00	81.28 4.67 0.00	85.21 4.72 0.00	89.81 5.10 0.00	111.14 6.50 0.00	179.49 11.04 0.00	178.49 11.83 0.00	215.57 14.71 0.00	211.24 12.76 0.00	114.42 5.63 0.14	95.40 3.99 0.87	92.28 3.18 0.20	65.63 2.89 1.88	90.56 3.02 -15.23	134.40 2.18 -92.59	139.04 2.59 -95.79	133.34 2.91 -89.69	155.83 4.85 -88.09	207.54 9.75 -71.10	171.56 5.46 -95.84	134.95 9.34 -4.50	154.95 6.19 -66.66	150.57 4.52 -81.57	140.87 5.30 -56.47
GROVEVILLE___HYD 323602	86.63 7.56 0.00	83.97 7.36 0.00	87.99 7.50 0.00	92.56 7.85 0.00	114.14 9.50 0.00	183.79 15.34 0.00	182.79 16.14 0.00	221.10 20.24 0.00	217.81 19.34 0.00	122.73 11.16 -2.63	118.56 9.59 -16.69	102.47 9.20 -3.95	107.47 6.72 -36.13	107.03 7.68 -27.04	107.89 4.20 -64.05	132.44 4.41 -87.38	190.90 4.42 -145.75	231.30 6.81 -161.60	269.12 13.63 -128.80	147.14 7.27 -69.61	134.68 12.34 -1.23	138.67 8.15 -48.42	129.88 6.17 -59.25	127.41 7.30 -41.02
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	78.85 -0.22 0.00	76.42 -0.19 0.00	80.37 -0.12 0.00	84.64 -0.06 0.00	104.52 -0.11 0.00	168.60 0.14 0.00	167.22 0.56 0.00	201.25 0.39 0.00	198.84 0.36 0.00	109.63 0.62 -0.08	93.08 0.30 -0.50	89.66 0.23 -0.12	65.89 0.19 -1.08	74.10 -0.01 -1.80	47.40 0.16 -7.61	49.42 0.19 -8.57	51.00 0.22 -10.04	72.64 0.31 -9.43	131.90 0.45 -4.76	78.46 0.17 -8.03	121.33 0.20 -0.03	87.62 -0.07 -5.58	71.11 -0.19 -6.83	83.55 -0.27 -4.73

HAMLTNNY_34_KV_TB 80303	79.18 0.11 0.00	76.78 0.17 0.00	80.73 0.24 0.00	85.04 0.33 0.00	105.14 0.51 0.00	169.62 1.17 0.00	168.06 1.41 0.00	202.35 1.49 0.00	200.04 1.56 0.00	110.31 1.30 -0.09	93.61 0.79 -0.54	90.22 0.78 -0.13	66.40 0.60 -1.18	74.65 0.39 -1.95	48.27 0.38 -8.27	50.41 0.43 -9.32	52.09 0.43 -10.92	73.81 0.66 -10.26	132.99 1.12 -5.19	79.52 0.53 -8.72	121.93 0.79 -0.03	88.51 0.35 -6.07	72.00 0.11 -7.42	84.31 0.09 -5.14
HAMPSHIRE___PAPER_HYD 323593	78.00 -1.07 0.00	75.01 -1.60 0.00	79.29 -1.21 0.00	83.54 -1.16 0.00	103.19 -1.45 0.00	165.22 -3.23 0.00	162.97 -3.69 0.00	199.22 -1.64 0.00	197.79 -0.68 0.00	107.15 -1.78 0.00	90.55 -1.73 0.00	87.13 -2.18 0.00	62.65 -1.97 0.00	70.33 -2.25 -0.27	39.55 -1.65 -1.57	40.77 -1.53 -1.65	41.05 -1.25 -1.57	62.85 -1.34 -1.30	124.95 -2.09 -0.35	70.44 -1.48 -1.66	119.42 -1.70 -0.01	83.16 -0.09 -1.15	65.79 -0.09 -1.41	79.91 -0.15 -0.98
HARDSCRABBLE_WT_PWR 323673	81.63 2.56 0.00	79.06 2.44 0.00	82.88 2.39 0.00	86.93 2.22 0.00	107.29 2.65 0.00	173.41 4.96 0.00	172.24 5.58 0.00	208.64 7.78 0.00	205.83 7.35 0.00	112.44 3.51 0.00	95.24 2.96 0.00	91.76 2.45 0.00	66.73 2.11 0.00	74.68 2.37 0.00	40.83 1.20 0.00	42.27 1.62 0.00	42.47 1.73 0.00	65.91 3.02 0.00	132.84 6.15 0.00	73.67 3.41 0.00	126.91 5.80 0.00	86.17 4.07 0.00	67.65 3.18 0.00	82.78 3.69 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	85.25 6.18 0.00	82.66 6.05 0.00	86.55 6.06 0.00	91.04 6.33 0.00	112.21 7.58 0.00	180.70 12.25 0.00	179.67 13.01 0.00	217.18 16.32 0.00	213.91 15.44 0.00	120.58 9.22 -2.43	115.71 8.01 -15.42	100.65 7.68 -3.65	103.63 5.63 -33.37	103.83 6.42 -25.10	103.09 3.53 -59.93	125.82 3.67 -81.49	179.75 3.64 -135.37	218.31 5.55 -149.88	256.93 11.10 -119.15	141.34 5.98 -65.10	132.38 10.14 -1.14	134.07 6.68 -45.28	124.91 5.04 -55.41	123.39 5.94 -38.36
HARSNRAD_115KV_TB1 81005	72.12 -6.95 0.00	70.07 -6.54 0.00	74.45 -6.04 0.00	78.68 -6.02 0.00	96.86 -7.77 0.00	155.70 -12.75 0.00	153.72 -12.94 0.00	180.32 -20.54 0.00	179.08 -19.39 0.00	99.69 -9.35 -0.11	84.75 -8.22 -0.69	81.20 -8.28 -0.16	60.34 -5.78 -1.49	67.49 -7.14 -2.32	46.52 -3.54 -10.43	48.84 -3.58 -11.76	48.85 -3.93 -12.04	63.20 -5.63 -5.94	115.86 -12.08 -1.25	66.75 -7.00 -3.49	95.72 -11.26 14.13	60.51 -7.60 14.00	64.66 -6.09 -6.28	78.85 -6.70 -6.46
HARZA MOOSE___RIVER 24016	80.28 1.21 0.00	77.32 0.71 0.00	81.73 1.24 0.00	86.25 1.54 0.00	106.79 2.15 0.00	171.90 3.45 0.00	171.77 5.11 0.00	208.76 7.90 0.00	206.56 8.08 0.00	113.05 4.12 0.00	95.40 3.12 0.00	91.61 2.30 0.00	65.93 1.31 0.00	73.97 1.29 -0.37	42.39 0.63 -2.14	43.72 0.83 -2.24	44.01 1.14 -2.13	66.77 2.11 -1.76	131.92 4.75 -0.48	74.82 2.31 -2.25	125.58 4.46 -0.01	86.95 3.29 -1.57	68.67 2.29 -1.92	82.87 2.46 -1.33
HDSNBRDG_115KV_BRDG_TB1 355580	78.11 -0.96 0.00	75.72 -0.89 0.00	79.65 -0.85 0.00	83.85 -0.85 0.00	103.56 -1.08 0.00	166.99 -1.46 0.00	165.66 -0.99 0.00	199.24 -1.62 0.00	196.90 -1.57 0.00	108.57 -0.42 -0.07	92.21 -0.50 -0.43	88.81 -0.60 -0.10	65.17 -0.39 -0.94	73.25 -0.64 -1.58	46.16 -0.18 -6.71	48.04 -0.16 -7.55	49.40 -0.16 -8.83	70.87 -0.30 -8.28	130.04 -0.82 -4.17	76.80 -0.55 -7.08	120.12 -1.01 -0.03	86.16 -0.87 -4.92	69.73 -0.76 -6.02	82.32 -0.94 -4.17
HELLGATE_13_KV_LD 55870	86.51 7.44 0.00	83.89 7.29 0.00	87.94 7.44 0.00	92.38 7.67 0.00	113.75 9.11 0.00	183.02 14.57 0.00	182.21 15.55 0.00	220.48 19.62 0.00	217.59 19.12 0.00	123.09 11.43 -2.73	119.65 10.07 -17.30	103.22 9.59 -4.31	109.24 6.95 -37.67	107.76 7.82 -27.62	107.92 4.22 -64.07	133.10 4.34 -88.11	193.69 4.26 -148.69	234.68 6.46 -165.33	271.90 12.92 -132.28	147.07 7.08 -69.72	134.30 11.98 -1.21	138.35 7.76 -48.49	129.66 5.85 -59.34	127.19 7.02 -41.08
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	86.51 7.44 0.00	83.89 7.29 0.00	87.94 7.44 0.00	92.38 7.67 0.00	113.75 9.11 0.00	183.02 14.57 0.00	182.21 15.55 0.00	220.48 19.62 0.00	217.59 19.12 0.00	123.09 11.43 -2.73	119.65 10.07 -17.30	103.22 9.59 -4.31	109.24 6.95 -37.67	107.76 7.82 -27.62	107.92 4.22 -64.07	133.10 4.34 -88.11	193.69 4.26 -148.69	234.68 6.46 -165.33	271.90 12.92 -132.28	147.07 7.08 -69.72	134.30 11.98 -1.21	138.35 7.76 -48.49	129.66 5.85 -59.34	127.19 7.02 -41.08
HEMPSTEAD____ 23647	87.17 8.09 -0.01	84.39 7.77 -0.01	88.20 7.70 -0.01	92.85 8.14 0.00	114.64 9.99 0.00	184.17 15.72 0.00	182.51 15.85 0.00	221.48 20.61 -0.01	217.55 19.06 -0.01	123.68 11.49 -3.27	137.45 10.63 -34.55	123.21 9.88 -24.03	146.99 7.14 -75.22	125.67 8.10 -45.25	124.59 4.51 -80.45	155.33 4.69 -109.98	205.79 4.51 -160.55	234.69 6.44 -165.37	272.41 13.41 -132.31	147.69 7.43 -70.00	134.91 12.59 -1.21	138.80 8.19 -48.50	130.17 6.35 -59.35	127.70 7.52 -41.09
HEWLETT_69_KV_BK3 55828	88.03 8.91 -0.05	85.15 8.49 -0.05	89.03 8.52 -0.03	93.72 9.02 0.00	115.70 11.06 0.00	185.92 17.45 -0.02	184.55 17.87 -0.02	224.06 23.14 -0.05	219.74 21.21 -0.06	126.24 12.62 -4.69	183.96 11.65 -80.03	217.98 10.71 -117.96	328.56 7.64 -256.29	210.64 8.56 -129.76	203.35 4.77 -158.95	213.33 5.03 -167.65	237.48 4.99 -191.76	235.25 6.99 -165.37	273.54 14.54 -132.31	148.36 8.11 -69.99	135.95 13.63 -1.21	139.41 8.80 -48.50	130.70 6.88 -59.35	128.54 8.36 -41.09
HICKLING___1 23621	77.74 -1.33 0.00	75.44 -1.17 0.00	79.51 -0.99 0.00	84.04 -0.67 0.00	103.93 -0.70 0.00	167.98 -0.48 0.00	166.48 -0.17 0.00	199.00 -1.86 0.00	196.50 -1.98 0.00	108.93 -0.19 -0.19	92.86 -0.61 -1.20	89.30 -0.30 -0.28	67.10 -0.11 -2.58	74.51 -1.45 -3.64	56.40 -0.56 -17.33	59.76 -0.47 -19.57	57.50 -0.68 -17.45	60.59 -1.21 1.09	115.73 -2.58 8.38	63.56 -1.58 5.12	74.11 -2.75 44.24	25.13 -2.30 54.68	68.67 -1.76 -5.97	87.75 -2.04 -10.70
HICKLING___2 23622	77.74 -1.33 0.00	75.44 -1.17 0.00	79.51 -0.99 0.00	84.04 -0.67 0.00	103.93 -0.70 0.00	167.98 -0.48 0.00	166.48 -0.17 0.00	199.00 -1.86 0.00	196.50 -1.98 0.00	108.93 -0.19 -0.19	92.86 -0.61 -1.20	89.30 -0.30 -0.28	67.10 -0.11 -2.58	74.51 -1.45 -3.64	56.40 -0.56 -17.33	59.76 -0.47 -19.57	57.50 -0.68 -17.45	60.59 -1.21 1.09	115.73 -2.58 8.38	63.56 -1.58 5.12	74.11 -2.75 44.24	25.13 -2.30 54.68	68.67 -1.76 -5.97	87.75 -2.04 -10.70
HIGH FALLS___HY 23754	88.11 9.04 0.00	85.38 8.77 0.00	89.46 8.97 0.00	94.14 9.43 0.00	116.05 11.42 0.00	187.28 18.83 0.00	187.04 20.38 0.00	226.48 25.62 0.00	222.87 24.39 0.00	124.42 13.50 -1.99	115.95 11.05 -12.61	103.05 10.75 -2.99	99.85 7.92 -27.30	104.44 9.00 -23.13	108.40 5.05 -63.72	128.35 5.40 -82.30	172.01 5.47 -125.81	208.23 8.46 -136.87	250.39 16.06 -107.64	147.77 8.61 -68.90	136.96 14.49 -1.36	139.64 9.61 -47.92	130.27 7.15 -58.65	128.00 8.31 -40.60
HIGH_RIVER___SOLAR 323847	82.85 3.78 0.00	80.29 3.68 0.00	84.28 3.79 0.00	88.71 4.00 0.00	109.67 5.03 0.00	176.78 8.32 0.00	175.28 8.62 0.00	211.62 10.76 0.00	207.76 9.28 0.00	112.74 3.97 0.17	94.07 2.85 1.06	91.50 2.44 0.25	64.54 2.21 2.29	89.56 2.71 -14.53	131.02 1.75 -89.64	135.16 2.04 -92.47	128.86 2.24 -85.89	151.83 3.59 -85.35	206.11 7.23 -72.19	167.04 4.07 -92.71	132.81 6.99 -4.71	151.23 4.65 -64.48	146.82 3.44 -78.91	137.80 4.08 -54.63

HILLBURN___GT 23639	85.14 6.07 0.00	82.57 5.96 0.00	86.43 5.94 0.00	90.88 6.17 0.00	111.99 7.35 0.00	180.25 11.80 0.00	179.27 12.61 0.00	216.66 15.80 0.00	213.35 14.87 0.00	120.48 9.06 -2.49	115.97 7.90 -15.79	100.62 7.57 -3.74	104.33 5.54 -34.17	104.21 6.30 -25.60	103.81 3.45 -60.73	127.01 3.57 -82.78	182.25 3.54 -137.98	221.12 5.32 -152.91	259.11 10.69 -121.72	142.05 5.79 -65.99	132.06 9.81 -1.15	134.52 6.51 -45.90	125.55 4.90 -56.17	123.75 5.77 -38.89
HILLSIDE_115KV_TB1 80332	77.72 -1.35 0.00	75.33 -1.28 0.00	79.30 -1.19 0.00	83.73 -0.97 0.00	103.39 -1.25 0.00	166.99 -1.47 0.00	165.39 -1.27 0.00	197.96 -2.91 0.00	195.48 -2.99 0.00	108.48 -0.64 -0.20	92.43 -1.08 -1.24	88.86 -0.75 -0.29	66.80 -0.49 -2.67	74.11 -2.02 -3.81	56.63 -0.93 -17.93	60.06 -0.85 -20.25	58.27 -1.09 -18.62	62.22 -1.92 -1.25	116.44 -3.88 6.38	65.00 -2.28 2.98	75.78 -3.96 41.37	29.13 -3.06 49.92	69.39 -2.21 -7.12	87.59 -2.58 -11.08
HISHELDN_WT_PWR 323625	72.44 -6.63 0.00	70.52 -6.09 0.00	75.06 -5.44 0.00	79.60 -5.10 0.00	98.32 -6.31 0.00	158.78 -9.67 0.00	157.21 -9.45 0.00	185.49 -15.37 0.00	183.83 -14.64 0.00	102.25 -6.81 -0.13	87.00 -6.10 -0.83	83.42 -6.09 -0.20	62.34 -4.07 -1.79	69.47 -5.54 -2.70	49.16 -2.79 -12.32	51.75 -2.81 -13.90	51.45 -3.03 -13.75	63.29 -4.57 -4.97	116.20 -10.02 0.47	66.50 -5.82 -2.06	90.91 -9.60 20.60	52.81 -6.83 22.45	65.73 -5.31 -6.58	80.70 -6.01 -7.62
HOLTSVILLE_IC_1 23690	88.18 9.11 0.00	85.21 8.60 0.00	88.93 8.44 0.00	93.76 9.05 0.00	116.03 11.39 0.00	186.24 17.79 0.00	184.37 17.72 0.00	223.96 23.10 0.00	218.68 20.21 0.00	123.57 11.80 -2.84	124.24 11.04 -20.92	94.78 9.98 4.51	92.72 7.11 -20.99	100.27 8.02 -19.93	101.15 4.58 -56.94	138.42 5.06 -92.71	196.97 5.03 -151.21	235.06 6.80 -165.37	273.54 14.54 -132.31	148.64 8.37 -70.00	136.32 14.00 -1.21	139.60 9.00 -48.50	131.01 7.20 -59.35	128.63 8.45 -41.09
HOLTSVILLE_IC_10 23699	88.55 9.48 0.00	85.55 8.94 0.00	89.28 8.78 0.00	94.12 9.42 0.00	116.52 11.87 0.00	187.06 18.61 0.00	185.28 18.63 0.00	224.95 24.09 0.00	219.02 20.55 0.00	123.79 12.01 -2.85	124.76 11.30 -21.19	95.72 10.36 3.95	94.04 7.37 -22.05	100.91 8.16 -20.43	101.69 4.67 -57.40	138.89 5.19 -93.05	197.42 5.29 -151.39	235.38 7.12 -165.37	274.28 15.28 -132.31	149.19 8.93 -70.00	137.21 14.89 -1.21	140.13 9.53 -48.50	131.40 7.59 -59.35	129.06 8.89 -41.09
HOLTSVILLE_IC_2 23691	88.18 9.11 0.00	85.21 8.60 0.00	88.93 8.44 0.00	93.76 9.05 0.00	116.03 11.39 0.00	186.24 17.79 0.00	184.37 17.72 0.00	223.96 23.10 0.00	218.68 20.21 0.00	123.57 11.80 -2.84	124.24 11.04 -20.92	94.78 9.98 4.51	92.72 7.11 -20.99	100.27 8.02 -19.93	101.15 4.58 -56.94	138.42 5.06 -92.71	196.97 5.03 -151.21	235.06 6.80 -165.37	273.54 14.54 -132.31	148.64 8.37 -70.00	136.32 14.00 -1.21	139.60 9.00 -48.50	131.01 7.20 -59.35	128.63 8.45 -41.09
HOLTSVILLE_IC_3 23692	88.18 9.11 0.00	85.21 8.60 0.00	88.93 8.44 0.00	93.76 9.05 0.00	116.03 11.39 0.00	186.24 17.79 0.00	184.37 17.72 0.00	223.96 23.10 0.00	218.68 20.21 0.00	123.57 11.80 -2.84	124.24 11.04 -20.92	94.78 9.98 4.51	92.72 7.11 -20.99	100.27 8.02 -19.93	101.15 4.58 -56.94	138.42 5.06 -92.71	196.97 5.03 -151.21	235.06 6.80 -165.37	273.54 14.54 -132.31	148.64 8.37 -70.00	136.32 14.00 -1.21	139.60 9.00 -48.50	131.01 7.20 -59.35	128.63 8.45 -41.09
HOLTSVILLE_IC_4 23693	88.18 9.11 0.00	85.21 8.60 0.00	88.93 8.44 0.00	93.76 9.05 0.00	116.03 11.39 0.00	186.24 17.79 0.00	184.37 17.72 0.00	223.96 23.10 0.00	218.68 20.21 0.00	123.57 11.80 -2.84	124.24 11.04 -20.92	94.78 9.98 4.51	92.72 7.11 -20.99	100.27 8.02 -19.93	101.15 4.58 -56.94	138.42 5.06 -92.71	196.97 5.03 -151.21	235.06 6.80 -165.37	273.54 14.54 -132.31	148.64 8.37 -70.00	136.32 14.00 -1.21	139.60 9.00 -48.50	131.01 7.20 -59.35	128.63 8.45 -41.09
HOLTSVILLE_IC_5 23694	88.18 9.11 0.00	85.21 8.60 0.00	88.93 8.44 0.00	93.76 9.05 0.00	116.03 11.39 0.00	186.24 17.79 0.00	184.37 17.72 0.00	223.96 23.10 0.00	218.68 20.21 0.00	123.57 11.80 -2.84	124.24 11.04 -20.92	94.78 9.98 4.51	92.72 7.11 -20.99	100.27 8.02 -19.93	101.15 4.58 -56.94	138.42 5.06 -92.71	196.97 5.03 -151.21	235.06 6.80 -165.37	273.54 14.54 -132.31	148.64 8.37 -70.00	136.32 14.00 -1.21	139.60 9.00 -48.50	131.01 7.20 -59.35	128.63 8.45 -41.09
HOLTSVILLE_IC_6 23695	88.55 9.48 0.00	85.55 8.94 0.00	89.28 8.78 0.00	94.12 9.42 0.00	116.52 11.87 0.00	187.06 18.61 0.00	185.28 18.63 0.00	224.95 24.09 0.00	219.02 20.55 0.00	123.79 12.01 -2.85	124.76 11.30 -21.19	95.72 10.36 3.95	94.04 7.37 -22.05	100.91 8.16 -20.43	101.69 4.67 -57.40	138.89 5.19 -93.05	197.42 5.29 -151.39	235.38 7.12 -165.37	274.28 15.28 -132.31	149.19 8.93 -70.00	137.21 14.89 -1.21	140.13 9.53 -48.50	131.40 7.59 -59.35	129.06 8.89 -41.09
HOLTSVILLE_IC_7 23696	88.55 9.48 0.00	85.55 8.94 0.00	89.28 8.78 0.00	94.12 9.42 0.00	116.52 11.87 0.00	187.06 18.61 0.00	185.28 18.63 0.00	224.95 24.09 0.00	219.02 20.55 0.00	123.79 12.01 -2.85	124.76 11.30 -21.19	95.72 10.36 3.95	94.04 7.37 -22.05	100.91 8.16 -20.43	101.69 4.67 -57.40	138.89 5.19 -93.05	197.42 5.29 -151.39	235.38 7.12 -165.37	274.28 15.28 -132.31	149.19 8.93 -70.00	137.21 14.89 -1.21	140.13 9.53 -48.50	131.40 7.59 -59.35	129.06 8.89 -41.09
HOLTSVILLE_IC_8 23697	88.55 9.48 0.00	85.55 8.94 0.00	89.28 8.78 0.00	94.12 9.42 0.00	116.52 11.87 0.00	187.06 18.61 0.00	185.28 18.63 0.00	224.95 24.09 0.00	219.02 20.55 0.00	123.79 12.01 -2.85	124.76 11.30 -21.19	95.72 10.36 3.95	94.04 7.37 -22.05	100.91 8.16 -20.43	101.69 4.67 -57.40	138.89 5.19 -93.05	197.42 5.29 -151.39	235.38 7.12 -165.37	274.28 15.28 -132.31	149.19 8.93 -70.00	137.21 14.89 -1.21	140.13 9.53 -48.50	131.40 7.59 -59.35	129.06 8.89 -41.09
HOLTSVILLE_IC_9 23698	88.55 9.48 0.00	85.55 8.94 0.00	89.28 8.78 0.00	94.12 9.42 0.00	116.52 11.87 0.00	187.06 18.61 0.00	185.28 18.63 0.00	224.95 24.09 0.00	219.02 20.55 0.00	123.79 12.01 -2.85	124.76 11.30 -21.19	95.72 10.36 3.95	94.04 7.37 -22.05	100.91 8.16 -20.43	101.69 4.67 -57.40	138.89 5.19 -93.05	197.42 5.29 -151.39	235.38 7.12 -165.37	274.28 15.28 -132.31	149.19 8.93 -70.00	137.21 14.89 -1.21	140.13 9.53 -48.50	131.40 7.59 -59.35	129.06 8.89 -41.09
HOMER_HL_115KV_TB2 355744	74.49 -4.58 0.00	72.36 -4.25 0.00	76.51 -3.98 0.00	80.74 -3.97 0.00	99.80 -4.83 0.00	160.66 -7.79 0.00	158.24 -8.41 0.00	187.05 -13.81 0.00	185.08 -13.40 0.00	103.43 -5.64 -0.14	88.24 -4.90 -0.87	84.65 -4.87 -0.20	63.27 -3.22 -1.87	70.98 -4.19 -2.85	50.59 -2.04 -13.00	53.16 -2.17 -14.67	52.61 -2.67 -14.54	64.09 -4.18 -5.38	118.13 -8.20 0.36	67.30 -5.26 -2.29	91.34 -8.25 21.51	52.94 -5.81 23.35	66.91 -4.55 -6.99	82.36 -4.77 -8.05
HOWARD_WT_PWR 323690	72.79 -6.29 0.00	71.00 -5.61 0.00	75.24 -5.26 0.00	80.48 -4.22 0.00	100.39 -4.25 0.00	163.46 -5.00 0.00	162.78 -3.88 0.00	191.81 -9.05 0.00	189.23 -9.25 0.00	104.18 -4.91 -0.16	88.94 -4.32 -0.99	85.85 -3.69 -0.23	64.81 -1.94 -2.13	72.35 -2.91 -2.96	52.85 -1.25 -14.47	55.52 -1.47 -16.33	52.67 -1.72 -13.66	55.69 -2.57 4.62	110.74 -5.34 10.61	59.30 -3.11 7.86	71.60 -5.73 43.77	20.99 -5.13 55.98	63.42 -4.56 -3.51	82.39 -5.62 -8.92

HQ_GEN_CEDARS 23644	77.52 -1.55 0.00	74.71 -1.90 0.00	78.58 -1.91 0.00	82.54 -2.17 0.00	102.00 -2.64 0.00	163.64 -4.81 0.00	159.55 -7.11 0.00	194.06 -6.80 0.00	193.25 -5.23 0.00	103.74 -5.19 0.00	87.53 -4.75 0.00	85.15 -4.16 0.00	61.66 -2.96 0.00	69.42 -2.90 0.00	37.33 -2.30 0.00	38.24 -2.42 0.00	38.37 -2.37 0.00	59.53 -3.36 0.00	120.20 -6.49 0.00	66.68 -3.58 0.00	115.77 -5.34 0.00	79.21 -2.89 0.00	62.20 -2.27 0.00	76.57 -2.52 0.00
HQ_GEN_CEDARS_PROXY 323590	77.52 -1.55 0.00	74.72 -1.89 0.00	78.58 -1.91 0.00	82.54 -2.17 0.00	102.00 -2.64 0.00	163.64 -4.81 0.00	125.10 -7.11 34.45	194.06 -6.80 0.00	193.25 -5.22 0.00	80.18 -5.18 23.57	87.52 -4.75 0.00	85.15 -4.16 0.00	61.66 -2.96 0.00	69.41 -2.90 0.00	28.13 -2.30 9.20	38.24 -2.41 0.00	20.54 -2.37 17.82	32.05 -3.36 27.48	64.27 -6.48 55.94	66.71 -3.55 0.00	115.79 -5.32 0.00	79.23 -2.88 0.00	62.20 -2.27 0.00	76.57 -2.52 0.00
HQ_GEN_IMPORT 323601	77.45 -1.62 0.00	74.95 -1.66 0.00	78.78 -1.71 0.00	82.89 -1.82 0.00	102.47 -2.16 0.00	0.00 -3.52 164.93	162.74 -3.91 0.00	0.00 -4.51 196.35	118.37 -4.09 76.02	105.98 -2.95 0.00	89.73 -2.55 0.00	87.10 -2.21 0.00	62.96 -1.66 0.00	61.60 -1.83 8.88	38.44 -1.19 0.00	29.60 -1.25 9.80	39.48 -1.25 0.00	61.08 -1.81 0.00	123.24 -3.45 0.00	68.38 -1.88 0.00	117.93 -3.18 0.00	80.11 -2.00 0.00	0.00 -1.47 63.00	77.34 -1.75 0.00
HQ_GEN_WHEEL 23651	77.45 -1.62 0.00	74.95 -1.66 0.00	78.78 -1.71 0.00	82.89 -1.82 0.00	102.47 -2.16 0.00	0.00 -3.52 164.93	162.74 -3.91 0.00	0.00 -4.51 196.35	118.37 -4.09 76.02	105.98 -2.95 0.00	89.73 -2.55 0.00	87.10 -2.21 0.00	62.96 -1.66 0.00	61.60 -1.83 8.88	38.44 -1.19 0.00	29.60 -1.25 9.80	39.48 -1.25 0.00	61.08 -1.81 0.00	123.24 -3.45 0.00	68.38 -1.88 0.00	117.93 -3.18 0.00	80.11 -2.00 0.00	0.00 -1.47 63.00	77.34 -1.75 0.00
HUDSON AVE_GT_3 23810	86.32 7.26 0.00	83.71 7.10 0.00	87.74 7.24 0.00	92.20 7.50 0.00	113.55 8.92 0.00	182.84 14.38 0.00	181.83 15.17 0.00	220.01 19.15 0.00	217.16 18.68 0.00	122.85 11.19 -2.73	119.40 9.82 -17.30	102.78 9.37 -4.10	108.85 6.79 -37.44	107.63 7.71 -27.61	107.84 4.16 -64.06	133.02 4.27 -88.10	193.60 4.19 -148.68	234.54 6.33 -165.32	271.63 12.67 -132.27	146.88 6.90 -69.71	134.02 11.70 -1.21	138.22 7.62 -48.49	129.55 5.75 -59.34	127.04 6.87 -41.08
HUDSON AVE_GT_4 23540	86.32 7.26 0.00	83.71 7.10 0.00	87.74 7.24 0.00	92.20 7.50 0.00	113.55 8.92 0.00	182.84 14.38 0.00	181.83 15.17 0.00	220.01 19.15 0.00	217.16 18.68 0.00	122.85 11.19 -2.73	119.40 9.82 -17.30	102.78 9.37 -4.10	108.85 6.79 -37.44	107.63 7.71 -27.61	107.84 4.16 -64.06	133.02 4.27 -88.10	193.60 4.19 -148.68	234.54 6.33 -165.32	271.63 12.67 -132.27	146.88 6.90 -69.71	134.02 11.70 -1.21	138.22 7.62 -48.49	129.55 5.75 -59.34	127.04 6.87 -41.08
HUDSON AVE_GT_5 23657	86.32 7.26 0.00	83.71 7.10 0.00	87.74 7.24 0.00	92.20 7.50 0.00	113.55 8.92 0.00	182.84 14.38 0.00	181.83 15.17 0.00	220.01 19.15 0.00	217.16 18.68 0.00	122.85 11.19 -2.73	119.40 9.82 -17.30	102.78 9.37 -4.10	108.85 6.79 -37.44	107.63 7.71 -27.61	107.84 4.16 -64.06	133.02 4.27 -88.10	193.60 4.19 -148.68	234.54 6.33 -165.32	271.63 12.67 -132.27	146.88 6.90 -69.71	134.02 11.70 -1.21	138.22 7.62 -48.49	129.55 5.75 -59.34	127.04 6.87 -41.08
HUDSON_AVE_10 24168	85.98 6.91 0.00	83.40 6.79 0.00	87.45 6.95 0.00	91.88 7.17 0.00	113.11 8.48 0.00	182.15 13.70 0.00	181.16 14.50 0.00	219.19 18.33 0.00	216.30 17.82 0.00	122.37 10.71 -2.73	118.97 9.40 -17.30	102.42 9.01 -4.10	108.56 6.49 -37.44	107.29 7.37 -27.61	107.67 3.98 -64.06	132.83 4.08 -88.10	193.41 3.99 -148.68	234.24 6.03 -165.32	271.06 12.10 -132.27	146.56 6.58 -69.71	133.46 11.14 -1.21	137.87 7.28 -48.49	129.29 5.49 -59.34	126.71 6.54 -41.08
HUDSON___115KV_TB 4 355613	84.63 5.56 0.00	82.04 5.43 0.00	86.17 5.67 0.00	90.74 6.03 0.00	112.09 7.45 0.00	179.89 11.44 0.00	177.40 10.75 0.00	213.92 13.06 0.00	210.81 12.33 0.00	115.21 6.28 0.00	97.50 5.22 0.00	94.22 4.91 0.00	68.10 3.47 0.00	90.35 3.92 -14.11	123.04 2.78 -80.64	128.04 2.27 -85.12	125.53 2.81 -81.98	142.68 4.45 -75.34	181.38 8.84 -45.85	159.31 4.66 -84.39	131.72 8.14 -2.48	146.10 5.31 -58.69	140.64 4.35 -71.83	134.60 5.78 -49.73
HUNTER MOUNT___DRP 323613	85.11 6.04 0.00	82.50 5.89 0.00	86.68 6.19 0.00	91.31 6.60 0.00	112.83 8.19 0.00	181.24 12.79 0.00	178.98 12.33 0.00	215.88 15.02 0.00	212.73 14.26 0.00	116.34 7.08 -0.33	100.30 5.91 -2.11	95.17 5.37 -0.50	72.97 3.78 -4.57	91.95 3.97 -15.67	120.52 3.33 -77.56	128.23 2.61 -84.96	133.66 3.26 -89.66	154.41 5.19 -86.33	192.65 10.22 -55.75	157.60 5.24 -82.10	132.55 9.20 -2.25	145.17 5.96 -57.10	139.15 4.80 -69.88	133.74 6.27 -48.38
HUNTINGTON_RES_REC 323705	87.93 8.86 0.00	85.01 8.40 0.00	88.72 8.23 0.00	93.54 8.84 0.00	115.88 11.24 0.00	185.69 17.24 0.00	183.99 17.33 0.00	223.23 22.37 0.00	218.46 19.99 0.00	123.88 12.10 -2.85	124.76 11.29 -21.18	95.62 10.27 3.96	93.98 7.34 -22.02	101.02 8.29 -20.42	101.70 4.69 -57.38	138.72 5.03 -93.04	197.03 4.92 -151.38	235.14 6.89 -165.37	273.46 14.46 -132.31	148.38 8.12 -70.00	135.97 13.65 -1.21	139.42 8.82 -48.50	130.87 7.05 -59.35	128.52 8.34 -41.09
HUNTLEY___63 23557	73.05 -6.02 0.00	70.95 -5.66 0.00	75.40 -5.10 0.00	79.70 -5.01 0.00	98.06 -6.58 0.00	157.78 -10.67 0.00	156.01 -10.64 0.00	183.24 -17.62 0.00	181.97 -16.50 0.00	101.33 -7.71 -0.11	86.19 -6.80 -0.72	82.56 -6.93 -0.17	61.39 -4.78 -1.55	68.69 -6.02 -2.39	47.48 -2.95 -10.81	49.89 -2.95 -12.19	49.78 -3.37 -12.42	64.07 -4.76 -5.94	117.43 -10.35 -1.09	67.59 -6.07 -3.39	96.33 -9.73 15.05	60.36 -6.61 15.14	65.64 -5.24 -6.42	80.21 -5.57 -6.69
HUNTLEY___64 23558	73.05 -6.02 0.00	70.95 -5.66 0.00	75.40 -5.10 0.00	79.70 -5.01 0.00	98.06 -6.58 0.00	157.78 -10.67 0.00	156.01 -10.64 0.00	183.24 -17.62 0.00	181.97 -16.50 0.00	101.33 -7.71 -0.11	86.19 -6.80 -0.72	82.56 -6.93 -0.17	61.39 -4.78 -1.55	68.69 -6.02 -2.39	47.48 -2.95 -10.81	49.89 -2.95 -12.19	49.78 -3.37 -12.42	64.07 -4.76 -5.94	117.43 -10.35 -1.09	67.59 -6.07 -3.39	96.33 -9.73 15.05	60.36 -6.61 15.14	65.64 -5.24 -6.42	80.21 -5.57 -6.69
HUNTLEY___65 23559	73.05 -6.02 0.00	70.95 -5.66 0.00	75.40 -5.10 0.00	79.70 -5.01 0.00	98.06 -6.58 0.00	157.78 -10.67 0.00	156.01 -10.64 0.00	183.24 -17.62 0.00	181.97 -16.50 0.00	101.33 -7.71 -0.11	86.19 -6.80 -0.72	82.56 -6.93 -0.17	61.39 -4.78 -1.55	68.69 -6.02 -2.39	47.48 -2.95 -10.81	49.89 -2.95 -12.19	49.78 -3.37 -12.42	64.07 -4.76 -5.94	117.43 -10.35 -1.09	67.59 -6.07 -3.39	96.33 -9.73 15.05	60.36 -6.61 15.14	65.64 -5.24 -6.42	80.21 -5.57 -6.69
HUNTLEY___66 23560	73.05 -6.02 0.00	70.95 -5.66 0.00	75.40 -5.10 0.00	79.70 -5.01 0.00	98.06 -6.58 0.00	157.78 -10.67 0.00	156.01 -10.64 0.00	183.24 -17.62 0.00	181.97 -16.50 0.00	101.33 -7.71 -0.11	86.19 -6.80 -0.72	82.56 -6.93 -0.17	61.39 -4.78 -1.55	68.69 -6.02 -2.39	47.48 -2.95 -10.81	49.89 -2.95 -12.19	49.78 -3.37 -12.42	64.07 -4.76 -5.94	117.43 -10.35 -1.09	67.59 -6.07 -3.39	96.33 -9.73 15.05	60.36 -6.61 15.14	65.64 -5.24 -6.42	80.21 -5.57 -6.69

HUNTLEY___67 23561	72.52 -6.55 0.00	70.46 -6.15 0.00	74.86 -5.63 0.00	79.15 -5.56 0.00	97.53 -7.11 0.00	156.88 -11.57 0.00	155.08 -11.58 0.00	182.38 -18.48 0.00	181.08 -17.39 0.00	100.78 -8.26 -0.11	85.71 -7.30 -0.73	82.06 -7.42 -0.17	61.11 -5.09 -1.58	68.33 -6.42 -2.44	47.51 -3.13 -11.01	49.88 -3.19 -12.42	49.78 -3.57 -12.61	63.57 -5.20 -5.88	116.55 -11.09 -0.95	67.02 -6.53 -3.28	94.77 -10.68 15.66	58.90 -7.29 15.92	65.31 -5.62 -6.47	79.80 -6.11 -6.82
HUNTLEY___68 23562	72.52 -6.55 0.00	70.46 -6.15 0.00	74.86 -5.63 0.00	79.15 -5.56 0.00	97.53 -7.11 0.00	156.88 -11.57 0.00	155.08 -11.58 0.00	182.38 -18.48 0.00	181.08 -17.39 0.00	100.78 -8.26 -0.11	85.71 -7.30 -0.73	82.06 -7.42 -0.17	61.11 -5.09 -1.58	68.33 -6.42 -2.44	47.51 -3.13 -11.01	49.88 -3.19 -12.42	49.78 -3.57 -12.61	63.57 -5.20 -5.88	116.55 -11.09 -0.95	67.02 -6.53 -3.28	94.77 -10.68 15.66	58.90 -7.29 15.92	65.31 -5.62 -6.47	79.80 -6.11 -6.82
HYLAND___LFG 323620	79.26 0.18 0.00	76.93 0.32 0.00	81.35 0.86 0.00	86.04 1.33 0.00	106.54 1.90 0.00	172.65 4.19 0.00	166.79 0.13 0.00	189.24 -11.62 0.00	187.67 -10.80 0.00	103.60 -5.46 -0.13	88.10 -4.98 -0.81	85.26 -4.24 -0.19	64.08 -2.29 -1.74	71.00 -3.90 -2.58	50.32 -1.29 -11.97	52.96 -1.21 -13.51	52.44 -1.17 -12.88	63.97 -1.74 -2.82	118.40 -5.89 2.40	69.42 -0.88 -0.04	102.98 5.63 23.75	56.01 1.37 27.47	70.56 0.50 -5.59	87.14 0.64 -7.40
INDECK___CORINTH 23802	84.71 5.64 0.00	82.04 5.43 0.00	86.16 5.67 0.00	90.64 5.94 0.00	112.20 7.56 0.00	180.99 12.54 0.00	179.01 12.35 0.00	217.34 16.48 0.00	213.99 15.51 0.00	116.63 7.85 0.14	98.06 6.69 0.91	95.12 6.03 0.22	67.19 4.54 1.98	91.97 5.48 -14.18	129.62 3.20 -86.80	133.89 3.56 -89.67	128.04 3.60 -83.70	151.70 5.61 -83.20	208.30 11.18 -70.43	166.21 6.27 -89.67	136.33 10.68 -4.54	151.39 6.92 -62.37	145.87 5.08 -76.33	137.85 5.92 -52.84
INDECK___ILION 23567	81.18 2.10 0.00	78.62 2.01 0.00	82.52 2.03 0.00	86.75 2.05 0.00	107.13 2.49 0.00	172.71 4.25 0.00	171.16 4.50 0.00	206.70 5.84 0.00	203.80 5.33 0.00	111.68 2.75 0.00	94.60 2.32 0.00	91.35 2.04 0.00	66.25 1.62 0.00	74.21 1.90 0.00	40.70 1.08 0.00	41.90 1.25 0.00	42.05 1.31 0.00	65.01 2.12 0.00	130.97 4.28 0.00	72.62 2.36 0.00	125.08 3.97 0.00	84.84 2.74 0.00	66.54 2.08 0.00	81.50 2.41 0.00
INDECK___OLEAN 23982	74.51 -4.56 0.00	72.36 -4.25 0.00	76.51 -3.98 0.00	80.76 -3.94 0.00	99.68 -4.96 0.00	160.62 -7.83 0.00	158.28 -8.38 0.00	187.07 -13.79 0.00	185.11 -13.37 0.00	103.48 -5.58 -0.14	88.31 -4.83 -0.87	84.65 -4.86 -0.20	63.32 -3.17 -1.87	70.97 -2.04 -2.85	50.59 -2.04 -13.00	53.13 -2.20 -14.67	52.60 -2.68 -14.54	64.07 -4.20 -5.38	118.03 -8.30 0.36	67.16 -5.39 -2.29	91.30 -8.30 21.51	52.71 -6.04 23.36	66.92 -4.54 -6.99	82.38 -4.75 -8.05
INDECK___OSWEGO 23783	75.84 -3.23 0.00	73.52 -3.09 0.00	77.36 -3.13 0.00	81.46 -3.24 0.00	100.51 -4.13 0.00	161.88 -6.57 0.00	160.69 -5.97 0.00	193.27 -7.59 0.00	190.95 -7.52 0.00	105.03 -3.90 0.00	88.89 -3.38 0.00	85.88 -3.43 0.00	62.15 -2.48 0.00	70.28 -2.90 -0.86	43.16 -1.43 -4.96	44.40 -1.44 -5.19	44.31 -1.38 -4.95	64.83 -2.15 -4.10	123.29 -4.51 -1.11	72.91 -2.59 -5.23	116.65 -4.48 -0.02	82.63 -3.11 -3.64	66.40 -2.52 -4.45	79.02 -3.16 -3.08
INDECK___YERKES 23781	73.14 -5.93 0.00	71.02 -5.59 0.00	75.47 -5.02 0.00	79.83 -4.88 0.00	98.02 -6.62 0.00	157.90 -10.56 0.00	156.17 -10.49 0.00	183.47 -17.39 0.00	182.24 -16.24 0.00	101.54 -7.50 -0.11	86.36 -6.63 -0.72	82.64 -6.84 -0.17	61.54 -4.63 -1.55	68.74 -5.97 -2.39	47.51 -2.92 -10.81	49.91 -2.93 -12.19	49.81 -3.34 -12.42	64.15 -4.68 -5.94	117.51 -10.27 -1.09	67.62 -6.04 -3.39	96.43 -9.62 15.05	60.33 -6.64 15.14	65.74 -5.15 -6.42	80.32 -5.46 -6.69
INDIAN POINT_GT_1 24139	85.36 6.29 0.00	82.78 6.17 0.00	86.72 6.22 0.00	91.19 6.48 0.00	112.33 7.70 0.00	180.80 12.34 0.00	179.72 13.06 0.00	217.26 16.40 0.00	214.11 15.63 0.00	121.04 9.44 -2.67	117.46 8.26 -16.92	101.18 7.86 -4.01	106.99 5.75 -36.62	105.97 6.55 -27.10	106.41 3.57 -63.21	131.11 3.70 -86.75	190.37 3.66 -145.97	230.60 5.54 -162.18	267.39 11.10 -129.60	145.03 6.00 -68.77	132.45 10.15 -1.20	136.65 6.72 -47.83	128.07 5.07 -58.53	125.74 6.02 -40.63
INDIAN POINT_GT_2 23659	85.36 6.29 0.00	82.78 6.17 0.00	86.72 6.22 0.00	91.19 6.48 0.00	112.33 7.70 0.00	180.80 12.34 0.00	179.72 13.06 0.00	217.26 16.40 0.00	214.11 15.63 0.00	121.04 9.44 -2.67	117.46 8.26 -16.92	101.18 7.86 -4.01	106.99 5.75 -36.62	105.97 6.55 -27.10	106.41 3.57 -63.21	131.11 3.70 -86.75	190.37 3.66 -145.97	230.60 5.54 -162.18	267.39 11.10 -129.60	145.03 6.00 -68.77	132.45 10.15 -1.20	136.65 6.72 -47.83	128.07 5.07 -58.53	125.74 6.02 -40.63
INDIAN POINT_GT_3 24019	85.36 6.29 0.00	82.78 6.17 0.00	86.72 6.22 0.00	91.19 6.48 0.00	112.33 7.70 0.00	180.80 12.34 0.00	179.72 13.06 0.00	217.26 16.40 0.00	214.11 15.63 0.00	121.04 9.44 -2.67	117.46 8.26 -16.92	101.18 7.86 -4.01	106.99 5.75 -36.62	105.97 6.55 -27.10	106.41 3.57 -63.21	131.11 3.70 -86.75	190.37 3.66 -145.97	230.60 5.54 -162.18	267.39 11.10 -129.60	145.03 6.00 -68.77	132.45 10.15 -1.20	136.65 6.72 -47.83	128.07 5.07 -58.53	125.74 6.02 -40.63
INDIAN POINT___2 23530	85.25 6.18 0.00	82.67 6.06 0.00	86.57 6.08 0.00	91.01 6.31 0.00	112.16 7.52 0.00	180.49 12.04 0.00	179.40 12.74 0.00	216.88 16.02 0.00	213.66 15.18 0.00	120.73 9.19 -2.61	116.87 8.06 -16.53	100.93 7.70 -3.92	106.01 5.61 -35.78	105.31 6.41 -26.58	105.47 3.49 -62.35	129.65 3.62 -85.38	187.53 3.58 -143.22	227.27 5.39 -158.99	264.40 10.82 -126.89	143.92 5.85 -67.81	132.19 9.90 -1.18	135.82 6.56 -47.16	127.12 4.94 -57.72	124.92 5.86 -39.97
INDIAN POINT___3 23531	85.28 6.21 0.00	82.68 6.08 0.00	86.47 5.98 0.00	90.93 6.23 0.00	112.02 7.38 0.00	180.29 11.84 0.00	179.20 12.54 0.00	216.62 15.76 0.00	213.45 14.98 0.00	120.68 9.09 -2.66	117.05 7.95 -16.82	100.88 7.59 -3.99	106.59 5.55 -36.42	105.61 6.32 -26.98	106.08 3.44 -63.01	130.65 3.57 -86.42	189.58 3.52 -145.32	229.62 5.31 -161.42	266.30 10.66 -128.96	144.56 5.76 -68.54	132.09 9.78 -1.19	136.23 6.46 -47.67	127.68 4.88 -58.34	125.25 5.77 -40.39
INGHAM_C_115KV_TB7 356103	82.76 3.69 0.00	80.15 3.54 0.00	84.00 3.51 0.00	88.16 3.46 0.00	108.80 4.16 0.00	175.68 7.22 0.00	174.24 7.59 0.00	211.01 10.15 0.00	207.52 9.04 0.00	113.20 4.27 0.00	95.87 3.60 0.00	92.37 3.06 0.00	67.21 2.59 0.00	75.34 3.03 0.00	41.36 1.73 0.00	42.76 2.10 0.00	42.99 2.25 0.00	66.62 3.73 0.00	134.21 7.52 0.00	74.42 4.16 0.00	128.09 6.99 0.00	86.98 4.88 0.00	68.22 3.75 0.00	83.42 4.32 0.00
IP CORINTH___1 23988	84.71 5.64 0.00	82.04 5.43 0.00	86.16 5.67 0.00	90.64 5.94 0.00	112.19 7.55 0.00	180.99 12.54 0.00	179.01 12.35 0.00	217.35 16.49 0.00	213.99 15.51 0.00	116.64 7.85 0.14	98.07 6.70 0.91	95.12 6.03 0.22	67.19 4.54 1.98	91.97 5.48 -14.18	129.63 3.20 -86.80	133.89 3.57 -89.67	128.03 3.60 -83.70	151.70 5.61 -83.20	208.30 11.18 -70.43	166.22 6.28 -89.67	136.33 10.68 -4.54	151.40 6.93 -62.37	145.87 5.07 -76.33	137.85 5.92 -52.84

IP___TICONDEROGA 23804	86.86 7.79 0.00	84.03 7.42 0.00	88.21 7.72 0.00	92.92 8.21 0.00	115.22 10.58 0.00	186.92 18.47 0.00	184.33 17.68 0.00	226.22 25.36 0.00	221.82 23.34 0.00	119.87 11.08 0.14	100.79 9.39 0.88	97.21 8.11 0.21	68.63 5.91 1.91	94.26 7.76 -14.19	130.86 4.53 -86.70	135.71 5.45 -89.61	129.83 5.36 -83.74	154.26 8.21 -83.16	213.14 16.30 -70.14	169.04 9.21 -89.57	141.50 15.88 -4.50	154.48 10.09 -62.30	148.03 7.33 -76.23	140.18 8.31 -52.78
ISLIP_RES_REC 323679	88.89 9.82 0.00	85.88 9.27 0.00	89.61 9.12 0.00	94.49 9.79 0.00	116.99 12.35 0.00	187.88 19.43 0.00	186.16 19.51 0.00	226.13 25.27 0.00	220.12 21.65 0.00	124.44 12.65 -2.85	125.45 11.80 -21.37	96.50 10.76 3.57	95.06 7.67 -22.77	101.60 8.52 -20.77	102.23 4.89 -57.71	139.37 5.44 -93.28	197.79 5.54 -151.51	235.80 7.54 -165.37	275.13 16.13 -132.31	149.62 9.36 -70.00	137.92 15.60 -1.21	140.57 9.97 -48.50	131.73 7.92 -59.35	129.44 9.26 -41.09
JAMAICA__27_KV_LOAD 355505	86.22 7.15 0.00	83.66 7.05 0.00	87.82 7.32 0.00	92.20 7.50 0.00	113.44 8.80 0.00	182.76 14.30 0.00	181.94 15.29 0.00	220.03 19.17 0.00	217.09 18.62 0.00	122.72 11.06 -2.73	119.25 9.68 -17.30	102.82 9.41 -4.10	108.72 6.66 -37.44	107.50 7.58 -27.61	107.79 4.10 -64.06	132.93 4.17 -88.10	193.49 4.08 -148.68	234.44 6.23 -165.32	271.53 12.57 -132.27	146.81 6.83 -69.71	133.89 11.57 -1.21	138.18 7.59 -48.49	129.60 5.80 -59.34	127.01 6.84 -41.08
JANIS___SOLAR 323808	82.04 2.97 0.00	79.78 3.17 0.00	83.84 3.35 0.00	87.89 3.18 0.00	108.93 4.30 0.00	177.55 9.10 0.00	177.46 10.80 0.00	214.54 13.69 0.00	211.68 13.21 0.00	116.70 7.57 -0.20	98.87 5.32 -1.27	94.49 4.88 -0.30	70.89 3.49 -2.77	81.05 3.78 -4.95	60.56 2.22 -18.71	64.25 2.47 -21.13	74.14 2.81 -30.60	115.67 4.64 -48.14	175.17 9.29 -39.19	117.67 5.00 -42.40	173.21 8.50 -43.60	166.38 5.29 -78.99	94.28 3.72 -26.09	95.11 4.32 -11.71
JARVIS____ 23743	79.86 0.79 0.00	77.38 0.77 0.00	81.30 0.81 0.00	85.55 0.85 0.00	105.68 1.05 0.00	170.14 1.69 0.00	168.49 1.83 0.00	203.01 2.15 0.00	200.45 1.97 0.00	110.13 1.20 0.00	93.38 1.10 0.00	90.30 0.99 0.00	65.34 0.72 0.00	73.15 0.84 0.00	40.11 0.49 0.00	41.14 0.49 0.00	41.23 0.49 0.00	63.65 0.76 0.00	128.23 1.54 0.00	71.11 0.85 0.00	122.57 1.46 0.00	83.07 0.97 0.00	65.24 0.78 0.00	80.01 0.92 0.00
JENNISON___1 23625	80.90 1.83 0.00	78.68 2.07 0.00	82.62 2.13 0.00	86.62 1.91 0.00	107.06 2.43 0.00	173.99 5.54 0.00	173.92 7.26 0.00	211.29 10.43 0.00	208.58 10.11 0.00	115.93 6.74 -0.26	98.45 4.53 -1.64	93.61 3.91 -0.39	70.89 2.72 -3.55	81.26 3.15 -5.80	65.43 2.02 -23.78	69.85 2.32 -26.88	76.50 2.64 -33.13	104.13 4.17 -37.07	162.16 8.23 -27.24	104.71 4.53 -29.92	138.81 7.87 -9.83	118.55 5.09 -31.36	91.02 3.22 -23.33	97.59 3.70 -14.80
JENNISON___2 23626	80.90 1.83 0.00	78.68 2.07 0.00	82.62 2.13 0.00	86.62 1.91 0.00	107.06 2.43 0.00	173.99 5.54 0.00	173.92 7.26 0.00	211.29 10.43 0.00	208.58 10.11 0.00	115.93 6.74 -0.26	98.45 4.53 -1.64	93.61 3.91 -0.39	70.89 2.72 -3.55	81.26 3.15 -5.80	65.43 2.02 -23.78	69.85 2.32 -26.88	76.50 2.64 -33.13	104.13 4.17 -37.07	162.16 8.23 -27.24	104.71 4.53 -29.92	138.81 7.87 -9.83	118.55 5.09 -31.36	91.02 3.22 -23.33	97.59 3.70 -14.80
JERICHO_RISE_WT_PWR 323719	76.33 -2.75 0.00	73.76 -2.85 0.00	77.54 -2.95 0.00	81.66 -3.04 0.00	101.27 -3.36 0.00	163.66 -4.80 0.00	161.16 -5.50 0.00	194.72 -6.14 0.00	192.45 -6.02 0.00	104.87 -4.06 0.00	88.76 -3.52 0.00	86.36 -2.95 0.00	62.40 -2.23 0.00	69.95 -2.36 0.00	37.93 -1.69 0.00	38.90 -1.75 0.00	39.04 -1.70 0.00	60.10 -2.79 0.00	121.88 -4.82 0.00	67.82 -2.44 0.00	117.25 -3.86 0.00	79.79 -2.31 0.00	62.95 -1.51 0.00	77.29 -1.80 0.00
KATONAH___115KV_46KV_TB4 355592	86.34 7.27 0.00	83.72 7.11 0.00	87.76 7.27 0.00	92.28 7.58 0.00	113.73 9.10 0.00	183.10 14.64 0.00	182.01 15.36 0.00	220.26 19.40 0.00	217.12 18.65 0.00	122.69 10.99 -2.77	119.37 9.54 -17.55	102.56 9.09 -4.16	109.23 6.61 -37.99	107.80 7.50 -27.99	108.55 4.09 -64.84	134.14 4.26 -89.23	195.68 4.23 -150.71	236.97 6.46 -167.62	273.88 13.03 -134.16	147.82 7.00 -70.56	134.18 11.84 -1.23	138.98 7.80 -49.08	130.38 5.86 -60.06	127.65 6.98 -41.58
KCE_NY_1 323755	84.42 5.34 0.00	81.87 5.26 0.00	85.94 5.45 0.00	90.33 5.63 0.00	111.75 7.11 0.00	180.02 11.57 0.00	178.06 11.40 0.00	215.50 14.64 0.00	212.51 14.03 0.00	115.93 7.13 0.13	97.56 6.12 0.84	94.72 5.61 0.20	67.05 4.24 1.81	91.57 5.05 -14.21	129.10 2.92 -86.55	133.31 3.15 -89.51	127.70 3.18 -83.79	150.93 4.93 -83.11	206.31 9.87 -69.75	165.21 5.54 -89.41	134.91 9.35 -4.45	150.54 6.25 -62.19	145.25 4.68 -76.10	137.34 5.57 -52.69
KCE_NY_6_ESR 323823	73.21 -5.85 0.00	71.12 -5.49 0.00	75.58 -4.91 0.00	79.97 -4.74 0.00	98.47 -6.17 0.00	158.73 -9.72 0.00	157.17 -9.49 0.00	185.36 -15.50 0.00	184.00 -14.47 0.00	102.56 -6.49 -0.12	87.15 -5.89 -0.76	83.37 -6.13 -0.18	62.18 -4.09 -1.65	69.34 -5.51 -2.54	48.45 -2.67 -11.48	50.89 -2.72 -12.95	50.79 -3.05 -13.10	64.39 -4.35 -5.85	117.94 -9.47 -0.73	67.70 -5.70 -3.13	95.03 -9.19 16.89	58.25 -6.42 17.44	66.18 -4.91 -6.63	80.81 -5.39 -7.11
KEDC_PORT_JEFF_GT2 24210	88.48 9.41 0.00	85.49 8.88 0.00	89.20 8.71 0.00	94.04 9.34 0.00	116.42 11.78 0.00	186.88 18.43 0.00	185.11 18.46 0.00	224.78 23.92 0.00	219.35 20.87 0.00	123.95 12.18 -2.84	124.76 11.40 -21.09	95.50 10.35 4.15	93.66 7.38 -21.66	100.84 8.28 -20.25	101.59 4.74 -57.23	138.80 5.22 -92.92	197.30 5.25 -151.32	235.38 7.12 -165.37	274.33 15.33 -132.31	149.05 8.79 -70.00	137.01 14.69 -1.21	140.02 9.41 -48.50	131.31 7.50 -59.35	128.98 8.80 -41.09
KEDC_PORT_JEFF_GT3 24211	88.48 9.41 0.00	85.49 8.88 0.00	89.20 8.71 0.00	94.04 9.34 0.00	116.42 11.78 0.00	186.88 18.43 0.00	185.11 18.46 0.00	224.78 23.92 0.00	219.35 20.87 0.00	123.95 12.18 -2.84	124.76 11.40 -21.09	95.50 10.35 4.15	93.66 7.38 -21.66	100.84 8.28 -20.25	101.59 4.74 -57.23	138.80 5.22 -92.92	197.30 5.25 -151.32	235.38 7.12 -165.37	274.33 15.33 -132.31	149.05 8.79 -70.00	137.01 14.69 -1.21	140.02 9.41 -48.50	131.31 7.50 -59.35	128.98 8.80 -41.09
KEDC_GLWD_GT4 24219	86.99 7.91 -0.01	84.29 7.68 -0.01	88.18 7.68 -0.01	92.77 8.06 0.00	114.49 9.84 0.00	184.01 15.56 0.00	181.59 14.93 0.00	220.24 19.38 -0.01	217.27 18.79 -0.01	123.70 11.56 -3.21	135.25 10.28 -32.69	119.25 9.88 -20.06	139.66 7.18 -67.85	122.26 8.13 -41.81	121.36 4.48 -77.25	152.82 4.53 -107.64	204.33 4.31 -159.28	234.54 6.28 -165.37	271.83 12.83 -132.31	147.41 7.15 -70.00	134.74 12.42 -1.21	138.87 8.27 -48.50	130.12 6.30 -59.35	127.69 7.51 -41.09
KEDC_GLWD_GT5 24220	86.99 7.91 -0.01	84.29 7.68 -0.01	88.18 7.68 -0.01	92.77 8.06 0.00	114.49 9.84 0.00	184.01 15.56 0.00	181.59 14.93 0.00	220.24 19.38 -0.01	217.27 18.79 -0.01	123.70 11.56 -3.21	135.25 10.28 -32.69	119.25 9.88 -20.06	139.66 7.18 -67.85	122.26 8.13 -41.81	121.36 4.48 -77.25	152.82 4.53 -107.64	204.33 4.31 -159.28	234.54 6.28 -165.37	271.83 12.83 -132.31	147.41 7.15 -70.00	134.74 12.42 -1.21	138.87 8.27 -48.50	130.12 6.30 -59.35	127.69 7.51 -41.09

KENSICO____ 23655	85.77 6.70 0.00	83.17 6.56 0.00	87.17 6.67 0.00	91.63 6.93 0.00	112.91 8.27 0.00	181.71 13.26 0.00	180.56 13.90 0.00	218.38 17.52 0.00	215.32 16.84 0.00	121.75 10.10 -2.72	118.37 8.85 -17.25	101.85 8.45 -4.09	108.09 6.14 -37.33	106.84 6.98 -27.54	107.37 3.80 -63.94	132.51 3.94 -87.91	192.92 3.88 -148.31	233.65 5.87 -164.88	270.40 11.81 -131.90	146.22 6.37 -69.58	133.15 10.83 -1.21	137.62 7.12 -48.40	129.07 5.37 -59.23	126.50 6.41 -41.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	87.48 8.41 0.00	84.77 8.16 0.00	88.83 8.34 0.00	93.47 8.76 0.00	115.28 10.64 0.00	185.92 17.47 0.00	185.43 18.77 0.00	224.45 23.58 0.00	220.90 22.42 0.00	123.36 12.38 -2.06	115.47 10.13 -13.05	102.17 9.77 -3.09	100.13 7.25 -28.26	103.65 8.24 -23.09	105.46 4.66 -61.18	125.68 4.94 -80.08	171.09 5.06 -125.30	207.71 7.85 -136.97	249.67 15.04 -107.94	144.51 8.02 -66.22	135.95 13.58 -1.26	137.14 8.98 -46.06	127.54 6.71 -56.36	125.96 7.85 -39.02
KIAC_JFK_GT1 23816	85.40 6.32 0.00	82.87 6.26 0.00	87.07 6.58 0.00	91.43 6.73 0.00	112.47 7.83 0.00	180.96 12.51 0.00	180.10 13.44 0.00	217.79 16.93 0.00	214.91 16.43 0.00	121.58 9.93 -2.73	118.62 9.04 -17.30	102.21 8.80 -4.10	108.29 6.22 -37.44	107.00 7.08 -27.61	107.52 3.83 -64.06	132.61 3.85 -88.10	193.05 3.63 -148.68	233.73 5.52 -165.32	270.11 11.16 -132.27	146.03 6.05 -69.71	132.56 10.24 -1.21	137.39 6.80 -48.49	128.99 5.18 -59.34	126.27 6.10 -41.08
KIAC_JFK_GT2 23817	85.40 6.32 0.00	82.87 6.26 0.00	87.07 6.58 0.00	91.43 6.73 0.00	112.47 7.83 0.00	180.96 12.51 0.00	180.10 13.44 0.00	217.79 16.93 0.00	214.91 16.43 0.00	121.58 9.93 -2.73	118.62 9.04 -17.30	102.21 8.80 -4.10	108.29 6.22 -37.44	107.00 7.08 -27.61	107.52 3.83 -64.06	132.61 3.85 -88.10	193.05 3.63 -148.68	233.73 5.52 -165.32	270.11 11.16 -132.27	146.03 6.05 -69.71	132.56 10.24 -1.21	137.39 6.80 -48.49	128.99 5.18 -59.34	126.27 6.10 -41.08
KIAC_JFK____ 323774	85.40 6.32 0.00	82.87 6.26 0.00	87.07 6.58 0.00	91.42 6.71 0.00	112.50 7.86 0.00	180.97 12.52 0.00	180.10 13.44 0.00	217.77 16.91 0.00	214.89 16.41 0.00	121.57 9.91 -2.73	118.59 9.02 -17.30	102.22 8.82 -4.10	108.27 6.21 -37.44	107.01 7.09 -27.61	107.52 3.83 -64.06	132.61 3.85 -88.10	193.05 3.64 -148.68	233.71 5.51 -165.32	270.09 11.14 -132.27	146.02 6.04 -69.71	132.56 10.24 -1.21	137.39 6.79 -48.49	128.99 5.18 -59.34	126.28 6.11 -41.08
KINTIGH____ 23543	73.67 -5.40 0.00	71.53 -5.08 0.00	75.79 -4.70 0.00	80.02 -4.68 0.00	98.61 -6.03 0.00	158.58 -9.87 0.00	156.66 -9.99 0.00	184.83 -16.03 0.00	183.35 -15.13 0.00	101.78 -7.25 -0.10	86.60 -6.31 -0.63	83.05 -6.40 -0.15	61.60 -4.38 -1.36	69.01 -5.43 -2.13	46.55 -2.60 -9.53	48.77 -2.63 -10.74	48.89 -2.98 -11.13	64.42 -4.52 -6.05	118.82 -9.60 -1.72	68.48 -5.59 -3.81	100.13 -9.27 11.71	64.81 -6.32 10.97	65.76 -4.71 -6.00	79.88 -5.11 -5.90
KNTFSRNC_46_KV_46KV_LOAD 80397	78.02 -1.05 0.00	75.38 -1.23 0.00	79.20 -1.29 0.00	83.38 -1.33 0.00	103.31 -1.32 0.00	166.79 -1.66 0.00	164.41 -2.25 0.00	199.02 -1.84 0.00	195.91 -2.56 0.00	107.07 -1.86 0.00	90.66 -1.62 0.00	88.00 -1.31 0.00	63.55 -1.07 0.00	71.41 -0.90 0.00	38.73 -0.90 0.00	39.71 -0.95 0.00	39.91 -0.82 0.00	61.49 -1.40 0.00	124.45 -2.24 0.00	69.23 -1.04 0.00	119.74 -1.37 0.00	81.41 -0.70 0.00	64.21 -0.26 0.00	78.79 -0.30 0.00
LACHUTE__HYDRO 323717	86.87 7.80 0.00	84.03 7.42 0.00	88.21 7.72 0.00	92.92 8.21 0.00	115.22 10.58 0.00	186.92 18.46 0.00	184.33 17.68 0.00	226.22 25.36 0.00	221.79 23.32 0.00	119.88 11.09 0.14	100.79 9.39 0.88	97.21 8.11 0.21	68.63 5.91 1.91	94.26 7.76 -14.19	130.86 4.53 -86.70	135.70 5.44 -89.61	129.83 5.36 -83.74	154.26 8.20 -83.16	213.13 16.30 -70.14	169.03 9.20 -89.57	141.48 15.87 -4.50	154.47 10.07 -62.30	148.03 7.32 -76.23	140.18 8.31 -52.78
LAWRNCV_115KV_TB1 80681	77.32 -1.75 0.00	74.47 -2.14 0.00	78.39 -2.11 0.00	82.40 -2.31 0.00	101.57 -3.07 0.00	162.39 -6.07 0.00	157.79 -8.87 0.00	192.27 -8.59 0.00	191.38 -7.09 0.00	102.83 -6.10 0.00	86.98 -5.30 0.00	84.44 -4.87 0.00	61.03 -3.59 0.00	68.64 -3.67 0.00	36.93 -2.70 0.00	37.75 -2.91 0.00	37.96 -2.78 0.00	59.01 -3.88 0.00	119.26 -7.43 0.00	66.09 -4.18 0.00	114.81 -6.30 0.00	79.05 -3.05 0.00	62.32 -2.15 0.00	76.78 -2.31 0.00
LEDERLE____ 23769	85.32 6.25 0.00	82.73 6.12 0.00	86.57 6.08 0.00	91.03 6.33 0.00	112.15 7.51 0.00	180.59 12.14 0.00	179.64 12.98 0.00	217.11 16.25 0.00	213.84 15.36 0.00	120.79 9.32 -2.54	116.49 8.14 -16.07	100.89 7.77 -3.81	105.11 5.70 -34.79	104.77 6.49 -25.97	104.51 3.54 -61.34	128.08 3.66 -83.77	184.33 3.63 -139.97	223.59 5.48 -155.22	261.35 10.97 -123.69	142.92 5.98 -66.68	132.38 10.11 -1.16	135.18 6.70 -46.38	126.28 5.05 -56.76	124.32 5.94 -39.30
LIGHTHSE_115KV_TB6 355974	77.36 -1.71 0.00	74.84 -1.77 0.00	78.96 -1.53 0.00	83.24 -1.46 0.00	102.86 -1.78 0.00	165.77 -2.69 0.00	165.27 -1.39 0.00	198.44 -2.42 0.00	196.16 -2.31 0.00	107.73 -1.20 0.00	91.13 -1.15 0.00	87.78 -1.54 0.00	63.35 -1.27 0.00	71.55 -1.62 -0.86	43.76 -0.82 -4.95	45.15 -0.68 -5.17	45.16 -0.51 -4.94	66.39 -0.58 -4.08	126.65 -1.15 -1.11	74.60 -0.88 -5.21	119.76 -1.37 -0.02	84.85 -0.88 -3.63	68.04 -0.87 -4.44	80.89 -1.27 -3.07
LINDEN COGEN____ 23786	85.67 6.60 0.00	83.10 6.49 0.00	87.09 6.60 0.00	91.53 6.82 0.00	112.77 8.13 0.00	181.62 13.17 0.00	180.49 13.84 0.00	218.26 17.40 0.00	215.29 16.81 0.00	121.88 10.22 -2.73	118.54 8.96 -17.30	101.96 8.55 -4.10	108.25 6.19 -37.44	106.94 7.02 -27.61	107.46 3.77 -64.06	132.63 3.88 -88.10	193.21 3.80 -148.68	233.48 5.70 -164.88	270.35 11.39 -132.27	146.21 6.23 -69.71	132.85 10.53 -1.21	137.45 6.86 -48.49	128.96 5.16 -59.34	126.37 6.20 -41.08
LINDHRST_69_KV_BK1 356055	88.53 9.45 -0.01	85.62 9.01 0.00	89.36 8.86 0.00	94.16 9.45 0.00	116.41 11.77 0.00	187.02 18.56 0.00	185.45 18.79 0.00	225.39 24.53 0.00	220.58 22.10 0.00	124.80 12.91 -2.97	129.27 11.94 -25.06	104.40 10.80 -4.28	109.87 7.80 -37.45	108.77 8.84 -27.62	108.69 4.99 -64.07	144.00 5.40 -97.95	200.05 5.27 -154.04	235.68 7.42 -165.37	274.67 15.67 -132.31	149.09 8.83 -69.99	137.06 14.74 -1.21	140.12 9.52 -48.50	131.32 7.51 -59.35	129.00 8.82 -41.09
LIPA_MISC_IPP 23656	88.01 8.93 0.00	85.01 8.41 0.00	88.69 8.20 0.00	93.51 8.80 0.00	115.75 11.11 0.00	185.83 17.37 0.00	183.73 17.07 0.00	223.01 22.15 0.00	217.57 19.10 0.00	122.81 11.04 -2.84	123.92 10.67 -20.97	94.43 9.53 4.41	92.61 6.82 -21.17	99.99 7.66 -20.02	101.07 4.43 -57.02	138.37 4.95 -92.77	196.94 4.97 -151.24	234.99 6.73 -165.37	273.43 14.43 -132.31	148.71 8.45 -69.99	136.36 14.04 -1.21	139.48 8.88 -48.50	130.91 7.09 -59.35	128.49 8.31 -41.09
LISF__SOLAR 323691	88.17 9.09 0.00	85.17 8.56 0.00	88.87 8.37 0.00	93.69 8.99 0.00	116.01 11.36 0.00	186.19 17.74 0.00	184.10 17.45 0.00	223.50 22.64 0.00	217.93 19.46 0.00	122.98 11.20 -2.84	124.06 10.77 -21.01	94.61 9.61 4.31	92.83 6.85 -21.36	100.15 7.73 -20.11	101.21 4.48 -57.10	138.52 5.03 -92.83	197.08 5.08 -151.27	235.16 6.90 -165.37	273.76 14.76 -132.31	148.91 8.65 -70.00	136.70 14.37 -1.21	139.71 9.11 -48.50	131.06 7.25 -59.35	128.68 8.50 -41.09

LITTLE FALLS___HYD 24013	82.76 3.69 0.00	80.15 3.54 0.00	84.00 3.51 0.00	88.16 3.46 0.00	108.80 4.16 0.00	175.68 7.22 0.00	174.24 7.59 0.00	211.01 10.15 0.00	207.52 9.04 0.00	113.20 4.27 0.00	95.87 3.60 0.00	92.37 3.06 0.00	67.21 2.59 0.00	75.34 3.03 0.00	41.36 1.73 0.00	42.76 2.10 0.00	42.99 2.25 0.00	66.62 3.73 0.00	134.21 7.52 0.00	74.42 4.16 0.00	128.09 6.99 0.00	86.98 4.88 0.00	68.22 3.75 0.00	83.42 4.32 0.00
LITTLRIV_115KV_TB1 356100	78.22 -0.86 0.00	75.33 -1.28 0.00	79.30 -1.19 0.00	83.36 -1.35 0.00	102.71 -1.92 0.00	164.11 -4.34 0.00	159.66 -7.00 0.00	194.54 -6.32 0.00	193.65 -4.83 0.00	104.01 -4.92 0.00	87.70 -4.58 0.00	84.85 -4.46 0.00	61.30 -3.33 0.00	68.98 -3.33 0.00	37.19 -2.44 0.00	38.06 -2.60 0.00	38.33 -2.40 0.00	59.77 -3.12 0.00	120.78 -5.91 0.00	66.89 -3.37 0.00	116.14 -4.97 0.00	79.89 -2.22 0.00	63.00 -1.46 0.00	77.64 -1.46 0.00
LI_NEWBRDGE___DRP 323616	87.03 7.96 0.00	84.25 7.64 0.01	87.98 7.49 0.00	92.68 7.97 0.00	114.47 9.83 -0.01	183.79 15.34 0.00	182.25 15.59 0.00	221.27 20.41 0.01	217.00 18.53 0.01	122.86 11.17 -2.76	121.12 10.44 -18.40	89.11 9.56 9.77	82.51 6.92 -10.97	95.37 7.80 -15.26	96.59 4.36 -52.59	134.74 4.57 -89.52	194.64 4.42 -149.48	234.48 6.22 -165.37	272.03 13.03 -132.31	147.52 7.27 -69.99	134.49 12.16 -1.21	138.48 7.88 -48.50	130.02 6.20 -59.35	127.55 7.37 -41.09
LOCKPORT_115KV_TB60_63_64 80432	72.44 -6.63 0.00	70.37 -6.24 0.00	74.74 -5.75 0.00	79.00 -5.71 0.00	97.24 -7.40 0.00	156.31 -12.14 0.00	154.26 -12.40 0.00	180.97 -19.89 0.00	179.76 -18.71 0.00	100.05 -8.99 -0.11	85.04 -7.92 -0.68	81.47 -8.00 -0.16	60.52 -5.58 -1.48	67.68 -6.93 -2.30	46.55 -3.43 -10.35	48.87 -3.45 -11.67	48.90 -3.80 -11.96	63.48 -5.37 -5.96	116.45 -11.55 -1.30	67.07 -6.72 -3.53	96.47 -10.75 13.89	61.20 -7.21 13.70	64.87 -5.86 -6.26	79.04 -6.46 -6.41
LOCKPORT___CC1 323769	72.14 -6.93 0.00	70.06 -6.55 0.00	74.45 -6.04 0.00	78.73 -5.98 0.00	96.72 -7.92 0.00	155.67 -12.78 0.00	153.71 -12.95 0.00	180.35 -20.51 0.00	179.16 -19.32 0.00	99.78 -9.26 -0.11	84.83 -8.14 -0.69	81.20 -8.27 -0.16	60.42 -5.69 -1.49	67.49 -7.14 -2.32	46.50 -3.56 -10.43	48.82 -3.60 -11.76	48.83 -3.95 -12.04	63.20 -5.63 -5.94	115.80 -12.14 -1.25	66.67 -7.08 -3.49	95.66 -11.32 14.13	60.40 -7.70 14.00	64.69 -6.06 -6.28	78.87 -6.68 -6.46
LOCKPORT___CC2 323770	72.14 -6.93 0.00	70.06 -6.55 0.00	74.45 -6.04 0.00	78.73 -5.98 0.00	96.72 -7.92 0.00	155.67 -12.78 0.00	153.71 -12.95 0.00	180.35 -20.51 0.00	179.16 -19.32 0.00	99.78 -9.26 -0.11	84.83 -8.14 -0.69	81.20 -8.27 -0.16	60.42 -5.69 -1.49	67.49 -7.14 -2.32	46.50 -3.56 -10.43	48.82 -3.60 -11.76	48.83 -3.95 -12.04	63.20 -5.63 -5.94	115.80 -12.14 -1.25	66.67 -7.08 -3.49	95.66 -11.32 14.13	60.40 -7.70 14.00	64.69 -6.06 -6.28	78.87 -6.68 -6.46
LOCKPORT___CC3 323771	72.14 -6.93 0.00	70.06 -6.55 0.00	74.45 -6.04 0.00	78.73 -5.98 0.00	96.72 -7.92 0.00	155.67 -12.78 0.00	153.71 -12.95 0.00	180.35 -20.51 0.00	179.16 -19.32 0.00	99.78 -9.26 -0.11	84.83 -8.14 -0.69	81.20 -8.27 -0.16	60.42 -5.69 -1.49	67.49 -7.14 -2.32	46.50 -3.56 -10.43	48.82 -3.60 -11.76	48.83 -3.95 -12.04	63.20 -5.63 -5.94	115.80 -12.14 -1.25	66.67 -7.08 -3.49	95.66 -11.32 14.13	60.40 -7.70 14.00	64.69 -6.06 -6.28	78.87 -6.68 -6.46
LONG_LAKE_PHOENIX 24014	76.91 -2.16 0.00	74.54 -2.07 0.00	78.39 -2.11 0.00	82.56 -2.15 0.00	101.95 -2.69 0.00	164.35 -4.10 0.00	163.08 -3.58 0.00	196.13 -4.73 0.00	193.83 -4.65 0.00	106.69 -2.24 0.00	90.26 -2.02 0.00	87.24 -2.07 0.00	63.15 -1.47 0.00	71.45 -1.77 -0.92	44.12 -0.79 -5.28	45.39 -0.79 -5.53	45.26 -0.75 -5.27	66.05 -1.20 -4.36	125.25 -2.62 -1.18	74.31 -1.53 -5.57	118.40 -2.73 -0.02	84.01 -1.97 -3.88	67.58 -1.63 -4.74	80.32 -2.06 -3.28
LOVETT___3 23632	84.87 5.80 0.00	82.30 5.69 0.00	86.12 5.63 0.00	90.55 5.84 0.00	111.53 6.89 0.00	179.52 11.07 0.00	178.54 11.88 0.00	215.73 14.87 0.00	212.49 14.01 0.00	120.09 8.61 -2.55	115.97 7.52 -16.17	100.35 7.20 -3.83	104.89 5.27 -35.00	104.40 5.99 -26.10	104.46 3.27 -61.56	128.16 3.39 -84.11	184.75 3.34 -140.67	223.95 5.03 -156.03	261.15 10.08 -124.38	142.66 5.47 -66.92	131.54 9.27 -1.17	134.79 6.14 -46.55	126.06 4.64 -56.96	123.97 5.44 -39.44
LOVETT___4 23642	84.87 5.80 0.00	82.30 5.69 0.00	86.12 5.63 0.00	90.55 5.84 0.00	111.53 6.89 0.00	179.52 11.07 0.00	178.54 11.88 0.00	215.73 14.87 0.00	212.49 14.01 0.00	120.09 8.61 -2.55	115.97 7.52 -16.17	100.35 7.20 -3.83	104.89 5.27 -35.00	104.40 5.99 -26.10	104.46 3.27 -61.56	128.16 3.39 -84.11	184.75 3.34 -140.67	223.95 5.03 -156.03	261.15 10.08 -124.38	142.66 5.47 -66.92	131.54 9.27 -1.17	134.79 6.14 -46.55	126.06 4.64 -56.96	123.97 5.44 -39.44
LOVETT___5 23593	84.87 5.80 0.00	82.30 5.69 0.00	86.12 5.63 0.00	90.55 5.84 0.00	111.53 6.89 0.00	179.52 11.07 0.00	178.54 11.88 0.00	215.73 14.87 0.00	212.49 14.01 0.00	120.09 8.61 -2.55	115.97 7.52 -16.17	100.35 7.20 -3.83	104.89 5.27 -35.00	104.40 5.99 -26.10	104.46 3.27 -61.56	128.16 3.39 -84.11	184.75 3.34 -140.67	223.95 5.03 -156.03	261.15 10.08 -124.38	142.66 5.47 -66.92	131.54 9.27 -1.17	134.79 6.14 -46.55	126.06 4.64 -56.96	123.97 5.44 -39.44
LOWER RAQUET___HYD 24057	77.25 -1.82 0.00	74.39 -2.22 0.00	78.33 -2.16 0.00	82.34 -2.37 0.00	101.45 -3.18 0.00	162.01 -6.44 0.00	157.28 -9.38 0.00	191.71 -9.15 0.00	190.79 -7.69 0.00	102.54 -6.39 0.00	86.82 -5.46 0.00	84.23 -5.08 0.00	60.84 -3.79 0.00	68.41 -3.90 0.00	36.81 -2.82 0.00	37.60 -3.05 0.00	37.83 -2.91 0.00	58.85 -4.04 0.00	118.95 -7.74 0.00	65.94 -4.33 0.00	114.54 -6.57 0.00	79.01 -3.10 0.00	62.35 -2.12 0.00	76.84 -2.25 0.00
LOWER___HUDSON 24059	83.68 4.61 0.00	81.12 4.51 0.00	85.13 4.64 0.00	89.57 4.87 0.00	110.66 6.03 0.00	177.81 9.36 0.00	175.41 8.76 0.00	212.33 11.46 0.00	209.49 11.02 0.00	114.71 5.85 0.07	97.01 5.17 0.44	93.99 4.78 0.10	67.19 3.52 0.95	90.94 4.30 -14.33	127.16 2.44 -85.09	131.63 2.51 -88.46	127.26 2.49 -84.04	148.53 3.76 -81.88	198.57 7.61 -64.27	162.31 4.24 -87.80	132.23 7.25 -3.87	148.07 4.90 -61.07	143.02 3.82 -74.73	135.45 4.62 -51.74
LOWVILLE_115KV_TB2 356335	79.32 0.25 0.00	76.08 -0.53 0.00	80.71 0.22 0.00	85.29 0.58 0.00	105.70 1.07 0.00	169.87 1.41 0.00	170.32 3.66 0.00	208.01 7.15 0.00	206.02 7.54 0.00	112.44 3.51 0.00	94.68 2.40 0.00	90.63 1.32 0.00	65.06 0.44 0.00	72.92 0.23 -0.38	41.75 -0.07 -2.19	43.19 0.25 -2.29	43.59 0.67 -2.18	66.29 1.60 -1.81	131.17 3.99 -0.49	74.33 1.76 -2.30	124.95 3.83 -0.01	86.80 3.10 -1.60	68.51 2.09 -1.96	82.59 2.14 -1.36
LUTHERFT_115KV_GLOB_FND_222 355753	84.39 5.32 0.00	81.80 5.19 0.00	85.91 5.42 0.00	90.35 5.64 0.00	111.72 7.08 0.00	179.90 11.45 0.00	177.90 11.24 0.00	215.38 14.52 0.00	212.26 13.78 0.00	115.89 7.09 0.13	97.57 6.12 0.84	94.69 5.58 0.20	67.01 4.20 1.81	91.52 5.00 -14.21	129.07 2.88 -86.55	133.28 3.12 -89.51	127.66 3.14 -83.79	150.86 4.86 -83.11	206.20 9.77 -69.75	165.15 5.47 -89.41	134.85 9.29 -4.45	150.47 6.18 -62.19	145.20 4.64 -76.10	137.28 5.50 -52.69

LUTHERNY_35_KV_BK2 355980	84.42 5.34 0.00	81.86 5.25 0.00	85.94 5.45 0.00	90.33 5.63 0.00	111.75 7.11 0.00	180.02 11.57 0.00	178.06 11.40 0.00	215.50 14.64 0.00	212.51 14.03 0.00	115.93 7.13 0.13	97.56 6.12 0.84	94.72 5.61 0.20	67.05 4.24 1.81	91.58 5.06 -14.21	129.10 2.92 -86.55	133.31 3.14 -89.51	127.70 3.18 -83.79	150.93 4.93 -83.11	206.32 9.89 -69.75	165.22 5.54 -89.41	134.93 9.37 -4.45	150.53 6.24 -62.19	145.25 4.68 -76.10	137.34 5.57 -52.69
LWR___OSWEGATCHIE_HYD 23850	78.01 -1.06 0.00	75.01 -1.60 0.00	79.29 -1.21 0.00	83.54 -1.16 0.00	103.19 -1.45 0.00	165.23 -3.23 0.00	162.97 -3.68 0.00	199.24 -1.62 0.00	197.79 -0.68 0.00	107.16 -1.77 0.00	90.55 -1.73 0.00	87.13 -2.18 0.00	62.65 -1.97 0.00	70.33 -2.25 -0.27	39.55 -1.65 -1.57	40.77 -1.53 -1.65	41.05 -1.25 -1.57	62.85 -1.34 -1.30	124.95 -2.09 -0.35	70.43 -1.49 -1.66	119.41 -1.70 -0.01	83.16 -0.10 -1.15	65.79 -0.09 -1.41	79.91 -0.16 -0.98
LYONS_FALL_HYD 23570	80.28 1.21 0.00	77.31 0.70 0.00	81.73 1.24 0.00	86.25 1.55 0.00	106.79 2.15 0.00	171.89 3.43 0.00	171.77 5.11 0.00	208.76 7.90 0.00	206.56 8.08 0.00	113.05 4.12 0.00	95.40 3.12 0.00	91.61 2.30 0.00	65.93 1.31 0.00	73.97 1.29 -0.37	42.39 0.63 -2.14	43.72 0.83 -2.24	44.01 1.13 -2.13	66.77 2.11 -1.76	131.92 4.75 -0.48	74.81 2.30 -2.25	125.58 4.46 -0.01	86.95 3.28 -1.57	68.67 2.29 -1.92	82.87 2.46 -1.33
MADISON___COUNTY_LFGE 323628	81.60 2.53 0.00	79.11 2.50 0.00	83.24 2.75 0.00	87.68 2.97 0.00	108.61 3.97 0.00	175.37 6.92 0.00	174.52 7.87 0.00	210.51 9.65 0.00	208.08 9.61 0.00	114.30 5.38 0.00	96.67 4.40 0.00	93.25 3.94 0.00	67.27 2.65 0.00	76.00 2.98 -0.71	45.42 1.72 -4.08	46.73 1.81 -4.27	46.72 1.92 -4.07	69.17 2.91 -3.37	133.43 5.82 -0.91	77.64 3.08 -4.30	126.40 5.28 -0.02	88.49 3.40 -2.99	70.57 2.44 -3.66	84.37 2.75 -2.53
MALONE___115KV_TB1 356076	77.97 -1.10 0.00	75.26 -1.35 0.00	79.19 -1.31 0.00	83.39 -1.32 0.00	103.25 -1.39 0.00	166.38 -2.07 0.00	163.62 -3.04 0.00	198.17 -2.70 0.00	196.25 -2.23 0.00	106.67 -2.26 0.00	90.24 -2.04 0.00	87.79 -1.52 0.00	63.40 -1.22 0.00	71.10 -1.21 0.00	38.46 -1.17 0.00	39.44 -1.22 0.00	39.62 -1.11 0.00	61.23 -1.66 0.00	124.10 -2.59 0.00	68.86 -1.40 0.00	119.23 -1.88 0.00	81.32 -0.78 0.00	64.13 -0.34 0.00	78.73 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	83.37 4.30 0.00	80.86 4.25 0.00	84.87 4.38 0.00	89.29 4.59 0.00	110.25 5.61 0.00	177.09 8.64 0.00	174.70 8.04 0.00	210.91 10.05 0.00	208.17 9.69 0.00	114.27 5.49 0.15	96.23 4.91 0.95	93.61 4.52 0.22	65.87 3.30 2.05	90.03 3.94 -13.78	126.49 2.17 -84.70	130.29 2.20 -87.43	123.94 2.23 -80.97	142.72 3.37 -76.46	187.63 6.81 -54.13	161.24 3.68 -87.30	130.84 6.42 -3.31	147.04 4.23 -60.72	142.29 3.52 -74.30	134.90 4.37 -51.44
MAPLE_RIDGE_WT_1 323574	77.70 -1.37 0.00	75.10 -1.51 0.00	78.97 -1.52 0.00	83.08 -1.62 0.00	102.99 -1.65 0.00	165.85 -2.61 0.00	164.37 -2.29 0.00	198.52 -2.34 0.00	196.34 -2.14 0.00	107.38 -1.55 0.00	90.63 -1.65 0.00	87.62 -1.69 0.00	63.25 -1.37 0.00	70.88 -1.43 0.00	38.64 -0.99 0.00	39.64 -1.02 0.00	39.85 -0.88 0.00	61.71 -1.18 0.00	124.61 -2.08 0.00	69.13 -1.13 0.00	119.54 -1.57 0.00	81.20 -0.91 0.00	63.82 -0.65 0.00	78.28 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	77.70 -1.37 0.00	75.10 -1.51 0.00	78.97 -1.52 0.00	83.08 -1.62 0.00	102.99 -1.65 0.00	165.85 -2.61 0.00	164.37 -2.29 0.00	198.52 -2.34 0.00	196.34 -2.14 0.00	107.38 -1.55 0.00	90.63 -1.65 0.00	87.62 -1.69 0.00	63.25 -1.37 0.00	70.88 -1.43 0.00	38.64 -0.99 0.00	39.64 -1.02 0.00	39.85 -0.88 0.00	61.71 -1.18 0.00	124.61 -2.08 0.00	69.13 -1.13 0.00	119.54 -1.57 0.00	81.20 -0.91 0.00	63.82 -0.65 0.00	78.28 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	76.53 -2.54 0.00	73.93 -2.68 0.00	77.68 -2.81 0.00	81.82 -2.89 0.00	101.46 -3.18 0.00	163.92 -4.54 0.00	161.44 -5.22 0.00	195.17 -5.69 0.00	192.75 -5.73 0.00	105.10 -3.83 0.00	88.95 -3.33 0.00	86.47 -2.84 0.00	62.48 -2.14 0.00	70.08 -2.22 0.00	38.04 -1.59 0.00	38.98 -1.68 0.00	39.14 -1.60 0.00	60.19 -2.70 0.00	121.96 -4.74 0.00	67.91 -2.36 0.00	117.44 -3.67 0.00	79.94 -2.17 0.00	63.05 -1.42 0.00	77.44 -1.65 0.00
MARSHVLE_115KV_TB1 80742	82.69 3.61 0.00	80.07 3.46 0.00	83.99 3.50 0.00	88.58 3.88 0.00	109.68 5.04 0.00	177.44 8.99 0.00	176.84 10.18 0.00	212.97 12.11 0.00	209.39 10.91 0.00	113.92 5.09 0.09	95.23 3.55 0.59	92.33 3.16 0.14	66.04 2.70 1.28	91.41 2.88 -16.22	138.13 1.71 -96.80	143.23 2.05 -100.53	138.16 2.31 -95.11	158.85 3.95 -92.01	204.25 8.00 -69.56	175.01 4.45 -100.30	133.04 7.72 -4.21	157.10 5.23 -69.76	153.59 3.75 -85.37	142.59 4.40 -59.10
MARSH_HILL_WT_PWR 323713	72.84 -6.23 0.00	70.99 -5.62 0.00	75.21 -5.27 0.00	80.40 -4.30 0.00	100.31 -4.33 0.00	163.37 -5.08 0.00	162.63 -4.03 0.00	191.77 -9.09 0.00	189.08 -9.39 0.00	104.14 -4.95 -0.15	88.84 -4.41 -0.97	85.82 -3.72 -0.23	64.71 -2.01 -2.09	72.28 -2.98 -2.95	52.61 -1.29 -14.26	55.23 -1.53 -16.10	52.87 -1.73 -13.86	57.41 -2.58 2.90	112.34 -5.49 8.86	60.99 -3.15 6.12	75.27 -5.80 40.05	26.41 -5.20 50.49	63.98 -4.61 -4.13	82.23 -5.65 -8.80
MCINTYRE_115KV_TB2 80467	78.71 -0.36 0.00	75.84 -0.78 0.00	79.79 -0.70 0.00	83.87 -0.84 0.00	103.52 -1.12 0.00	165.78 -2.67 0.00	161.70 -4.95 0.00	196.78 -4.08 0.00	195.92 -2.56 0.00	105.12 -3.81 0.00	88.38 -3.89 0.00	85.36 -3.95 0.00	61.70 -2.93 0.00	69.45 -2.86 0.00	37.49 -2.13 0.00	38.46 -2.20 0.00	38.77 -1.96 0.00	60.53 -2.36 0.00	122.23 -4.46 0.00	67.70 -2.56 0.00	117.45 -3.66 0.00	80.54 -1.57 0.00	63.37 -1.10 0.00	78.00 -1.10 0.00
MECO_____69_KV_BK1 80468	84.58 5.51 0.00	81.90 5.29 0.00	85.93 5.44 0.00	90.56 5.85 0.00	112.11 7.47 0.00	181.25 12.79 0.00	180.51 13.85 0.00	218.01 17.15 0.00	213.68 15.20 0.00	115.86 7.06 0.13	96.12 4.66 0.82	92.66 3.55 0.19	66.40 3.56 1.78	91.70 4.00 -15.39	135.51 2.61 -93.27	140.26 3.05 -96.55	134.72 3.41 -90.57	157.28 5.66 -88.73	208.99 11.45 -70.85	173.19 6.37 -96.56	136.49 10.92 -4.46	156.47 7.21 -67.16	151.87 5.22 -82.19	142.09 6.10 -56.90
MENANDS___115KV_TB5 355628	83.01 3.93 0.00	80.52 3.91 0.00	84.53 4.04 0.00	88.96 4.25 0.00	109.81 5.17 0.00	176.23 7.78 0.00	173.76 7.10 0.00	209.61 8.75 0.00	206.84 8.36 0.00	113.69 4.92 0.16	95.75 4.49 1.02	93.27 4.20 0.24	65.47 3.05 2.20	89.60 3.61 -13.68	126.07 1.94 -84.50	129.70 1.91 -87.14	123.10 1.94 -80.42	141.53 2.92 -75.72	185.07 5.92 -52.46	160.55 3.18 -87.11	129.92 5.60 -3.21	146.34 3.65 -60.59	141.79 3.18 -74.15	134.46 4.04 -51.33
MG INDUSTRY___DRP 24185	82.53 3.46 0.00	80.04 3.43 0.00	84.05 3.56 0.00	88.45 3.75 0.00	109.24 4.60 0.00	175.45 7.00 0.00	172.97 6.32 0.00	208.31 7.45 0.00	205.29 6.82 0.00	112.72 3.92 0.13	94.96 3.51 0.83	92.26 3.15 0.20	65.17 2.34 1.80	88.54 2.76 -13.47	123.01 1.49 -81.89	127.19 1.52 -85.02	121.19 1.65 -78.81	136.35 2.52 -70.93	170.83 5.11 -39.03	158.26 2.85 -85.15	128.46 5.04 -2.31	144.65 3.32 -59.23	139.73 2.79 -72.48	132.90 3.63 -50.18

MID___OSWEGATCHIE_HYD 23849	78.01 -1.06 0.00	75.01 -1.60 0.00	79.29 -1.21 0.00	83.54 -1.16 0.00	103.19 -1.45 0.00	165.23 -3.23 0.00	162.97 -3.68 0.00	199.24 -1.62 0.00	197.79 -0.68 0.00	107.16 -1.77 0.00	90.55 -1.73 0.00	87.13 -2.18 0.00	62.65 -1.97 0.00	70.33 -2.25 -0.27	39.55 -1.65 -1.57	40.77 -1.53 -1.65	41.05 -1.25 -1.57	62.85 -1.34 -1.30	124.95 -2.09 -0.35	70.43 -1.49 -1.66	119.41 -1.70 -0.01	83.16 -0.10 -1.15	65.79 -0.09 -1.41	79.91 -0.16 -0.98
MID___RAQUETTE_HYD 23851	77.25 -1.82 0.00	74.39 -2.22 0.00	78.33 -2.16 0.00	82.33 -2.37 0.00	101.44 -3.20 0.00	162.01 -6.44 0.00	157.27 -9.38 0.00	191.71 -9.15 0.00	190.79 -7.69 0.00	102.56 -6.37 0.00	86.81 -5.47 0.00	84.22 -5.09 0.00	60.84 -3.79 0.00	68.41 -3.90 0.00	36.81 -2.82 0.00	37.60 -3.06 0.00	37.83 -2.91 0.00	58.86 -4.03 0.00	118.95 -7.74 0.00	65.91 -4.36 0.00	114.53 -6.58 0.00	78.99 -3.12 0.00	62.35 -2.12 0.00	76.84 -2.24 0.00
MILLIKEN___1 23584	80.61 1.54 0.00	78.20 1.59 0.00	82.22 1.73 0.00	86.57 1.86 0.00	107.11 2.47 0.00	173.15 4.70 0.00	172.00 5.35 0.00	207.10 6.24 0.00	204.72 6.25 0.00	113.02 3.94 -0.15	96.00 2.78 -0.95	92.16 2.62 -0.23	68.63 1.93 -2.08	78.10 1.83 -3.96	54.93 1.11 -14.20	57.92 1.24 -16.03	67.67 1.35 -25.59	111.57 2.20 -46.48	169.86 4.25 -38.92	114.66 2.24 -42.15	176.85 3.70 -52.04	172.94 2.19 -88.65	89.82 1.46 -23.89	89.70 1.69 -8.92
MILLIKEN___2 23585	80.61 1.54 0.00	78.20 1.59 0.00	82.22 1.73 0.00	86.57 1.86 0.00	107.11 2.47 0.00	173.15 4.70 0.00	172.00 5.35 0.00	207.10 6.24 0.00	204.72 6.25 0.00	113.02 3.94 -0.15	96.00 2.78 -0.95	92.16 2.62 -0.23	68.63 1.93 -2.08	78.10 1.83 -3.96	54.93 1.11 -14.20	57.92 1.24 -16.03	67.67 1.35 -25.59	111.57 2.20 -46.48	169.86 4.25 -38.92	114.66 2.24 -42.15	176.85 3.70 -52.04	172.94 2.19 -88.65	89.82 1.46 -23.89	89.70 1.69 -8.92
MILLIKEN___DIESEL 23629	80.61 1.54 0.00	78.20 1.59 0.00	82.22 1.73 0.00	86.57 1.86 0.00	107.11 2.47 0.00	173.15 4.70 0.00	172.00 5.35 0.00	207.10 6.24 0.00	204.72 6.25 0.00	113.02 3.94 -0.15	96.00 2.78 -0.95	92.16 2.62 -0.23	68.63 1.93 -2.08	78.10 1.83 -3.96	54.93 1.11 -14.20	57.92 1.24 -16.03	67.67 1.35 -25.59	111.57 2.20 -46.48	169.86 4.25 -38.92	114.66 2.24 -42.15	176.85 3.70 -52.04	172.94 2.19 -88.65	89.82 1.46 -23.89	89.70 1.69 -8.92
MILLSEAT___LFGE 323607	74.82 -4.25 0.00	72.59 -4.02 0.00	76.99 -3.50 0.00	81.34 -3.37 0.00	100.06 -4.58 0.00	161.35 -7.10 0.00	159.79 -6.86 0.00	188.30 -12.56 0.00	186.86 -11.61 0.00	103.77 -5.27 -0.10	87.99 -4.95 -0.66	84.20 -5.27 -0.16	62.54 -3.51 -1.43	69.87 -4.67 -2.23	47.42 -2.21 -10.01	49.77 -2.17 -11.28	49.96 -2.39 -11.61	65.75 -3.13 -5.99	121.11 -7.05 -1.47	69.60 -4.30 -3.64	101.42 -6.69 12.99	64.85 -4.67 12.58	66.83 -3.78 -6.15	81.21 -4.08 -6.20
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	85.57 6.50 0.00	82.97 6.36 0.00	86.96 6.47 0.00	91.44 6.74 0.00	112.65 8.01 0.00	181.30 12.84 0.00	180.15 13.49 0.00	217.85 16.99 0.00	214.72 16.25 0.00	121.41 9.78 -2.71	118.00 8.56 -17.17	101.54 8.17 -4.07	107.72 5.94 -37.16	106.51 6.77 -27.44	107.08 3.68 -63.76	132.11 3.83 -87.63	192.25 3.77 -147.74	232.83 5.71 -164.22	269.49 11.46 -131.34	145.82 6.17 -69.38	132.83 10.51 -1.21	137.28 6.92 -48.26	128.73 5.21 -59.05	126.12 6.18 -40.84
MILLWOOD_13_KV_LOAD 356217	85.69 6.62 0.00	83.09 6.49 0.00	87.11 6.61 0.00	91.55 6.85 0.00	112.80 8.17 0.00	181.59 13.14 0.00	180.46 13.80 0.00	218.22 17.35 0.00	215.12 16.65 0.00	121.59 9.96 -2.71	118.16 8.72 -17.17	101.66 8.29 -4.07	107.83 6.05 -37.16	106.63 6.89 -27.44	107.14 3.75 -63.76	132.18 3.90 -87.63	192.33 3.86 -147.74	232.96 5.84 -164.22	269.76 11.73 -131.34	145.97 6.32 -69.38	133.07 10.75 -1.21	137.44 7.08 -48.26	128.85 5.33 -59.05	126.25 6.31 -40.84
MODEL_CITY_ENERGY 24167	71.82 -7.25 0.00	69.76 -6.86 0.00	74.13 -6.36 0.00	78.38 -6.33 0.00	96.25 -8.39 0.00	154.74 -13.71 0.00	152.53 -14.13 0.00	178.82 -22.03 0.00	177.65 -20.82 0.00	98.92 -10.12 -0.11	84.11 -8.87 -0.70	80.54 -8.94 -0.17	59.93 -6.20 -1.51	66.95 -7.71 -2.34	46.30 -3.88 -10.55	48.62 -3.93 -11.90	48.64 -4.27 -12.17	62.83 -6.03 -5.97	114.93 -12.99 -1.22	66.20 -7.54 -3.48	94.83 -11.91 14.37	59.73 -8.09 14.28	64.35 -6.46 -6.34	78.47 -7.15 -6.53
MODERN_LFGE___ 323580	71.82 -7.25 0.00	69.76 -6.86 0.00	74.13 -6.36 0.00	78.38 -6.33 0.00	96.25 -8.39 0.00	154.74 -13.71 0.00	152.53 -14.13 0.00	178.82 -22.03 0.00	177.65 -20.82 0.00	98.92 -10.12 -0.11	84.11 -8.87 -0.70	80.54 -8.94 -0.17	59.93 -6.20 -1.51	66.95 -7.71 -2.34	46.30 -3.88 -10.55	48.62 -3.93 -11.90	48.64 -4.27 -12.17	62.83 -6.03 -5.97	114.93 -12.99 -1.22	66.20 -7.54 -3.48	94.83 -11.91 14.37	59.73 -8.09 14.28	64.35 -6.46 -6.34	78.47 -7.15 -6.53
MOHAWK_PAPER___DRP 24187	83.37 4.30 0.00	80.86 4.25 0.00	84.87 4.38 0.00	89.29 4.59 0.00	110.25 5.61 0.00	177.09 8.64 0.00	174.70 8.04 0.00	210.91 10.05 0.00	208.17 9.69 0.00	114.27 5.49 0.15	96.23 4.91 0.95	93.61 4.52 0.22	65.87 3.30 2.05	90.03 3.94 -13.78	126.49 2.17 -84.70	130.29 2.20 -87.43	123.94 2.23 -80.97	142.72 3.37 -76.46	187.63 6.81 -54.13	161.24 3.68 -87.30	130.84 6.42 -3.31	147.04 4.23 -60.72	142.29 3.52 -74.30	134.90 4.37 -51.44
MOHICAN___35_KV_115KV_LD 80490	85.11 6.04 0.00	82.41 5.80 0.00	86.55 6.06 0.00	91.06 6.35 0.00	112.70 8.07 0.00	181.84 13.38 0.00	179.71 13.05 0.00	218.37 17.51 0.00	214.98 16.50 0.00	117.07 8.28 0.14	98.50 7.08 0.86	95.48 6.37 0.20	67.52 4.77 1.87	92.31 5.80 -14.20	129.64 3.38 -86.64	134.01 3.78 -89.57	128.31 3.82 -83.76	151.98 5.95 -83.14	208.56 11.89 -69.98	166.44 6.68 -89.50	136.95 11.36 -4.48	151.74 7.38 -62.25	146.06 5.41 -76.18	138.13 6.30 -52.74
MONGAUP___HYD 23641	85.42 6.35 0.00	82.79 6.18 0.00	86.72 6.23 0.00	90.84 6.13 0.00	112.02 7.38 0.00	180.42 11.97 0.00	179.35 12.69 0.00	214.90 14.04 0.00	211.61 13.13 0.00	119.66 8.41 -2.32	114.18 7.19 -14.71	99.32 6.52 -3.49	101.53 5.06 -31.84	102.25 5.79 -24.15	101.18 3.24 -58.31	123.11 3.52 -78.94	174.32 3.29 -130.30	212.12 5.22 -144.01	251.38 10.53 -114.16	139.17 5.62 -63.30	131.88 9.67 -1.10	133.08 6.95 -44.02	123.64 5.30 -53.87	122.64 6.25 -37.30
MONTAUK___DIESEL 23721	86.59 7.52 0.00	83.67 7.06 0.00	87.24 6.75 0.00	92.04 7.34 0.00	114.31 9.67 0.00	183.55 15.10 0.00	179.66 13.00 0.00	217.94 17.08 0.00	215.36 16.89 0.00	121.35 9.59 -2.84	122.53 9.27 -20.98	93.34 8.41 4.38	91.97 6.11 -21.24	99.23 6.87 -20.05	100.72 4.05 -57.04	137.98 4.54 -92.79	196.36 4.38 -151.25	233.44 5.18 -165.37	270.44 11.44 -132.31	148.35 8.09 -69.99	135.56 13.24 -1.21	138.65 8.05 -48.50	130.17 6.35 -59.35	127.82 7.65 -41.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	71.29 -7.78 0.00	69.61 -7.00 0.00	74.26 -6.23 0.00	78.84 -5.86 0.00	98.43 -6.20 0.00	160.29 -8.17 0.00	159.96 -6.70 0.00	189.75 -11.11 0.00	188.63 -9.84 0.00	105.62 -3.44 -0.13	88.75 -4.32 -0.80	83.89 -5.61 -0.19	62.81 -3.54 -1.73	69.99 -4.97 -2.65	49.59 -2.07 -12.03	51.54 -2.70 -13.58	51.42 -2.93 -13.61	64.09 -4.44 -5.63	117.04 -9.94 -0.29	66.73 -6.32 -2.78	91.57 -10.88 18.65	55.14 -7.25 19.71	65.32 -5.89 -6.74	79.80 -6.74 -7.45

MORRIS_RIDGE___SOLAR 323848	73.44 -5.62 0.01	71.50 -5.11 0.00	75.83 -4.66 0.00	80.48 -4.23 0.00	99.70 -4.94 0.00	161.31 -7.15 0.00	159.79 -6.87 0.00	189.15 -11.71 0.00	187.02 -11.46 0.00	103.74 -5.34 -0.15	88.34 -4.87 -0.94	84.93 -4.60 -0.22	63.70 -2.94 -2.02	70.88 -4.42 -2.99	51.29 -2.12 -13.78	54.12 -2.09 -15.55	53.45 -2.27 -14.98	63.22 -3.54 -3.87	116.87 -7.69 2.13	66.44 -4.45 -0.63	87.51 -7.36 26.23	46.61 -5.56 29.94	66.72 -4.42 -6.67	82.47 -5.14 -8.52
MORTIMER_115KV_TB3 55949	76.26 -2.81 0.00	73.98 -2.63 0.00	78.15 -2.34 0.00	82.43 -2.27 0.00	101.70 -2.93 0.00	163.93 -4.52 0.00	162.38 -4.28 0.00	193.09 -7.77 0.00	191.28 -7.19 0.00	105.77 -3.25 -0.09	89.91 -2.93 -0.56	86.31 -3.13 -0.13	63.77 -2.07 -1.22	71.52 -2.72 -1.92	47.03 -1.18 -8.58	49.17 -1.15 -9.66	49.57 -1.33 -10.17	67.08 -1.91 -6.10	124.53 -4.32 -2.16	71.75 -2.61 -4.10	107.52 -4.32 9.27	71.03 -3.11 7.96	67.77 -2.37 -5.67	81.83 -2.58 -5.32
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	86.19 7.11 0.00	83.57 6.97 0.00	87.59 7.10 0.00	92.06 7.35 0.00	113.40 8.76 0.00	182.51 14.06 0.00	181.49 14.83 0.00	219.55 18.69 0.00	216.62 18.14 0.00	122.53 10.87 -2.73	119.13 9.55 -17.30	102.48 9.08 -4.10	108.66 6.59 -37.45	107.40 7.47 -27.62	107.74 4.05 -64.07	132.94 4.18 -88.11	193.55 4.11 -148.70	234.44 6.20 -165.34	271.42 12.44 -132.29	146.74 6.76 -69.72	133.77 11.45 -1.21	138.09 7.49 -48.49	129.45 5.64 -59.34	126.91 6.74 -41.08
MUNSVILLE_WIND_PWR 323609	83.21 4.14 0.00	81.33 4.72 0.00	85.39 4.90 0.00	88.81 4.11 0.00	110.55 5.91 0.00	182.40 13.95 0.00	183.37 16.72 0.00	222.99 22.13 0.00	219.74 21.26 0.00	120.95 11.79 -0.23	101.71 7.98 -1.46	96.99 7.33 -0.34	73.19 5.40 -3.16	84.12 6.43 -5.37	64.70 3.83 -21.25	68.84 4.17 -24.02	77.32 4.72 -31.87	113.18 7.71 -42.59	175.58 15.70 -33.19	114.94 8.54 -36.14	162.36 14.60 -26.66	146.47 9.28 -55.08	95.75 6.57 -24.71	100.02 7.67 -13.26
N SALMON___HYD 24042	77.97 -1.11 0.00	75.26 -1.35 0.00	79.19 -1.31 0.00	83.39 -1.32 0.00	103.25 -1.39 0.00	166.37 -2.08 0.00	163.62 -3.04 0.00	198.17 -2.69 0.00	196.23 -2.24 0.00	106.66 -2.27 0.00	90.24 -2.04 0.00	87.79 -1.52 0.00	63.41 -1.22 0.00	71.10 -1.21 0.00	38.46 -1.17 0.00	39.44 -1.22 0.00	39.62 -1.11 0.00	61.24 -1.65 0.00	124.12 -2.57 0.00	68.89 -1.37 0.00	119.25 -1.86 0.00	81.32 -0.78 0.00	64.12 -0.35 0.00	78.74 -0.35 0.00
N.AKRON__115KV_KNAPP 355671	74.15 -4.93 0.00	71.99 -4.62 0.00	76.36 -4.14 0.00	80.68 -4.03 0.00	99.37 -5.27 0.00	159.98 -8.47 0.00	158.19 -8.46 0.00	186.22 -14.64 0.00	184.76 -13.71 0.00	102.64 -6.39 -0.11	87.12 -5.83 -0.67	83.49 -5.98 -0.16	61.94 -4.13 -1.45	69.30 -5.27 -2.26	47.24 -2.54 -10.14	49.58 -2.51 -11.44	49.69 -2.79 -11.75	65.10 -3.77 -5.98	119.72 -8.37 -1.41	68.89 -4.97 -3.59	99.91 -7.85 13.35	63.75 -5.34 13.02	66.23 -4.43 -6.19	80.59 -4.78 -6.28
N.BELMOR_69_KV_BK1 55787	87.64 8.56 -0.01	84.80 8.18 -0.01	88.58 8.09 -0.01	93.29 8.58 0.00	115.17 10.53 0.00	185.03 16.58 0.00	183.56 16.90 0.00	222.84 21.97 -0.01	218.60 20.11 -0.01	124.21 11.95 -3.33	140.11 11.10 -36.74	128.08 10.18 -28.59	155.96 7.38 -83.95	129.99 8.36 -49.32	128.53 4.67 -84.23	158.32 4.90 -112.76	207.47 4.68 -162.06	234.87 6.62 -165.37	273.03 14.03 -132.31	148.13 7.87 -69.99	135.62 13.30 -1.21	139.21 8.61 -48.50	130.53 6.71 -59.35	128.12 7.94 -41.09
N.E_GEN_SANDY PD 24062	126.66 5.49 -42.10	115.47 5.40 -33.47	129.30 5.53 -43.27	131.40 5.80 -40.90	165.16 7.03 -53.49	190.84 10.76 -11.63	164.79 10.42 12.29	237.82 13.53 -23.44	237.73 12.98 -26.28	120.73 7.36 -4.44	106.23 6.47 -7.48	97.22 6.13 -1.77	85.06 4.45 -15.99	98.43 5.33 -20.79	123.71 2.96 -81.13	135.62 3.01 -91.96	192.31 2.94 -148.63	184.98 4.43 -117.65	219.76 8.97 -84.10	154.77 4.89 -79.61	131.46 8.46 -1.90	154.87 5.77 -67.00	137.31 4.44 -68.40	135.09 5.39 -50.62
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	85.04 5.97 0.00	82.46 5.85 0.00	86.31 5.82 0.00	90.74 6.04 0.00	111.79 7.15 0.00	179.95 11.50 0.00	178.94 12.28 0.00	216.20 15.34 0.00	212.97 14.49 0.00	120.34 8.87 -2.54	116.15 7.76 -16.12	100.54 7.42 -3.82	104.95 5.44 -34.89	104.52 6.17 -26.04	104.45 3.37 -61.45	128.09 3.50 -83.94	184.51 3.46 -140.32	223.73 5.21 -155.62	261.17 10.45 -124.03	142.73 5.67 -66.80	131.84 9.57 -1.16	134.93 6.37 -46.46	126.13 4.80 -56.86	124.09 5.64 -39.37
N.QUEENS_27_KV_LOAD 356247	86.39 7.32 0.00	83.82 7.21 0.00	87.89 7.40 0.00	92.24 7.53 0.00	113.61 8.97 0.00	182.77 14.32 0.00	182.11 15.45 0.00	220.67 19.80 0.00	217.66 19.18 0.00	123.04 11.38 -2.73	119.38 9.80 -17.30	102.72 9.31 -4.11	108.81 6.74 -37.45	107.70 7.77 -27.62	107.90 4.21 -64.07	133.07 4.31 -88.11	193.69 4.26 -148.69	234.65 6.42 -165.33	271.86 12.89 -132.28	147.04 7.05 -69.72	134.17 11.84 -1.21	138.35 7.75 -48.49	129.76 5.95 -59.34	127.22 7.05 -41.08
N.TROY___115KV_TB1 355778	83.68 4.61 0.00	81.12 4.51 0.00	85.13 4.64 0.00	89.58 4.87 0.00	110.66 6.02 0.00	177.81 9.36 0.00	175.42 8.76 0.00	212.33 11.47 0.00	209.50 11.03 0.00	114.72 5.86 0.07	97.01 5.17 0.44	93.99 4.78 0.10	67.19 3.52 0.95	90.95 4.30 -14.33	127.16 2.44 -85.09	131.63 2.51 -88.46	127.26 2.49 -84.04	148.53 3.75 -81.88	198.57 7.61 -64.27	162.32 4.25 -87.80	132.23 7.25 -3.87	148.08 4.91 -61.07	143.02 3.82 -74.73	135.45 4.62 -51.74
NARROWS_GT1_1 24228	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT1_2 24229	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT1_3 24230	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT1_4 24231	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28

NARROWS_GT1_5 24232	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT1_6 24233	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT1_7 24234	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT1_8 24235	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_1 24236	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_2 24237	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_3 24238	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_4 24239	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_5 24240	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_6 24241	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_7 24242	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NARROWS_GT2_8 24243	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	396.36 7.45 -318.65	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	85.11 6.04 0.00	82.50 5.89 0.00	86.68 6.19 0.00	91.31 6.60 0.00	112.83 8.19 0.00	181.24 12.79 0.00	178.98 12.33 0.00	215.88 15.02 0.00	212.73 14.26 0.00	116.34 7.08 -0.33	100.30 5.91 -2.11	95.17 5.37 -0.50	72.97 3.78 -4.57	91.95 3.97 -15.67	120.52 3.33 -77.56	128.23 2.61 -84.96	133.66 3.26 -89.66	154.41 5.19 -86.33	192.65 10.22 -55.75	157.60 5.24 -82.10	132.55 9.20 -2.25	145.17 5.96 -57.10	139.15 4.80 -69.88	133.74 6.27 -48.38
NCHELSEA_115KV_TR2 355582	86.52 7.44 0.00	83.86 7.25 0.00	87.89 7.40 0.00	92.45 7.74 0.00	113.95 9.31 0.00	183.51 15.06 0.00	182.50 15.84 0.00	220.83 19.97 0.00	217.50 19.03 0.00	122.54 11.00 -2.61	118.29 9.46 -16.55	102.31 9.08 -3.92	107.07 6.62 -35.83	106.74 7.56 -26.87	107.65 4.15 -63.87	132.02 4.35 -87.02	189.99 4.36 -144.89	230.19 6.71 -160.59	268.03 13.41 -127.92	146.83 7.16 -69.40	134.46 12.13 -1.23	138.40 8.02 -48.27	129.60 6.06 -59.07	127.19 7.20 -40.90
NEG CAPITAL___MECHNVIL 23645	84.60 5.53 0.00	82.00 5.40 0.00	86.09 5.60 0.00	90.55 5.84 0.00	111.97 7.33 0.00	180.25 11.80 0.00	178.27 11.61 0.00	215.84 14.98 0.00	212.71 14.23 0.00	116.22 7.40 0.11	97.99 6.41 0.69	95.00 5.85 0.16	67.52 4.40 1.50	91.80 5.22 -14.27	128.72 3.00 -86.10	133.09 3.23 -89.21	127.96 3.26 -83.97	150.87 5.04 -82.94	205.25 10.11 -68.45	164.83 5.64 -88.92	134.98 9.58 -4.29	150.31 6.36 -61.85	144.94 4.79 -75.68	137.18 5.70 -52.40

NEG CENTRAL_HIGH_ACRES 23767	75.61 -3.46 0.00	73.34 -3.27 0.00	77.40 -3.09 0.00	81.66 -3.05 0.00	100.69 -3.95 0.00	162.43 -6.02 0.00	161.19 -5.47 0.00	192.25 -8.61 0.00	190.44 -8.04 0.00	105.22 -3.79 -0.09	89.48 -3.34 -0.55	85.88 -3.56 -0.13	63.42 -2.39 -1.19	71.14 -3.08 -1.90	46.59 -1.40 -8.37	48.68 -1.41 -9.43	49.41 -1.52 -10.19	67.43 -2.22 -6.76	123.49 -4.95 -1.75	72.56 -2.99 -5.28	109.39 -5.11 6.61	74.38 -3.65 4.08	67.68 -2.85 -6.06	81.01 -3.27 -5.19
NEG CENTRAL___DRP 24199	78.61 -0.46 0.00	76.26 -0.35 0.00	80.29 -0.20 0.00	84.75 0.04 0.00	104.64 0.00 0.00	168.81 0.36 0.00	167.22 0.57 0.00	200.63 -0.22 0.00	198.29 -0.19 0.00	109.46 0.44 -0.10	92.96 0.05 -0.63	89.57 0.11 -0.15	66.35 0.36 -1.36	74.32 -0.12 -2.13	49.26 0.15 -9.49	51.61 0.26 -10.69	52.23 0.26 -11.24	70.13 0.57 -6.67	129.68 0.64 -2.35	74.98 0.28 -4.43	110.82 0.16 10.44	72.92 -0.08 9.10	70.39 -0.30 -6.23	84.42 -0.54 -5.88
NEG CENTRAL___INDECK 23768	77.99 -1.08 0.00	75.72 -0.89 0.00	80.10 -0.39 0.00	84.75 0.05 0.00	104.85 0.21 0.00	169.83 1.37 0.00	166.23 -0.43 0.00	192.79 -8.07 0.00	191.06 -7.41 0.00	105.54 -3.52 -0.13	89.81 -3.28 -0.81	86.54 -2.96 -0.19	64.89 -1.48 -1.75	72.17 -2.73 -2.58	50.68 -0.94 -11.99	53.33 -0.85 -13.53	52.70 -0.92 -12.89	64.39 -1.30 -2.81	120.08 -4.19 2.42	69.06 -1.23 -0.03	98.80 1.51 23.82	54.17 -0.38 27.56	69.41 -0.65 -5.59	85.81 -0.70 -7.41
NEG CENTRAL___SENECA 23627	78.19 -0.88 0.00	75.88 -0.73 0.00	79.98 -0.52 0.00	84.47 -0.23 0.00	104.19 -0.45 0.00	168.07 -0.39 0.00	166.38 -0.28 0.00	199.14 -1.72 0.00	196.83 -1.64 0.00	108.74 -0.29 -0.11	92.37 -0.60 -0.69	89.04 -0.43 -0.16	66.29 0.18 -1.48	74.08 -0.44 -2.21	49.88 -0.01 -10.26	52.34 0.11 -11.57	51.86 0.11 -11.02	65.71 0.42 -2.40	124.78 0.18 2.09	70.35 0.03 -0.06	100.38 -0.41 20.32	58.22 -0.41 23.48	68.67 -0.60 -4.80	84.45 -0.98 -6.34
NEG CENTRAL___STATE_STREET 24147	79.49 0.42 0.00	77.10 0.49 0.00	81.12 0.62 0.00	85.44 0.73 0.00	105.88 1.24 0.00	170.96 2.51 0.00	169.25 2.60 0.00	203.76 2.90 0.00	201.64 3.16 0.00	111.29 2.26 -0.10	94.17 1.27 -0.62	90.85 1.39 -0.15	67.02 1.04 -1.35	75.41 0.79 -2.30	49.63 0.60 -9.40	51.96 0.71 -10.60	54.77 0.72 -13.32	79.81 1.19 -15.73	139.96 2.13 -11.14	84.68 1.10 -13.31	129.49 1.75 -6.63	99.69 0.92 -16.66	74.68 0.38 -9.83	85.30 0.36 -5.86
NEG MILLWOOD___DRP 24198	86.87 7.80 0.00	84.21 7.60 0.00	88.26 7.77 0.00	92.80 8.10 0.00	114.39 9.75 0.00	184.30 15.85 0.00	183.27 16.61 0.00	221.78 20.92 0.00	218.55 20.07 0.00	123.28 11.64 -2.71	119.47 10.03 -17.16	102.99 9.61 -4.07	108.76 6.98 -37.15	107.83 7.93 -27.58	108.55 4.33 -64.59	133.69 4.53 -88.51	193.85 4.54 -148.58	234.87 6.99 -164.99	272.51 14.09 -131.73	148.02 7.52 -70.24	135.13 12.78 -1.24	139.36 8.40 -48.85	130.57 6.32 -59.78	128.00 7.52 -41.39
NEG NORTH_FLCN_SEA 23793	77.62 -1.46 0.00	74.99 -1.62 0.00	78.78 -1.72 0.00	82.91 -1.80 0.00	102.65 -1.99 0.00	165.48 -2.97 0.00	162.88 -3.78 0.00	197.23 -3.63 0.00	193.75 -4.72 0.00	106.09 -2.84 0.00	89.86 -2.41 0.00	87.15 -2.16 0.00	62.96 -1.66 0.00	70.77 -1.54 0.00	38.42 -1.20 0.00	39.38 -1.27 0.00	39.56 -1.17 0.00	60.85 -2.04 0.00	123.11 -3.58 0.00	68.53 -1.74 0.00	118.54 -2.57 0.00	80.63 -1.47 0.00	63.62 -0.85 0.00	78.06 -1.03 0.00
NEG NORTH_KES_CHATEGAY 23792	76.65 -2.42 0.00	74.06 -2.55 0.00	77.86 -2.63 0.00	82.00 -2.70 0.00	101.71 -2.93 0.00	164.28 -4.17 0.00	161.85 -4.80 0.00	195.53 -5.33 0.00	193.22 -5.25 0.00	105.28 -3.65 0.00	89.09 -3.19 0.00	86.67 -2.64 0.00	62.59 -2.04 0.00	70.18 -2.13 0.00	38.07 -1.55 0.00	39.04 -1.62 0.00	39.22 -1.52 0.00	60.38 -2.51 0.00	122.48 -4.21 0.00	68.08 -2.18 0.00	117.78 -3.32 0.00	80.14 -1.96 0.00	63.21 -1.26 0.00	77.58 -1.51 0.00
NEG NORTH___ALICE_FALLS 23915	78.02 -1.05 0.00	75.38 -1.23 0.00	79.20 -1.29 0.00	83.38 -1.33 0.00	103.31 -1.32 0.00	166.79 -1.66 0.00	164.41 -2.25 0.00	199.02 -1.84 0.00	195.91 -2.56 0.00	107.07 -1.86 0.00	90.66 -1.62 0.00	88.00 -1.31 0.00	63.55 -1.07 0.00	71.41 -0.90 0.00	38.73 -0.90 0.00	39.71 -0.95 0.00	39.91 -0.82 0.00	61.49 -1.40 0.00	124.45 -2.24 0.00	69.23 -1.04 0.00	119.74 -1.37 0.00	81.41 -0.70 0.00	64.21 -0.26 0.00	78.79 -0.30 0.00
NEG NORTH___LWR_SARANAC 23913	78.02 -1.05 0.00	75.38 -1.23 0.00	79.20 -1.29 0.00	83.38 -1.33 0.00	103.31 -1.32 0.00	166.79 -1.66 0.00	164.41 -2.25 0.00	199.02 -1.84 0.00	195.91 -2.56 0.00	107.07 -1.86 0.00	90.66 -1.62 0.00	88.00 -1.31 0.00	63.55 -1.07 0.00	71.41 -0.90 0.00	38.73 -0.90 0.00	39.71 -0.95 0.00	39.91 -0.82 0.00	61.49 -1.40 0.00	124.45 -2.24 0.00	69.23 -1.04 0.00	119.74 -1.37 0.00	81.41 -0.70 0.00	64.21 -0.26 0.00	78.79 -0.30 0.00
NEG NORTH___PLATTSBURG 23628	78.00 -1.07 0.00	75.38 -1.23 0.00	79.20 -1.29 0.00	83.38 -1.33 0.00	103.32 -1.32 0.00	166.79 -1.66 0.00	164.41 -2.25 0.00	199.02 -1.84 0.00	195.91 -2.56 0.00	107.07 -1.86 0.00	90.66 -1.62 0.00	88.01 -1.31 0.00	63.55 -1.07 0.00	71.41 -0.90 0.00	38.73 -0.90 0.00	39.71 -0.95 0.00	39.91 -0.82 0.00	61.49 -1.40 0.00	124.45 -2.24 0.00	69.25 -1.01 0.00	119.76 -1.35 0.00	81.41 -0.70 0.00	64.21 -0.26 0.00	78.79 -0.30 0.00
NEG WEST_LEA_LOCKPORT 23791	72.12 -6.95 0.00	70.07 -6.54 0.00	74.45 -6.04 0.00	78.68 -6.02 0.00	96.86 -7.77 0.00	155.70 -12.75 0.00	153.72 -12.94 0.00	180.32 -20.54 0.00	179.08 -19.39 0.00	99.69 -9.35 -0.11	84.75 -8.22 -0.69	81.20 -8.28 -0.16	60.34 -5.78 -1.49	67.49 -7.14 -2.32	46.52 -3.54 -10.43	48.84 -3.58 -11.76	48.85 -3.93 -12.04	63.20 -5.63 -5.94	115.86 -12.08 -1.25	66.75 -7.00 -3.49	95.72 -11.26 14.13	60.51 -7.60 14.00	64.66 -6.09 -6.28	78.85 -6.70 -6.46
NEG WEST___LANCASTER 23811	73.34 -5.73 0.00	71.23 -5.38 0.00	75.48 -5.01 0.00	79.74 -4.96 0.00	98.35 -6.29 0.00	158.37 -10.08 0.00	156.46 -10.20 0.00	184.81 -16.05 0.00	183.25 -15.23 0.00	102.04 -7.01 -0.13	86.82 -6.26 -0.81	83.27 -6.24 -0.19	62.07 -4.30 -1.75	69.43 -5.59 -2.70	49.06 -2.79 -12.22	51.60 -2.84 -13.79	51.50 -3.16 -13.92	64.52 -4.51 -6.14	118.15 -9.24 -0.70	67.77 -5.73 -3.24	93.89 -9.05 18.16	56.95 -6.31 18.85	66.30 -5.18 -7.01	81.00 -5.66 -7.57
NEG_PENN_ALLEGHNY 23528	79.61 0.54 0.00	77.15 0.54 0.00	81.13 0.64 0.00	85.47 0.76 0.00	105.49 0.85 0.00	170.26 1.81 0.00	168.79 2.13 0.00	202.82 1.97 0.00	200.35 1.88 0.00	111.09 1.92 -0.24	95.06 1.27 -1.51	90.84 1.17 -0.36	68.76 0.86 -3.28	77.98 0.48 -5.19	62.09 0.39 -22.07	66.03 0.44 -24.93	69.67 0.36 -28.57	88.46 0.46 -25.11	142.63 0.88 -15.06	89.87 0.33 -19.27	114.51 0.61 7.20	86.86 0.13 -4.63	82.78 0.14 -18.17	93.02 0.22 -13.71
NEG___GEN_MONROE 24207	76.63 -2.44 0.00	74.32 -2.29 0.00	78.55 -1.95 0.00	82.87 -1.84 0.00	102.21 -2.43 0.00	164.82 -3.63 0.00	163.31 -3.34 0.00	194.03 -6.83 0.00	192.24 -6.24 0.00	106.26 -2.76 -0.09	90.15 -2.70 -0.57	86.46 -2.98 -0.13	63.93 -1.92 -1.23	71.69 -2.57 -1.94	47.21 -1.08 -8.65	49.37 -1.04 -9.75	49.80 -1.18 -10.25	67.42 -1.56 -6.09	125.20 -3.61 -2.13	72.08 -2.26 -4.07	107.96 -3.68 9.47	71.21 -2.68 8.21	68.05 -2.12 -5.70	82.23 -2.23 -5.36

NEPA__ENERGY 23901	72.63 -6.44 0.00	70.64 -5.97 0.00	75.16 -5.33 0.00	79.59 -5.12 0.00	98.53 -6.10 0.00	159.19 -9.26 0.00	157.98 -8.67 0.00	186.60 -14.26 0.00	185.30 -13.18 0.00	103.33 -5.71 -0.12	87.62 -5.43 -0.77	83.44 -6.05 -0.18	62.20 -4.07 -1.66	69.53 -5.33 -2.55	48.65 -2.51 -11.54	50.96 -2.70 -13.01	50.87 -3.00 -13.12	64.32 -4.32 -5.75	117.73 -9.56 -0.60	67.49 -5.80 -3.02	94.26 -9.64 17.21	57.63 -6.59 17.88	65.86 -5.21 -6.61	80.49 -5.74 -7.14
NEVERSINK__HYD 23608	85.25 6.17 0.00	82.60 5.99 0.00	86.55 6.06 0.00	91.07 6.36 0.00	112.37 7.73 0.00	181.14 12.69 0.00	180.49 13.84 0.00	218.37 17.51 0.00	214.96 16.48 0.00	120.15 9.20 -2.02	112.60 7.55 -12.77	99.54 7.20 -3.03	97.64 5.37 -27.65	100.70 6.13 -22.26	101.08 3.45 -58.00	120.69 3.68 -76.36	165.17 3.78 -120.66	200.83 5.86 -132.08	241.99 11.38 -103.92	139.09 6.04 -62.79	132.48 10.21 -1.16	132.49 6.72 -43.67	122.90 5.00 -53.44	121.87 5.78 -37.00
NEWKRMKL_115KV_TB1 55635	82.77 3.70 0.00	80.26 3.65 0.00	84.24 3.75 0.00	88.65 3.95 0.00	109.44 4.80 0.00	175.64 7.19 0.00	173.20 6.54 0.00	208.59 7.73 0.00	205.83 7.36 0.00	113.27 4.54 0.20	95.21 4.21 1.27	92.95 3.94 0.30	64.77 2.90 2.76	88.99 3.26 -13.42	125.78 1.71 -84.43	129.04 1.63 -86.76	121.59 1.76 -79.09	139.01 2.63 -73.49	180.31 5.29 -48.33	160.21 2.82 -87.13	129.31 5.08 -3.12	145.95 3.24 -60.60	141.62 2.99 -74.16	134.31 3.87 -51.34
NEWTON__FALLS_HYD 23847	78.01 -1.06 0.00	75.01 -1.60 0.00	79.29 -1.21 0.00	83.54 -1.16 0.00	103.19 -1.45 0.00	165.23 -3.23 0.00	162.97 -3.68 0.00	199.24 -1.62 0.00	197.79 -0.68 0.00	107.16 -1.77 0.00	90.55 -1.73 0.00	87.13 -2.18 0.00	62.65 -1.97 0.00	70.33 -2.25 -0.27	39.55 -1.65 -1.57	40.77 -1.53 -1.65	41.05 -1.25 -1.57	62.85 -1.34 -1.30	124.95 -2.09 -0.35	70.43 -1.49 -1.66	119.41 -1.70 -0.01	83.16 -0.10 -1.15	65.79 -0.09 -1.41	79.91 -0.16 -0.98
NGRID_A1_DSASP 323792	71.36 -7.71 0.00	69.33 -7.28 0.00	73.67 -6.82 0.00	77.91 -6.79 0.00	95.62 -9.02 0.00	153.75 -14.70 0.00	152.00 -14.66 0.00	178.04 -22.82 0.00	176.92 -21.55 0.00	98.49 -10.55 -0.11	83.77 -9.21 -0.70	80.23 -9.25 -0.17	59.81 -6.33 -1.52	66.77 -7.89 -2.36	46.30 -3.94 -10.62	48.63 -4.00 -11.97	48.56 -4.42 -12.24	62.42 -6.46 -5.99	114.12 -13.79 -1.22	65.77 -7.98 -3.49	93.63 -12.98 14.50	58.94 -8.74 14.43	64.22 -6.62 -6.37	78.64 -7.02 -6.58
NGRID_A2_DSASP 323793	71.36 -7.71 0.00	69.33 -7.28 0.00	73.67 -6.82 0.00	77.91 -6.79 0.00	95.62 -9.02 0.00	153.75 -14.70 0.00	152.00 -14.66 0.00	178.04 -22.82 0.00	176.92 -21.55 0.00	98.49 -10.55 -0.11	83.77 -9.21 -0.70	80.23 -9.25 -0.17	59.81 -6.33 -1.52	66.77 -7.89 -2.36	46.30 -3.94 -10.62	48.63 -4.00 -11.97	48.56 -4.42 -12.24	62.42 -6.46 -5.99	114.12 -13.79 -1.22	65.77 -7.98 -3.49	93.63 -12.98 14.50	58.94 -8.74 14.43	64.22 -6.62 -6.37	78.64 -7.02 -6.58
NGRID_A4_DSASP 323807	71.36 -7.71 0.00	69.33 -7.28 0.00	73.67 -6.82 0.00	77.91 -6.79 0.00	95.62 -9.02 0.00	153.75 -14.70 0.00	152.00 -14.66 0.00	178.04 -22.82 0.00	176.92 -21.55 0.00	98.49 -10.55 -0.11	83.77 -9.21 -0.70	80.23 -9.25 -0.17	59.81 -6.33 -1.52	66.77 -7.89 -2.36	46.30 -3.94 -10.62	48.63 -4.00 -11.97	48.56 -4.42 -12.24	62.42 -6.46 -5.99	114.12 -13.79 -1.22	65.77 -7.98 -3.49	93.63 -12.98 14.50	58.94 -8.74 14.43	64.22 -6.62 -6.37	78.64 -7.02 -6.58
NIAGARA_115E_LBMP 323715	71.46 -7.61 0.00	69.40 -7.21 0.00	73.75 -6.75 0.00	77.99 -6.72 0.00	95.75 -8.89 0.00	153.86 -14.60 0.00	151.51 -15.15 0.00	177.45 -23.41 0.00	176.32 -22.16 0.00	98.19 -10.85 -0.11	83.50 -9.49 -0.70	79.98 -9.49 -0.17	59.51 -6.64 -1.52	66.51 -8.17 -2.36	46.14 -4.14 -10.65	48.45 -4.21 -12.01	48.46 -4.54 -12.27	62.44 -6.43 -5.97	114.08 -13.80 -1.19	65.72 -8.00 -3.46	93.92 -12.58 14.60	59.06 -8.47 14.57	64.01 -6.83 -6.37	78.09 -7.59 -6.59
NIAGARA_115W_LBMP 323714	71.26 -7.82 0.00	69.20 -7.41 0.00	73.54 -6.95 0.00	77.76 -6.94 0.00	95.42 -9.22 0.00	153.45 -15.01 0.00	151.69 -14.97 0.00	177.67 -23.19 0.00	176.52 -21.95 0.00	98.30 -10.74 -0.11	83.62 -9.36 -0.70	80.09 -9.39 -0.17	59.68 -6.46 -1.52	66.64 -8.03 -2.35	46.21 -4.02 -10.60	48.53 -4.08 -11.96	48.46 -4.50 -12.23	62.31 -6.58 -6.00	113.91 -14.01 -1.23	65.65 -8.11 -3.49	93.47 -13.19 14.45	58.84 -8.89 14.37	64.11 -6.72 -6.37	78.52 -7.13 -6.56
NIAGARA_230_LBMP 323716	71.91 -7.16 0.00	69.86 -6.75 0.00	74.21 -6.28 0.00	78.45 -6.26 0.00	96.37 -8.27 0.00	155.04 -13.41 0.00	153.05 -13.60 0.00	179.72 -21.14 0.00	178.51 -19.96 0.00	99.32 -9.72 -0.11	84.49 -8.48 -0.69	80.87 -8.60 -0.16	60.27 -5.84 -1.50	67.33 -7.31 -2.33	46.50 -3.60 -10.47	48.80 -3.66 -11.81	48.77 -4.07 -12.10	62.97 -5.96 -6.03	115.37 -12.64 -1.32	66.46 -7.37 -3.57	94.95 -12.10 14.06	60.00 -8.23 13.86	64.65 -6.16 -6.34	78.86 -6.71 -6.49
NIAGARA__115KV_198_GIBSON 55903	71.23 -7.84 0.00	69.21 -7.40 0.00	73.54 -6.95 0.00	77.73 -6.98 0.00	95.56 -9.08 0.00	153.47 -14.98 0.00	151.68 -14.97 0.00	177.61 -23.25 0.00	176.47 -22.01 0.00	98.21 -10.83 -0.11	83.56 -9.42 -0.70	80.10 -9.38 -0.17	59.57 -6.57 -1.52	66.65 -8.02 -2.35	46.22 -4.01 -10.60	48.56 -4.05 -11.96	48.47 -4.49 -12.23	62.29 -6.60 -6.00	113.94 -13.98 -1.23	65.68 -8.08 -3.49	93.47 -13.18 14.45	59.00 -8.74 14.37	64.06 -6.77 -6.37	78.50 -7.16 -6.56
NIAGARA____ 23760	71.91 -7.16 0.00	69.86 -6.75 0.00	74.21 -6.28 0.00	78.45 -6.26 0.00	96.37 -8.27 0.00	155.04 -13.41 0.00	153.05 -13.60 0.00	179.72 -21.14 0.00	178.51 -19.96 0.00	99.32 -9.72 -0.11	84.49 -8.48 -0.70	80.87 -8.60 -0.16	60.29 -5.84 -1.51	67.35 -7.31 -2.35	46.60 -3.60 -10.58	48.92 -3.66 -11.92	48.85 -4.07 -12.18	62.97 -5.96 -6.03	115.33 -12.64 -1.28	66.44 -7.37 -3.54	94.84 -12.10 14.17	59.89 -8.23 13.97	64.71 -6.16 -6.40	78.95 -6.71 -6.57
NINE_MILE_1 23575	76.21 -2.86 0.00	73.85 -2.76 0.00	77.66 -2.84 0.00	81.76 -2.94 0.00	100.97 -3.67 0.00	162.70 -5.75 0.00	161.16 -5.50 0.00	193.95 -6.91 0.00	191.61 -6.87 0.00	105.39 -3.54 0.00	89.22 -3.06 0.00	86.26 -3.05 0.00	62.45 -2.17 0.00	70.42 -2.55 -0.66	42.16 -1.25 -3.79	43.33 -1.29 -3.96	43.25 -1.27 -3.78	64.00 -2.02 -3.13	123.29 -4.25 -0.85	71.86 -2.40 -3.99	116.99 -4.14 -0.01	81.99 -2.89 -2.78	65.56 -2.31 -3.40	78.61 -2.83 -2.35
NINE_MILE_2 23744	76.21 -2.86 0.00	73.85 -2.76 0.00	77.66 -2.84 0.00	81.76 -2.94 0.00	100.97 -3.67 0.00	162.70 -5.75 0.00	161.16 -5.50 0.00	193.94 -6.92 0.00	191.61 -6.87 0.00	105.38 -3.55 0.00	89.22 -3.06 0.00	86.26 -3.05 0.00	62.45 -2.18 0.00	70.41 -2.55 -0.65	42.15 -1.25 -3.77	43.31 -1.29 -3.95	43.23 -1.27 -3.77	63.99 -2.02 -3.11	123.29 -4.25 -0.85	71.84 -2.40 -3.98	116.97 -4.16 -0.01	81.98 -2.89 -2.77	65.54 -2.31 -3.38	78.60 -2.83 -2.34
NM_CAPITAL__DRP 24208	82.84 3.77 0.00	80.34 3.74 0.00	84.32 3.83 0.00	88.74 4.04 0.00	109.55 4.91 0.00	175.83 7.38 0.00	173.32 6.66 0.00	208.87 8.01 0.00	206.16 7.69 0.00	113.33 4.59 0.19	95.37 4.28 1.19	93.03 4.00 0.28	64.97 2.91 2.57	89.14 3.36 -13.47	125.65 1.79 -84.22	129.02 1.73 -86.64	121.85 1.80 -79.32	140.35 2.75 -74.71	182.45 5.57 -50.19	160.13 2.99 -86.88	129.48 5.29 -3.09	145.98 3.45 -60.43	141.48 3.06 -73.95	134.22 3.93 -51.20

NM_CENTRAL___DRP 24181	78.18 -0.90 0.00	75.77 -0.84 0.00	79.69 -0.81 0.00	83.93 -0.78 0.00	103.66 -0.98 0.00	167.15 -1.30 0.00	165.86 -0.80 0.00	199.48 -1.38 0.00	197.15 -1.33 0.00	108.69 -0.31 -0.07	92.32 -0.37 -0.42	88.93 -0.48 -0.10	65.20 -0.33 -0.90	73.26 -0.57 -1.51	45.93 -0.13 -6.43	47.79 -0.11 -7.24	49.09 -0.10 -8.46	70.60 -0.22 -7.93	130.02 -0.66 -3.99	76.60 -0.45 -6.78	120.26 -0.87 -0.02	86.04 -0.78 -4.72	69.55 -0.69 -5.77	82.22 -0.87 -4.00
NM_FRONTIER___DRP 24179	71.23 -7.84 0.00	69.21 -7.40 0.00	73.54 -6.95 0.00	77.73 -6.98 0.00	95.56 -9.08 0.00	153.47 -14.98 0.00	151.68 -14.97 0.00	177.61 -23.25 0.00	176.47 -22.01 0.00	98.21 -10.83 -0.11	83.56 -9.42 -0.70	80.10 -9.38 -0.17	59.57 -6.57 -1.52	66.65 -8.02 -2.35	46.22 -4.01 -10.60	48.56 -4.05 -11.96	48.47 -4.49 -12.23	62.29 -6.60 -6.00	113.94 -13.98 -1.23	65.68 -8.08 -3.49	93.47 -13.18 14.45	59.00 -8.74 14.37	64.06 -6.77 -6.37	78.50 -7.16 -6.56
NM_ST_REGIS___HYD 24053	77.44 -1.63 0.00	74.61 -2.00 0.00	78.54 -1.95 0.00	82.59 -2.11 0.00	101.93 -2.71 0.00	163.13 -5.32 0.00	158.89 -7.77 0.00	193.37 -7.49 0.00	192.16 -6.32 0.00	103.61 -5.32 0.00	87.69 -4.59 0.00	85.14 -4.17 0.00	61.50 -3.13 0.00	69.08 -3.23 0.00	37.22 -2.40 0.00	38.07 -2.59 0.00	38.29 -2.45 0.00	59.46 -3.43 0.00	120.28 -6.41 0.00	66.68 -3.59 0.00	115.74 -5.37 0.00	79.62 -2.48 0.00	62.83 -1.64 0.00	77.35 -1.74 0.00
NORTHPORT___1 23551	88.24 9.17 0.00	85.25 8.64 0.00	88.89 8.39 0.00	93.80 9.09 0.00	116.22 11.58 0.00	186.50 18.05 0.00	184.45 17.80 0.00	224.12 23.26 0.00	219.17 20.69 0.00	123.71 11.95 -2.82	123.76 11.02 -20.46	93.46 9.62 5.47	90.63 6.85 -19.15	99.32 7.93 -19.08	100.27 4.50 -56.14	137.83 5.05 -92.12	196.47 4.84 -150.89	234.86 6.60 -165.37	273.34 14.34 -132.31	148.29 8.03 -70.00	135.37 13.05 -1.21	139.14 8.53 -48.50	130.86 7.04 -59.35	128.50 8.32 -41.09
NORTHPORT___2 23552	88.24 9.17 0.00	85.25 8.64 0.00	88.89 8.39 0.00	93.80 9.09 0.00	116.22 11.58 0.00	186.50 18.05 0.00	184.45 17.80 0.00	224.12 23.26 0.00	219.17 20.69 0.00	123.71 11.95 -2.82	123.76 11.02 -20.46	93.46 9.62 5.47	90.63 6.85 -19.15	99.32 7.93 -19.08	100.27 4.50 -56.14	137.83 5.05 -92.12	196.47 4.84 -150.89	234.86 6.60 -165.37	273.34 14.34 -132.31	148.29 8.03 -70.00	135.37 13.05 -1.21	139.14 8.53 -48.50	130.86 7.04 -59.35	128.50 8.32 -41.09
NORTHPORT___3 23553	87.12 8.05 0.00	84.31 7.70 0.00	88.02 7.53 0.00	92.72 8.02 0.00	114.66 10.02 0.00	183.27 14.82 0.00	181.47 14.81 0.00	219.91 19.06 0.00	215.83 17.36 0.00	122.87 11.12 -2.82	123.27 10.63 -20.36	93.35 9.71 5.67	90.38 6.99 -18.77	99.13 7.91 -18.90	100.01 4.41 -55.98	137.21 4.55 -92.00	195.79 4.23 -150.82	234.19 5.94 -165.37	271.24 12.24 -132.31	147.10 6.84 -70.00	134.04 11.72 -1.21	138.21 7.61 -48.50	130.00 6.18 -59.35	127.63 7.46 -41.09
NORTHPORT___4 23650	87.12 8.05 0.00	84.31 7.70 0.00	88.02 7.53 0.00	92.72 8.02 0.00	114.66 10.02 0.00	183.27 14.82 0.00	181.47 14.81 0.00	219.91 19.06 0.00	215.83 17.36 0.00	122.87 11.12 -2.82	123.27 10.63 -20.36	93.35 9.71 5.67	90.38 6.99 -18.77	99.13 7.91 -18.90	100.01 4.41 -55.98	137.21 4.55 -92.00	195.79 4.23 -150.82	234.19 5.94 -165.37	271.24 12.24 -132.31	147.10 6.84 -70.00	134.04 11.72 -1.21	138.21 7.61 -48.50	130.00 6.18 -59.35	127.63 7.46 -41.09
NORTHPORT___IC 23718	88.27 9.20 0.00	85.25 8.64 0.00	88.89 8.40 0.00	93.81 9.11 0.00	116.21 11.56 0.00	186.50 18.05 0.00	184.45 17.79 0.00	224.14 23.28 0.00	219.19 20.71 0.00	123.73 11.98 -2.82	123.78 11.04 -20.46	93.45 9.62 5.47	90.65 6.87 -19.15	99.32 7.93 -19.08	100.27 4.50 -56.14	137.83 5.05 -92.12	196.47 4.85 -150.89	234.87 6.61 -165.37	273.34 14.34 -132.31	148.31 8.05 -69.99	135.39 13.07 -1.21	139.14 8.54 -48.50	130.86 7.05 -59.35	128.49 8.31 -41.09
NORTH___COUNTRY_ESR 323785	76.33 -2.75 0.00	73.76 -2.85 0.00	77.54 -2.95 0.00	81.66 -3.04 0.00	101.27 -3.36 0.00	163.66 -4.80 0.00	161.16 -5.50 0.00	194.72 -6.14 0.00	192.45 -6.02 0.00	104.87 -4.06 0.00	88.76 -3.52 0.00	86.36 -2.95 0.00	62.40 -2.23 0.00	69.95 -2.36 0.00	37.93 -1.69 0.00	38.90 -1.75 0.00	39.04 -1.70 0.00	60.10 -2.79 0.00	121.88 -4.82 0.00	67.82 -2.44 0.00	117.25 -3.86 0.00	79.79 -2.31 0.00	62.95 -1.51 0.00	77.29 -1.80 0.00
NPX_GEN_1385_PROXY 323591	89.94 10.87 0.00	86.54 9.93 0.00	89.72 9.23 0.00	95.28 10.57 0.00	119.24 14.60 0.00	190.94 22.49 0.00	186.84 20.18 0.00	228.04 27.18 0.00	221.84 23.37 0.00	124.22 12.47 -2.82	123.59 10.85 -20.46	91.24 7.40 5.47	85.47 5.08 -15.77	98.20 6.81 -19.08	99.64 3.87 -56.14	138.16 5.38 -92.12	196.25 4.63 -150.89	234.06 5.81 -165.37	273.57 14.57 -132.31	147.97 7.70 -70.00	132.81 10.49 -1.21	138.04 7.43 -48.50	131.35 7.53 -59.35	129.05 8.87 -41.09
NPX_GEN_CSC 323557	87.80 8.73 0.00	84.82 8.21 0.00	88.47 7.98 0.00	93.30 8.60 0.00	115.56 10.92 0.00	185.51 17.05 0.00	183.09 16.44 0.00	222.10 21.24 0.00	216.48 18.01 0.00	122.13 10.36 -2.84	123.61 10.36 -20.97	94.18 9.26 4.40	92.42 6.60 -21.20	99.76 7.42 -20.04	100.97 4.32 -57.03	138.29 4.86 -92.78	196.91 4.93 -151.24	234.90 6.64 -165.37	273.27 14.27 -132.31	148.71 8.45 -70.00	136.32 14.00 -1.21	139.38 8.78 -48.50	130.82 7.00 -59.35	128.39 8.21 -41.09
NSINS_S__GLNS_FALLS 23858	84.96 5.88 0.00	82.29 5.68 0.00	86.40 5.91 0.00	90.90 6.20 0.00	112.51 7.87 0.00	181.51 13.06 0.00	179.48 12.82 0.00	217.97 17.11 0.00	214.59 16.11 0.00	116.93 8.13 0.14	98.33 6.93 0.88	95.35 6.24 0.21	67.41 4.69 1.91	92.19 5.69 -14.19	129.64 3.32 -86.70	133.96 3.70 -89.61	128.20 3.73 -83.73	151.88 5.83 -83.16	208.48 11.64 -70.15	166.36 6.53 -89.57	136.73 11.11 -4.50	151.62 7.22 -62.30	145.99 5.29 -76.24	138.03 6.16 -52.78
NUCOR_STEEL___DRP 24197	79.47 0.40 0.00	77.08 0.47 0.00	81.10 0.60 0.00	85.38 0.67 0.00	105.87 1.24 0.00	170.98 2.53 0.00	169.24 2.58 0.00	203.77 2.91 0.00	201.51 3.04 0.00	111.22 2.20 -0.09	94.06 1.18 -0.60	90.77 1.32 -0.14	66.91 0.99 -1.30	75.34 0.79 -2.23	49.31 0.60 -9.08	51.60 0.71 -10.24	54.43 0.70 -13.00	79.81 1.15 -15.78	140.04 2.04 -11.31	84.73 1.03 -13.43	130.29 1.68 -7.50	100.76 0.91 -17.75	74.55 0.35 -9.73	85.10 0.35 -5.66
NUMBER_THREE_WT_PWR 323818	79.13 0.05 0.00	75.89 -0.72 0.00	80.53 0.04 0.00	85.11 0.41 0.00	105.47 0.83 0.00	169.49 1.04 0.00	169.97 3.31 0.00	207.72 6.85 0.00	205.73 7.25 0.00	112.24 3.31 0.00	94.51 2.23 0.00	90.44 1.13 0.00	64.91 0.29 0.00	72.73 0.04 -0.38	41.66 -0.17 -2.19	43.10 0.16 -2.29	43.52 0.59 -2.19	66.17 1.47 -1.81	130.92 3.74 -0.49	74.18 1.61 -2.31	124.70 3.59 -0.01	86.65 2.94 -1.61	68.40 1.97 -1.96	82.45 2.00 -1.36
NYISO_LBMP_REFERENCE 24008	79.07 0.00 0.00	76.61 0.00 0.00	80.49 0.00 0.00	84.71 0.00 0.00	104.64 0.00 0.00	168.45 0.00 0.00	166.66 0.00 0.00	200.86 0.00 0.00	198.47 0.00 0.00	108.93 0.00 0.00	92.28 0.00 0.00	89.31 0.00 0.00	64.62 0.00 0.00	72.31 0.00 0.00	39.63 0.00 0.00	40.66 0.00 0.00	40.74 0.00 0.00	62.89 0.00 0.00	126.69 0.00 0.00	70.26 0.00 0.00	121.11 0.00 0.00	82.10 0.00 0.00	64.47 0.00 0.00	79.09 0.00 0.00

NYPA_BRENTWD____GT 24164	88.86 9.78 0.00	85.85 9.24 0.00	89.60 9.11 0.00	94.46 9.75 0.00	116.92 12.28 0.00	187.76 19.30 0.00	186.09 19.43 0.00	226.11 25.25 0.00	221.12 22.65 0.00	124.83 13.04 -2.86	125.88 12.01 -21.59	96.95 10.74 3.10	95.94 7.66 -23.66	102.22 8.72 -21.18	102.71 4.98 -58.10	139.68 5.46 -93.56	197.77 5.37 -151.67	235.58 7.32 -165.37	274.64 15.65 -132.31	149.28 9.02 -70.00	137.28 14.96 -1.21	140.27 9.66 -48.50	131.56 7.74 -59.35	129.28 9.10 -41.09
NYPA_GOWANUS____GT5 24156	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NYPA_GOWANUS____GT6 24157	106.24 7.87 -19.30	99.69 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.21 9.58 0.00	183.84 15.39 0.00	191.30 16.57 -8.06	256.04 21.00 -34.18	240.03 20.38 -21.17	148.54 12.17 -27.44	119.97 10.39 -17.30	108.74 9.99 -9.44	113.95 7.24 -42.08	108.69 8.28 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.01 4.55 -211.73	535.75 6.88 -465.98	428.46 13.78 -287.99	435.85 7.45 -358.13	442.44 12.60 -308.73	236.97 8.25 -146.61	191.00 6.25 -120.28	150.87 7.49 -64.28
NYPA_HARLEM__RVR__GT1 24160	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.44 8.81 0.00	182.46 14.01 0.00	181.78 15.12 0.00	220.21 19.35 0.00	217.15 18.68 0.00	122.78 11.12 -2.73	119.17 9.58 -17.30	102.50 9.08 -4.11	108.64 6.57 -37.45	107.50 7.57 -27.62	107.80 4.11 -64.07	132.97 4.20 -88.11	193.58 4.15 -148.69	234.48 6.25 -165.33	271.49 12.52 -132.28	146.86 6.88 -69.72	133.86 11.54 -1.21	138.17 7.58 -48.49	129.61 5.80 -59.34	127.04 6.87 -41.08
NYPA_HARLEM__RVR__GT2 24161	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.44 8.81 0.00	182.46 14.01 0.00	181.78 15.12 0.00	220.21 19.35 0.00	217.15 18.68 0.00	122.78 11.12 -2.73	119.17 9.58 -17.30	102.50 9.08 -4.11	108.64 6.57 -37.45	107.50 7.57 -27.62	107.80 4.11 -64.07	132.97 4.20 -88.11	193.58 4.15 -148.69	234.48 6.25 -165.33	271.49 12.52 -132.28	146.86 6.88 -69.72	133.86 11.54 -1.21	138.17 7.58 -48.49	129.61 5.80 -59.34	127.04 6.87 -41.08
NYPA_KENT____GT 24152	98.37 7.70 -11.61	93.39 7.55 -9.23	94.60 7.72 -6.39	96.21 7.97 -3.54	114.05 9.41 0.00	183.57 15.12 0.00	187.65 16.13 -4.86	241.77 20.33 -20.59	230.98 19.75 -12.75	138.34 11.79 -17.62	119.81 10.22 -17.31	106.57 9.83 -7.42	112.10 7.13 -40.35	108.34 8.12 -27.91	122.14 4.39 -78.12	151.51 4.50 -106.36	231.81 4.41 -186.66	415.99 6.67 -346.43	366.12 13.36 -226.08	297.34 7.24 -219.83	319.84 12.28 -186.45	197.71 8.01 -107.60	166.60 6.08 -96.05	141.45 7.30 -55.06
NYPA_POUCH1____GT 24155	106.07 7.70 -19.30	99.53 7.58 -15.34	98.87 7.77 -10.61	98.64 8.06 -5.88	113.95 9.31 0.00	183.41 14.96 0.00	190.92 16.20 -8.06	255.66 20.62 -34.18	239.67 20.02 -21.17	148.31 11.94 -27.44	119.61 10.03 -17.30	108.38 9.63 -9.44	113.67 6.97 -42.08	108.45 8.04 -28.10	131.41 4.38 -87.40	163.55 4.49 -118.40	256.90 4.44 -211.73	535.55 6.68 -465.98	428.10 13.41 -287.99	391.06 7.17 -313.63	441.96 12.12 -308.73	236.67 7.95 -146.61	190.78 6.04 -120.28	150.64 7.27 -64.28
NYPA_VERNON____GT2 24162	90.50 7.52 -3.92	87.09 7.36 -3.12	90.19 7.52 -2.17	93.66 7.75 -1.20	113.88 9.24 0.00	183.25 14.80 0.00	184.04 15.74 -1.65	227.71 19.85 -7.00	222.14 19.32 -4.33	128.29 11.57 -7.79	119.72 10.13 -17.31	104.42 9.70 -5.41	110.25 7.01 -38.61	107.97 7.94 -27.72	112.76 4.29 -68.84	139.36 4.39 -94.31	206.65 4.31 -161.60	296.31 6.53 -226.89	303.95 13.10 -164.16	198.42 7.14 -121.01	197.36 12.07 -64.18	158.54 7.86 -68.58	142.22 5.93 -71.82	132.03 7.11 -45.83
NYPA_VERNON____GT3 24163	90.50 7.52 -3.92	87.09 7.36 -3.12	90.19 7.52 -2.17	93.66 7.75 -1.20	113.88 9.24 0.00	183.25 14.80 0.00	184.04 15.74 -1.65	227.71 19.85 -7.00	222.14 19.32 -4.33	128.29 11.57 -7.79	119.72 10.13 -17.31	104.42 9.70 -5.41	110.25 7.01 -38.61	107.97 7.94 -27.72	112.76 4.29 -68.84	139.36 4.39 -94.31	206.65 4.31 -161.60	296.31 6.53 -226.89	303.95 13.10 -164.16	198.42 7.14 -121.01	197.36 12.07 -64.18	158.54 7.86 -68.58	142.22 5.93 -71.82	132.03 7.11 -45.83
NYPA__ASTORIA_CC1 323568	86.50 7.42 0.00	83.89 7.28 0.00	87.93 7.44 0.00	92.37 7.66 0.00	113.77 9.13 0.00	183.00 14.55 0.00	182.16 15.50 0.00	220.40 19.54 0.00	217.50 19.03 0.00	123.03 11.37 -2.73	119.61 10.03 -17.30	103.19 9.56 -4.31	109.19 6.90 -37.67	107.74 7.81 -27.62	107.91 4.21 -64.07	133.08 4.32 -88.11	193.67 4.24 -148.69	234.64 6.42 -165.33	271.83 12.86 -132.28	147.00 7.02 -69.72	134.23 11.90 -1.21	138.30 7.70 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
NYPA__ASTORIA_CC2 323569	86.50 7.42 0.00	83.89 7.28 0.00	87.93 7.44 0.00	92.37 7.66 0.00	113.77 9.13 0.00	183.00 14.55 0.00	182.16 15.50 0.00	220.40 19.54 0.00	217.50 19.03 0.00	123.03 11.37 -2.73	119.61 10.03 -17.30	103.19 9.56 -4.31	109.19 6.90 -37.67	107.74 7.81 -27.62	107.91 4.21 -64.07	133.08 4.32 -88.11	193.67 4.24 -148.69	234.64 6.42 -165.33	271.83 12.86 -132.28	147.00 7.02 -69.72	134.23 11.90 -1.21	138.30 7.70 -48.49	129.64 5.83 -59.34	127.17 7.00 -41.08
NYPA__HOLTSVILL 23794	88.18 9.11 0.00	85.21 8.60 0.00	88.93 8.44 0.00	93.76 9.05 0.00	116.03 11.39 0.00	186.24 17.79 0.00	184.37 17.72 0.00	223.96 23.10 0.00	218.68 20.21 0.00	123.57 11.80 -2.84	124.24 11.04 -20.92	94.78 9.98 4.51	92.72 7.11 -20.99	100.27 8.02 -19.93	101.15 4.58 -56.94	138.42 5.06 -92.71	196.97 5.03 -151.21	235.06 6.80 -165.37	273.54 14.54 -132.31	148.64 8.37 -70.00	136.32 14.00 -1.21	139.60 9.00 -48.50	131.01 7.20 -59.35	128.63 8.45 -41.09
NYPA__HELLGATE_GT1 24158	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.44 8.81 0.00	182.46 14.01 0.00	181.78 15.12 0.00	220.21 19.35 0.00	217.15 18.68 0.00	122.78 11.12 -2.73	119.17 9.58 -17.30	102.50 9.08 -4.11	108.64 6.57 -37.45	107.50 7.57 -27.62	107.80 4.11 -64.07	132.97 4.20 -88.11	193.58 4.15 -148.69	234.48 6.25 -165.33	271.49 12.52 -132.28	146.86 6.88 -69.72	133.86 11.54 -1.21	138.17 7.58 -48.49	129.61 5.80 -59.34	127.04 6.87 -41.08
NYPA__HELLGATE_GT2 24159	86.23 7.16 0.00	83.67 7.06 0.00	87.75 7.26 0.00	92.07 7.37 0.00	113.44 8.81 0.00	182.46 14.01 0.00	181.78 15.12 0.00	220.21 19.35 0.00	217.15 18.68 0.00	122.78 11.12 -2.73	119.17 9.58 -17.30	102.50 9.08 -4.11	108.64 6.57 -37.45	107.50 7.57 -27.62	107.80 4.11 -64.07	132.97 4.20 -88.11	193.58 4.15 -148.69	234.48 6.25 -165.33	271.49 12.52 -132.28	146.86 6.88 -69.72	133.86 11.54 -1.21	138.17 7.58 -48.49	129.61 5.80 -59.34	127.04 6.87 -41.08
NYS_BARGE__HYD 23848	72.46 -6.61 0.00	70.36 -6.25 0.00	74.74 -5.75 0.00	79.04 -5.67 0.00	97.11 -7.53 0.00	156.29 -12.16 0.00	154.25 -12.41 0.00	181.03 -19.83 0.00	179.80 -18.67 0.00	100.13 -8.91 -0.11	85.11 -7.85 -0.68	81.47 -8.00 -0.16	60.60 -5.50 -1.48	67.68 -6.93 -2.30	46.54 -3.44 -10.35	48.84 -3.48 -11.67	48.88 -3.82 -11.96	63.48 -5.37 -5.96	116.35 -11.64 -1.30	66.99 -6.80 -3.53	96.41 -10.81 13.89	61.06 -7.34 13.70	64.90 -5.83 -6.26	79.09 -6.42 -6.41

OAK ORCHARD___HYD 24046	76.27 -2.80 0.00	73.98 -2.63 0.00	78.15 -2.34 0.00	82.45 -2.26 0.00	101.62 -3.02 0.00	163.89 -4.56 0.00	162.37 -4.29 0.00	193.13 -7.73 0.00	191.32 -7.15 0.00	105.82 -3.20 -0.09	89.95 -2.90 -0.56	86.32 -3.13 -0.13	63.82 -2.02 -1.22	71.53 -2.71 -1.92	47.03 -1.18 -8.58	49.16 -1.16 -9.66	49.58 -1.33 -10.17	67.11 -1.87 -6.10	124.55 -4.31 -2.16	71.73 -2.63 -4.10	107.51 -4.33 9.27	71.02 -3.12 7.96	67.78 -2.36 -5.67	81.86 -2.55 -5.32
OAKDALE___35_KV_LOAD 356122	79.38 0.31 0.00	76.93 0.33 0.00	80.90 0.40 0.00	85.21 0.50 0.00	105.19 0.55 0.00	169.71 1.26 0.00	168.15 1.49 0.00	202.02 1.16 0.00	199.55 1.08 0.00	110.58 1.42 -0.24	94.64 0.86 -1.50	90.51 0.84 -0.36	68.53 0.65 -3.25	77.65 0.22 -5.12	61.79 0.25 -21.91	65.72 0.31 -24.76	68.91 0.21 -27.97	86.36 0.20 -23.27	140.53 0.41 -13.43	87.87 0.09 -17.51	111.04 0.18 10.24	81.90 -0.09 0.10	81.75 -0.09 -17.37	92.67 -0.02 -13.61
OCC_CHEM___DRP 24175	71.36 -7.71 0.00	69.33 -7.28 0.00	73.69 -6.80 0.00	77.88 -6.83 0.00	95.75 -8.89 0.00	153.77 -14.69 0.00	151.97 -14.68 0.00	177.99 -22.87 0.00	176.85 -21.62 0.00	98.42 -10.62 -0.11	83.73 -9.25 -0.70	80.23 -9.24 -0.17	59.69 -6.45 -1.52	66.79 -7.88 -2.36	46.31 -3.94 -10.62	48.66 -3.97 -11.97	48.56 -4.41 -12.24	62.40 -6.48 -5.99	114.17 -13.74 -1.22	65.81 -7.94 -3.49	93.66 -12.95 14.50	59.07 -8.61 14.43	64.18 -6.66 -6.37	78.61 -7.05 -6.58
OH_GEN_PROXY 24063	72.18 -6.89 0.00	70.09 -6.52 0.00	74.40 -6.10 0.00	78.65 -6.05 0.00	96.63 -8.01 0.00	155.50 -12.95 0.00	153.47 -13.19 0.00	57.85 -20.35 122.66	179.23 -19.25 0.00	99.66 -9.38 -0.11	84.78 -8.19 -0.69	81.19 -8.28 -0.16	60.49 -5.64 -1.50	67.64 -7.01 -2.34	46.70 -3.45 -10.52	49.01 -3.52 -11.87	49.01 -3.91 -12.19	63.30 -5.76 -6.17	115.96 -12.16 -1.43	66.84 -7.10 -3.68	95.50 -11.67 13.93	60.48 -7.98 13.64	64.92 -5.96 -6.41	79.12 -6.49 -6.52
OLIN_CORP_DRP 24177	71.55 -7.52 0.00	69.52 -7.09 0.00	73.87 -6.62 0.00	78.07 -6.64 0.00	96.05 -8.59 0.00	154.19 -14.27 0.00	151.88 -14.78 0.00	177.92 -22.94 0.00	176.72 -21.76 0.00	98.36 -10.68 -0.11	83.63 -9.36 -0.71	80.17 -9.31 -0.17	59.59 -6.57 -1.53	66.69 -8.00 -2.38	46.32 -4.03 -10.72	48.67 -4.08 -12.09	48.65 -4.43 -12.34	62.59 -6.28 -5.97	114.45 -13.40 -1.16	65.95 -7.76 -3.44	93.93 -12.38 14.79	59.09 -8.21 14.80	64.13 -6.74 -6.40	78.28 -7.45 -6.64
OLIN_CORP_DSASP 323712	71.36 -7.71 0.00	69.33 -7.28 0.00	73.67 -6.82 0.00	77.91 -6.79 0.00	95.62 -9.02 0.00	153.75 -14.70 0.00	152.00 -14.66 0.00	178.04 -22.82 0.00	176.92 -21.55 0.00	98.49 -10.55 -0.11	83.77 -9.21 -0.70	80.23 -9.25 -0.17	59.81 -6.33 -1.52	66.77 -7.89 -2.36	46.30 -3.94 -10.62	48.63 -4.00 -11.97	48.56 -4.42 -12.24	62.42 -6.46 -5.99	114.12 -13.79 -1.22	65.77 -7.98 -3.49	93.63 -12.98 14.50	58.94 -8.74 14.43	64.22 -6.62 -6.37	78.64 -7.02 -6.58
ONEIDA_HERK_LFGE 323681	80.85 1.77 0.00	78.01 1.41 0.00	82.31 1.82 0.00	86.78 2.07 0.00	107.40 2.76 0.00	173.00 4.55 0.00	172.53 5.88 0.00	209.16 8.30 0.00	206.82 8.34 0.00	113.39 4.46 0.00	95.76 3.48 0.00	92.14 2.83 0.00	66.39 1.77 0.00	74.53 1.87 -0.35	42.65 1.00 -2.02	43.91 1.15 -2.11	44.13 1.38 -2.02	66.92 2.36 -1.67	132.30 5.15 -0.45	74.98 2.59 -2.13	125.93 4.82 -0.01	87.00 3.41 -1.48	68.71 2.43 -1.81	83.02 2.67 -1.25
ONEIDA___115KV_TB4 55905	81.60 2.53 0.00	79.11 2.50 0.00	83.24 2.75 0.00	87.68 2.97 0.00	108.61 3.97 0.00	175.37 6.92 0.00	174.52 7.87 0.00	210.51 9.65 0.00	208.08 9.61 0.00	114.30 5.38 0.00	96.67 4.40 0.00	93.25 3.94 0.00	67.27 2.65 0.00	76.00 2.98 -0.71	45.42 1.72 -4.08	46.73 1.81 -4.27	46.72 1.92 -4.07	69.17 2.91 -3.37	133.43 5.82 -0.91	77.64 3.08 -4.30	126.40 5.28 -0.02	88.49 3.40 -2.99	70.57 2.44 -3.66	84.37 2.75 -2.53
ONONDAGA_REF_OCCRA 23987	78.89 -0.18 0.00	76.48 -0.13 0.00	80.40 -0.09 0.00	84.69 -0.02 0.00	104.58 -0.06 0.00	168.68 0.23 0.00	167.42 0.77 0.00	201.45 0.59 0.00	199.08 0.61 0.00	109.79 0.78 -0.08	93.27 0.47 -0.52	89.78 0.35 -0.12	66.03 0.27 -1.13	74.34 0.08 -1.94	47.81 0.21 -7.97	49.89 0.25 -8.98	52.19 0.27 -11.19	75.94 0.38 -12.67	134.97 0.59 -7.69	81.64 0.24 -11.14	126.66 0.32 -5.23	95.83 0.01 -13.71	72.65 -0.10 -8.28	83.91 -0.14 -4.96
ONONDAGA___COGEN 23986	78.85 -0.22 0.00	76.42 -0.19 0.00	80.37 -0.12 0.00	84.64 -0.06 0.00	104.52 -0.11 0.00	168.60 0.14 0.00	167.22 0.56 0.00	201.25 0.39 0.00	198.84 0.36 0.00	109.63 0.62 -0.08	93.08 0.30 -0.50	89.66 0.23 -0.12	65.89 0.19 -1.08	74.10 -0.01 -1.80	47.40 0.16 -7.61	49.42 0.19 -8.57	51.00 0.22 -10.04	72.64 0.31 -9.43	131.90 0.45 -4.76	78.46 0.17 -8.03	121.33 0.20 -0.03	87.62 -0.07 -5.58	71.11 -0.19 -6.83	83.55 -0.27 -4.73
ONTARIO___LFGE 23819	78.18 -0.89 0.00	75.87 -0.74 0.00	79.98 -0.51 0.00	84.47 -0.23 0.00	104.15 -0.49 0.00	168.07 -0.38 0.00	166.37 -0.29 0.00	199.12 -1.74 0.00	196.86 -1.62 0.00	108.76 -0.28 -0.11	92.40 -0.56 -0.69	89.01 -0.46 -0.16	66.30 0.19 -1.48	74.08 -0.44 -2.21	49.88 -0.01 -10.26	52.34 0.11 -11.57	51.85 0.10 -11.02	65.70 0.41 -2.40	124.75 0.15 2.09	70.32 0.00 -0.06	100.35 -0.44 20.32	58.12 -0.51 23.48	68.67 -0.60 -4.80	84.46 -0.98 -6.34
ORANGEVILLE_WT_PWR 323706	72.50 -6.57 0.00	70.60 -6.01 0.00	75.13 -5.36 0.00	79.74 -4.97 0.00	98.62 -6.02 0.00	159.31 -9.15 0.00	157.78 -8.88 0.00	186.31 -14.55 0.00	184.52 -13.96 0.00	102.56 -6.50 -0.13	87.31 -5.82 -0.86	83.77 -5.74 -0.20	62.68 -3.80 -1.85	69.81 -5.29 -2.78	49.71 -2.66 -12.74	52.35 -2.68 -14.38	51.96 -2.88 -14.10	63.16 -4.38 -4.65	116.13 -9.61 0.95	66.34 -5.57 -1.65	89.70 -9.19 22.21	50.85 -6.65 24.60	65.85 -5.22 -6.61	81.00 -5.97 -7.88
ORANGEVILLE___ESR 323794	72.50 -6.57 0.00	70.60 -6.01 0.00	75.13 -5.36 0.00	79.74 -4.97 0.00	98.62 -6.02 0.00	159.31 -9.15 0.00	157.78 -8.88 0.00	186.31 -14.55 0.00	184.52 -13.96 0.00	102.56 -6.50 -0.13	87.31 -5.82 -0.86	83.77 -5.74 -0.20	62.68 -3.80 -1.85	69.81 -5.29 -2.78	49.71 -2.66 -12.74	52.35 -2.68 -14.38	51.96 -2.88 -14.10	63.16 -4.38 -4.65	116.13 -9.61 0.95	66.34 -5.57 -1.65	89.70 -9.19 22.21	50.85 -6.65 24.60	65.85 -5.22 -6.61	81.00 -5.97 -7.88
OSWEGATCHIE___HYD 24044	78.00 -1.07 0.00	75.01 -1.60 0.00	79.29 -1.21 0.00	83.54 -1.16 0.00	103.19 -1.45 0.00	165.22 -3.23 0.00	162.97 -3.69 0.00	199.22 -1.64 0.00	197.79 -0.68 0.00	107.15 -1.78 0.00	90.55 -1.73 0.00	87.13 -2.18 0.00	62.65 -1.97 0.00	70.33 -2.25 -0.27	39.55 -1.65 -1.57	40.77 -1.53 -1.65	41.05 -1.25 -1.57	62.85 -1.34 -1.30	124.95 -2.09 -0.35	70.44 -1.48 -1.66	119.42 -1.70 -0.01	83.16 -0.09 -1.15	65.79 -0.09 -1.41	79.91 -0.15 -0.98
OSWEGO___5 23606	76.60 -2.47 0.00	74.23 -2.38 0.00	78.07 -2.43 0.00	82.19 -2.52 0.00	101.50 -3.14 0.00	163.55 -4.91 0.00	162.01 -4.65 0.00	194.96 -5.91 0.00	192.62 -5.85 0.00	105.98 -2.95 0.00	89.68 -2.60 0.00	86.72 -2.59 0.00	62.77 -1.85 0.00	70.79 -2.19 -0.67	42.40 -1.07 -3.84	43.58 -1.09 -4.02	43.50 -1.07 -3.83	64.36 -1.70 -3.17	123.94 -3.61 -0.86	72.27 -2.04 -4.05	117.60 -3.52 -0.01	82.44 -2.47 -2.81	65.92 -1.99 -3.44	79.04 -2.44 -2.38

OSWEGO___6 23613	76.60 -2.47 0.00	74.23 -2.38 0.00	78.07 -2.43 0.00	82.19 -2.52 0.00	101.50 -3.14 0.00	163.55 -4.91 0.00	162.01 -4.65 0.00	194.96 -5.91 0.00	192.62 -5.85 0.00	105.98 -2.95 0.00	89.68 -2.60 0.00	86.72 -2.59 0.00	62.77 -1.85 0.00	70.79 -2.19 -0.67	42.40 -1.07 -3.84	43.58 -1.09 -4.02	43.50 -1.07 -3.83	64.36 -1.70 -3.17	123.94 -3.61 -0.86	72.27 -2.04 -4.05	117.60 -3.52 -0.01	82.44 -2.47 -2.81	65.92 -1.99 -3.44	79.04 -2.44 -2.38
OUTOKUMPU-AB___DRP 24206	73.05 -6.02 0.00	70.95 -5.66 0.00	75.40 -5.10 0.00	79.70 -5.01 0.00	98.06 -6.58 0.00	157.78 -10.67 0.00	156.01 -10.64 0.00	183.24 -17.62 0.00	181.97 -16.50 0.00	101.33 -7.71 -0.11	86.19 -6.80 -0.72	82.56 -6.93 -0.17	61.39 -4.78 -1.55	68.69 -6.02 -2.39	47.48 -2.95 -10.81	49.89 -2.95 -12.19	49.78 -3.37 -12.42	64.07 -4.76 -5.94	117.43 -10.35 -1.09	67.59 -6.07 -3.39	96.33 -9.73 15.05	60.36 -6.61 15.14	65.64 -5.24 -6.42	80.21 -5.57 -6.69
OXBOW___BTM 323836	72.38 -6.69 0.00	70.29 -6.31 0.00	74.69 -5.80 0.00	78.99 -5.71 0.00	96.99 -7.65 0.00	156.08 -12.38 0.00	154.39 -12.27 0.00	181.15 -19.71 0.00	179.92 -18.55 0.00	100.24 -8.80 -0.11	85.25 -7.73 -0.71	81.61 -7.86 -0.17	60.81 -5.34 -1.53	67.90 -6.79 -2.38	46.98 -3.36 -10.71	49.34 -3.40 -12.08	49.27 -3.80 -12.33	63.43 -5.42 -5.96	116.10 -11.74 -1.15	66.83 -6.87 -3.44	95.26 -11.07 14.78	59.79 -7.52 14.79	65.11 -5.75 -6.40	79.63 -6.10 -6.63
OXBOW____ 24026	72.38 -6.69 0.00	70.30 -6.31 0.00	74.69 -5.80 0.00	78.95 -5.76 0.00	97.12 -7.51 0.00	156.13 -12.32 0.00	154.40 -12.26 0.00	181.06 -19.80 0.00	179.89 -18.58 0.00	100.15 -8.89 -0.11	85.21 -7.77 -0.71	81.63 -7.84 -0.17	60.70 -5.45 -1.53	67.91 -6.78 -2.38	46.99 -3.35 -10.71	49.37 -3.37 -12.08	49.28 -3.79 -12.33	63.41 -5.44 -5.96	116.13 -11.72 -1.15	66.89 -6.81 -3.44	95.29 -11.04 14.78	59.91 -7.40 14.78	65.06 -5.80 -6.40	79.59 -6.14 -6.63
OXY_CHEM_DSASP 323612	71.36 -7.71 0.00	69.33 -7.28 0.00	73.69 -6.80 0.00	77.88 -6.83 0.00	95.75 -8.89 0.00	153.77 -14.69 0.00	151.97 -14.68 0.00	177.99 -22.87 0.00	176.85 -21.62 0.00	98.42 -10.62 -0.11	83.73 -9.25 -0.70	80.23 -9.24 -0.17	59.69 -6.45 -1.52	66.79 -7.88 -2.36	46.31 -3.94 -10.62	48.66 -3.97 -11.97	48.56 -4.41 -12.24	62.40 -6.48 -5.99	114.17 -13.74 -1.22	65.81 -7.94 -3.49	93.66 -12.95 14.50	59.07 -8.61 14.43	64.18 -6.66 -6.37	78.61 -7.05 -6.58
OZONE_PARK_ESR 323760	87.05 7.99 0.00	84.41 7.80 0.00	88.46 7.97 0.00	92.94 8.24 0.00	114.48 9.84 0.00	184.40 15.95 0.00	183.50 16.84 0.00	222.15 21.29 0.00	219.22 20.74 0.00	123.97 12.31 -2.73	120.32 10.75 -17.30	103.67 10.26 -4.10	109.49 7.42 -37.44	108.30 8.38 -27.61	108.23 4.54 -64.06	133.43 4.67 -88.10	194.01 4.60 -148.68	235.24 7.03 -165.32	273.05 14.09 -132.27	147.67 7.69 -69.71	135.35 13.03 -1.21	139.11 8.52 -48.49	130.20 6.40 -59.34	127.82 7.65 -41.08
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	71.36 -7.71 0.00	69.33 -7.28 0.00	73.69 -6.80 0.00	77.88 -6.83 0.00	95.75 -8.89 0.00	153.77 -14.69 0.00	151.97 -14.68 0.00	177.99 -22.87 0.00	176.85 -21.62 0.00	98.42 -10.62 -0.11	83.73 -9.25 -0.70	80.23 -9.24 -0.17	59.69 -6.45 -1.52	66.79 -7.88 -2.36	46.31 -3.94 -10.62	48.66 -3.97 -11.97	48.56 -4.41 -12.24	62.40 -6.48 -5.99	114.17 -13.74 -1.22	65.81 -7.94 -3.49	93.66 -12.95 14.50	59.07 -8.61 14.43	64.18 -6.66 -6.37	78.61 -7.05 -6.58
PACKARD__115KV_DUPONT_184 80571	71.36 -7.71 0.00	69.33 -7.28 0.00	73.69 -6.80 0.00	77.88 -6.83 0.00	95.75 -8.89 0.00	153.77 -14.69 0.00	151.97 -14.68 0.00	177.99 -22.87 0.00	176.85 -21.62 0.00	98.42 -10.62 -0.11	83.73 -9.25 -0.70	80.23 -9.24 -0.17	59.69 -6.45 -1.52	66.79 -7.88 -2.36	46.31 -3.94 -10.62	48.66 -3.97 -11.97	48.56 -4.41 -12.24	62.40 -6.48 -5.99	114.17 -13.74 -1.22	65.81 -7.94 -3.49	93.66 -12.95 14.50	59.07 -8.61 14.43	64.18 -6.66 -6.37	78.61 -7.05 -6.58
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	86.21 7.14 0.00	83.63 7.03 0.00	87.68 7.19 0.00	92.07 7.37 0.00	113.39 8.75 0.00	182.43 13.98 0.00	181.76 15.10 0.00	220.12 19.26 0.00	217.09 18.61 0.00	122.75 11.09 -2.73	119.16 9.57 -17.30	102.46 9.04 -4.11	108.64 6.56 -37.45	107.44 7.51 -27.62	107.78 4.09 -64.07	132.96 4.19 -88.11	193.57 4.14 -148.69	234.49 6.26 -165.33	271.49 12.52 -132.28	146.86 6.87 -69.72	133.85 11.53 -1.21	138.16 7.57 -48.49	129.56 5.75 -59.34	126.98 6.81 -41.08
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	86.55 7.47 0.00	84.03 7.42 0.00	88.10 7.61 0.00	92.53 7.82 0.00	114.01 9.37 0.00	183.41 14.96 0.00	182.98 16.32 0.00	221.64 20.78 0.00	218.29 19.82 0.00	123.33 11.67 -2.73	119.65 10.07 -17.30	102.92 9.51 -4.11	108.92 6.85 -37.45	107.78 7.85 -27.62	107.96 4.26 -64.07	133.19 4.43 -88.11	193.82 4.39 -148.69	234.91 6.69 -165.33	272.27 13.29 -132.28	147.26 7.27 -69.72	134.57 12.25 -1.21	138.61 8.02 -48.49	129.90 6.09 -59.34	127.38 7.20 -41.08
PATROON__115KV_TB1 80586	82.96 3.89 0.00	80.43 3.82 0.00	84.45 3.96 0.00	88.85 4.14 0.00	109.70 5.06 0.00	176.09 7.63 0.00	173.65 7.00 0.00	209.21 8.35 0.00	206.52 8.05 0.00	113.61 4.87 0.19	95.56 4.46 1.18	93.21 4.18 0.28	65.15 3.07 2.55	89.35 3.47 -13.57	126.21 1.85 -84.73	129.63 1.79 -87.19	122.55 1.90 -79.92	140.88 2.86 -75.12	184.26 5.71 -51.86	160.77 3.08 -87.42	129.86 5.45 -3.30	146.41 3.50 -60.80	142.03 3.16 -74.41	134.67 4.07 -51.51
PATTRSNVILLE__SOLAR 323815	82.72 3.65 0.00	80.17 3.56 0.00	84.17 3.68 0.00	88.59 3.89 0.00	109.47 4.84 0.00	176.41 7.95 0.00	174.84 8.18 0.00	211.07 10.21 0.00	207.57 9.09 0.00	113.11 4.36 0.17	94.60 3.42 1.10	92.08 3.03 0.26	64.76 2.51 2.37	89.69 2.98 -14.40	130.51 1.81 -89.07	134.52 2.03 -91.83	128.05 2.15 -85.16	151.13 3.42 -84.82	205.95 6.87 -72.39	166.27 3.90 -92.11	132.53 6.68 -4.75	150.62 4.45 -64.06	146.15 3.28 -78.40	137.29 3.92 -54.28
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	73.50 -5.57 0.00	71.41 -5.20 0.00	75.73 -4.77 0.00	80.02 -4.68 0.00	98.70 -5.93 0.00	158.95 -9.50 0.00	157.12 -9.54 0.00	185.46 -15.40 0.00	183.99 -14.49 0.00	102.46 -6.59 -0.12	87.14 -5.92 -0.78	83.54 -5.96 -0.18	62.23 -4.09 -1.69	69.57 -5.35 -2.61	48.80 -2.63 -11.80	51.29 -2.68 -13.31	51.19 -3.01 -13.46	64.66 -4.25 -6.02	118.57 -8.88 -0.76	68.03 -5.46 -3.22	95.04 -8.71 17.35	58.15 -6.04 17.91	66.35 -4.93 -6.81	81.04 -5.36 -7.30
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	86.87 7.80 0.00	84.21 7.60 0.00	88.26 7.77 0.00	92.80 8.10 0.00	114.39 9.75 0.00	184.30 15.85 0.00	183.27 16.61 0.00	221.78 20.92 0.00	218.55 20.07 0.00	123.28 11.64 -2.71	119.47 10.03 -17.16	102.99 9.61 -4.07	108.76 6.98 -37.15	107.83 7.93 -27.58	108.55 4.33 -64.59	133.69 4.53 -88.51	193.85 4.54 -148.58	234.87 6.99 -164.99	272.51 14.09 -131.73	148.02 7.52 -70.24	135.13 12.78 -1.24	139.36 8.40 -48.85	130.57 6.32 -59.78	128.00 7.52 -41.39
PEEKSKILL____ 23653	85.36 6.29 0.00	82.78 6.17 0.00	86.72 6.22 0.00	91.18 6.48 0.00	112.36 7.72 0.00	180.81 12.36 0.00	179.71 13.06 0.00	217.24 16.38 0.00	214.10 15.62 0.00	121.01 9.41 -2.67	117.44 8.24 -16.92	101.19 7.87 -4.01	106.98 5.74 -36.62	105.97 6.55 -27.10	106.41 3.57 -63.21	131.10 3.70 -86.75	190.37 3.66 -145.97	230.59 5.52 -162.18	267.37 11.08 -129.60	145.03 5.99 -68.77	132.46 10.15 -1.20	136.64 6.71 -47.83	128.06 5.06 -58.53	125.74 6.02 -40.63

PGE MADISON___WINDPWR 24146	83.21 4.14 0.00	81.33 4.72 0.00	85.39 4.90 0.00	88.81 4.11 0.00	110.55 5.91 0.00	182.40 13.95 0.00	183.37 16.72 0.00	222.99 22.13 0.00	219.74 21.26 0.00	120.95 11.79 -0.23	101.71 7.98 -1.46	96.99 7.33 -0.34	73.19 5.40 -3.16	84.12 6.43 -5.37	64.70 3.83 -21.25	68.84 4.17 -24.02	77.32 4.72 -31.87	113.18 7.71 -42.59	175.58 15.70 -33.19	114.94 8.54 -36.14	162.36 14.60 -26.66	146.47 9.28 -55.08	95.75 6.57 -24.71	100.02 7.67 -13.26
PIERCEFIELD___HYD 23852	77.25 -1.82 0.00	74.39 -2.22 0.00	78.33 -2.16 0.00	82.33 -2.37 0.00	101.44 -3.20 0.00	162.01 -6.44 0.00	157.27 -9.38 0.00	191.71 -9.15 0.00	190.79 -7.69 0.00	102.56 -6.37 0.00	86.81 -5.47 0.00	84.22 -5.09 0.00	60.84 -3.79 0.00	68.41 -3.90 0.00	36.81 -2.82 0.00	37.60 -3.06 0.00	37.83 -2.91 0.00	58.86 -4.03 0.00	118.95 -7.74 0.00	65.91 -4.36 0.00	114.53 -6.58 0.00	78.99 -3.12 0.00	62.35 -2.12 0.00	76.84 -2.24 0.00
PINELAWN_CC_1 323563	88.07 9.00 -0.01	85.18 8.57 0.00	88.92 8.42 0.00	93.68 8.98 0.00	115.83 11.19 0.00	185.98 17.53 0.00	184.49 17.84 0.00	224.22 23.36 0.00	219.43 20.96 0.00	124.15 12.26 -2.97	128.74 11.40 -25.06	103.66 10.25 -4.10	109.43 7.35 -37.45	108.29 8.36 -27.62	108.45 4.74 -64.07	143.73 5.13 -97.95	199.80 5.02 -154.04	235.32 7.07 -165.37	273.88 14.88 -132.31	148.61 8.35 -70.00	136.21 13.89 -1.21	139.58 8.97 -48.50	130.92 7.10 -59.35	128.55 8.37 -41.09
PJM_GEN_HTP_PROXY 323702	86.11 7.03 0.00	83.50 6.89 0.00	87.50 7.01 0.00	91.98 7.27 0.00	113.33 8.70 0.00	182.41 13.96 0.00	181.32 14.67 0.00	219.36 18.50 0.00	216.41 17.93 0.00	122.42 10.76 -2.73	119.04 9.47 -17.29	102.48 9.07 -4.10	108.63 6.57 -37.43	107.40 7.48 -27.61	107.73 4.05 -64.05	132.91 4.16 -88.09	193.48 4.08 -148.66	234.33 6.15 -165.29	271.28 12.34 -132.25	146.66 6.69 -69.71	133.67 11.35 -1.21	137.98 7.40 -48.48	129.38 5.58 -59.33	126.83 6.66 -41.07
PJM_GEN_KEystone 24065	79.78 0.71 0.00	77.37 0.76 0.00	81.33 0.84 0.00	85.62 0.91 0.00	105.50 0.86 0.00	169.80 1.34 0.00	113.40 1.45 54.71	201.44 0.58 0.00	180.85 0.27 17.90	111.71 1.33 -1.45	96.56 1.08 -3.21	92.50 1.01 -2.18	85.39 0.89 -19.88	83.86 0.83 -10.71	77.54 0.57 -37.34	77.54 0.60 -36.28	82.76 0.39 -41.63	105.82 0.44 -42.49	127.30 0.87 0.26	101.60 0.23 -31.09	79.09 0.53 42.55	62.27 0.14 19.98	82.39 0.22 -17.70	48.82 0.44 30.71
PJM_GEN_NEPTUNE_PROXY 323594	86.96 7.90 0.00	84.19 7.58 0.01	87.93 7.44 0.00	92.61 7.90 0.00	114.43 9.79 0.00	183.72 15.27 0.00	182.15 15.50 0.00	221.14 20.29 0.01	216.87 18.40 0.01	122.76 11.08 -2.76	121.05 10.37 -18.40	89.08 9.53 9.77	82.45 6.86 -10.97	95.34 7.76 -15.26	96.56 4.34 -52.59	134.71 4.54 -89.52	194.61 4.40 -149.48	234.44 6.18 -165.37	271.94 12.94 -132.31	147.46 7.20 -70.00	134.40 12.08 -1.21	138.42 7.82 -48.50	129.98 6.16 -59.35	127.49 7.31 -41.09
PJM_GEN_VFT_PROXY 323633	85.67 6.60 0.00	83.10 6.49 0.00	87.09 6.60 0.00	91.53 6.82 0.00	112.77 8.13 0.00	181.62 13.17 0.00	180.49 13.84 0.00	218.26 17.40 0.00	215.29 16.81 0.00	121.88 10.22 -2.73	118.54 8.96 -17.30	101.96 8.55 -4.10	108.25 6.19 -37.44	106.94 7.02 -27.61	107.46 3.77 -64.06	132.63 3.88 -88.10	193.21 3.80 -148.68	233.48 5.70 -164.88	270.35 11.39 -132.27	146.21 6.23 -69.71	132.85 10.53 -1.21	137.45 6.86 -48.49	128.96 5.16 -59.34	126.37 6.20 -41.08
PLATSBURG_115KV_PMLD1 355749	77.56 -1.51 0.00	74.92 -1.68 0.00	78.72 -1.78 0.00	82.86 -1.85 0.00	102.60 -2.04 0.00	165.63 -2.82 0.00	163.05 -3.61 0.00	197.48 -3.38 0.00	194.27 -4.21 0.00	106.23 -2.70 0.00	89.97 -2.31 0.00	87.28 -2.03 0.00	63.07 -1.56 0.00	70.86 -1.45 0.00	38.48 -1.15 0.00	39.43 -1.22 0.00	39.61 -1.13 0.00	60.91 -1.98 0.00	123.22 -3.48 0.00	68.60 -1.67 0.00	118.65 -2.46 0.00	80.71 -1.39 0.00	63.69 -0.78 0.00	78.16 -0.93 0.00
PLEASANTVLY___LBMP 24000	85.23 6.16 0.00	82.64 6.03 0.00	86.64 6.14 0.00	91.11 6.40 0.00	112.28 7.65 0.00	180.63 12.18 0.00	179.24 12.58 0.00	216.80 15.94 0.00	213.73 15.26 0.00	121.01 9.14 -2.94	118.89 7.98 -18.63	101.30 7.57 -4.41	110.50 5.54 -40.34	108.05 6.34 -29.40	110.06 3.45 -66.98	137.01 3.57 -92.79	202.41 3.54 -158.14	244.54 5.36 -176.28	279.05 10.76 -141.60	148.97 5.72 -72.98	132.15 9.77 -1.27	139.32 6.45 -50.76	131.47 4.88 -62.12	127.96 5.86 -43.01
PLSNTVLE_13_KV_13.8KVDIST 80602	85.85 6.78 0.00	83.25 6.64 0.00	87.24 6.75 0.00	91.72 7.02 0.00	113.04 8.40 0.00	181.95 13.50 0.00	180.75 14.09 0.00	218.70 17.84 0.00	215.61 17.13 0.00	121.88 10.20 -2.76	118.68 8.93 -17.48	101.98 8.52 -4.14	108.67 6.21 -37.83	107.24 7.07 -27.86	107.93 3.83 -64.47	133.39 3.98 -88.75	194.64 3.93 -149.98	235.67 5.96 -166.82	272.21 11.98 -133.54	146.88 6.44 -70.17	133.30 10.97 -1.22	138.11 7.20 -48.81	129.63 5.43 -59.73	126.93 6.49 -41.35
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	85.85 6.78 0.00	83.25 6.64 0.00	87.24 6.75 0.00	91.72 7.02 0.00	113.04 8.40 0.00	181.95 13.50 0.00	180.75 14.09 0.00	218.70 17.84 0.00	215.61 17.13 0.00	121.88 10.20 -2.76	118.68 8.93 -17.48	101.98 8.52 -4.14	108.67 6.21 -37.83	107.24 7.07 -27.86	107.93 3.83 -64.47	133.39 3.98 -88.75	194.64 3.93 -149.98	235.67 5.96 -166.82	272.21 11.98 -133.54	146.88 6.44 -70.17	133.30 10.97 -1.22	138.11 7.20 -48.81	129.63 5.43 -59.73	126.93 6.49 -41.35
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	86.24 7.17 0.00	83.59 6.98 0.00	87.63 7.14 0.00	92.16 7.45 0.00	113.64 9.00 0.00	182.89 14.44 0.00	181.77 15.12 0.00	219.95 19.09 0.00	216.80 18.33 0.00	122.14 10.60 -2.62	117.94 9.08 -16.58	101.96 8.72 -3.93	106.87 6.36 -35.89	106.75 7.26 -27.18	109.10 3.96 -65.51	133.57 4.15 -88.77	191.58 4.17 -146.67	231.57 6.48 -162.20	268.44 13.18 -128.56	148.27 6.99 -71.01	134.26 11.86 -1.28	139.34 7.85 -49.39	130.83 5.92 -60.45	127.99 7.06 -41.85
POLETTI___ 23519	86.06 6.98 0.00	83.52 6.91 0.00	87.55 7.05 0.00	91.98 7.28 0.00	113.24 8.60 0.00	182.20 13.75 0.00	181.15 14.49 0.00	219.06 18.20 0.00	216.33 17.85 0.00	122.35 10.69 -2.73	119.02 9.44 -17.30	102.34 8.93 -4.10	108.53 6.46 -37.44	107.33 7.40 -27.61	107.66 3.97 -64.06	132.78 4.02 -88.10	193.33 3.92 -148.68	234.13 5.92 -165.32	270.83 11.88 -132.27	146.46 6.48 -69.71	133.29 10.97 -1.21	137.74 7.15 -48.49	129.17 5.36 -59.34	126.66 6.49 -41.08
POMONA___ESR 323819	85.04 5.97 0.00	82.46 5.85 0.00	86.31 5.81 0.00	90.73 6.02 0.00	111.82 7.18 0.00	179.96 11.51 0.00	178.95 12.29 0.00	216.19 15.33 0.00	212.96 14.48 0.00	120.33 8.85 -2.54	116.13 7.73 -16.12	100.54 7.42 -3.82	104.94 5.43 -34.89	104.53 6.18 -26.04	104.45 3.37 -61.45	128.08 3.49 -83.94	184.51 3.45 -140.32	223.71 5.20 -155.62	261.16 10.44 -124.03	142.73 5.66 -66.80	131.86 9.58 -1.16	134.93 6.36 -46.46	126.13 4.80 -56.86	124.10 5.64 -39.37
PORT_JEFF_3 23555	88.46 9.38 0.00	85.47 8.86 0.00	89.20 8.71 0.00	94.04 9.33 0.00	116.41 11.77 0.00	186.84 18.39 0.00	185.03 18.38 0.00	224.74 23.89 0.00	219.36 20.89 0.00	123.95 12.18 -2.84	124.64 11.38 -20.99	95.23 10.29 4.37	93.21 7.34 -21.25	100.65 8.27 -20.06	101.41 4.74 -57.05	138.67 5.22 -92.79	197.21 5.23 -151.25	235.35 7.10 -165.37	274.21 15.22 -132.31	149.01 8.75 -70.00	136.92 14.59 -1.21	139.97 9.37 -48.50	131.28 7.46 -59.35	128.94 8.77 -41.09

PORT_JEFF_4 23616	88.46 9.38 0.00	85.47 8.86 0.00	89.20 8.71 0.00	94.04 9.33 0.00	116.41 11.77 0.00	186.84 18.39 0.00	185.03 18.38 0.00	224.74 23.89 0.00	219.36 20.89 0.00	123.95 12.18 -2.84	124.64 11.38 -20.99	95.23 10.29 4.37	93.21 7.34 -21.25	100.65 8.27 -20.06	101.41 4.74 -57.05	138.67 5.22 -92.79	197.21 5.23 -151.25	235.35 7.10 -165.37	274.21 15.22 -132.31	149.01 8.75 -70.00	136.92 14.59 -1.21	139.97 9.37 -48.50	131.28 7.46 -59.35	128.94 8.77 -41.09
PORT_JEFF_IC 23713	88.51 9.44 0.00	85.49 8.88 0.00	89.20 8.70 0.00	94.06 9.35 0.00	116.39 11.75 0.00	186.90 18.44 0.00	185.10 18.45 0.00	224.80 23.94 0.00	219.37 20.89 0.00	123.97 12.20 -2.84	124.78 11.41 -21.09	95.49 10.34 4.15	93.67 7.40 -21.66	100.84 8.28 -20.25	101.59 4.74 -57.23	138.81 5.23 -92.92	197.30 5.24 -151.32	235.40 7.14 -165.37	274.36 15.36 -132.31	149.06 8.80 -69.99	137.03 14.71 -1.21	140.02 9.42 -48.50	131.33 7.51 -59.35	128.97 8.80 -41.09
PPL_PILGRIM_ST_GT1 24216	88.86 9.78 0.00	85.85 9.24 0.00	89.60 9.11 0.00	94.46 9.75 0.00	116.92 12.28 0.00	187.76 19.30 0.00	186.09 19.43 0.00	226.11 25.25 0.00	221.12 22.65 0.00	124.83 13.04 -2.86	125.88 12.01 -21.59	96.95 10.74 3.10	95.94 7.66 -23.66	102.22 8.72 -21.18	102.71 4.98 -58.10	139.68 5.46 -93.56	197.77 5.37 -151.67	235.58 7.32 -165.37	274.64 15.65 -132.31	149.28 9.02 -70.00	137.28 14.96 -1.21	140.27 9.66 -48.50	131.56 7.74 -59.35	129.28 9.10 -41.09
PPL_PILGRIM_ST_GT2 24217	88.86 9.78 0.00	85.85 9.24 0.00	89.60 9.11 0.00	94.46 9.75 0.00	116.92 12.28 0.00	187.76 19.30 0.00	186.09 19.43 0.00	226.11 25.25 0.00	221.12 22.65 0.00	124.83 13.04 -2.86	125.88 12.01 -21.59	96.95 10.74 3.10	95.94 7.66 -23.66	102.22 8.72 -21.18	102.71 4.98 -58.10	139.68 5.46 -93.56	197.77 5.37 -151.67	235.58 7.32 -165.37	274.64 15.65 -132.31	149.28 9.02 -70.00	137.28 14.96 -1.21	140.27 9.66 -48.50	131.56 7.74 -59.35	129.28 9.10 -41.09
PPL_SHRM_GT3 24213	87.97 8.89 0.00	84.97 8.36 0.00	88.63 8.14 0.00	93.46 8.76 0.00	115.75 11.11 0.00	185.82 17.37 0.00	183.51 16.85 0.00	222.61 21.75 0.00	216.91 18.44 0.00	122.39 10.62 -2.84	123.81 10.50 -21.03	94.41 9.38 4.28	92.71 6.67 -21.42	99.97 7.53 -20.14	101.13 4.38 -57.12	138.42 4.92 -92.85	197.01 5.00 -151.28	235.03 6.78 -165.37	273.53 14.53 -132.31	148.83 8.57 -70.00	136.56 14.24 -1.21	139.52 8.92 -48.50	130.94 7.12 -59.35	128.52 8.34 -41.09
PPL_SHRM_GT4 24214	87.97 8.89 0.00	84.97 8.36 0.00	88.63 8.14 0.00	93.46 8.76 0.00	115.75 11.11 0.00	185.82 17.37 0.00	183.51 16.85 0.00	222.61 21.75 0.00	216.91 18.44 0.00	122.39 10.62 -2.84	123.81 10.50 -21.03	94.41 9.38 4.28	92.71 6.67 -21.42	99.97 7.53 -20.14	101.13 4.38 -57.12	138.42 4.92 -92.85	197.01 5.00 -151.28	235.03 6.78 -165.37	273.53 14.53 -132.31	148.83 8.57 -70.00	136.56 14.24 -1.21	139.52 8.92 -48.50	130.94 7.12 -59.35	128.52 8.34 -41.09
PROJECT___ORANGE 1 24174	78.24 -0.84 0.00	75.84 -0.77 0.00	79.76 -0.73 0.00	84.01 -0.69 0.00	103.76 -0.88 0.00	167.30 -1.15 0.00	165.98 -0.68 0.00	199.64 -1.22 0.00	197.30 -1.18 0.00	108.79 -0.21 -0.07	92.39 -0.31 -0.42	89.01 -0.40 -0.10	65.27 -0.27 -0.92	73.36 -0.49 -1.54	46.06 -0.09 -6.53	47.93 -0.08 -7.35	49.26 -0.07 -8.59	70.78 -0.17 -8.06	130.18 -0.56 -4.05	76.75 -0.41 -6.89	120.34 -0.79 -0.02	86.18 -0.71 -4.79	69.68 -0.65 -5.86	82.34 -0.81 -4.06
PROJECT___ORANGE 2 24166	78.24 -0.84 0.00	75.84 -0.77 0.00	79.76 -0.73 0.00	84.01 -0.69 0.00	103.76 -0.88 0.00	167.30 -1.15 0.00	165.98 -0.68 0.00	199.64 -1.22 0.00	197.30 -1.18 0.00	108.79 -0.21 -0.07	92.39 -0.31 -0.42	89.01 -0.40 -0.10	65.27 -0.27 -0.92	73.36 -0.49 -1.54	46.06 -0.09 -6.53	47.93 -0.08 -7.35	49.26 -0.07 -8.59	70.78 -0.17 -8.06	130.18 -0.56 -4.05	76.75 -0.41 -6.89	120.34 -0.79 -0.02	86.18 -0.71 -4.79	69.68 -0.65 -5.86	82.34 -0.81 -4.06
PUCKETT___SOLAR 323809	80.32 1.25 0.00	77.93 1.33 0.00	81.91 1.42 0.00	86.16 1.46 0.00	106.43 1.79 0.00	172.17 3.72 0.00	171.19 4.53 0.00	206.45 5.59 0.00	203.83 5.36 0.00	112.98 3.80 -0.25	96.44 2.61 -1.56	92.03 2.36 -0.37	69.68 1.69 -3.36	79.31 1.59 -5.41	63.29 1.04 -22.62	67.34 1.12 -25.56	72.27 1.21 -30.33	94.95 1.90 -30.16	150.61 3.80 -20.12	96.10 1.96 -23.87	125.06 3.44 -0.51	100.76 2.05 -16.60	86.16 1.38 -20.32	94.82 1.66 -14.07
PYRITES___HYD 24023	78.63 -0.44 0.00	75.74 -0.87 0.00	79.71 -0.78 0.00	83.79 -0.91 0.00	103.30 -1.34 0.00	165.11 -3.34 0.00	160.79 -5.87 0.00	195.90 -4.96 0.00	195.03 -3.45 0.00	104.72 -4.20 0.00	88.18 -4.09 0.00	85.17 -4.13 0.00	61.51 -3.11 0.00	69.26 -3.05 0.00	37.36 -2.27 0.00	38.27 -2.38 0.00	38.57 -2.17 0.00	60.21 -2.68 0.00	121.62 -5.08 0.00	67.35 -2.91 0.00	116.91 -4.20 0.00	80.35 -1.75 0.00	63.30 -1.17 0.00	77.95 -1.14 0.00
QUAKERRD_115KV_BK1 80622	75.14 -3.93 0.00	72.88 -3.73 0.00	76.93 -3.56 0.00	81.13 -3.57 0.00	100.12 -4.52 0.00	161.41 -7.04 0.00	159.93 -6.72 0.00	190.69 -10.17 0.00	188.81 -9.66 0.00	104.33 -4.68 -0.09	88.69 -4.13 -0.54	85.24 -4.20 -0.13	62.92 -2.88 -1.18	70.60 -3.58 -1.87	46.24 -1.68 -8.29	48.33 -1.67 -9.34	48.80 -1.82 -9.88	65.96 -2.74 -5.81	121.62 -5.94 -0.87	71.14 -3.49 -4.37	106.95 -5.97 8.19	71.36 -4.21 6.53	66.84 -3.28 -5.65	80.48 -3.75 -5.14
QUEENSBRY_115KV_TB8 356137	85.12 6.05 0.00	82.45 5.84 0.00	86.56 6.07 0.00	91.08 6.37 0.00	112.76 8.12 0.00	182.03 13.57 0.00	179.97 13.31 0.00	218.83 17.96 0.00	215.38 16.90 0.00	117.28 8.50 0.14	98.62 7.24 0.90	95.61 6.51 0.21	67.56 4.88 1.95	92.43 5.93 -14.18	129.84 3.46 -86.75	134.19 3.90 -89.64	128.36 3.90 -83.71	152.14 6.07 -83.18	209.07 12.08 -70.30	166.67 6.78 -89.62	137.17 11.54 -4.52	151.91 7.47 -62.34	146.22 5.47 -76.28	138.25 6.35 -52.81
RAMAPO___LBMP 323565	84.84 5.77 0.00	82.28 5.67 0.00	86.15 5.65 0.00	90.57 5.87 0.00	111.59 6.95 0.00	179.60 11.15 0.00	178.55 11.90 0.00	215.74 14.88 0.00	212.49 14.01 0.00	120.03 8.57 -2.53	115.82 7.49 -16.04	100.26 7.14 -3.80	104.58 5.23 -34.72	104.23 5.98 -25.93	104.17 3.27 -61.27	127.70 3.38 -83.66	183.84 3.34 -139.77	222.91 5.04 -154.98	260.26 10.08 -123.49	142.34 5.47 -66.60	131.54 9.27 -1.16	134.56 6.13 -46.32	125.79 4.64 -56.69	123.79 5.45 -39.25
RANKINE____ 23646	73.22 -5.85 0.00	71.13 -5.48 0.00	75.57 -4.92 0.00	79.94 -4.77 0.00	98.60 -6.04 0.00	158.80 -9.65 0.00	157.16 -9.50 0.00	185.27 -15.58 0.00	183.83 -14.64 0.00	102.38 -6.67 -0.12	87.03 -6.01 -0.76	83.33 -6.16 -0.18	62.06 -4.21 -1.65	69.36 -5.49 -2.54	48.46 -2.66 -11.48	50.91 -2.70 -12.95	50.79 -3.04 -13.10	64.38 -4.37 -5.85	117.99 -9.43 -0.73	67.77 -5.63 -3.13	95.07 -9.15 16.89	58.34 -6.33 17.44	66.13 -4.97 -6.63	80.79 -5.41 -7.11
RAVENSWOOD_GT2_1 24244	86.21 7.13 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.11 7.41 0.00	113.43 8.79 0.00	182.61 14.16 0.00	181.57 14.91 0.00	219.68 18.82 0.00	216.73 18.25 0.00	122.60 10.94 -2.73	119.19 9.62 -17.30	102.57 9.17 -4.10	108.71 6.64 -37.45	107.45 7.52 -27.62	107.77 4.08 -64.07	132.95 4.19 -88.11	193.54 4.11 -148.69	234.44 6.21 -165.33	271.45 12.48 -132.28	146.75 6.77 -69.72	133.79 11.47 -1.21	138.09 7.49 -48.49	129.45 5.64 -59.34	126.92 6.75 -41.08

RAVENSWOOD_GT2_2 24245	86.21 7.13 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.11 7.41 0.00	113.43 8.79 0.00	182.61 14.16 0.00	181.57 14.91 0.00	219.68 18.82 0.00	216.73 18.25 0.00	122.60 10.94 -2.73	119.19 9.62 -17.30	102.57 9.17 -4.10	108.71 6.64 -37.45	107.45 7.52 -27.62	107.77 4.08 -64.07	132.95 4.19 -88.11	193.54 4.11 -148.69	234.44 6.21 -165.33	271.45 12.48 -132.28	146.75 6.77 -69.72	133.79 11.47 -1.21	138.09 7.49 -48.49	129.45 5.64 -59.34	126.92 6.75 -41.08
RAVENSWOOD_GT2_3 24246	86.26 7.19 0.00	83.65 7.04 0.00	87.66 7.17 0.00	92.12 7.42 0.00	113.47 8.83 0.00	182.65 14.20 0.00	181.65 14.99 0.00	219.79 18.93 0.00	216.87 18.39 0.00	122.67 11.01 -2.73	119.23 9.65 -17.30	102.60 9.19 -4.10	108.74 6.67 -37.45	107.50 7.57 -27.62	107.78 4.09 -64.07	132.97 4.21 -88.11	193.56 4.13 -148.69	234.48 6.26 -165.33	271.50 12.53 -132.28	146.80 6.82 -69.72	133.88 11.56 -1.21	138.13 7.53 -48.49	129.49 5.68 -59.34	126.96 6.79 -41.08
RAVENSWOOD_GT2_4 24247	86.26 7.19 0.00	83.65 7.04 0.00	87.66 7.17 0.00	92.12 7.42 0.00	113.47 8.83 0.00	182.65 14.20 0.00	181.65 14.99 0.00	219.79 18.93 0.00	216.87 18.39 0.00	122.67 11.01 -2.73	119.23 9.65 -17.30	102.60 9.19 -4.10	108.74 6.67 -37.45	107.50 7.57 -27.62	107.78 4.09 -64.07	132.97 4.21 -88.11	193.56 4.13 -148.69	234.48 6.26 -165.33	271.50 12.53 -132.28	146.80 6.82 -69.72	133.88 11.56 -1.21	138.13 7.53 -48.49	129.49 5.68 -59.34	126.96 6.79 -41.08
RAVENSWOOD_GT3_1 24248	86.21 7.14 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.11 7.41 0.00	113.43 8.79 0.00	182.61 14.16 0.00	181.58 14.92 0.00	219.68 18.82 0.00	216.75 18.27 0.00	122.61 10.95 -2.73	119.20 9.62 -17.30	102.57 9.17 -4.10	108.71 6.64 -37.45	107.45 7.52 -27.62	107.77 4.08 -64.07	132.95 4.19 -88.11	193.54 4.11 -148.69	234.44 6.21 -165.33	271.45 12.48 -132.28	146.76 6.78 -69.72	133.79 11.47 -1.21	138.09 7.49 -48.49	129.45 5.64 -59.34	126.92 6.75 -41.08
RAVENSWOOD_GT3_2 24249	86.21 7.14 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.11 7.41 0.00	113.43 8.79 0.00	182.61 14.16 0.00	181.58 14.92 0.00	219.68 18.82 0.00	216.75 18.27 0.00	122.61 10.95 -2.73	119.20 9.62 -17.30	102.57 9.17 -4.10	108.71 6.64 -37.45	107.45 7.52 -27.62	107.77 4.08 -64.07	132.95 4.19 -88.11	193.54 4.11 -148.69	234.44 6.21 -165.33	271.45 12.48 -132.28	146.76 6.78 -69.72	133.79 11.47 -1.21	138.09 7.49 -48.49	129.45 5.64 -59.34	126.92 6.75 -41.08
RAVENSWOOD_GT3_3 24250	86.34 7.27 0.00	83.73 7.12 0.00	87.74 7.25 0.00	92.21 7.50 0.00	113.58 8.94 0.00	182.84 14.38 0.00	181.83 15.17 0.00	220.01 19.15 0.00	217.09 18.61 0.00	122.81 11.15 -2.73	119.35 9.77 -17.30	102.73 9.32 -4.10	108.83 6.76 -37.45	107.58 7.65 -27.62	107.83 4.14 -64.07	133.03 4.27 -88.11	193.62 4.19 -148.69	234.56 6.34 -165.33	271.67 12.70 -132.28	146.89 6.90 -69.72	134.01 11.69 -1.21	138.24 7.65 -48.49	129.57 5.76 -59.34	127.05 6.88 -41.08
RAVENSWOOD_GT3_4 24251	86.34 7.27 0.00	83.73 7.12 0.00	87.74 7.25 0.00	92.21 7.50 0.00	113.58 8.94 0.00	182.84 14.38 0.00	181.83 15.17 0.00	220.01 19.15 0.00	217.09 18.61 0.00	122.81 11.15 -2.73	119.35 9.77 -17.30	102.73 9.32 -4.10	108.83 6.76 -37.45	107.58 7.65 -27.62	107.83 4.14 -64.07	133.03 4.27 -88.11	193.62 4.19 -148.69	234.56 6.34 -165.33	271.67 12.70 -132.28	146.89 6.90 -69.72	134.01 11.69 -1.21	138.24 7.65 -48.49	129.57 5.76 -59.34	127.05 6.88 -41.08
RAVENSWOOD_GT_1 23729	90.51 7.52 -3.92	87.09 7.36 -3.12	90.19 7.53 -2.17	93.67 7.76 -1.20	113.86 9.22 0.00	183.24 14.79 0.00	184.04 15.73 -1.65	227.70 19.84 -7.00	222.15 19.34 -4.33	128.31 11.59 -7.79	119.72 10.14 -17.31	104.41 9.69 -5.41	110.26 7.02 -38.61	107.96 7.92 -27.72	112.75 4.29 -68.84	139.36 4.40 -94.31	206.65 4.32 -161.60	296.32 6.54 -226.89	303.95 13.09 -164.16	198.42 7.15 -121.01	197.37 12.09 -64.18	158.53 7.84 -68.58	142.22 5.93 -71.82	132.03 7.11 -45.83
RAVENSWOOD_GT_10 24258	86.65 7.13 -0.45	83.96 6.99 -0.36	87.87 7.12 -0.25	92.22 7.37 -0.14	113.41 8.77 0.00	182.60 14.15 0.00	181.74 14.89 -0.19	220.45 18.78 -0.81	217.20 18.22 -0.50	123.18 10.93 -3.31	119.16 9.59 -17.30	102.65 9.14 -4.20	108.78 6.63 -37.53	107.45 7.51 -27.63	108.31 4.06 -64.62	133.66 4.19 -88.82	195.03 4.11 -150.18	241.54 6.21 -172.43	275.11 12.46 -135.96	152.57 6.76 -75.54	141.04 11.46 -8.48	140.40 7.49 -50.81	130.89 5.64 -60.78	127.47 6.75 -41.63
RAVENSWOOD_GT_11 24259	86.65 7.13 -0.45	83.96 6.99 -0.36	87.87 7.12 -0.25	92.22 7.37 -0.14	113.41 8.77 0.00	182.60 14.15 0.00	181.74 14.89 -0.19	220.45 18.78 -0.81	217.20 18.22 -0.50	123.18 10.93 -3.31	119.16 9.59 -17.30	102.65 9.14 -4.20	108.78 6.63 -37.53	107.45 7.51 -27.63	108.31 4.06 -64.62	133.66 4.19 -88.82	195.03 4.11 -150.18	241.54 6.21 -172.43	275.11 12.46 -135.96	152.57 6.76 -75.54	141.04 11.46 -8.48	140.40 7.49 -50.81	130.89 5.64 -60.78	127.47 6.75 -41.63
RAVENSWOOD_GT_4 24252	89.15 7.09 -2.98	85.94 6.95 -2.38	89.23 7.08 -1.65	92.95 7.33 -0.92	113.37 8.73 0.00	182.51 14.06 0.00	182.71 14.80 -1.26	224.84 18.65 -5.33	219.87 18.10 -3.30	126.36 10.85 -6.58	119.10 9.52 -17.30	103.15 9.08 -4.76	109.20 6.58 -38.00	107.46 7.46 -27.69	111.38 4.05 -67.70	137.65 4.16 -92.83	203.33 4.08 -158.52	281.26 6.17 -212.20	295.60 12.35 -156.56	185.13 6.72 -108.14	181.64 11.38 -49.15	153.34 7.45 -63.79	138.91 5.60 -68.84	130.50 6.71 -44.70
RAVENSWOOD_GT_5 24254	89.15 7.09 -2.98	85.94 6.95 -2.38	89.23 7.08 -1.65	92.95 7.33 -0.92	113.37 8.73 0.00	182.51 14.06 0.00	182.71 14.80 -1.26	224.84 18.65 -5.33	219.87 18.10 -3.30	126.36 10.85 -6.58	119.10 9.52 -17.30	103.15 9.08 -4.76	109.20 6.58 -38.00	107.46 7.46 -27.69	111.38 4.05 -67.70	137.65 4.16 -92.83	203.33 4.08 -158.52	281.26 6.17 -212.20	295.60 12.35 -156.56	185.13 6.72 -108.14	181.64 11.38 -49.15	153.34 7.45 -63.79	138.91 5.60 -68.84	130.50 6.71 -44.70
RAVENSWOOD_GT_6 24253	89.15 7.09 -2.98	85.94 6.95 -2.38	89.23 7.08 -1.65	92.95 7.33 -0.92	113.37 8.73 0.00	182.51 14.06 0.00	182.71 14.80 -1.26	224.84 18.65 -5.33	219.87 18.10 -3.30	126.36 10.85 -6.58	119.10 9.52 -17.30	103.15 9.08 -4.76	109.20 6.58 -38.00	107.46 7.46 -27.69	111.38 4.05 -67.70	137.65 4.16 -92.83	203.33 4.08 -158.52	281.26 6.17 -212.20	295.60 12.35 -156.56	185.13 6.72 -108.14	181.64 11.38 -49.15	153.34 7.45 -63.79	138.91 5.60 -68.84	130.50 6.71 -44.70
RAVENSWOOD_GT_7 24255	89.15 7.09 -2.98	85.94 6.95 -2.38	89.23 7.08 -1.65	92.95 7.33 -0.92	113.37 8.73 0.00	182.51 14.06 0.00	182.71 14.80 -1.26	224.84 18.65 -5.33	219.87 18.10 -3.30	126.36 10.85 -6.58	119.10 9.52 -17.30	103.15 9.08 -4.76	109.20 6.58 -38.00	107.46 7.46 -27.69	111.38 4.05 -67.70	137.65 4.16 -92.83	203.33 4.08 -158.52	281.26 6.17 -212.20	295.60 12.35 -156.56	185.13 6.72 -108.14	181.64 11.38 -49.15	153.34 7.45 -63.79	138.91 5.60 -68.84	130.50 6.71 -44.70
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	86.65 7.13 -0.45	83.96 6.99 -0.36	87.87 7.12 -0.25	92.22 7.37 -0.14	113.41 8.77 0.00	182.60 14.15 0.00	181.74 14.89 -0.19	220.45 18.78 -0.81	217.20 18.22 -0.50	123.18 10.93 -3.31	119.16 9.59 -17.30	102.65 9.14 -4.20	108.78 6.63 -37.53	107.45 7.51 -27.63	108.31 4.06 -64.62	133.66 4.19 -88.82	195.03 4.11 -150.18	241.54 6.21 -172.43	275.11 12.46 -135.96	152.57 6.76 -75.54	141.04 11.46 -8.48	140.40 7.49 -50.81	130.89 5.64 -60.78	127.47 6.75 -41.63

RAVENSWOOD_GT_9 24257	86.65 7.13 -0.45	83.96 6.99 -0.36	87.87 7.12 -0.25	92.22 7.37 -0.14	113.41 8.77 0.00	182.60 14.15 0.00	181.74 14.89 -0.19	220.45 18.78 -0.81	217.20 18.22 -0.50	123.18 10.93 -3.31	119.16 9.59 -17.30	102.65 9.14 -4.20	108.78 6.63 -37.53	107.45 7.51 -27.63	108.31 4.06 -64.62	133.66 4.19 -88.82	195.03 4.11 -150.18	241.54 6.21 -172.43	275.11 12.46 -135.96	152.57 6.76 -75.54	141.04 11.46 -8.48	140.40 7.49 -50.81	130.89 5.64 -60.78	127.47 6.75 -41.63
RAVENSWOOD___1 23533	82.63 7.41 3.86	80.81 7.27 3.08	85.77 7.42 2.14	91.18 7.66 1.18	113.74 9.11 0.00	183.02 14.57 0.00	180.54 15.50 1.63	213.53 19.56 6.89	213.29 19.09 4.27	118.09 11.42 2.25	119.60 10.02 -17.30	102.10 9.54 -3.24	108.25 6.90 -36.73	107.64 7.81 -27.52	103.20 4.21 -59.36	126.98 4.32 -82.00	180.96 4.24 -135.99	174.03 6.42 -104.71	240.48 12.91 -100.88	97.31 7.02 -20.02	72.25 11.94 60.79	118.56 7.75 -28.71	117.35 5.83 -47.05	122.49 7.00 -36.40
RAVENSWOOD___2 23534	82.63 7.41 3.86	80.81 7.27 3.08	85.77 7.42 2.14	91.18 7.66 1.18	113.74 9.11 0.00	183.02 14.57 0.00	180.54 15.50 1.63	213.53 19.56 6.89	213.29 19.09 4.27	118.09 11.42 2.25	119.60 10.02 -17.30	102.10 9.54 -3.24	108.25 6.90 -36.73	107.64 7.81 -27.52	103.20 4.21 -59.36	126.98 4.32 -82.00	180.96 4.24 -135.99	174.03 6.42 -104.71	240.48 12.91 -100.88	97.31 7.02 -20.02	72.25 11.94 60.79	118.56 7.75 -28.71	117.35 5.83 -47.05	122.49 7.00 -36.40
RAVENSWOOD___3 23535	86.22 7.15 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.10 7.39 0.00	113.46 8.82 0.00	182.62 14.17 0.00	181.59 14.93 0.00	219.70 18.84 0.00	216.73 18.25 0.00	122.61 10.95 -2.73	119.19 9.61 -17.30	102.57 9.16 -4.10	108.70 6.63 -37.45	107.47 7.54 -27.62	107.78 4.08 -64.07	132.95 4.19 -88.11	193.54 4.11 -148.69	234.44 6.21 -165.33	271.45 12.48 -132.28	146.75 6.76 -69.72	133.79 11.47 -1.21	138.09 7.49 -48.49	129.45 5.64 -59.34	126.93 6.75 -41.08
RAVENSWOOD___4 23820	82.63 7.41 3.86	80.81 7.27 3.08	85.77 7.42 2.14	91.18 7.66 1.18	113.74 9.11 0.00	183.02 14.57 0.00	180.54 15.50 1.63	213.53 19.56 6.89	213.29 19.09 4.27	118.09 11.42 2.25	119.60 10.02 -17.30	102.10 9.54 -3.24	108.25 6.90 -36.73	107.64 7.81 -27.52	103.20 4.21 -59.36	126.98 4.32 -82.00	180.96 4.24 -135.99	174.03 6.42 -104.71	240.48 12.91 -100.88	97.31 7.02 -20.02	72.25 11.94 60.79	118.56 7.75 -28.71	117.35 5.83 -47.05	122.49 7.00 -36.40
RCPI_TRUST___DRP 24196	86.23 7.16 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.11 7.41 0.00	113.45 8.81 0.00	182.68 14.23 0.00	181.65 14.99 0.00	219.77 18.91 0.00	216.82 18.34 0.00	122.67 11.01 -2.73	119.29 9.72 -17.29	102.72 9.31 -4.10	108.86 6.80 -37.43	107.62 7.70 -27.61	107.84 4.16 -64.05	133.03 4.29 -88.09	193.59 4.19 -148.66	234.52 6.33 -165.29	271.55 12.62 -132.25	146.81 6.84 -69.71	133.91 11.59 -1.21	138.15 7.56 -48.48	129.49 5.69 -59.33	126.95 6.79 -41.07
RED___ROCHESTER 323720	76.88 -2.20 0.00	74.55 -2.06 0.00	78.74 -1.75 0.00	83.07 -1.63 0.00	102.41 -2.23 0.00	165.19 -3.26 0.00	163.67 -2.99 0.00	194.72 -6.14 0.00	192.85 -5.63 0.00	106.73 -2.29 -0.09	90.76 -2.08 -0.56	87.12 -2.33 -0.13	64.39 -1.44 -1.21	72.16 -2.07 -1.91	47.33 -0.82 -8.52	49.46 -0.80 -9.60	49.87 -0.97 -10.11	67.67 -1.28 -6.06	125.74 -3.11 -2.16	72.37 -1.98 -4.08	108.63 -3.28 9.19	71.83 -2.39 7.88	68.27 -1.83 -5.64	82.41 -1.97 -5.28
REGAN___SOLAR 323812	84.38 5.31 0.00	81.67 5.06 0.00	85.71 5.22 0.00	90.31 5.60 0.00	111.79 7.15 0.00	180.57 12.12 0.00	179.73 13.07 0.00	217.04 16.18 0.00	212.57 14.09 0.00	114.98 6.19 0.13	95.45 4.03 0.86	91.80 2.70 0.20	65.76 2.99 1.86	90.80 3.23 -15.26	134.75 2.40 -92.72	139.45 2.86 -95.94	133.83 3.23 -89.87	156.46 5.36 -88.22	208.56 10.82 -71.05	172.28 6.03 -95.98	135.96 10.36 -4.49	155.68 6.82 -66.76	151.13 4.97 -81.69	141.47 5.82 -56.56
RENSSELAER___COGEN 23796	82.51 3.44 0.00	80.03 3.42 0.00	83.99 3.50 0.00	88.37 3.66 0.00	109.11 4.47 0.00	175.05 6.60 0.00	172.50 5.84 0.00	207.63 6.77 0.00	204.88 6.40 0.00	112.71 4.00 0.22	94.63 3.72 1.37	92.50 3.51 0.32	64.22 2.56 2.96	88.42 2.89 -13.22	124.94 1.50 -83.80	128.03 1.39 -85.98	120.21 1.53 -77.95	136.04 2.36 -70.80	172.95 4.67 -41.59	159.35 2.57 -86.51	128.55 4.61 -2.83	145.30 3.02 -60.17	140.87 2.77 -73.64	133.73 3.66 -50.98
REPUBLIC_115KV_BARTNBRK 55605	87.38 8.30 0.00	84.51 7.90 0.00	88.73 8.24 0.00	93.48 8.78 0.00	115.92 11.28 0.00	188.13 19.67 0.00	185.69 19.03 0.00	228.00 27.14 0.00	223.55 25.08 0.00	120.84 12.05 0.14	101.67 10.28 0.88	98.02 8.92 0.21	69.25 6.53 1.91	94.93 8.43 -14.19	131.23 4.90 -86.70	136.11 5.85 -89.61	130.24 5.77 -83.74	154.91 8.86 -83.16	214.46 17.62 -70.14	169.74 9.91 -89.57	142.70 17.09 -4.50	155.24 10.84 -62.30	148.58 7.88 -76.23	140.81 8.94 -52.78
REVERE_CPFR_DRP 24186	82.33 3.25 0.00	79.63 3.02 0.00	83.84 3.35 0.00	88.37 3.67 0.00	109.40 4.76 0.00	176.61 8.16 0.00	176.08 9.43 0.00	212.76 11.90 0.00	210.53 12.05 0.00	115.66 6.73 0.00	97.70 5.42 0.00	94.13 4.82 0.00	67.90 3.28 0.00	76.55 3.64 -0.60	45.13 2.07 -3.43	46.42 2.18 -3.59	46.51 2.35 -3.42	69.44 3.72 -2.83	135.06 7.60 -0.77	77.86 3.99 -3.61	128.10 6.98 -0.01	89.22 4.61 -2.51	70.83 3.29 -3.07	84.91 3.69 -2.13
REYNOLDS_115KV_TB3 80639	83.15 4.08 0.00	80.66 4.05 0.00	84.69 4.20 0.00	89.10 4.39 0.00	110.01 5.37 0.00	176.52 8.07 0.00	173.94 7.28 0.00	210.10 9.23 0.00	207.39 8.92 0.00	113.88 5.06 0.12	96.13 4.59 0.74	93.43 4.29 0.17	66.13 3.11 1.60	89.99 3.79 -13.89	125.93 2.09 -84.21	129.91 2.08 -87.18	124.15 2.03 -81.38	141.63 2.90 -75.84	184.57 5.94 -51.94	160.13 3.18 -86.68	129.73 5.56 -3.06	146.08 3.69 -60.29	141.41 3.17 -73.78	134.16 3.99 -51.08
RIVERBAY____ 323610	86.55 7.47 0.00	84.03 7.42 0.00	88.10 7.61 0.00	92.53 7.82 0.00	114.01 9.37 0.00	183.41 14.96 0.00	182.98 16.32 0.00	221.64 20.78 0.00	218.29 19.82 0.00	123.33 11.67 -2.73	119.65 10.07 -17.30	102.92 9.51 -4.11	108.92 6.85 -37.45	107.78 7.85 -27.62	107.96 4.26 -64.07	133.19 4.43 -88.11	193.82 4.39 -148.69	234.91 6.69 -165.33	272.27 13.29 -132.28	147.26 7.27 -69.72	134.57 12.25 -1.21	138.61 8.02 -48.49	129.90 6.09 -59.34	127.38 7.20 -41.08
RIVERSIDE_115KV_TB3 55908	82.84 3.77 0.00	80.34 3.74 0.00	84.32 3.83 0.00	88.74 4.04 0.00	109.55 4.91 0.00	175.83 7.38 0.00	173.32 6.66 0.00	208.87 8.01 0.00	206.16 7.69 0.00	113.33 4.59 0.19	95.37 4.28 1.19	93.03 4.00 0.28	64.97 2.91 2.57	89.14 3.36 -13.47	125.65 1.79 -84.22	129.02 1.73 -86.64	121.85 1.80 -79.32	140.35 2.75 -74.71	182.45 5.57 -50.19	160.13 2.99 -86.88	129.48 5.29 -3.09	145.98 3.45 -60.43	141.48 3.06 -73.95	134.22 3.93 -51.20
ROARING___BROOK_WT_PWR 323790	77.70 -1.37 0.00	75.10 -1.51 0.00	78.97 -1.52 0.00	83.08 -1.62 0.00	102.99 -1.65 0.00	165.85 -2.61 0.00	164.37 -2.29 0.00	198.52 -2.34 0.00	196.34 -2.14 0.00	107.38 -1.55 0.00	90.63 -1.65 0.00	87.62 -1.69 0.00	63.25 -1.37 0.00	70.88 -1.43 0.00	38.64 -0.99 0.00	39.64 -1.02 0.00	39.85 -0.88 0.00	61.71 -1.18 0.00	124.61 -2.08 0.00	69.13 -1.13 0.00	119.54 -1.57 0.00	81.20 -0.91 0.00	63.82 -0.65 0.00	78.28 -0.81 0.00

ROCHESRG_115KV_T4 355643	75.90 -3.17 0.00	73.62 -2.99 0.00	77.78 -2.72 0.00	82.04 -2.67 0.00	101.20 -3.44 0.00	163.07 -5.38 0.00	161.47 -5.19 0.00	191.96 -8.89 0.00	190.20 -8.27 0.00	105.18 -3.84 -0.09	89.39 -3.44 -0.55	85.86 -3.59 -0.13	63.42 -2.41 -1.20	71.12 -3.09 -1.90	46.70 -1.38 -8.45	48.82 -1.36 -9.52	49.20 -1.56 -10.03	66.65 -2.29 -6.05	123.81 -5.05 -2.17	71.32 -3.03 -4.08	107.04 -5.02 9.05	70.82 -3.56 7.72	67.37 -2.70 -5.61	81.38 -2.95 -5.24
ROCHESTER_9_IC 23652	76.41 -2.66 0.00	74.10 -2.51 0.00	78.29 -2.20 0.00	82.59 -2.11 0.00	101.88 -2.76 0.00	164.22 -4.23 0.00	162.68 -3.98 0.00	193.45 -7.41 0.00	191.62 -6.85 0.00	105.98 -3.03 -0.09	90.12 -2.72 -0.56	86.52 -2.92 -0.13	63.91 -1.92 -1.21	71.68 -2.54 -1.91	47.07 -1.08 -8.52	49.20 -1.06 -9.60	49.59 -1.24 -10.11	67.18 -1.78 -6.06	124.81 -4.03 -2.16	71.88 -2.47 -4.08	107.82 -4.10 9.19	71.26 -2.96 7.88	67.84 -2.27 -5.64	81.93 -2.44 -5.28
ROCKVIEW_13_KV_LD 356306	86.26 7.20 0.00	83.64 7.03 0.00	87.65 7.16 0.00	92.14 7.43 0.00	113.54 8.90 0.00	182.80 14.35 0.00	181.66 15.00 0.00	219.77 18.91 0.00	216.71 18.23 0.00	122.54 10.88 -2.73	119.12 9.55 -17.30	102.51 9.11 -4.10	108.68 6.61 -37.44	107.43 7.51 -27.61	107.77 4.09 -64.06	132.99 4.24 -88.10	193.60 4.18 -148.68	234.55 6.34 -165.32	271.70 12.74 -132.27	146.89 6.91 -69.71	134.04 11.72 -1.21	138.30 7.70 -48.49	129.58 5.78 -59.34	127.06 6.89 -41.08
ROME____115KV_TB2 80656	82.33 3.25 0.00	79.63 3.02 0.00	83.84 3.35 0.00	88.37 3.67 0.00	109.40 4.76 0.00	176.61 8.16 0.00	176.08 9.43 0.00	212.76 11.90 0.00	210.53 12.05 0.00	115.66 6.73 0.00	97.70 5.42 0.00	94.13 4.82 0.00	67.90 3.28 0.00	76.55 3.64 -0.60	45.13 2.07 -3.43	46.42 2.18 -3.59	46.51 2.35 -3.42	69.44 3.72 -2.83	135.06 7.60 -0.77	77.86 3.99 -3.61	128.10 6.98 -0.01	89.22 4.61 -2.51	70.83 3.29 -3.07	84.91 3.69 -2.13
ROSETON___1 23587	85.05 5.97 0.00	82.46 5.85 0.00	86.43 5.94 0.00	90.87 6.16 0.00	112.01 7.37 0.00	180.19 11.74 0.00	178.92 12.27 0.00	216.35 15.49 0.00	213.27 14.79 0.00	120.47 8.87 -2.67	116.99 7.76 -16.95	100.72 7.40 -4.01	106.69 5.39 -36.68	105.62 6.17 -27.14	106.27 3.36 -63.28	131.00 3.48 -86.86	190.37 3.45 -146.19	230.52 5.21 -162.42	266.94 10.44 -129.80	144.69 5.58 -68.85	131.84 9.53 -1.20	136.28 6.30 -47.88	127.82 4.75 -58.60	125.33 5.67 -40.57
ROSETON___2 23588	85.05 5.97 0.00	82.46 5.85 0.00	86.43 5.94 0.00	90.87 6.16 0.00	112.01 7.37 0.00	180.19 11.74 0.00	178.92 12.27 0.00	216.35 15.49 0.00	213.27 14.79 0.00	120.47 8.87 -2.67	116.99 7.76 -16.95	100.72 7.40 -4.01	106.69 5.39 -36.68	105.62 6.17 -27.14	106.27 3.36 -63.28	131.00 3.48 -86.86	190.37 3.45 -146.19	230.52 5.21 -162.42	266.94 10.44 -129.80	144.69 5.58 -68.85	131.84 9.53 -1.20	136.28 6.30 -47.88	127.82 4.75 -58.60	125.33 5.67 -40.57
ROTRRDAM_115KV_TB3 80664	82.39 3.32 0.00	79.87 3.26 0.00	83.84 3.34 0.00	88.23 3.52 0.00	109.00 4.36 0.00	175.44 6.98 0.00	173.56 6.90 0.00	209.62 8.75 0.00	206.66 8.19 0.00	113.15 4.41 0.19	94.83 3.74 1.19	92.44 3.41 0.28	64.65 2.60 2.57	89.45 3.07 -14.07	129.07 1.77 -87.67	132.81 1.90 -90.25	126.01 1.92 -83.35	149.38 2.97 -83.52	205.56 5.96 -72.91	164.28 3.39 -90.62	131.76 5.81 -4.85	149.02 3.89 -63.03	144.47 2.87 -77.13	135.96 3.47 -53.40
RUSSELL___1 23602	76.89 -2.18 0.00	74.55 -2.06 0.00	78.75 -1.74 0.00	83.05 -1.66 0.00	102.47 -2.17 0.00	165.21 -3.25 0.00	163.68 -2.98 0.00	194.69 -6.17 0.00	192.79 -5.68 0.00	106.69 -2.33 -0.09	90.71 -2.13 -0.56	87.11 -2.33 -0.13	64.34 -1.49 -1.21	72.14 -2.08 -1.91	47.33 -0.82 -8.52	49.48 -0.78 -9.60	49.88 -0.96 -10.11	67.64 -1.31 -6.06	125.74 -3.11 -2.16	72.38 -1.97 -4.08	108.62 -3.29 9.19	71.81 -2.41 7.88	68.25 -1.86 -5.64	82.38 -1.99 -5.28
RUSSELL___2 23532	76.89 -2.18 0.00	74.55 -2.06 0.00	78.75 -1.74 0.00	83.05 -1.66 0.00	102.47 -2.17 0.00	165.21 -3.25 0.00	163.68 -2.98 0.00	194.69 -6.17 0.00	192.79 -5.68 0.00	106.69 -2.33 -0.09	90.71 -2.13 -0.56	87.11 -2.33 -0.13	64.34 -1.49 -1.21	72.14 -2.08 -1.91	47.33 -0.82 -8.52	49.48 -0.78 -9.60	49.88 -0.96 -10.11	67.64 -1.31 -6.06	125.74 -3.11 -2.16	72.38 -1.97 -4.08	108.62 -3.29 9.19	71.81 -2.41 7.88	68.25 -1.86 -5.64	82.38 -1.99 -5.28
RUSSELL___3 23549	76.89 -2.18 0.00	74.55 -2.06 0.00	78.75 -1.74 0.00	83.05 -1.66 0.00	102.47 -2.17 0.00	165.21 -3.25 0.00	163.68 -2.98 0.00	194.69 -6.17 0.00	192.79 -5.68 0.00	106.69 -2.33 -0.09	90.71 -2.13 -0.56	87.11 -2.33 -0.13	64.34 -1.49 -1.21	72.14 -2.08 -1.91	47.33 -0.82 -8.52	49.48 -0.78 -9.60	49.88 -0.96 -10.11	67.64 -1.31 -6.06	125.74 -3.11 -2.16	72.38 -1.97 -4.08	108.62 -3.29 9.19	71.81 -2.41 7.88	68.25 -1.86 -5.64	82.38 -1.99 -5.28
RUSSELL___4 23556	76.89 -2.18 0.00	74.55 -2.06 0.00	78.75 -1.74 0.00	83.05 -1.66 0.00	102.47 -2.17 0.00	165.21 -3.25 0.00	163.68 -2.98 0.00	194.69 -6.17 0.00	192.79 -5.68 0.00	106.69 -2.33 -0.09	90.71 -2.13 -0.56	87.11 -2.33 -0.13	64.34 -1.49 -1.21	72.14 -2.08 -1.91	47.33 -0.82 -8.52	49.48 -0.78 -9.60	49.88 -0.96 -10.11	67.64 -1.31 -6.06	125.74 -3.11 -2.16	72.38 -1.97 -4.08	108.62 -3.29 9.19	71.81 -2.41 7.88	68.25 -1.86 -5.64	82.38 -1.99 -5.28
RUSSELL___STATION 23914	76.89 -2.18 0.00	74.55 -2.06 0.00	78.75 -1.74 0.00	83.05 -1.66 0.00	102.47 -2.17 0.00	165.21 -3.25 0.00	163.68 -2.98 0.00	194.69 -6.17 0.00	192.79 -5.68 0.00	106.69 -2.33 -0.09	90.71 -2.13 -0.56	87.11 -2.33 -0.13	64.34 -1.49 -1.21	72.14 -2.08 -1.91	47.33 -0.82 -8.52	49.48 -0.78 -9.60	49.88 -0.96 -10.11	67.64 -1.31 -6.06	125.74 -3.11 -2.16	72.38 -1.97 -4.08	108.62 -3.29 9.19	71.81 -2.41 7.88	68.25 -1.86 -5.64	82.38 -1.99 -5.28
S SALMON___HYD 24043	77.36 -1.71 0.00	74.84 -1.77 0.00	78.96 -1.53 0.00	83.24 -1.46 0.00	102.85 -1.79 0.00	165.76 -2.69 0.00	165.27 -1.38 0.00	198.46 -2.40 0.00	196.17 -2.31 0.00	107.75 -1.18 0.00	91.13 -1.15 0.00	87.77 -1.54 0.00	63.36 -1.27 0.00	71.55 -1.63 -0.86	43.76 -0.82 -4.95	45.15 -0.68 -5.17	45.16 -0.51 -4.94	66.39 -0.58 -4.08	126.63 -1.16 -1.11	74.60 -0.88 -5.21	119.76 -1.37 -0.02	84.85 -0.87 -3.63	68.04 -0.87 -4.44	80.89 -1.27 -3.07
S.PERRY__115KV_TB1 80734	77.98 -1.09 0.00	75.72 -0.89 0.00	80.10 -0.39 0.00	84.72 0.02 0.00	104.94 0.31 0.00	169.83 1.38 0.00	166.24 -0.42 0.00	192.77 -8.08 0.00	191.02 -7.46 0.00	105.51 -3.55 -0.13	89.78 -3.30 -0.81	86.55 -2.95 -0.19	64.85 -1.52 -1.75	72.18 -2.72 -2.58	50.68 -0.94 -11.99	53.34 -0.84 -13.53	52.73 -0.89 -12.89	64.45 -1.25 -2.81	120.08 -4.19 2.42	69.07 -1.22 -0.03	98.83 1.55 23.82	54.26 -0.29 27.56	69.39 -0.67 -5.59	85.80 -0.71 -7.41
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	72.76 -6.31 0.00	70.67 -5.94 0.00	75.09 -5.40 0.00	79.38 -5.32 0.00	97.80 -6.83 0.00	157.38 -11.07 0.00	155.58 -11.08 0.00	183.04 -17.82 0.00	181.70 -16.77 0.00	101.13 -7.92 -0.11	85.99 -7.02 -0.73	82.33 -7.15 -0.17	61.31 -4.89 -1.58	68.56 -6.19 -2.44	47.62 -3.00 -11.00	50.02 -3.05 -12.41	49.91 -3.43 -12.61	63.79 -4.98 -5.88	116.96 -10.68 -0.95	67.27 -6.28 -3.28	95.18 -10.28 15.65	59.21 -7.00 15.89	65.51 -5.42 -6.47	80.04 -5.86 -6.81

SAWYER___23_KV_LOAD 55526	72.76 -6.31 0.00	70.67 -5.94 0.00	75.09 -5.40 0.00	79.38 -5.32 0.00	97.80 -6.83 0.00	157.38 -11.07 0.00	155.58 -11.08 0.00	183.04 -17.82 0.00	181.70 -16.77 0.00	101.13 -7.92 -0.11	85.99 -7.02 -0.73	82.33 -7.15 -0.17	61.31 -4.89 -1.58	68.56 -6.19 -2.44	47.62 -3.00 -11.00	50.02 -3.05 -12.41	49.91 -3.43 -12.61	63.79 -4.98 -5.88	116.96 -10.68 -0.95	67.27 -6.28 -3.28	95.18 -10.28 15.65	59.21 -7.00 15.89	65.51 -5.42 -6.47	80.04 -5.86 -6.81
SELKIRK___I 23801	82.53 3.46 0.00	80.04 3.43 0.00	84.05 3.56 0.00	88.45 3.75 0.00	109.24 4.60 0.00	175.45 6.99 0.00	172.97 6.32 0.00	208.29 7.43 0.00	205.31 6.84 0.00	112.71 3.91 0.13	94.95 3.50 0.83	92.26 3.15 0.20	65.17 2.34 1.80	88.55 2.77 -13.47	123.00 1.49 -81.89	127.19 1.52 -85.02	121.20 1.66 -78.81	136.35 2.53 -70.93	170.84 5.11 -39.03	158.27 2.85 -85.15	128.46 5.04 -2.31	144.68 3.35 -59.23	139.73 2.78 -72.48	132.90 3.63 -50.18
SELKIRK___II 23799	82.42 3.35 0.00	79.90 3.29 0.00	83.90 3.41 0.00	88.28 3.57 0.00	108.99 4.36 0.00	175.02 6.56 0.00	172.67 6.01 0.00	208.03 7.16 0.00	205.26 6.79 0.00	112.80 4.13 0.25	94.40 3.72 1.61	92.42 3.49 0.38	63.70 2.55 3.47	88.15 2.92 -12.91	124.67 1.56 -83.48	127.39 1.53 -85.20	118.50 1.62 -76.14	132.69 2.46 -67.35	167.25 4.95 -35.62	159.08 2.72 -86.10	128.36 4.83 -2.42	145.19 3.20 -59.88	140.47 2.72 -73.28	133.32 3.50 -50.73
SENECA OSWGO___HYD 24041	76.92 -2.15 0.00	74.54 -2.07 0.00	78.39 -2.10 0.00	82.56 -2.14 0.00	101.95 -2.69 0.00	164.35 -4.10 0.00	163.07 -3.58 0.00	196.13 -4.73 0.00	193.85 -4.63 0.00	106.69 -2.24 0.00	90.26 -2.02 0.00	87.24 -2.07 0.00	63.16 -1.47 0.00	71.46 -1.77 -0.92	44.11 -0.80 -5.28	45.39 -0.79 -5.53	45.26 -0.75 -5.27	66.05 -1.20 -4.36	125.26 -2.62 -1.18	74.30 -1.54 -5.57	118.40 -2.73 -0.02	84.00 -1.98 -3.88	67.59 -1.62 -4.74	80.32 -2.05 -3.28
SENECA___115KV_TB3 355854	73.34 -5.73 0.00	71.27 -5.34 0.00	75.71 -4.78 0.00	80.10 -4.61 0.00	98.79 -5.85 0.00	159.13 -9.32 0.00	157.49 -9.17 0.00	185.68 -15.18 0.00	184.23 -14.25 0.00	102.62 -6.43 -0.12	87.24 -5.80 -0.76	83.52 -5.97 -0.18	62.21 -4.06 -1.65	69.51 -5.34 -2.54	48.54 -2.57 -11.48	51.00 -2.61 -12.95	50.88 -2.95 -13.10	64.51 -4.23 -5.85	118.26 -9.15 -0.73	67.92 -5.48 -3.13	95.32 -8.89 16.89	58.50 -6.16 17.44	66.24 -4.85 -6.63	80.94 -5.26 -7.11
SENECA___ENERGY 23797	78.19 -0.88 0.00	75.82 -0.79 0.00	79.86 -0.63 0.00	84.28 -0.43 0.00	104.11 -0.53 0.00	168.00 -0.45 0.00	166.42 -0.24 0.00	199.63 -1.23 0.00	197.33 -1.14 0.00	109.00 -0.03 -0.10	92.57 -0.33 -0.63	89.18 -0.28 -0.15	66.07 0.09 -1.36	74.07 -0.48 -2.24	49.06 -0.02 -9.45	51.38 0.08 -10.65	53.35 0.06 -12.55	75.47 0.25 -12.33	134.55 0.03 -7.83	80.14 -0.09 -9.97	120.85 -0.43 -0.18	88.50 -0.54 -6.93	72.34 -0.61 -8.48	84.12 -0.84 -5.87
SHOEMAKER___GT 23640	84.35 5.28 0.00	81.81 5.19 0.00	85.72 5.23 0.00	90.05 5.35 0.00	111.01 6.37 0.00	178.72 10.26 0.00	177.51 10.85 0.00	214.36 13.50 0.00	211.26 12.78 0.00	118.91 7.66 -2.32	113.58 6.59 -14.71	99.06 6.26 -3.49	101.10 4.64 -31.84	101.79 5.33 -24.15	100.86 2.92 -58.31	122.68 3.09 -78.94	174.09 3.06 -130.30	211.56 4.66 -144.01	250.20 9.34 -114.16	138.57 5.01 -63.30	130.73 8.52 -1.10	131.80 5.67 -44.02	122.61 4.27 -53.87	121.46 5.07 -37.30
SHOEMAKR_138KV_BK 111 55601	84.27 5.21 0.00	81.73 5.12 0.00	85.64 5.15 0.00	90.01 5.31 0.00	110.94 6.31 0.00	178.63 10.17 0.00	177.42 10.76 0.00	214.27 13.41 0.00	211.14 12.66 0.00	118.86 7.64 -2.30	113.42 6.59 -14.55	99.02 6.26 -3.45	100.74 4.63 -31.49	101.52 5.28 -23.93	100.46 2.91 -57.93	122.05 3.05 -78.34	172.88 3.03 -129.12	210.14 4.60 -142.64	248.89 9.20 -113.01	138.09 4.95 -62.87	130.58 8.38 -1.10	131.41 5.57 -43.73	122.19 4.21 -53.51	121.10 4.96 -37.05
SHOREHAM_IC_1 23715	87.97 8.89 0.00	84.97 8.36 0.00	88.63 8.14 0.00	93.46 8.76 0.00	115.75 11.11 0.00	185.82 17.37 0.00	183.51 16.85 0.00	222.61 21.75 0.00	216.91 18.44 0.00	122.39 10.62 -2.84	123.81 10.50 -21.03	94.41 9.38 4.28	92.71 6.67 -21.42	99.97 7.53 -20.14	101.13 4.38 -57.12	138.42 4.92 -92.85	197.01 5.00 -151.28	235.03 6.78 -165.37	273.53 14.53 -132.31	148.83 8.57 -70.00	136.56 14.24 -1.21	139.52 8.92 -48.50	130.94 7.12 -59.35	128.52 8.34 -41.09
SHOREHAM_IC_2 23716	87.97 8.89 0.00	84.97 8.36 0.00	88.63 8.14 0.00	93.46 8.76 0.00	115.75 11.11 0.00	185.82 17.37 0.00	183.51 16.85 0.00	222.61 21.75 0.00	216.91 18.44 0.00	122.39 10.62 -2.84	123.81 10.50 -21.03	94.41 9.38 4.28	92.71 6.67 -21.42	99.97 7.53 -20.14	101.13 4.38 -57.12	138.42 4.92 -92.85	197.01 5.00 -151.28	235.03 6.78 -165.37	273.53 14.53 -132.31	148.83 8.57 -70.00	136.56 14.24 -1.21	139.52 8.92 -48.50	130.94 7.12 -59.35	128.52 8.34 -41.09
SISSONVILLE____ 23735	77.25 -1.82 0.00	74.39 -2.22 0.00	78.33 -2.16 0.00	82.33 -2.37 0.00	101.44 -3.20 0.00	162.01 -6.44 0.00	157.27 -9.38 0.00	191.71 -9.15 0.00	190.79 -7.69 0.00	102.56 -6.37 0.00	86.81 -5.47 0.00	84.22 -5.09 0.00	60.84 -3.79 0.00	68.41 -3.90 0.00	36.81 -2.82 0.00	37.60 -3.06 0.00	37.83 -2.91 0.00	58.86 -4.03 0.00	118.95 -7.74 0.00	65.91 -4.36 0.00	114.53 -6.58 0.00	78.99 -3.12 0.00	62.35 -2.12 0.00	76.84 -2.24 0.00
SITHE_IND_GS1 24169	76.16 -2.92 0.00	73.78 -2.83 0.00	77.61 -2.88 0.00	81.71 -3.00 0.00	100.91 -3.73 0.00	162.55 -5.90 0.00	161.06 -5.60 0.00	193.76 -7.10 0.00	191.45 -7.02 0.00	105.33 -3.60 0.00	89.13 -3.15 0.00	86.18 -3.13 0.00	62.40 -2.22 0.00	70.36 -2.62 -0.67	42.22 -1.27 -3.86	43.38 -1.31 -4.04	43.31 -1.28 -3.85	64.00 -2.07 -3.18	123.19 -4.37 -0.86	71.87 -2.46 -4.07	116.87 -4.25 -0.01	81.97 -2.96 -2.83	65.57 -2.35 -3.46	78.61 -2.88 -2.40
SITHE_IND_GS2 24170	76.16 -2.92 0.00	73.78 -2.83 0.00	77.61 -2.88 0.00	81.71 -3.00 0.00	100.91 -3.73 0.00	162.55 -5.90 0.00	161.06 -5.60 0.00	193.76 -7.10 0.00	191.45 -7.02 0.00	105.33 -3.60 0.00	89.13 -3.15 0.00	86.18 -3.13 0.00	62.40 -2.22 0.00	70.36 -2.62 -0.67	42.22 -1.27 -3.86	43.38 -1.31 -4.04	43.31 -1.28 -3.85	64.00 -2.07 -3.18	123.19 -4.37 -0.86	71.87 -2.46 -4.07	116.87 -4.25 -0.01	81.97 -2.96 -2.83	65.57 -2.35 -3.46	78.61 -2.88 -2.40
SITHE_IND_GS3 24171	76.16 -2.92 0.00	73.78 -2.83 0.00	77.61 -2.88 0.00	81.71 -3.00 0.00	100.91 -3.73 0.00	162.55 -5.90 0.00	161.06 -5.60 0.00	193.76 -7.10 0.00	191.45 -7.02 0.00	105.33 -3.60 0.00	89.13 -3.15 0.00	86.18 -3.13 0.00	62.40 -2.22 0.00	70.36 -2.62 -0.67	42.22 -1.27 -3.86	43.38 -1.31 -4.04	43.31 -1.28 -3.85	64.00 -2.07 -3.18	123.19 -4.37 -0.86	71.87 -2.46 -4.07	116.87 -4.25 -0.01	81.97 -2.96 -2.83	65.57 -2.35 -3.46	78.61 -2.88 -2.40
SITHE_IND_GS4 24172	76.16 -2.92 0.00	73.78 -2.83 0.00	77.61 -2.88 0.00	81.71 -3.00 0.00	100.91 -3.73 0.00	162.55 -5.90 0.00	161.06 -5.60 0.00	193.76 -7.10 0.00	191.45 -7.02 0.00	105.33 -3.60 0.00	89.13 -3.15 0.00	86.18 -3.13 0.00	62.40 -2.22 0.00	70.36 -2.62 -0.67	42.22 -1.27 -3.86	43.38 -1.31 -4.04	43.31 -1.28 -3.85	64.00 -2.07 -3.18	123.19 -4.37 -0.86	71.87 -2.46 -4.07	116.87 -4.25 -0.01	81.97 -2.96 -2.83	65.57 -2.35 -3.46	78.61 -2.88 -2.40

SITHE___BATAVIA 24024	76.06 -3.01 0.00	73.78 -2.83 0.00	78.19 -2.30 0.00	82.57 -2.13 0.00	101.65 -2.99 0.00	164.02 -4.43 0.00	162.66 -4.00 0.00	192.08 -8.78 0.00	190.50 -7.98 0.00	105.66 -3.37 -0.10	89.49 -3.43 -0.64	85.65 -3.82 -0.15	63.56 -2.46 -1.39	71.05 -3.44 -2.17	47.83 -1.55 -9.75	50.19 -1.47 -10.99	50.45 -1.64 -11.36	66.93 -1.97 -6.01	123.58 -4.71 -1.59	71.00 -2.98 -3.72	104.20 -4.57 12.33	67.05 -3.29 11.76	67.84 -2.69 -6.06	82.31 -2.82 -6.04
SITHE___INDEPEND 23800	76.15 -2.92 0.00	73.78 -2.83 0.00	77.61 -2.88 0.00	81.71 -3.00 0.00	100.92 -3.71 0.00	162.56 -5.89 0.00	161.05 -5.60 0.00	193.76 -7.10 0.00	191.46 -7.02 0.00	105.32 -3.61 0.00	89.13 -3.15 0.00	86.18 -3.13 0.00	62.40 -2.22 0.00	70.36 -2.62 -0.67	42.22 -1.27 -3.86	43.38 -1.31 -4.04	43.30 -1.28 -3.85	64.00 -2.08 -3.18	123.20 -4.36 -0.86	71.88 -2.45 -4.07	116.88 -4.25 -0.01	81.98 -2.96 -2.83	65.57 -2.36 -3.46	78.60 -2.89 -2.40
SITHE___MASSENA 23902	77.60 -1.48 0.00	74.88 -1.73 0.00	78.74 -1.75 0.00	82.76 -1.95 0.00	102.31 -2.33 0.00	164.20 -4.26 0.00	160.70 -5.96 0.00	194.94 -5.92 0.00	193.73 -4.75 0.00	104.50 -4.43 0.00	88.22 -4.06 0.00	85.80 -3.51 0.00	62.11 -2.52 0.00	69.80 -2.51 0.00	37.68 -1.94 0.00	38.60 -2.05 0.00	38.72 -2.01 0.00	60.07 -2.82 0.00	121.25 -5.44 0.00	67.27 -3.00 0.00	116.52 -4.58 0.00	79.57 -2.54 0.00	62.55 -1.92 0.00	76.94 -2.14 0.00
SITHE___OGDNSBRG 24021	78.58 -0.49 0.00	75.72 -0.89 0.00	79.66 -0.83 0.00	83.75 -0.95 0.00	103.38 -1.25 0.00	165.64 -2.82 0.00	161.67 -4.99 0.00	196.65 -4.21 0.00	195.67 -2.80 0.00	105.09 -3.84 0.00	88.39 -3.89 0.00	85.44 -3.87 0.00	61.78 -2.84 0.00	69.53 -2.78 0.00	37.53 -2.10 0.00	38.49 -2.16 0.00	38.78 -1.96 0.00	60.50 -2.39 0.00	122.18 -4.51 0.00	67.70 -2.57 0.00	117.38 -3.72 0.00	80.45 -1.65 0.00	63.29 -1.18 0.00	77.87 -1.22 0.00
SITHE___STERLING 23777	81.60 2.53 0.00	79.10 2.49 0.00	83.24 2.75 0.00	87.68 2.98 0.00	108.60 3.97 0.00	175.35 6.90 0.00	174.52 7.87 0.00	210.51 9.65 0.00	208.08 9.60 0.00	114.32 5.39 0.00	96.67 4.39 0.00	93.25 3.94 0.00	67.27 2.65 0.00	76.01 2.99 -0.71	45.42 1.72 -4.08	46.73 1.81 -4.27	46.72 1.92 -4.07	69.17 2.92 -3.37	133.43 5.83 -0.91	77.63 3.06 -4.30	126.39 5.26 -0.02	88.48 3.39 -2.99	70.57 2.44 -3.66	84.37 2.75 -2.53
SLEIGHT__34_KV_TB1 80719	77.19 -1.89 0.00	74.89 -1.72 0.00	78.97 -1.52 0.00	83.25 -1.46 0.00	102.90 -1.74 0.00	166.03 -2.42 0.00	164.81 -1.85 0.00	197.05 -3.81 0.00	195.03 -3.44 0.00	107.71 -1.31 -0.09	91.48 -1.36 -0.56	88.00 -1.44 -0.13	64.89 -0.94 -1.21	72.82 -1.44 -1.95	47.58 -0.51 -8.47	49.74 -0.46 -9.54	50.80 -0.55 -10.61	70.57 -0.74 -8.42	129.21 -1.94 -4.46	75.39 -1.26 -6.39	114.18 -2.25 4.68	79.21 -1.79 1.10	69.54 -1.49 -6.56	82.65 -1.70 -5.26
SOUTH CAIRO___GT 23612	86.43 7.35 0.00	83.71 7.10 0.00	87.95 7.46 0.00	92.72 8.01 0.00	114.59 9.95 0.00	184.18 15.73 0.00	182.17 15.51 0.00	219.82 18.96 0.00	216.50 18.03 0.00	117.90 8.64 -0.33	101.51 7.12 -2.11	96.15 6.34 -0.50	73.57 4.38 -4.57	92.44 4.46 -15.67	121.16 3.98 -77.56	128.82 3.20 -84.96	134.45 4.06 -89.66	155.77 6.55 -86.33	195.36 12.92 -55.75	159.01 6.64 -82.10	134.86 11.51 -2.25	146.69 7.48 -57.10	140.30 5.95 -69.88	135.10 7.62 -48.38
SOUTH HAMPTN___IC 23720	88.04 8.97 0.00	85.07 8.47 0.00	88.73 8.24 0.00	93.59 8.89 0.00	116.02 11.38 0.00	186.26 17.81 0.00	183.69 17.04 0.00	222.84 21.98 0.00	217.95 19.48 0.00	122.84 11.07 -2.84	124.01 10.75 -20.98	94.60 9.67 4.38	92.76 6.90 -21.23	100.14 7.77 -20.05	101.19 4.52 -57.04	138.50 5.05 -92.79	197.08 5.10 -151.25	235.04 6.78 -165.37	273.57 14.57 -132.31	149.12 8.86 -70.00	136.98 14.66 -1.21	139.77 9.17 -48.50	131.10 7.28 -59.35	128.77 8.59 -41.09
SOUTHDOW_115KV_TB1 355954	73.80 -5.27 0.00	71.81 -4.80 0.00	76.37 -4.12 0.00	80.87 -3.83 0.00	100.50 -4.14 0.00	163.03 -5.43 0.00	162.28 -4.38 0.00	192.32 -8.54 0.00	190.83 -7.65 0.00	106.76 -2.30 -0.13	90.33 -2.77 -0.82	86.01 -3.49 -0.19	64.30 -2.10 -1.78	71.79 -3.24 -2.72	50.70 -1.29 -12.37	52.92 -1.69 -13.95	52.66 -2.01 -13.93	65.49 -2.95 -5.55	120.18 -6.58 -0.07	68.51 -4.37 -2.62	94.11 -7.37 19.63	56.11 -5.04 20.96	67.15 -4.14 -6.83	82.18 -4.57 -7.65
SOUTHOLD_69_KV_BK 2 55809	87.60 8.53 0.00	84.62 8.02 0.00	88.24 7.75 0.00	93.11 8.40 0.00	115.57 10.92 0.00	185.63 17.18 0.00	180.66 14.01 0.00	218.68 17.83 0.00	217.72 19.25 0.00	122.61 10.84 -2.84	123.62 10.35 -20.98	94.28 9.34 4.37	92.63 6.77 -21.24	99.96 7.59 -20.05	101.13 4.45 -57.05	138.42 4.98 -92.79	196.53 4.54 -151.25	233.59 5.33 -165.37	270.80 11.80 -132.31	149.15 8.89 -69.99	136.92 14.60 -1.21	139.62 9.02 -48.50	130.90 7.08 -59.35	128.67 8.49 -41.09
SOUTHOLD___IC 23719	87.59 8.52 0.00	84.62 8.02 0.00	88.25 7.76 0.00	93.10 8.39 0.00	115.57 10.93 0.00	185.64 17.19 0.00	180.65 13.99 0.00	218.62 17.76 0.00	217.70 19.23 0.00	122.60 10.83 -2.84	123.61 10.34 -20.98	94.31 9.37 4.37	92.62 6.75 -21.24	99.96 7.59 -20.05	101.13 4.45 -57.05	138.42 4.97 -92.79	196.53 4.55 -151.25	233.59 5.33 -165.37	270.80 11.80 -132.31	149.13 8.87 -70.00	136.92 14.59 -1.21	139.63 9.02 -48.50	130.90 7.08 -59.35	128.67 8.49 -41.09
SOUTH_FORK_WT_PWR 323839	86.32 7.24 0.00	83.40 6.79 0.00	86.98 6.49 0.00	91.76 7.05 0.00	113.98 9.34 0.00	183.01 14.56 0.00	179.17 12.51 0.00	217.34 16.49 0.00	214.77 16.29 0.00	121.02 9.26 -2.84	122.25 8.99 -20.98	93.10 8.16 4.38	91.80 5.94 -21.24	99.06 6.69 -20.05	100.62 3.95 -57.04	137.87 4.42 -92.79	196.27 4.29 -151.25	233.25 4.99 -165.37	270.06 11.06 -132.31	148.14 7.88 -70.00	135.22 12.90 -1.21	138.42 7.81 -48.50	129.97 6.15 -59.35	127.60 7.42 -41.09
SPIERFLS_115KV_TB 1 80737	84.71 5.64 0.00	82.04 5.43 0.00	86.16 5.67 0.00	90.64 5.94 0.00	112.19 7.55 0.00	180.99 12.54 0.00	179.01 12.35 0.00	217.35 16.49 0.00	213.99 15.51 0.00	116.64 7.85 0.14	98.07 6.70 0.91	95.12 6.03 0.22	67.19 4.54 1.98	91.97 5.48 -14.18	129.63 3.20 -86.80	133.89 3.57 -89.67	128.03 3.60 -83.70	151.70 5.61 -83.20	208.30 11.18 -70.43	166.22 6.28 -89.67	136.33 10.68 -4.54	151.40 6.93 -62.37	145.87 5.07 -76.33	137.85 5.92 -52.84
ST LAWRENCE____ 23600	76.95 -2.12 0.00	74.44 -2.17 0.00	78.25 -2.24 0.00	82.32 -2.39 0.00	101.83 -2.81 0.00	163.89 -4.56 0.00	161.44 -5.22 0.00	194.85 -6.01 0.00	192.95 -5.52 0.00	105.05 -3.88 0.00	88.84 -3.43 0.00	86.38 -2.93 0.00	62.49 -2.13 0.00	70.00 -2.32 0.00	38.06 -1.57 0.00	39.00 -1.65 0.00	39.09 -1.64 0.00	60.53 -2.36 0.00	122.15 -4.54 0.00	67.80 -2.47 0.00	117.00 -4.11 0.00	79.57 -2.53 0.00	62.66 -1.81 0.00	76.91 -2.18 0.00
STATE_CA_115KV_115_LB 55624	82.96 3.89 0.00	80.43 3.82 0.00	84.45 3.96 0.00	88.86 4.15 0.00	109.70 5.06 0.00	176.09 7.63 0.00	173.67 7.01 0.00	209.23 8.37 0.00	206.52 8.05 0.00	113.61 4.87 0.18	95.58 4.47 1.17	93.22 4.19 0.28	65.18 3.08 2.52	89.38 3.48 -13.59	126.27 1.85 -84.79	129.70 1.79 -87.26	122.68 1.90 -80.04	141.15 2.87 -75.39	184.86 5.71 -52.45	160.83 3.08 -87.48	129.93 5.49 -3.33	146.45 3.50 -60.85	142.08 3.16 -74.46	134.71 4.07 -51.55

STATE_ST_34_KV_LOAD 55959	79.49 0.42 0.00	77.10 0.49 0.00	81.12 0.62 0.00	85.44 0.73 0.00	105.88 1.24 0.00	170.96 2.51 0.00	169.25 2.60 0.00	203.76 2.90 0.00	201.64 3.16 0.00	111.29 2.26 -0.10	94.17 1.27 -0.62	90.85 1.39 -0.15	67.02 1.04 -1.35	75.41 0.79 -2.30	49.63 0.60 -9.40	51.96 0.71 -10.60	54.77 0.72 -13.32	79.81 1.19 -15.73	139.96 2.13 -11.14	84.68 1.10 -13.31	129.49 1.75 -6.63	99.69 0.92 -16.66	74.68 0.38 -9.83	85.30 0.36 -5.86
STATION 5_MISC_HYD 23604	76.43 -2.65 0.00	74.10 -2.51 0.00	78.29 -2.20 0.00	82.61 -2.10 0.00	101.81 -2.83 0.00	164.23 -4.22 0.00	162.65 -4.01 0.00	193.50 -7.36 0.00	191.66 -6.82 0.00	106.03 -2.98 -0.09	90.14 -2.70 -0.56	86.51 -2.93 -0.13	63.95 -1.89 -1.21	71.67 -2.55 -1.91	47.06 -1.09 -8.52	49.19 -1.07 -9.60	49.59 -1.25 -10.11	67.22 -1.74 -6.06	124.81 -4.04 -2.16	71.87 -2.48 -4.08	107.83 -4.09 9.19	71.27 -2.95 7.88	67.87 -2.24 -5.64	81.95 -2.42 -5.28
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	78.13 -0.94 0.00	75.75 -0.86 0.00	79.90 -0.59 0.00	84.32 -0.39 0.00	104.08 -0.56 0.00	167.95 -0.50 0.00	166.62 -0.04 0.00	199.05 -1.82 0.00	196.95 -1.53 0.00	108.76 -0.25 -0.09	92.37 -0.48 -0.57	88.86 -0.59 -0.14	65.62 -0.24 -1.24	73.57 -0.70 -1.95	48.19 -0.12 -8.68	50.40 -0.04 -9.79	50.95 -0.12 -10.34	69.22 -0.02 -6.35	128.53 -0.53 -2.37	74.07 -0.51 -4.32	111.07 -0.98 9.06	73.66 -0.88 7.57	69.49 -0.79 -5.81	83.61 -0.87 -5.38
STA_56_34_KV_BUS2_REV_LBMP_B 345033	76.16 -2.91 0.00	73.83 -2.78 0.00	77.98 -2.51 0.00	82.25 -2.46 0.00	101.47 -3.17 0.00	163.60 -4.86 0.00	162.11 -4.54 0.00	193.02 -7.84 0.00	191.18 -7.29 0.00	105.70 -3.32 -0.09	89.85 -2.98 -0.56	86.30 -3.14 -0.13	63.73 -2.09 -1.20	71.48 -2.73 -1.90	46.90 -1.19 -8.46	49.02 -1.17 -9.53	49.46 -1.33 -10.05	67.06 -1.93 -6.10	124.53 -4.37 -2.22	71.76 -2.63 -4.13	107.73 -4.40 8.98	71.31 -3.19 7.61	67.64 -2.45 -5.63	81.63 -2.70 -5.24
STA_56__34_KV_BUS2 355983	76.16 -2.91 0.00	73.83 -2.78 0.00	77.98 -2.51 0.00	82.25 -2.46 0.00	101.47 -3.17 0.00	163.60 -4.86 0.00	162.11 -4.54 0.00	193.02 -7.84 0.00	191.18 -7.29 0.00	105.70 -3.32 -0.09	89.85 -2.98 -0.56	86.30 -3.14 -0.13	63.73 -2.09 -1.20	71.48 -2.73 -1.90	46.90 -1.19 -8.46	49.02 -1.17 -9.53	49.46 -1.33 -10.05	67.06 -1.93 -6.10	124.53 -4.37 -2.22	71.76 -2.63 -4.13	107.73 -4.40 8.98	71.31 -3.19 7.61	67.64 -2.45 -5.63	81.63 -2.70 -5.24
STA_67__115KV_BK2 355882	76.22 -2.85 0.00	73.92 -2.69 0.00	78.08 -2.41 0.00	82.36 -2.35 0.00	101.62 -3.02 0.00	163.77 -4.69 0.00	162.20 -4.46 0.00	192.89 -7.97 0.00	191.08 -7.39 0.00	105.67 -3.35 -0.09	89.84 -3.00 -0.56	86.25 -3.19 -0.13	63.71 -2.12 -1.21	71.46 -2.76 -1.91	46.94 -1.20 -8.51	49.06 -1.18 -9.59	49.46 -1.37 -10.09	66.98 -1.97 -6.06	124.41 -4.45 -2.16	71.66 -2.68 -4.08	107.48 -4.46 9.17	71.05 -3.19 7.86	67.67 -2.43 -5.64	81.73 -2.63 -5.27
STA_7__115KV_9TRANS 80674	76.89 -2.18 0.00	74.55 -2.06 0.00	78.75 -1.74 0.00	83.05 -1.66 0.00	102.47 -2.17 0.00	165.21 -3.25 0.00	163.68 -2.98 0.00	194.69 -6.17 0.00	192.79 -5.68 0.00	106.69 -2.33 -0.09	90.71 -2.13 -0.56	87.11 -2.33 -0.13	64.34 -1.49 -1.21	72.14 -2.08 -1.91	47.33 -0.82 -8.52	49.48 -0.78 -9.60	49.88 -0.96 -10.11	67.64 -1.31 -6.06	125.74 -3.11 -2.16	72.38 -1.97 -4.08	108.62 -3.29 9.19	71.81 -2.41 7.88	68.25 -1.86 -5.64	82.38 -1.99 -5.28
STA_82__115KV_TB1 80780	76.25 -2.82 0.00	73.94 -2.67 0.00	78.13 -2.36 0.00	82.42 -2.28 0.00	101.67 -2.97 0.00	163.88 -4.57 0.00	162.30 -4.35 0.00	193.02 -7.84 0.00	191.19 -7.28 0.00	105.73 -3.28 -0.09	89.86 -2.98 -0.56	86.30 -3.15 -0.13	63.74 -2.10 -1.22	71.49 -2.74 -1.92	47.02 -1.18 -8.57	49.15 -1.15 -9.65	49.55 -1.34 -10.15	67.04 -1.93 -6.08	124.47 -4.37 -2.15	71.71 -2.64 -4.08	107.45 -4.38 9.28	70.98 -3.14 7.98	67.73 -2.40 -5.66	81.79 -2.61 -5.31
STEEL__WIND 323596	73.21 -5.85 0.00	71.12 -5.49 0.00	75.58 -4.91 0.00	79.97 -4.74 0.00	98.47 -6.17 0.00	158.73 -9.72 0.00	157.17 -9.49 0.00	185.36 -15.50 0.00	184.00 -14.47 0.00	102.56 -6.49 -0.12	87.15 -5.89 -0.76	83.37 -6.13 -0.18	62.18 -4.09 -1.65	69.34 -5.51 -2.54	48.45 -2.67 -11.48	50.89 -2.72 -12.95	50.79 -3.05 -13.10	64.39 -4.35 -5.85	117.94 -9.47 -0.73	67.70 -5.70 -3.13	95.03 -9.19 16.89	58.25 -6.42 17.44	66.18 -4.91 -6.63	80.81 -5.39 -7.11
STEPHTWN_115KV_BK_2 55603	83.79 4.71 0.00	81.19 4.58 0.00	85.25 4.76 0.00	89.56 4.85 0.00	110.67 6.03 0.00	177.92 9.46 0.00	175.54 8.88 0.00	211.59 10.73 0.00	208.64 10.17 0.00	114.45 5.74 0.22	96.01 5.11 1.37	93.78 4.79 0.32	65.22 3.56 2.96	89.61 4.08 -13.22	125.76 2.33 -83.80	128.80 2.16 -85.98	121.06 2.38 -77.95	137.37 3.68 -70.80	175.66 7.38 -41.59	160.85 4.07 -86.51	131.11 7.17 -2.83	146.84 4.56 -60.17	142.09 3.98 -73.64	135.06 4.99 -50.98
STEUBEN_REC_LFGE 323667	73.73 -5.34 0.00	71.89 -4.71 0.00	76.14 -4.36 0.00	81.30 -3.41 0.00	101.30 -3.34 0.00	164.64 -3.81 0.00	163.88 -2.78 0.00	193.19 -7.67 0.00	190.70 -7.77 0.00	105.08 -4.01 -0.16	89.82 -3.50 -1.04	86.53 -3.02 -0.24	65.32 -1.53 -2.23	72.82 -2.48 -2.98	53.71 -1.01 -15.09	56.50 -1.19 -17.03	52.36 -1.43 -13.06	51.03 -2.07 9.80	106.45 -4.39 15.85	54.59 -2.59 13.08	61.35 -4.81 54.94	5.63 -4.04 72.43	62.18 -3.95 -1.66	83.53 -4.84 -9.29
STILLWATER__SOLAR 323814	84.36 5.29 0.00	81.77 5.16 0.00	85.85 5.36 0.00	90.30 5.60 0.00	111.67 7.03 0.00	179.79 11.34 0.00	177.73 11.08 0.00	215.21 14.35 0.00	212.10 13.63 0.00	115.77 6.96 0.12	97.51 6.00 0.78	94.60 5.48 0.18	67.06 4.12 1.68	91.47 4.93 -14.23	128.83 2.84 -86.36	133.11 3.07 -89.38	127.70 3.10 -83.87	150.73 4.81 -83.04	205.51 9.63 -69.19	164.88 5.41 -89.20	134.69 9.20 -4.39	150.26 6.11 -62.04	144.97 4.59 -75.92	137.10 5.45 -52.56
STONY__BROOK 24151	88.48 9.40 0.00	85.49 8.88 0.00	89.20 8.71 0.00	94.04 9.34 0.00	116.42 11.78 0.00	186.88 18.43 0.00	185.17 18.51 0.00	224.82 23.97 0.00	219.43 20.95 0.00	124.05 12.28 -2.84	124.86 11.47 -21.11	95.63 10.43 4.10	93.81 7.44 -21.75	100.95 8.35 -20.29	101.67 4.78 -57.27	138.86 5.25 -92.95	197.35 5.27 -151.34	235.47 7.21 -165.37	274.45 15.45 -132.31	149.08 8.82 -70.00	137.05 14.73 -1.21	140.05 9.44 -48.50	131.32 7.51 -59.35	128.98 8.80 -41.09
STURGEON_POOL_HYD 23609	88.57 9.50 0.00	85.82 9.21 0.00	89.94 9.44 0.00	94.64 9.93 0.00	116.67 12.03 0.00	188.23 19.78 0.00	187.79 21.13 0.00	227.45 26.59 0.00	223.96 25.48 0.00	124.97 14.10 -1.95	116.38 11.77 -12.34	103.73 11.50 -2.92	99.74 8.41 -26.71	105.08 9.61 -23.15	110.29 5.36 -65.30	129.96 5.63 -83.68	172.60 5.74 -126.13	208.52 8.81 -136.82	250.25 16.10 -107.46	149.36 8.52 -70.57	136.96 14.42 -1.43	140.72 9.53 -49.09	131.67 7.13 -60.07	129.07 8.39 -41.59
ST_LAW_115_BK7_LBMP 345037	76.85 -2.22 0.00	74.31 -2.30 0.00	78.13 -2.37 0.00	82.17 -2.54 0.00	101.61 -3.02 0.00	163.32 -5.13 0.00	160.75 -5.91 0.00	194.17 -6.69 0.00	192.51 -5.96 0.00	104.53 -4.40 0.00	88.39 -3.88 0.00	85.98 -3.33 0.00	62.19 -2.44 0.00	69.69 -2.62 0.00	37.84 -1.79 0.00	38.78 -1.88 0.00	38.86 -1.87 0.00	60.22 -2.67 0.00	121.53 -5.16 0.00	67.45 -2.81 0.00	116.48 -4.63 0.00	79.31 -2.79 0.00	62.42 -2.05 0.00	76.67 -2.42 0.00

ST_LAW_115_BK8_LBMP 345038	76.85 -2.22 0.00	74.31 -2.30 0.00	78.13 -2.37 0.00	82.17 -2.54 0.00	101.61 -3.02 0.00	163.32 -5.13 0.00	160.75 -5.91 0.00	194.17 -6.69 0.00	192.51 -5.96 0.00	104.53 -4.40 0.00	88.39 -3.88 0.00	85.98 -3.33 0.00	62.19 -2.44 0.00	69.69 -2.62 0.00	37.84 -1.79 0.00	38.78 -1.88 0.00	38.86 -1.87 0.00	60.22 -2.67 0.00	121.53 -5.16 0.00	67.45 -2.81 0.00	116.48 -4.63 0.00	79.31 -2.79 0.00	62.42 -2.05 0.00	76.67 -2.42 0.00
ST_LAW_230_BK5_LBMP 345035	76.95 -2.12 0.00	74.44 -2.17 0.00	78.25 -2.24 0.00	82.32 -2.39 0.00	101.83 -2.81 0.00	163.89 -4.56 0.00	161.44 -5.22 0.00	194.85 -6.01 0.00	192.95 -5.52 0.00	105.05 -3.88 0.00	88.84 -3.43 0.00	86.38 -2.93 0.00	62.49 -2.13 0.00	70.00 -2.32 0.00	38.06 -1.57 0.00	39.00 -1.65 0.00	39.09 -1.64 0.00	60.53 -2.36 0.00	122.15 -4.54 0.00	67.80 -2.47 0.00	117.00 -4.11 0.00	79.57 -2.53 0.00	62.66 -1.81 0.00	76.91 -2.18 0.00
ST_LAW_230_BK6_LBMP 345036	76.95 -2.12 0.00	74.44 -2.17 0.00	78.25 -2.24 0.00	82.32 -2.39 0.00	101.83 -2.81 0.00	163.89 -4.56 0.00	161.44 -5.22 0.00	194.85 -6.01 0.00	192.95 -5.52 0.00	105.05 -3.88 0.00	88.84 -3.43 0.00	86.38 -2.93 0.00	62.49 -2.13 0.00	70.00 -2.32 0.00	38.06 -1.57 0.00	39.00 -1.65 0.00	39.09 -1.64 0.00	60.53 -2.36 0.00	122.15 -4.54 0.00	67.80 -2.47 0.00	117.00 -4.11 0.00	79.57 -2.53 0.00	62.66 -1.81 0.00	76.91 -2.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	84.66 5.59 0.00	82.11 5.50 0.00	85.99 5.50 0.00	90.44 5.73 0.00	111.47 6.83 0.00	179.45 11.00 0.00	178.32 11.66 0.00	215.51 14.65 0.00	212.29 13.82 0.00	119.67 8.34 -2.41	114.78 7.25 -15.26	99.85 6.92 -3.61	102.73 5.09 -33.02	102.98 5.78 -24.89	102.38 3.18 -59.58	124.89 3.30 -80.93	178.23 3.27 -134.23	216.41 4.97 -148.56	254.65 9.93 -118.03	140.31 5.34 -64.71	131.29 9.06 -1.13	133.10 5.99 -45.01	124.04 4.50 -55.08	122.54 5.32 -38.13
SWANROAD_115KV_TB1 355699	71.55 -7.52 0.00	69.52 -7.09 0.00	73.87 -6.62 0.00	78.07 -6.63 0.00	96.05 -8.58 0.00	154.19 -14.27 0.00	151.84 -14.82 0.00	177.78 -23.08 0.00	176.66 -21.81 0.00	98.34 -10.70 -0.11	83.61 -9.37 -0.70	80.14 -9.34 -0.17	59.54 -6.60 -1.52	66.65 -8.01 -2.35	46.18 -4.05 -10.61	48.51 -4.10 -11.96	48.51 -4.44 -12.22	62.60 -6.26 -5.97	114.48 -13.42 -1.20	65.97 -7.76 -3.47	94.30 -12.31 14.50	59.51 -8.15 14.44	64.07 -6.76 -6.36	78.19 -7.47 -6.57
SYNERGY___BIOGAS 323694	76.06 -3.01 0.00	73.78 -2.83 0.00	78.19 -2.30 0.00	82.57 -2.13 0.00	101.65 -2.99 0.00	164.02 -4.43 0.00	162.66 -4.00 0.00	192.08 -8.78 0.00	190.50 -7.98 0.00	105.66 -3.37 -0.10	89.49 -3.43 -0.64	85.65 -3.82 -0.15	63.56 -2.46 -1.39	71.05 -3.44 -2.17	47.83 -1.55 -9.75	50.19 -1.47 -10.99	50.45 -1.64 -11.36	66.93 -1.97 -6.01	123.58 -4.71 -1.59	71.00 -2.98 -3.72	104.20 -4.57 12.33	67.05 -3.29 11.76	67.84 -2.69 -6.06	82.31 -2.82 -6.04
SYRACUSE___ENERGY_ST1 323597	78.85 -0.22 0.00	76.42 -0.19 0.00	80.37 -0.12 0.00	84.64 -0.06 0.00	104.52 -0.11 0.00	168.60 0.14 0.00	167.22 0.56 0.00	201.25 0.39 0.00	198.84 0.36 0.00	109.63 0.62 -0.08	93.08 0.30 -0.50	89.66 0.23 -0.12	65.89 0.19 -1.08	74.10 -0.01 -1.80	47.40 0.16 -7.61	49.42 0.19 -8.57	51.00 0.22 -10.04	72.64 0.31 -9.43	131.90 0.45 -4.76	78.46 0.17 -8.03	121.33 0.20 -0.03	87.62 -0.07 -5.58	71.11 -0.19 -6.83	83.55 -0.27 -4.73
SYRACUSE___ENERGY_ST2 323598	78.85 -0.22 0.00	76.42 -0.19 0.00	80.37 -0.12 0.00	84.64 -0.06 0.00	104.52 -0.11 0.00	168.60 0.14 0.00	167.22 0.56 0.00	201.25 0.39 0.00	198.84 0.36 0.00	109.63 0.62 -0.08	93.08 0.30 -0.50	89.66 0.23 -0.12	65.89 0.19 -1.08	74.10 -0.01 -1.80	47.40 0.16 -7.61	49.42 0.19 -8.57	51.00 0.22 -10.04	72.64 0.31 -9.43	131.90 0.45 -4.76	78.46 0.17 -8.03	121.33 0.20 -0.03	87.62 -0.07 -5.58	71.11 -0.19 -6.83	83.55 -0.27 -4.73
SYRACUSE___POWER 24017	78.77 -0.30 0.00	76.35 -0.26 0.00	80.29 -0.20 0.00	84.56 -0.15 0.00	104.42 -0.22 0.00	168.44 -0.01 0.00	167.15 0.49 0.00	201.08 0.22 0.00	198.72 0.24 0.00	109.58 0.57 -0.08	93.10 0.31 -0.51	89.63 0.20 -0.12	65.90 0.17 -1.10	74.16 -0.03 -1.88	47.52 0.15 -7.74	49.56 0.19 -8.72	51.73 0.22 -10.78	75.12 0.28 -11.95	134.19 0.38 -7.12	80.86 0.11 -10.48	125.64 0.10 -4.43	94.31 -0.13 -12.34	72.17 -0.19 -7.90	83.63 -0.28 -4.82
TALLMAN___138KV_BK151 55660	85.01 5.94 0.00	82.44 5.83 0.00	86.29 5.80 0.00	90.73 6.02 0.00	111.74 7.11 0.00	179.90 11.45 0.00	178.91 12.25 0.00	216.17 15.31 0.00	212.91 14.43 0.00	120.31 8.86 -2.52	115.97 7.72 -15.97	100.48 7.38 -3.78	104.62 5.43 -34.58	104.31 6.16 -25.84	104.13 3.37 -61.13	127.57 3.49 -83.42	183.47 3.45 -139.28	222.49 5.19 -154.42	260.10 10.40 -123.01	142.36 5.65 -66.44	131.81 9.54 -1.16	134.65 6.34 -46.21	125.79 4.77 -56.55	123.86 5.61 -39.16
TEALLAVE_115KV_TB7 355573	78.18 -0.90 0.00	75.77 -0.84 0.00	79.69 -0.81 0.00	83.93 -0.78 0.00	103.66 -0.98 0.00	167.15 -1.30 0.00	165.86 -0.80 0.00	199.48 -1.38 0.00	197.15 -1.33 0.00	108.69 -0.31 -0.07	92.32 -0.37 -0.42	88.93 -0.48 -0.10	65.20 -0.33 -0.90	73.26 -0.57 -1.51	45.93 -0.13 -6.43	47.79 -0.11 -7.24	49.09 -0.10 -8.46	70.60 -0.22 -7.93	130.02 -0.66 -3.99	76.60 -0.45 -6.78	120.26 -0.87 -0.02	86.04 -0.78 -4.72	69.55 -0.69 -5.77	82.22 -0.87 -4.00
TELGRAPH_34_KV_EAST 80808	73.74 -5.33 0.00	71.60 -5.00 0.00	75.98 -4.51 0.00	80.26 -4.44 0.00	98.85 -5.79 0.00	159.09 -9.36 0.00	157.24 -9.41 0.00	184.97 -15.89 0.00	183.62 -14.85 0.00	102.05 -6.99 -0.11	86.70 -6.25 -0.67	83.10 -6.37 -0.16	61.66 -4.41 -1.44	68.98 -5.58 -2.25	47.02 -2.71 -10.11	49.35 -2.70 -11.40	49.45 -3.01 -11.72	64.71 -4.16 -5.98	119.00 -9.11 -1.42	68.49 -5.38 -3.60	99.28 -8.57 13.26	63.40 -5.79 12.91	65.89 -4.76 -6.18	80.17 -5.18 -6.26
TEMPLE___115KV_TB 2 55572	78.24 -0.84 0.00	75.84 -0.77 0.00	79.76 -0.73 0.00	84.01 -0.69 0.00	103.76 -0.88 0.00	167.30 -1.15 0.00	165.98 -0.68 0.00	199.64 -1.22 0.00	197.30 -1.18 0.00	108.79 -0.21 -0.07	92.39 -0.31 -0.42	89.01 -0.40 -0.10	65.27 -0.27 -0.92	73.36 -0.49 -1.54	46.06 -0.09 -6.53	47.93 -0.08 -7.35	49.26 -0.07 -8.59	70.78 -0.17 -8.06	130.18 -0.56 -4.05	76.75 -0.41 -6.89	120.34 -0.79 -0.02	86.18 -0.71 -4.79	69.68 -0.65 -5.86	82.34 -0.81 -4.06
TIANA____69_KV_BK 1 55817	88.22 9.15 0.00	85.23 8.63 0.00	88.89 8.40 0.00	93.76 9.05 0.00	116.15 11.51 0.00	186.51 18.06 0.00	184.08 17.43 0.00	223.39 22.54 0.00	218.20 19.73 0.00	123.02 11.25 -2.84	124.16 10.90 -20.98	94.69 9.75 4.37	92.84 6.98 -21.24	100.21 7.84 -20.05	101.23 4.56 -57.05	138.55 5.11 -92.79	197.15 5.16 -151.25	235.23 6.97 -165.37	273.92 14.92 -132.31	149.20 8.94 -69.99	137.16 14.84 -1.21	139.90 9.29 -48.50	131.21 7.39 -59.35	128.86 8.68 -41.09
TILDEN___115KV_TB1 80814	78.77 -0.30 0.00	76.35 -0.26 0.00	80.29 -0.20 0.00	84.56 -0.15 0.00	104.42 -0.22 0.00	168.44 -0.01 0.00	167.15 0.49 0.00	201.08 0.22 0.00	198.72 0.24 0.00	109.58 0.57 -0.08	93.10 0.31 -0.51	89.63 0.20 -0.12	65.90 0.17 -1.10	74.16 -0.03 -1.88	47.52 0.15 -7.74	49.56 0.19 -8.72	51.73 0.22 -10.78	75.12 0.28 -11.95	134.19 0.38 -7.12	80.86 0.11 -10.48	125.64 0.10 -4.43	94.31 -0.13 -12.34	72.17 -0.19 -7.90	83.63 -0.28 -4.82

TRIGEN___CC 323695	87.19 8.11 -0.02	84.42 7.79 -0.02	88.21 7.71 -0.01	92.87 8.17 0.00	114.65 10.02 0.00	184.20 15.74 0.00	182.76 16.09 -0.01	221.86 20.98 -0.02	217.74 19.24 -0.02	124.02 11.52 -3.57	147.29 10.73 -44.27	143.20 9.90 -43.99	185.74 7.17 -113.94	143.74 8.10 -63.32	141.38 4.51 -97.23	167.65 4.68 -122.31	212.51 4.55 -167.23	234.76 6.50 -165.37	272.55 13.54 -132.31	147.75 7.50 -69.99	134.88 12.56 -1.21	138.74 8.14 -48.50	130.16 6.34 -59.35	127.73 7.55 -41.09
TRINITY___115KV___4 BK 55933	82.67 3.60 0.00	80.18 3.57 0.00	84.15 3.66 0.00	88.56 3.85 0.00	109.32 4.68 0.00	175.45 7.00 0.00	172.96 6.30 0.00	208.31 7.44 0.00	205.58 7.10 0.00	113.06 4.34 0.21	94.98 4.04 1.35	92.79 3.80 0.32	64.49 2.78 2.91	88.78 3.18 -13.28	125.33 1.67 -84.02	128.47 1.58 -86.24	120.69 1.68 -78.28	137.66 2.58 -72.19	177.12 5.24 -45.19	159.72 2.75 -86.71	128.94 4.93 -2.91	145.58 3.17 -60.31	141.17 2.90 -73.80	133.96 3.77 -51.09
UNION___PROCESSING_DRP 323587	76.26 -2.81 0.00	73.98 -2.63 0.00	78.15 -2.34 0.00	82.43 -2.27 0.00	101.70 -2.93 0.00	163.93 -4.52 0.00	162.38 -4.28 0.00	193.09 -7.77 0.00	191.28 -7.19 0.00	105.77 -3.25 -0.09	89.91 -2.93 -0.56	86.31 -3.13 -0.13	63.77 -2.07 -1.22	71.52 -2.72 -1.92	47.03 -1.18 -8.58	49.17 -1.15 -9.66	49.57 -1.33 -10.17	67.08 -1.91 -6.10	124.53 -4.32 -2.16	71.75 -2.61 -4.10	107.52 -4.32 9.27	71.03 -3.11 7.96	67.77 -2.37 -5.67	81.83 -2.58 -5.32
UPPER HUDSON___HYD 24058	84.71 5.64 0.00	82.04 5.43 0.00	86.16 5.67 0.00	90.64 5.94 0.00	112.20 7.56 0.00	180.99 12.54 0.00	179.01 12.35 0.00	217.34 16.48 0.00	213.99 15.51 0.00	116.63 7.85 0.14	98.06 6.69 0.91	95.12 6.03 0.22	67.19 4.54 1.98	91.97 5.48 -14.18	129.62 3.20 -86.80	133.89 3.56 -89.67	128.04 3.60 -83.70	151.70 5.61 -83.20	208.30 11.18 -70.43	166.21 6.27 -89.67	136.33 10.68 -4.54	151.39 6.92 -62.37	145.87 5.08 -76.33	137.85 5.92 -52.84
UPPER RAQUET___HYD 24056	77.25 -1.82 0.00	74.39 -2.22 0.00	78.33 -2.16 0.00	82.34 -2.37 0.00	101.45 -3.18 0.00	162.01 -6.44 0.00	157.28 -9.38 0.00	191.71 -9.15 0.00	190.79 -7.69 0.00	102.54 -6.39 0.00	86.82 -5.46 0.00	84.23 -5.08 0.00	60.84 -3.79 0.00	68.41 -3.90 0.00	36.81 -2.82 0.00	37.60 -3.05 0.00	37.83 -2.91 0.00	58.85 -4.04 0.00	118.95 -7.74 0.00	65.94 -4.33 0.00	114.54 -6.57 0.00	79.01 -3.10 0.00	62.35 -2.12 0.00	76.84 -2.25 0.00
VALLEY44_115KV_TB2 355964	74.68 -4.39 0.00	72.52 -4.09 0.00	76.67 -3.82 0.00	80.90 -3.80 0.00	99.90 -4.74 0.00	160.77 -7.68 0.00	158.32 -8.34 0.00	187.04 -13.82 0.00	185.10 -13.38 0.00	103.46 -5.60 -0.13	88.26 -4.87 -0.86	84.66 -4.86 -0.20	63.25 -3.23 -1.85	70.96 -4.19 -2.84	50.49 -2.04 -12.90	53.06 -2.15 -14.55	52.64 -2.63 -14.53	64.61 -4.07 -5.79	118.73 -8.05 -0.08	67.83 -5.16 -2.72	92.54 -8.08 20.49	54.55 -5.67 21.88	67.14 -4.44 -7.12	82.45 -4.63 -7.98
VALLEY___115KV_TB 1-4 80826	81.45 2.38 0.00	78.87 2.26 0.00	82.73 2.23 0.00	86.82 2.12 0.00	107.24 2.60 0.00	173.17 4.71 0.00	171.95 5.29 0.00	208.01 7.15 0.00	205.20 6.73 0.00	112.25 3.32 0.00	95.11 2.83 0.00	91.69 2.38 0.00	66.61 1.99 0.00	74.56 2.24 0.00	40.80 1.17 0.00	42.16 1.51 0.00	42.31 1.58 0.00	65.59 2.70 0.00	132.18 5.49 0.00	73.29 3.02 0.00	126.26 5.15 0.00	85.68 3.58 0.00	67.25 2.78 0.00	82.33 3.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	85.57 6.50 0.00	82.96 6.35 0.00	87.17 6.68 0.00	91.81 7.11 0.00	113.55 8.91 0.00	183.30 14.84 0.00	182.03 15.37 0.00	219.02 18.16 0.00	216.39 17.92 0.00	119.87 10.62 -0.32	103.11 8.80 -2.03	98.06 8.27 -0.48	75.10 6.07 -4.40	86.07 6.74 -7.02	72.64 3.77 -29.25	77.71 3.97 -33.08	84.13 3.95 -39.45	109.33 6.06 -40.38	168.83 11.98 -30.16	107.66 6.55 -30.85	133.18 11.12 -0.95	110.97 7.41 -21.45	96.15 5.42 -26.26	103.78 6.52 -18.18
VISCHER___FERRY HYD 24020	83.68 4.61 0.00	81.12 4.51 0.00	85.13 4.64 0.00	89.57 4.87 0.00	110.66 6.03 0.00	177.81 9.36 0.00	175.41 8.76 0.00	212.33 11.46 0.00	209.49 11.02 0.00	114.71 5.85 0.07	97.01 5.17 0.44	93.99 4.78 0.10	67.19 3.52 0.95	90.94 4.30 -14.33	127.16 2.44 -85.09	131.63 2.51 -88.46	127.26 2.49 -84.04	148.53 3.76 -81.88	198.57 7.61 -64.27	162.31 4.24 -87.80	132.23 7.25 -3.87	148.07 4.90 -61.07	143.02 3.82 -74.73	135.45 4.62 -51.74
V_A_10_SYNC_DSASP 323832	73.68 -5.39 0.00	71.53 -5.08 0.00	75.79 -4.70 0.00	80.06 -4.65 0.00	98.51 -6.12 0.00	158.56 -9.89 0.00	156.68 -9.97 0.00	184.86 -16.00 0.00	183.44 -15.03 0.00	101.85 -7.18 -0.10	86.65 -6.26 -0.63	83.04 -6.42 -0.15	61.67 -4.31 -1.36	69.01 -5.43 -2.13	46.55 -2.60 -9.53	48.75 -2.65 -10.74	48.88 -2.99 -11.13	64.46 -4.48 -6.05	118.82 -9.60 -1.72	68.46 -5.61 -3.81	100.14 -9.26 11.71	64.80 -6.33 10.97	65.79 -4.68 -6.00	79.94 -5.06 -5.90
V_CMM_10_SYNC_DSASP 323787	77.12 -1.96 0.00	74.55 -2.06 0.00	78.39 -2.10 0.00	82.45 -2.25 0.00	101.99 -2.64 0.00	163.88 -4.57 0.00	161.35 -5.31 0.00	194.81 -6.05 0.00	193.13 -5.35 0.00	104.93 -4.00 0.00	88.70 -3.58 0.00	86.29 -3.02 0.00	62.44 -2.18 0.00	69.94 -2.37 0.00	37.98 -1.65 0.00	38.92 -1.73 0.00	39.01 -1.73 0.00	60.44 -2.45 0.00	122.01 -4.68 0.00	67.69 -2.57 0.00	116.92 -4.19 0.00	79.57 -2.53 0.00	62.65 -1.82 0.00	76.95 -2.14 0.00
V_CMP_10_SYNC_DSASP 323788	77.55 -1.52 0.00	74.92 -1.69 0.00	78.72 -1.78 0.00	82.86 -1.85 0.00	102.60 -2.04 0.00	165.63 -2.82 0.00	163.05 -3.61 0.00	197.47 -3.39 0.00	194.27 -4.21 0.00	106.23 -2.70 0.00	89.97 -2.30 0.00	87.28 -2.03 0.00	63.07 -1.56 0.00	70.86 -1.45 0.00	38.48 -1.15 0.00	39.43 -1.22 0.00	39.61 -1.13 0.00	60.91 -1.98 0.00	123.22 -3.47 0.00	68.62 -1.65 0.00	118.66 -2.45 0.00	80.72 -1.39 0.00	63.69 -0.78 0.00	78.16 -0.93 0.00
V_D_10_SYNC_DSASP 323841	77.60 -1.48 0.00	74.90 -1.71 0.00	78.75 -1.74 0.00	82.77 -1.94 0.00	102.31 -2.33 0.00	164.28 -4.17 0.00	160.82 -5.83 0.00	195.01 -5.85 0.00	193.78 -4.69 0.00	104.54 -4.39 0.00	88.28 -4.00 0.00	85.86 -3.45 0.00	62.15 -2.48 0.00	69.84 -2.47 0.00	37.71 -1.92 0.00	38.64 -2.02 0.00	38.76 -1.98 0.00	60.11 -2.78 0.00	121.35 -5.34 0.00	67.32 -2.94 0.00	116.61 -4.49 0.00	79.62 -2.48 0.00	62.57 -1.90 0.00	76.96 -2.13 0.00
V_E_10_SYNC_DSASP 323830	83.21 4.14 0.00	81.33 4.72 0.00	85.39 4.90 0.00	88.81 4.11 0.00	110.55 5.91 0.00	182.40 13.95 0.00	183.37 16.72 0.00	222.99 22.13 0.00	219.74 21.26 0.00	120.95 11.79 -0.23	101.71 7.98 -1.46	96.99 7.33 -0.34	73.19 5.40 -3.16	84.12 6.43 -5.37	64.70 3.83 -21.25	68.84 4.17 -24.02	77.32 4.72 -31.87	113.18 7.71 -42.59	175.58 15.70 -33.19	114.94 8.54 -36.14	162.36 14.60 -26.66	146.47 9.28 -55.08	95.75 6.57 -24.71	100.02 7.67 -13.26
V_F_30_NSYNC___DSASP 323816	84.41 5.34 0.00	81.80 5.19 0.00	85.91 5.42 0.00	90.35 5.64 0.00	111.72 7.08 0.00	179.90 11.45 0.00	177.90 11.25 0.00	215.37 14.51 0.00	212.23 13.76 0.00	115.89 7.09 0.13	97.57 6.13 0.84	94.69 5.58 0.20	67.02 4.20 1.81	91.52 5.00 -14.21	129.07 2.88 -86.55	133.28 3.12 -89.51	127.67 3.14 -83.79	150.86 4.86 -83.11	206.19 9.76 -69.75	165.15 5.47 -89.41	134.85 9.29 -4.45	150.47 6.18 -62.19	145.21 4.63 -76.10	137.28 5.50 -52.69

V_F_30_SYNC_DSASP 323786	82.96 3.89 0.00	80.43 3.82 0.00	84.45 3.96 0.00	88.85 4.14 0.00	109.70 5.06 0.00	176.09 7.63 0.00	173.65 7.00 0.00	209.21 8.35 0.00	206.52 8.05 0.00	113.61 4.87 0.19	95.56 4.46 1.18	93.21 4.18 0.28	65.15 3.07 2.55	89.35 3.47 -13.57	126.21 1.85 -84.73	129.63 1.79 -87.19	122.55 1.90 -79.92	140.88 2.86 -75.12	184.26 5.71 -51.86	160.77 3.08 -87.42	129.86 5.45 -3.30	146.41 3.50 -60.80	142.03 3.16 -74.41	134.67 4.07 -51.51
V_XM_10_SYNC_DSASP 323789	77.55 -1.52 0.00	74.92 -1.69 0.00	78.72 -1.78 0.00	82.86 -1.85 0.00	102.60 -2.04 0.00	165.63 -2.82 0.00	163.05 -3.61 0.00	197.47 -3.39 0.00	194.27 -4.21 0.00	106.23 -2.70 0.00	89.97 -2.30 0.00	87.28 -2.03 0.00	63.07 -1.56 0.00	70.86 -1.45 0.00	38.48 -1.15 0.00	39.43 -1.22 0.00	39.61 -1.13 0.00	60.91 -1.98 0.00	123.22 -3.47 0.00	68.62 -1.65 0.00	118.66 -2.45 0.00	80.72 -1.39 0.00	63.69 -0.78 0.00	78.16 -0.93 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	85.21 6.14 0.00	82.63 6.02 0.00	86.47 5.98 0.00	90.92 6.22 0.00	112.01 7.38 0.00	180.31 11.86 0.00	179.35 12.69 0.00	216.76 15.90 0.00	213.47 15.00 0.00	120.64 9.17 -2.54	116.39 7.99 -16.13	100.78 7.65 -3.82	105.13 5.59 -34.91	104.72 6.36 -26.05	104.57 3.48 -61.47	128.23 3.61 -83.97	184.68 3.57 -140.38	223.96 5.38 -155.69	261.56 10.79 -124.09	142.94 5.86 -66.82	132.18 9.91 -1.16	135.16 6.58 -46.48	126.29 4.95 -56.87	124.29 5.82 -39.38
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	86.23 7.16 0.00	83.62 7.01 0.00	87.63 7.14 0.00	92.11 7.41 0.00	113.46 8.82 0.00	182.68 14.23 0.00	181.65 14.99 0.00	219.77 18.91 0.00	216.82 18.34 0.00	122.67 11.01 -2.73	119.29 9.72 -17.29	102.72 9.31 -4.10	108.86 6.80 -37.43	107.62 7.70 -27.61	107.84 4.16 -64.05	133.03 4.29 -88.09	193.59 4.19 -148.66	234.52 6.33 -165.29	271.55 12.62 -132.25	146.81 6.84 -69.71	133.91 11.59 -1.21	138.15 7.56 -48.48	129.49 5.69 -59.33	126.95 6.79 -41.07
W50THST__13_KV_LOAD 356117	86.63 7.56 0.00	83.98 7.37 0.00	88.02 7.53 0.00	92.48 7.78 0.00	113.95 9.31 0.00	183.57 15.12 0.00	182.57 15.91 0.00	220.93 20.07 0.00	218.03 19.56 0.00	123.41 11.75 -2.73	119.99 10.42 -17.29	103.48 10.07 -4.10	109.46 7.40 -37.43	108.25 8.33 -27.61	108.17 4.49 -64.05	133.37 4.62 -88.09	193.93 4.53 -148.66	235.01 6.82 -165.29	272.41 13.47 -132.25	147.26 7.29 -69.71	134.64 12.31 -1.21	138.61 8.03 -48.48	129.80 6.00 -59.33	127.34 7.17 -41.07
WADING RIVER_IC_1 23522	87.80 8.73 0.00	84.81 8.20 0.00	88.47 7.98 0.00	93.30 8.59 0.00	115.54 10.90 0.00	185.49 17.04 0.00	183.05 16.40 0.00	222.06 21.20 0.00	216.33 17.86 0.00	122.07 10.31 -2.84	123.58 10.33 -20.97	94.17 9.26 4.40	92.39 6.57 -21.19	99.75 7.41 -20.03	100.96 4.30 -57.03	138.28 4.85 -92.77	196.90 4.93 -151.24	234.90 6.64 -165.37	273.26 14.26 -132.31	148.71 8.45 -70.00	136.33 14.01 -1.21	139.38 8.78 -48.50	130.82 7.00 -59.35	128.39 8.21 -41.09
WADING RIVER_IC_2 23547	87.80 8.73 0.00	84.81 8.20 0.00	88.47 7.98 0.00	93.30 8.59 0.00	115.54 10.90 0.00	185.49 17.04 0.00	183.05 16.40 0.00	222.06 21.20 0.00	216.33 17.86 0.00	122.07 10.31 -2.84	123.58 10.33 -20.97	94.17 9.26 4.40	92.39 6.57 -21.19	99.75 7.41 -20.03	100.96 4.30 -57.03	138.28 4.85 -92.77	196.90 4.93 -151.24	234.90 6.64 -165.37	273.26 14.26 -132.31	148.71 8.45 -70.00	136.33 14.01 -1.21	139.38 8.78 -48.50	130.82 7.00 -59.35	128.39 8.21 -41.09
WADING RIVER_IC_3 23601	87.80 8.73 0.00	84.81 8.20 0.00	88.47 7.98 0.00	93.30 8.59 0.00	115.54 10.90 0.00	185.49 17.04 0.00	183.05 16.40 0.00	222.06 21.20 0.00	216.33 17.86 0.00	122.07 10.31 -2.84	123.58 10.33 -20.97	94.17 9.26 4.40	92.39 6.57 -21.19	99.75 7.41 -20.03	100.96 4.30 -57.03	138.28 4.85 -92.77	196.90 4.93 -151.24	234.90 6.64 -165.37	273.26 14.26 -132.31	148.71 8.45 -70.00	136.33 14.01 -1.21	139.38 8.78 -48.50	130.82 7.00 -59.35	128.39 8.21 -41.09
WALDENNY_12_KV_BK2 80841	73.40 -5.67 0.00	71.32 -5.29 0.00	75.75 -4.74 0.00	80.11 -4.60 0.00	98.76 -5.88 0.00	159.07 -9.38 0.00	157.34 -9.32 0.00	185.43 -15.43 0.00	184.07 -14.40 0.00	102.52 -6.53 -0.12	87.18 -5.85 -0.75	83.47 -6.02 -0.18	62.16 -4.10 -1.63	69.46 -5.37 -2.52	48.43 -2.59 -11.39	50.88 -2.62 -12.85	50.77 -2.97 -13.00	64.53 -4.22 -5.86	118.29 -9.17 -0.78	67.95 -5.49 -3.17	95.62 -8.86 16.63	58.91 -6.09 17.11	66.21 -4.86 -6.60	80.86 -5.28 -7.05
WALDEN__HYDRO 24148	85.75 6.68 0.00	83.14 6.53 0.00	87.10 6.61 0.00	91.60 6.89 0.00	112.89 8.25 0.00	181.81 13.36 0.00	180.86 14.20 0.00	218.70 17.84 0.00	215.45 16.97 0.00	121.24 9.86 -2.45	116.24 8.41 -15.56	101.08 8.08 -3.69	104.23 5.92 -33.68	104.62 6.76 -25.55	105.07 3.72 -61.72	128.15 3.92 -83.57	182.56 3.93 -137.90	221.45 6.03 -152.53	259.94 11.90 -121.35	143.68 6.38 -67.03	133.12 10.82 -1.19	135.88 7.16 -46.62	126.91 5.39 -57.05	124.93 6.34 -39.50
WARRENSBURG____ 23737	84.71 5.64 0.00	82.04 5.43 0.00	86.16 5.67 0.00	90.64 5.94 0.00	112.20 7.56 0.00	180.99 12.54 0.00	179.01 12.35 0.00	217.34 16.48 0.00	213.99 15.51 0.00	116.63 7.85 0.14	98.06 6.69 0.91	95.12 6.03 0.22	67.19 4.54 1.98	91.97 5.48 -14.18	129.62 3.20 -86.80	133.89 3.56 -89.67	128.04 3.60 -83.70	151.70 5.61 -83.20	208.30 11.18 -70.43	166.21 6.27 -89.67	136.33 10.68 -4.54	151.39 6.92 -62.37	145.87 5.08 -76.33	137.85 5.92 -52.84
WATERSIDE____6 8 9 23538	82.62 7.40 3.86	80.81 7.27 3.08	85.77 7.42 2.14	91.18 7.66 1.18	113.70 9.06 0.00	183.01 14.56 0.00	180.54 15.51 1.63	213.52 19.55 6.89	213.31 19.10 4.27	118.09 11.42 2.25	119.61 10.03 -17.30	102.09 9.54 -3.24	108.27 6.91 -36.73	107.64 7.81 -27.52	103.20 4.21 -59.36	126.98 4.33 -82.00	180.96 4.24 -135.99	174.04 6.44 -104.71	240.50 12.92 -100.88	97.33 7.04 -20.02	72.25 11.93 60.79	118.57 7.76 -28.71	117.35 5.83 -47.05	122.49 7.00 -36.40
WATKINRD_115KV_LN8_ILLION 55919	81.18 2.10 0.00	78.62 2.01 0.00	82.52 2.03 0.00	86.75 2.05 0.00	107.13 2.49 0.00	172.71 4.25 0.00	171.16 4.50 0.00	206.70 5.84 0.00	203.80 5.33 0.00	111.68 2.75 0.00	94.60 2.32 0.00	91.35 2.04 0.00	66.25 1.62 0.00	74.21 1.90 0.00	40.70 1.08 0.00	41.90 1.25 0.00	42.05 1.31 0.00	65.01 2.12 0.00	130.97 4.28 0.00	72.62 2.36 0.00	125.08 3.97 0.00	84.84 2.74 0.00	66.54 2.08 0.00	81.50 2.41 0.00
WATSON__69_KV_BK 1 55734	89.31 10.23 0.00	86.30 9.70 0.00	90.06 9.56 0.00	94.94 10.23 0.00	117.47 12.83 0.00	188.74 20.29 0.00	187.17 20.52 0.00	227.53 26.67 0.00	222.15 23.67 0.00	125.45 13.64 -2.88	127.00 12.49 -22.23	98.82 11.26 1.76	98.89 8.06 -26.21	103.81 9.13 -22.37	104.03 5.20 -59.20	140.75 5.72 -94.37	198.54 5.70 -152.11	236.22 7.96 -165.37	275.87 16.88 -132.31	149.94 9.68 -69.99	138.37 16.05 -1.21	140.92 10.32 -48.50	131.99 8.17 -59.35	129.80 9.62 -41.09
WDELAWARE__HYD 323627	84.62 5.55 0.00	81.99 5.38 0.00	85.93 5.44 0.00	90.40 5.69 0.00	111.54 6.90 0.00	179.80 11.35 0.00	179.18 12.52 0.00	216.88 16.01 0.00	213.52 15.04 0.00	119.30 8.35 -2.03	111.95 6.84 -12.84	98.87 6.52 -3.04	97.28 4.86 -27.79	100.27 5.59 -22.37	101.03 3.15 -58.26	120.73 3.37 -76.71	165.45 3.48 -121.23	201.03 5.41 -132.73	241.54 10.39 -104.46	138.85 5.52 -63.06	131.57 9.29 -1.17	132.06 6.09 -43.86	122.62 4.48 -53.68	121.40 5.15 -37.16

WEST BABYLON___IC 23714	88.90 9.82 -0.01	85.92 9.31 0.00	89.68 9.19 0.00	94.50 9.80 0.00	116.89 12.25 0.00	187.76 19.31 0.00	186.24 19.58 0.00	226.35 25.49 0.00	221.36 22.88 0.00	125.15 13.26 -2.97	129.55 12.21 -25.06	104.44 11.03 -4.10	110.01 7.94 -37.45	108.92 8.99 -27.62	108.80 5.10 -64.07	144.16 5.55 -97.95	200.25 5.47 -154.04	235.96 7.70 -165.37	275.26 16.26 -132.31	149.48 9.22 -69.99	137.68 15.36 -1.21	140.49 9.89 -48.50	131.63 7.82 -59.35	129.36 9.18 -41.09
WEST CANADA___HYD 24049	79.86 0.79 0.00	77.38 0.77 0.00	81.30 0.81 0.00	85.55 0.85 0.00	105.68 1.05 0.00	170.14 1.69 0.00	168.49 1.83 0.00	203.01 2.15 0.00	200.45 1.97 0.00	110.13 1.20 0.00	93.38 1.10 0.00	90.30 0.99 0.00	65.34 0.72 0.00	73.15 0.84 0.00	40.11 0.49 0.00	41.14 0.49 0.00	41.23 0.49 0.00	63.65 0.76 0.00	128.23 1.54 0.00	71.11 0.85 0.00	122.57 1.46 0.00	83.07 0.97 0.00	65.24 0.78 0.00	80.01 0.92 0.00
WESTERN_NY_WIND 24143	75.87 -3.20 0.00	73.63 -2.98 0.00	78.03 -2.46 0.00	82.37 -2.34 0.00	101.56 -3.08 0.00	163.71 -4.74 0.00	162.25 -4.40 0.00	191.50 -9.36 0.00	189.96 -8.52 0.00	105.34 -3.69 -0.10	89.24 -3.69 -0.65	85.47 -3.99 -0.15	63.37 -2.66 -1.41	70.91 -3.60 -2.20	47.86 -1.63 -9.87	50.23 -1.54 -11.12	50.48 -1.73 -11.47	66.77 -2.12 -6.00	123.25 -4.98 -1.54	70.84 -3.10 -3.68	103.63 -4.86 12.62	66.60 -3.38 12.12	67.69 -2.88 -6.10	82.16 -3.04 -6.11
WESTOVER___LESR 323668	79.43 0.36 0.00	76.97 0.36 0.00	80.96 0.46 0.00	85.27 0.56 0.00	105.26 0.62 0.00	169.89 1.44 0.00	168.27 1.61 0.00	202.20 1.34 0.00	199.69 1.22 0.00	110.67 1.51 -0.24	94.68 0.90 -1.50	90.56 0.90 -0.36	68.57 0.68 -3.26	77.73 0.27 -5.15	61.85 0.28 -21.95	65.79 0.34 -24.80	69.30 0.24 -28.32	87.74 0.26 -24.59	141.81 0.51 -14.61	89.20 0.15 -18.79	113.50 0.26 7.87	85.59 -0.05 -3.53	82.36 -0.03 -17.92	92.77 0.05 -13.63
WETHRSFD_WT_PWR 323626	72.55 -6.51 0.00	70.64 -5.96 0.00	75.16 -5.33 0.00	79.78 -4.92 0.00	98.69 -5.95 0.00	159.48 -8.98 0.00	157.96 -8.70 0.00	186.56 -14.30 0.00	184.76 -13.72 0.00	102.65 -6.41 -0.14	87.42 -5.72 -0.87	83.89 -5.62 -0.20	62.77 -3.72 -1.87	69.91 -5.20 -2.80	49.87 -2.61 -12.85	52.53 -2.63 -14.50	52.12 -2.81 -14.19	63.15 -4.31 -4.57	116.19 -9.43 1.07	66.32 -5.49 -1.54	89.43 -9.04 22.64	50.35 -6.58 25.17	65.91 -5.17 -6.61	81.11 -5.93 -7.95
WHAVSTOR_138KV_BK127 55557	84.87 5.80 0.00	82.30 5.69 0.00	86.13 5.63 0.00	90.56 5.85 0.00	111.53 6.89 0.00	179.54 11.09 0.00	178.54 11.88 0.00	215.73 14.87 0.00	212.49 14.01 0.00	120.09 8.61 -2.55	115.96 7.52 -16.16	100.35 7.20 -3.83	104.86 5.27 -34.98	104.39 5.99 -26.09	104.44 3.27 -61.54	128.12 3.39 -84.07	184.67 3.34 -140.59	223.87 5.04 -155.94	261.07 10.08 -124.30	142.63 5.47 -66.89	131.54 9.27 -1.17	134.77 6.14 -46.53	126.04 4.64 -56.94	123.95 5.44 -39.42
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	84.87 5.80 0.00	82.30 5.69 0.00	86.13 5.63 0.00	90.56 5.85 0.00	111.53 6.89 0.00	179.54 11.09 0.00	178.54 11.88 0.00	215.73 14.87 0.00	212.49 14.01 0.00	120.09 8.61 -2.55	115.96 7.52 -16.16	100.35 7.20 -3.83	104.86 5.27 -34.98	104.39 5.99 -26.09	104.44 3.27 -61.54	128.12 3.39 -84.07	184.67 3.34 -140.59	223.87 5.04 -155.94	261.07 10.08 -124.30	142.63 5.47 -66.89	131.54 9.27 -1.17	134.77 6.14 -46.53	126.04 4.64 -56.94	123.95 5.44 -39.42
WHITEHAL_115KV_TB1 80871	85.79 6.72 0.00	82.97 6.36 0.00	87.11 6.62 0.00	91.66 6.95 0.00	113.65 9.01 0.00	184.32 15.87 0.00	181.38 14.72 0.00	222.38 21.52 0.00	218.45 19.98 0.00	118.57 9.78 0.14	99.54 8.14 0.88	96.19 7.08 0.21	67.82 5.11 1.91	93.44 6.94 -14.19	130.43 4.10 -86.70	135.12 4.85 -89.61	129.10 4.63 -83.74	152.99 6.94 -83.16	210.58 13.74 -70.14	167.65 7.82 -89.57	139.04 13.43 -4.50	152.99 8.59 -62.30	147.00 6.29 -76.23	138.96 7.09 -52.78
WHITEPLN_13_KV_LOAD 356215	86.65 7.58 0.00	84.02 7.41 0.00	88.04 7.55 0.00	92.56 7.86 0.00	114.07 9.44 0.00	183.71 15.26 0.00	182.75 16.09 0.00	221.17 20.31 0.00	218.10 19.62 0.00	123.28 11.63 -2.72	119.63 10.11 -17.25	103.04 9.64 -4.09	108.96 7.01 -37.33	107.80 7.95 -27.54	107.92 4.34 -63.94	133.08 4.51 -87.91	193.52 4.48 -148.31	234.62 6.85 -164.88	272.31 13.72 -131.90	147.25 7.40 -69.58	134.86 12.54 -1.21	138.75 8.25 -48.40	129.89 6.20 -59.23	127.44 7.35 -41.00
WM_FLOYD_69_KV_BK2 356380	88.36 9.29 0.00	85.37 8.76 0.00	89.04 8.54 0.00	93.90 9.19 0.00	116.24 11.60 0.00	186.64 18.19 0.00	184.59 17.93 0.00	224.07 23.21 0.00	218.44 19.97 0.00	123.32 11.55 -2.84	124.32 10.99 -21.05	94.89 9.82 4.25	93.12 7.01 -21.48	100.36 7.88 -20.16	101.35 4.57 -57.15	138.67 5.15 -92.87	197.21 5.19 -151.29	235.35 7.10 -165.37	274.15 15.15 -132.31	149.13 8.87 -69.99	137.07 14.75 -1.21	139.95 9.35 -48.50	131.25 7.43 -59.35	128.88 8.70 -41.09
WOODARD__115KV_TB2 355635	78.02 -1.05 0.00	75.63 -0.98 0.00	79.54 -0.95 0.00	83.76 -0.95 0.00	103.45 -1.19 0.00	166.80 -1.66 0.00	165.45 -1.21 0.00	199.04 -1.82 0.00	196.73 -1.74 0.00	108.42 -0.58 -0.07	92.07 -0.63 -0.43	88.70 -0.71 -0.10	65.06 -0.49 -0.92	73.15 -0.72 -1.55	45.98 -0.22 -6.58	47.84 -0.21 -7.40	49.19 -0.20 -8.65	70.65 -0.36 -8.12	129.85 -0.92 -4.08	76.61 -0.59 -6.94	120.02 -1.11 -0.02	86.03 -0.90 -4.83	69.57 -0.80 -5.91	82.16 -1.01 -4.09
YORK___WARBASSE 23770	106.24 7.86 -19.30	99.68 7.73 -15.34	99.00 7.90 -10.61	98.75 8.17 -5.88	114.18 9.55 0.00	183.83 15.38 0.00	191.30 16.58 -8.06	256.02 20.98 -34.18	240.04 20.40 -21.17	148.55 12.17 -27.44	119.97 10.38 -17.30	108.72 9.97 -9.44	113.96 7.26 -42.08	108.69 8.27 -28.10	131.53 4.50 -87.40	163.68 4.62 -118.40	257.02 4.56 -211.73	535.75 6.88 -465.98	428.48 13.79 -287.99	393.92 7.46 -316.20	442.45 12.61 -308.73	236.96 8.25 -146.61	191.00 6.26 -120.28	150.86 7.49 -64.28