

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

01/08/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138	138.41	133.61	126.74	126.23	135.84	143.03	160.29	188.19	161.21	155.99	149.81	148.09	143.82	143.82	145.62	158.15	169.17	196.50	186.13	172.56	164.93	158.85	153.92	145.14
	7.52	7.18	6.94	6.77	6.86	7.51	7.31	7.51	8.13	8.39	8.79	8.52	7.92	7.84	8.65	8.32	8.81	10.30	9.64	8.25	8.30	7.79	8.24	8.31
	-57.18	-54.65	-49.05	-48.91	-58.22	-61.89	-78.42	-107.05	-78.52	-73.35	-66.50	-66.70	-65.14	-65.37	-64.24	-77.48	-85.65	-99.61	-94.11	-89.99	-82.46	-79.64	-71.43	-62.58
74TH STREET_GT_1 24260	138.27	133.47	126.47	125.88	135.50	142.59	160.00	187.69	160.62	155.56	149.46	147.82	143.97	144.04	145.42	157.88	168.45	195.75	185.50	172.36	164.58	158.65	153.49	145.15
	7.37	7.03	6.65	6.42	6.51	7.07	7.01	6.99	7.53	7.94	8.42	8.23	8.07	8.05	8.44	8.03	8.07	9.53	8.98	8.03	7.94	7.57	7.80	8.32
	-57.19	-54.66	-49.06	-48.92	-58.23	-61.90	-78.44	-107.07	-78.54	-73.37	-66.51	-66.71	-65.15	-65.38	-64.25	-77.49	-85.66	-99.62	-94.12	-90.01	-82.48	-79.65	-71.44	-62.59
74TH STREET_GT_2 24261	138.27	133.47	126.47	125.88	135.50	142.59	160.00	187.69	160.62	155.56	149.46	147.82	143.97	144.04	145.42	157.88	168.45	195.75	185.50	172.36	164.58	158.65	153.49	145.15
	7.37	7.03	6.65	6.42	6.51	7.07	7.01	6.99	7.53	7.94	8.42	8.23	8.07	8.05	8.44	8.03	8.07	9.53	8.98	8.03	7.94	7.57	7.80	8.32
	-57.19	-54.66	-49.06	-48.92	-58.23	-61.90	-78.44	-107.07	-78.54	-73.37	-66.51	-66.71	-65.15	-65.38	-64.25	-77.49	-85.66	-99.62	-94.12	-90.01	-82.48	-79.65	-71.44	-62.59
ADK HUDSON___FALLS 24011	157.05	151.48	142.81	142.26	155.26	162.00	199.33	223.37	234.20	193.84	169.94	160.33	159.41	159.45	157.10	182.33	244.36	276.36	264.15	249.73	262.15	187.61	175.75	165.15
	6.19	5.96	5.87	5.71	5.94	4.86	5.44	5.30	5.52	5.42	5.59	5.25	4.88	4.87	5.31	5.43	5.90	7.19	6.59	5.80	5.86	5.21	5.12	6.46
	-77.15	-73.74	-66.19	-66.00	-78.56	-83.51	-119.33	-144.44	-154.13	-114.18	-89.83	-82.20	-83.77	-83.97	-79.07	-104.55	-163.74	-182.58	-175.16	-169.61	-182.12	-110.97	-96.39	-84.44
ADK RESOURCE___RCVRY 23798	157.55	151.89	143.22	142.66	155.66	162.35	199.87	223.92	234.95	194.45	170.38	160.74	159.96	160.00	157.52	182.62	245.11	277.19	265.03	250.56	263.03	188.00	176.12	165.57
	6.64	6.32	6.23	6.07	6.30	5.15	5.82	5.75	5.89	5.86	5.96	5.61	5.37	5.36	5.68	5.65	6.28	7.62	7.09	6.24	6.23	5.50	5.42	6.83
	-77.21	-73.79	-66.23	-66.05	-78.61	-83.57	-119.49	-144.54	-154.50	-114.34	-89.89	-82.25	-83.83	-84.02	-79.11	-104.62	-164.12	-182.97	-175.55	-169.99	-182.64	-111.07	-96.45	-84.50
ADK S GLENS___FALLS 24028	157.05	151.48	142.81	142.26	155.26	162.00	199.33	223.37	234.20	193.84	169.94	160.33	159.41	159.45	157.10	182.33	244.36	276.36	264.15	249.73	262.15	187.61	175.75	165.15
	6.19	5.96	5.87	5.71	5.94	4.86	5.44	5.30	5.52	5.42	5.59	5.25	4.88	4.87	5.31	5.43	5.90	7.19	6.59	5.80	5.86	5.21	5.12	6.46
	-77.15	-73.74	-66.19	-66.00	-78.56	-83.51	-119.33	-144.44	-154.13	-114.18	-89.83	-82.20	-83.77	-83.97	-79.07	-104.55	-163.74	-182.58	-175.16	-169.61	-182.12	-110.97	-96.39	-84.44
ADK_NYS___DAM 23527	152.73	147.32	139.17	138.76	151.15	158.99	190.78	217.60	214.17	185.09	165.95	157.48	156.47	156.44	154.42	178.25	223.83	254.62	243.22	229.13	234.44	182.49	172.42	160.39
	4.72	4.52	4.67	4.65	4.74	4.93	5.22	4.86	5.14	5.27	4.92	4.88	4.74	4.66	5.01	5.21	5.38	6.15	6.10	5.42	5.41	5.21	5.35	4.82
	-74.31	-71.02	-63.74	-63.56	-75.66	-80.42	-111.01	-139.11	-134.48	-105.57	-86.51	-79.72	-80.98	-81.17	-76.68	-100.68	-143.74	-161.88	-154.73	-149.38	-154.86	-105.86	-92.83	-81.33
AIR_PRODUCTS___DRP 24190	151.52	146.21	137.90	137.42	149.81	157.59	185.59	216.46	199.37	179.34	164.72	155.40	154.82	154.78	151.85	176.06	208.25	238.86	227.25	213.52	212.50	179.39	170.78	158.99
	3.10	3.01	3.04	2.96	2.97	3.09	3.21	2.95	3.13	3.19	3.20	3.13	3.04	2.97	2.76	2.46	2.54	3.03	2.80	2.53	2.52	2.50	3.19	2.97
	-74.72	-71.41	-64.10	-63.92	-76.08	-80.87	-107.83	-139.89	-121.68	-101.90	-86.99	-79.40	-81.02	-81.20	-76.36	-101.25	-130.99	-149.24	-142.05	-136.67	-135.81	-105.46	-93.34	-81.78
AKWESSNE_115KV_BK 355683	71.94	70.42	69.48	69.48	69.41	71.86	72.25	71.86	72.40	72.17	72.32	71.20	69.34	69.34	70.98	70.62	72.40	83.39	79.34	72.09	71.79	69.86	72.17	72.09
	-1.77	-1.36	-1.27	-1.06	-1.34	-1.77	-2.31	-1.77	-2.16	-2.08	-2.24	-1.68	-1.42	-1.27	-1.75	-1.74	-2.32	-3.20	-3.05	-2.23	-2.37	-1.57	-2.08	-2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	150.65	145.40	137.24	136.69	148.88	156.59	182.25	213.99	190.94	175.39	162.93	153.97	153.21	153.25	150.84	174.44	200.06	230.50	219.07	205.27	201.33	177.50	169.43	157.98
	3.90	3.80	3.82	3.67	3.75	3.90	4.02	3.61	3.65	3.49	3.36	3.20	3.11	3.10	3.20	3.11	3.51	4.24	4.04	3.57	3.56	3.43	3.93	3.78
	-73.05	-69.81	-62.66	-62.49	-74.37	-79.06	-103.67	-136.75	-112.73	-97.66	-85.04	-77.89	-79.35	-79.53	-74.92	-98.98	-121.83	-139.66	-132.64	-127.38	-123.60	-102.64	-91.25	-79.95
ALBANY_2_SOLAR 323834	150.66	145.40	137.17	136.70	148.89	156.60	182.26	214.00	190.87	175.33	162.94	153.97	153.22	153.26	150.77	174.39	200.06	230.51	219.07	205.28	201.33	177.51	169.37	157.91
	3.90	3.80	3.75	3.67	3.75	3.90	4.02	3.61	3.58	3.42	3.36	3.20	3.11	3.10	3.13	3.04	3.51	4.24	4.04	3.57	3.56	3.43	3.86	3.71
	-73.05	-69.82	-62.67	-62.49	-74.38	-79.07	-103.68	-136.77	-112.73	-97.66	-85.05	-77.90	-79.36	-79.54	-74.92	-98.99	-121.83	-139.67	-132.64	-127.39	-123.60	-102.65	-91.26	-79.96
ALBANY___1 23571	151.52	146.21	137.90	137.42	149.81	157.59	185.59	216.46	199.37	179.34	164.72	155.40	154.82	154.78	151.85	176.06	208.25	238.86	227.25	213.52	212.50	179.39	170.78	158.99
	3.10	3.01	3.04	2.96	2.97	3.09	3.21	2.95	3.13	3.19	3.20	3.13	3.04	2.97	2.76	2.46	2.54	3.03	2.80	2.53	2.52	2.50	3.19	2.97
	-74.72	-71.41	-64.10	-63.92	-76.08	-80.87	-107.83	-139.89	-121.68	-101.90	-86.99	-79.40	-81.02	-81.20	-76.36	-101.25	-130.99	-149.24	-142.05	-136.67	-135.81	-105.46	-93.34	-81.78

ALBANY___2 23572	151.52 3.10 -74.72	146.21 3.01 -71.41	137.90 3.04 -64.10	137.42 2.96 -63.92	149.81 2.97 -76.08	157.59 3.09 -80.87	185.59 3.21 -107.83	216.46 2.95 -139.89	199.37 3.13 -121.68	179.34 3.19 -101.90	164.72 3.20 -86.99	155.40 3.13 -79.40	154.82 3.04 -81.02	154.78 2.97 -81.20	151.85 2.76 -76.36	176.06 2.46 -101.25	208.25 2.54 -130.99	238.86 3.03 -149.24	227.25 2.80 -142.05	213.52 2.53 -136.67	212.50 2.52 -135.81	179.39 2.50 -105.46	170.78 3.19 -93.34	158.99 2.97 -81.78
ALBANY___3 23573	151.52 3.10 -74.72	146.21 3.01 -71.41	137.90 3.04 -64.10	137.42 2.96 -63.92	149.81 2.97 -76.08	157.59 3.09 -80.87	185.59 3.21 -107.83	216.46 2.95 -139.89	199.37 3.13 -121.68	179.34 3.19 -101.90	164.72 3.20 -86.99	155.40 3.13 -79.40	154.82 3.04 -81.02	154.78 2.97 -81.20	151.85 2.76 -76.36	176.06 2.46 -101.25	208.25 2.54 -130.99	238.86 3.03 -149.24	227.25 2.80 -142.05	213.52 2.53 -136.67	212.50 2.52 -135.81	179.39 2.50 -105.46	170.78 3.19 -93.34	158.99 2.97 -81.78
ALBANY___4 23574	151.52 3.10 -74.72	146.21 3.01 -71.41	137.90 3.04 -64.10	137.42 2.96 -63.92	149.81 2.97 -76.08	157.59 3.09 -80.87	185.59 3.21 -107.83	216.46 2.95 -139.89	199.37 3.13 -121.68	179.34 3.19 -101.90	164.72 3.20 -86.99	155.40 3.13 -79.40	154.82 3.04 -81.02	154.78 2.97 -81.20	151.85 2.76 -76.36	176.06 2.46 -101.25	208.25 2.54 -130.99	238.86 3.03 -149.24	227.25 2.80 -142.05	213.52 2.53 -136.67	212.50 2.52 -135.81	179.39 2.50 -105.46	170.78 3.19 -93.34	158.99 2.97 -81.78
ALBANY___LFGE 323615	152.78 3.61 -75.46	147.42 3.52 -72.13	139.03 3.54 -64.74	138.55 3.46 -64.55	151.13 3.54 -76.84	158.99 3.68 -81.68	189.82 3.80 -111.46	218.52 3.61 -141.28	210.36 3.80 -132.01	183.88 3.86 -105.78	166.33 3.95 -87.86	156.95 3.79 -80.29	156.31 3.68 -81.88	156.35 3.67 -82.07	153.51 3.56 -77.22	177.79 3.18 -102.26	219.56 3.44 -141.41	250.42 3.99 -159.83	238.68 3.71 -152.58	224.74 3.27 -147.15	227.99 3.26 -150.56	181.82 3.22 -107.18	172.30 3.78 -94.28	160.48 3.64 -82.59
ALCOA_PA_115KV_PL-6C 55860	71.57 -2.14 0.00	70.34 -1.44 0.00	69.41 -1.34 0.00	69.41 -1.13 0.00	69.41 -1.34 0.00	71.64 -1.99 0.00	71.58 -2.98 0.00	71.57 -2.06 0.00	71.65 -2.91 0.00	71.57 -2.67 0.00	71.59 -2.98 -0.05	71.05 -1.82 0.00	69.34 -1.42 0.00	69.41 -1.20 0.00	70.76 -1.96 0.00	70.48 -1.88 0.00	71.72 -2.99 0.00	82.44 -4.16 0.00	78.44 -3.95 0.00	71.50 -2.82 0.00	71.05 -3.12 0.00	69.86 -1.57 0.00	71.80 -2.45 0.00	71.65 -2.60 0.00
ALCOA_RYNLDS___DRP 24188	71.57 -2.14 0.00	70.34 -1.44 0.00	69.41 -1.34 0.00	69.41 -1.13 0.00	69.41 -1.34 0.00	71.64 -1.99 0.00	71.58 -2.98 0.00	71.57 -2.06 0.00	71.65 -2.91 0.00	71.57 -2.67 0.00	71.59 -2.98 -0.05	71.05 -1.82 0.00	69.34 -1.42 0.00	69.41 -1.20 0.00	70.76 -1.96 0.00	70.48 -1.88 0.00	71.72 -2.99 0.00	82.44 -4.16 0.00	78.44 -3.95 0.00	71.50 -2.82 0.00	71.05 -3.12 0.00	69.86 -1.57 0.00	71.80 -2.45 0.00	71.65 -2.60 0.00
ALCOA___DSASP 323711	71.50 -2.21 0.00	70.34 -1.44 0.00	69.41 -1.35 0.00	69.41 -1.13 0.00	69.34 -1.41 0.00	71.34 -2.28 0.00	71.65 -2.91 0.00	71.49 -2.14 0.00	71.65 -2.91 0.00	71.58 -2.67 0.00	71.90 -2.68 -0.05	71.20 -1.67 0.00	69.41 -1.35 0.00	69.48 -1.13 0.00	71.13 -1.60 0.00	71.13 -1.23 0.00	71.65 -3.07 0.00	82.53 -4.07 0.00	78.44 -3.95 0.00	71.57 -2.75 0.00	71.50 -2.67 0.00	69.92 -1.50 0.00	71.50 -2.75 0.00	71.50 -2.75 0.00
ALLEGHENY___COGEN 23514	84.88 0.44 -10.73	82.03 0.00 -10.25	80.10 0.14 -9.20	79.23 -0.49 -9.18	81.75 0.07 -10.92	85.68 0.44 -11.61	90.65 1.34 -14.75	90.55 -3.16 -20.09	85.78 -3.65 -14.87	83.55 -4.23 -13.53	81.43 -4.92 -11.83	78.97 -5.03 -11.12	77.07 -4.88 -11.19	76.99 -4.94 -11.32	79.65 -4.36 -11.29	82.48 -4.42 -14.54	88.39 -2.54 -16.21	102.57 -2.86 -18.83	97.80 -2.39 -17.80	89.04 -2.30 -17.03	91.18 1.34 -15.68	86.60 0.21 -14.95	88.54 0.89 -13.40	86.88 0.89 -11.74
ALTAMONT_115KV_TB 2 55880	151.35 3.02 -74.62	146.04 2.94 -71.32	137.67 2.90 -64.01	137.20 2.82 -63.83	149.64 2.90 -75.98	157.41 3.02 -80.77	183.88 3.13 -106.19	216.27 2.95 -139.70	193.87 3.13 -116.19	177.45 3.12 -100.09	164.53 3.13 -86.88	155.05 3.06 -79.11	154.54 2.97 -80.81	154.50 2.90 -81.00	151.87 3.05 -76.09	176.44 2.97 -101.11	203.33 3.14 -125.48	234.02 3.72 -143.70	222.46 3.54 -136.53	208.60 3.12 -131.15	205.06 3.12 -127.78	179.29 2.93 -104.93	170.66 3.19 -93.22	159.03 3.12 -81.67
ALTONA_WT_PWR 323606	71.20 -2.51 0.00	69.69 -2.08 0.00	68.70 -2.05 0.00	68.71 -1.83 0.00	68.70 -2.05 0.00	71.05 -2.58 0.00	71.35 -3.20 0.00	70.98 -2.65 0.00	71.50 -3.06 0.00	71.27 -2.97 0.00	71.47 -3.06 0.00	70.25 -2.62 0.00	68.35 -2.41 0.00	68.42 -2.19 0.00	70.11 -2.62 0.00	70.11 -2.24 0.00	71.50 -3.21 0.00	82.18 -4.41 0.00	78.10 -4.29 0.00	71.27 -3.05 0.00	71.12 -3.04 0.00	68.92 -2.50 0.00	70.91 -3.34 0.00	71.27 -2.97 0.00
AMERICAN_REF_FUEL 24010	76.76 -6.49 -9.55	74.30 -6.60 -9.12	72.65 -6.30 -8.19	71.80 -6.91 -8.17	74.11 -6.37 -9.72	77.26 -6.70 -10.33	80.59 -7.08 -13.12	82.59 -8.91 -17.87	78.51 -9.25 -13.20	76.16 -9.36 -11.27	73.53 -9.76 -8.76	71.46 -9.69 -8.28	69.80 -9.27 -8.31	70.06 -9.25 -8.70	74.04 -8.73 -10.04	75.74 -9.55 -12.94	81.19 -7.92 -14.39	93.96 -9.35 -16.72	89.79 -8.40 -15.80	81.34 -8.10 -15.12	79.83 -8.23 -13.90	75.73 -9.00 -13.30	78.38 -7.79 -11.92	78.23 -6.46 -10.45
ARKWRIGHT___SUMMIT_WT_PWR 323751	79.91 -4.42 -10.63	77.34 -4.60 -10.16	75.63 -4.24 -9.12	74.69 -4.94 -9.09	77.26 -4.32 -10.82	81.08 -4.05 -11.50	85.14 -4.03 -14.61	88.00 -5.52 -19.90	83.40 -5.89 -14.73	80.96 -6.01 -12.72	78.40 -6.26 -10.13	76.17 -6.27 -9.56	74.42 -5.94 -9.61	74.52 -6.07 -9.98	78.31 -5.60 -11.18	80.39 -6.37 -14.40	86.14 -4.63 -16.06	100.05 -5.19 -18.65	95.24 -4.78 -17.63	86.35 -4.83 -16.86	84.58 -5.12 -15.52	80.17 -6.07 -14.81	82.62 -4.90 -13.28	82.17 -3.71 -11.63
ARTHUR KILL_GT_1 23520	138.13 7.23 -57.20	133.34 6.89 -54.67	126.40 6.58 -49.07	125.89 6.42 -48.93	135.50 6.51 -58.24	142.67 7.14 -61.91	155.96 6.71 -74.69	160.12 6.70 -79.80	160.27 7.45 -78.26	155.48 7.87 -73.37	149.17 8.12 -66.52	147.54 7.94 -66.72	143.34 7.43 -65.16	143.34 7.34 -65.39	144.92 7.93 -64.26	157.52 7.67 -77.50	168.59 8.22 -85.66	185.25 9.53 -89.12	185.50 8.98 -94.12	172.51 8.18 -90.02	164.88 8.23 -82.48	158.65 7.57 -79.66	153.72 8.02 -71.45	144.79 7.95 -62.60
ARTHUR_KILL_2 23512	137.83 6.93 -57.20	133.12 6.68 -54.67	126.19 6.37 -49.07	125.68 6.21 -48.93	135.29 6.30 -58.24	142.38 6.85 -61.91	155.73 6.48 -74.69	159.91 6.48 -79.80	160.05 7.23 -78.26	155.26 7.65 -73.37	148.94 7.90 -66.52	147.31 7.72 -66.72	143.14 7.22 -65.16	143.13 7.13 -65.39	144.69 7.71 -64.26	157.31 7.45 -77.50	168.29 7.92 -85.66	184.99 9.27 -89.12	185.25 8.73 -94.12	172.30 7.96 -90.02	164.59 7.94 -82.48	158.45 7.36 -79.66	153.42 7.72 -71.45	144.57 7.72 -62.60
ARTHUR_KILL_3 23513	137.75 6.86 -57.18	132.97 6.53 -54.66	125.90 6.09 -49.05	125.39 5.93 -48.92	134.99 6.01 -58.22	142.15 6.63 -61.89	155.50 6.26 -74.68	159.89 6.48 -79.78	159.89 7.09 -78.25	154.89 7.28 -73.36	148.78 7.75 -66.50	147.16 7.58 -66.70	143.12 7.22 -65.15	143.12 7.13 -65.38	144.68 7.71 -64.25	157.15 7.31 -77.49	158.15 7.62 -75.81	158.14 8.92 -62.62	158.14 8.32 -67.43	158.14 7.43 -76.39	158.14 7.49 -76.49	157.93 6.86 -79.65	153.04 7.35 -71.44	144.63 7.79 -62.59

ARTHUR_KILL_COGEN 323718	138.13 7.23 -57.20	133.34 6.89 -54.67	126.40 6.58 -49.07	125.89 6.42 -48.93	135.50 6.51 -58.24	142.67 7.14 -61.91	155.96 6.71 -74.69	160.12 6.70 -79.80	160.27 7.45 -78.26	155.48 7.87 -73.37	149.17 8.12 -66.52	147.54 7.94 -66.72	143.34 7.43 -65.16	143.34 7.34 -65.39	144.92 7.93 -64.26	157.52 7.67 -77.50	168.59 8.22 -85.66	185.25 9.53 -89.12	185.50 8.98 -94.12	172.51 8.18 -90.02	164.88 8.23 -82.48	158.65 7.57 -79.66	153.72 8.02 -71.45	144.79 7.95 -62.60
ASHOKAN____ 23654	146.19 6.11 -66.37	140.96 5.74 -63.44	133.22 5.52 -56.94	132.89 5.57 -56.78	144.07 5.73 -67.58	152.17 6.70 -71.84	174.68 6.56 -93.56	204.89 7.00 -124.26	181.64 6.94 -100.15	168.69 6.46 -87.99	158.07 6.33 -77.21	151.03 5.47 -72.69	148.95 5.10 -73.10	148.78 4.87 -73.30	147.94 5.24 -69.98	167.57 5.28 -89.94	190.38 7.25 -108.42	220.58 9.36 -124.62	209.28 8.65 -118.24	195.37 7.58 -113.46	190.32 7.19 -108.96	171.17 6.64 -93.10	163.62 6.46 -82.92	152.75 5.86 -72.64
ASTORIA_EAST_ENERGY_CC1 323581	138.27 7.37 -57.20	133.48 7.04 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.64 6.65 -58.24	142.75 7.22 -61.91	158.88 5.89 -78.44	186.07 5.37 -107.07	159.81 6.71 -78.54	154.96 7.35 -73.36	149.02 7.98 -66.52	147.31 7.72 -66.72	143.27 7.36 -65.16	143.28 7.27 -65.39	144.92 7.93 -64.26	157.16 7.30 -77.50	167.84 7.47 -85.65	194.96 8.74 -99.62	184.75 8.24 -94.12	171.75 7.43 -90.00	164.05 7.42 -82.47	158.16 7.07 -79.66	153.19 7.50 -71.45	145.09 8.24 -62.60
ASTORIA_EAST_ENERGY_CC2 323582	138.27 7.37 -57.20	133.48 7.04 -54.67	126.47 6.65 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	158.88 5.89 -78.44	186.07 5.37 -107.07	159.81 6.71 -78.54	154.96 7.35 -73.36	149.02 7.98 -66.52	147.31 7.72 -66.72	143.27 7.36 -65.16	143.28 7.27 -65.39	144.92 7.93 -64.26	157.16 7.30 -77.50	167.84 7.47 -85.65	194.96 8.74 -99.62	184.75 8.24 -94.12	171.75 7.43 -90.00	164.05 7.42 -82.47	158.16 7.07 -79.66	153.19 7.50 -71.45	145.16 8.31 -62.60
ASTORIA_GT2_1 24094	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT2_2 24095	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT2_3 24096	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT2_4 24097	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT3_1 24098	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT3_2 24099	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT3_3 24100	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT3_4 24101	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT4_1 24102	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT4_2 24103	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT4_3 24104	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60

ASTORIA_GT4_4 24105	138.13 7.22 -57.20	133.34 6.89 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.75 7.22 -61.91	159.85 6.86 -78.44	187.03 6.33 -107.07	159.73 6.64 -78.54	155.11 7.50 -73.37	149.24 8.20 -66.52	147.75 8.16 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.47 7.10 -85.66	194.71 8.49 -99.62	184.51 7.99 -94.12	171.39 7.06 -90.01	163.84 7.19 -82.48	158.44 7.36 -79.66	153.64 7.94 -71.45	144.79 7.94 -62.60
ASTORIA_GT_1 23523	138.42 7.52 -57.20	133.62 7.18 -54.67	126.62 6.79 -49.07	126.10 6.63 -48.93	135.79 6.79 -58.24	142.97 7.43 -61.91	159.03 6.04 -78.44	186.29 5.59 -107.07	160.03 6.94 -78.54	155.18 7.58 -73.36	149.24 8.20 -66.52	147.46 7.87 -66.72	143.41 7.50 -65.16	143.48 7.48 -65.39	145.06 8.07 -64.26	157.31 7.45 -77.50	168.07 7.70 -85.65	195.22 9.01 -99.62	185.00 8.49 -94.12	171.98 7.66 -90.00	164.27 7.64 -82.47	158.30 7.21 -79.66	153.35 7.65 -71.45	145.31 8.46 -62.60
ASTORIA_GT_10 24110	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.50 6.51 -58.24	142.60 7.07 -61.91	159.85 6.86 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.33 7.72 -73.37	149.32 8.27 -66.52	147.68 8.09 -66.72	143.84 7.92 -65.16	143.91 7.91 -65.39	145.21 8.22 -64.26	157.75 7.89 -77.50	168.07 7.70 -85.66	195.31 9.09 -99.62	185.17 8.65 -94.12	171.99 7.66 -90.01	164.43 7.79 -82.48	158.52 7.43 -79.66	153.42 7.72 -71.45	145.09 8.24 -62.60
ASTORIA_GT_11 24225	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.50 6.51 -58.24	142.60 7.07 -61.91	159.85 6.86 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.33 7.72 -73.37	149.32 8.27 -66.52	147.68 8.09 -66.72	143.84 7.92 -65.16	143.91 7.91 -65.39	145.21 8.22 -64.26	157.75 7.89 -77.50	168.07 7.70 -85.66	195.31 9.09 -99.62	185.17 8.65 -94.12	171.99 7.66 -90.01	164.43 7.79 -82.48	158.52 7.43 -79.66	153.42 7.72 -71.45	145.09 8.24 -62.60
ASTORIA_GT_12 24226	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.50 6.51 -58.24	142.60 7.07 -61.91	159.85 6.86 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.33 7.72 -73.37	149.32 8.27 -66.52	147.68 8.09 -66.72	143.84 7.92 -65.16	143.91 7.91 -65.39	145.21 8.22 -64.26	157.75 7.89 -77.50	168.07 7.70 -85.66	195.31 9.09 -99.62	185.17 8.65 -94.12	171.99 7.66 -90.01	164.43 7.79 -82.48	158.52 7.43 -79.66	153.42 7.72 -71.45	145.09 8.24 -62.60
ASTORIA_GT_13 24227	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.50 6.51 -58.24	142.60 7.07 -61.91	159.85 6.86 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.33 7.72 -73.37	149.32 8.27 -66.52	147.68 8.09 -66.72	143.84 7.92 -65.16	143.91 7.91 -65.39	145.21 8.22 -64.26	157.75 7.89 -77.50	168.07 7.70 -85.66	195.31 9.09 -99.62	185.17 8.65 -94.12	171.99 7.66 -90.01	164.43 7.79 -82.48	158.52 7.43 -79.66	153.42 7.72 -71.45	145.09 8.24 -62.60
ASTORIA_GT_5 24106	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.57 6.58 -58.24	142.90 7.36 -61.91	160.00 7.01 -78.44	187.17 6.48 -107.07	159.88 6.78 -78.54	155.26 7.65 -73.37	149.46 8.42 -66.52	147.90 8.31 -66.72	143.77 7.85 -65.16	143.84 7.84 -65.39	145.35 8.36 -64.26	157.75 7.89 -77.50	167.70 7.32 -85.66	194.88 8.66 -99.62	184.67 8.16 -94.12	171.54 7.21 -90.01	163.98 7.34 -82.48	158.59 7.50 -79.66	153.79 8.09 -71.45	145.01 8.17 -62.60
ASTORIA_GT_7 24107	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.57 6.58 -58.24	142.90 7.36 -61.91	160.00 7.01 -78.44	187.17 6.48 -107.07	159.88 6.78 -78.54	155.26 7.65 -73.37	149.46 8.42 -66.52	147.90 8.31 -66.72	143.77 7.85 -65.16	143.84 7.84 -65.39	145.35 8.36 -64.26	157.75 7.89 -77.50	167.70 7.32 -85.66	194.88 8.66 -99.62	184.67 8.16 -94.12	171.54 7.21 -90.01	163.98 7.34 -82.48	158.59 7.50 -79.66	153.79 8.09 -71.45	145.01 8.17 -62.60
ASTORIA_GT_8 24108	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.57 6.58 -58.24	142.90 7.36 -61.91	160.00 7.01 -78.44	187.17 6.48 -107.07	159.88 6.78 -78.54	155.26 7.65 -73.37	149.46 8.42 -66.52	147.90 8.31 -66.72	143.77 7.85 -65.16	143.84 7.84 -65.39	145.35 8.36 -64.26	157.75 7.89 -77.50	167.70 7.32 -85.66	194.88 8.66 -99.62	184.67 8.16 -94.12	171.54 7.21 -90.01	163.98 7.34 -82.48	158.59 7.50 -79.66	153.79 8.09 -71.45	145.01 8.17 -62.60
ASTORIA___2 24149	138.27 7.37 -57.20	133.48 7.04 -54.67	126.47 6.65 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	158.88 5.89 -78.44	186.14 5.45 -107.07	159.88 6.78 -78.54	154.96 7.35 -73.36	149.09 8.05 -66.52	147.31 7.72 -66.72	143.27 7.36 -65.16	143.28 7.27 -65.39	144.92 7.93 -64.26	157.16 7.30 -77.50	167.91 7.54 -85.65	195.05 8.84 -99.62	184.83 8.32 -94.12	171.75 7.43 -90.00	164.12 7.49 -82.47	158.16 7.07 -79.66	153.19 7.50 -71.45	145.16 8.31 -62.60
ASTORIA___3 23516	138.42 7.52 -57.20	133.62 7.18 -54.67	126.62 6.79 -49.07	126.10 6.63 -48.93	135.72 6.73 -58.24	142.90 7.36 -61.91	159.48 6.48 -78.44	187.17 6.48 -107.07	160.48 7.38 -78.54	155.41 7.79 -73.37	149.31 8.27 -66.52	147.68 8.09 -66.72	143.63 7.71 -65.16	143.63 7.63 -65.39	145.20 8.22 -64.26	157.68 7.82 -77.50	168.52 8.14 -85.66	195.75 9.53 -99.62	185.42 8.90 -94.12	172.36 8.03 -90.01	164.65 8.01 -82.48	158.52 7.43 -79.66	153.72 8.02 -71.45	145.23 8.39 -62.60
ASTORIA___4 23517	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.50 6.51 -58.24	142.60 7.07 -61.91	159.85 6.86 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.33 7.72 -73.37	149.32 8.27 -66.52	147.68 8.09 -66.72	143.84 7.92 -65.16	143.91 7.91 -65.39	145.21 8.22 -64.26	157.75 7.89 -77.50	168.07 7.70 -85.66	195.31 9.09 -99.62	185.17 8.65 -94.12	171.99 7.66 -90.01	164.43 7.79 -82.48	158.52 7.43 -79.66	153.42 7.72 -71.45	145.09 8.24 -62.60
ASTORIA___5 23518	138.42 7.52 -57.20	133.62 7.18 -54.67	126.62 6.79 -49.07	126.10 6.63 -48.93	135.72 6.73 -58.24	142.90 7.36 -61.91	159.48 6.48 -78.44	187.17 6.48 -107.07	160.48 7.38 -78.54	155.41 7.79 -73.37	149.31 8.27 -66.52	147.68 8.09 -66.72	143.63 7.71 -65.16	143.63 7.63 -65.39	145.20 8.22 -64.26	157.68 7.82 -77.50	168.52 8.14 -85.66	195.75 9.53 -99.62	185.42 8.90 -94.12	172.36 8.03 -90.01	164.65 8.01 -82.48	158.52 7.43 -79.66	153.72 8.02 -71.45	145.23 8.39 -62.60
AST_ENERGY_2_CC3 323677	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.59 6.13 -48.92	135.21 6.23 -58.22	142.37 6.85 -61.89	155.60 6.33 -74.71	158.99 6.55 -78.81	158.99 7.09 -77.35	154.94 7.35 -73.35	148.85 7.82 -66.50	147.23 7.65 -66.70	143.26 7.36 -65.15	143.26 7.27 -65.38	144.76 7.79 -64.25	156.99 7.38 -77.25	157.25 7.77 -74.77	157.24 9.01 -61.64	157.24 8.49 -66.36	156.99 7.50 -75.16	156.99 7.57 -75.25	156.99 6.93 -78.64	153.11 7.42 -71.44	144.93 8.09 -62.59
AST_ENERGY_2_CC4 323678	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.59 6.13 -48.92	135.21 6.23 -58.22	142.37 6.85 -61.89	155.60 6.33 -74.71	158.99 6.55 -78.81	158.99 7.09 -77.35	154.94 7.35 -73.35	148.85 7.82 -66.50	147.23 7.65 -66.70	143.26 7.36 -65.15	143.26 7.27 -65.38	144.76 7.79 -64.25	156.99 7.38 -77.25	157.25 7.77 -74.77	157.24 9.01 -61.64	157.24 8.49 -66.36	156.99 7.50 -75.16	156.99 7.57 -75.25	156.99 6.93 -78.64	153.11 7.42 -71.44	144.93 8.09 -62.59

ATHENS_STG_1 23668	143.93 3.76 -66.47	138.89 3.59 -63.53	131.31 3.54 -57.02	130.85 3.46 -56.86	141.90 3.47 -67.67	149.32 3.75 -71.94	168.81 3.73 -90.53	201.74 3.68 -124.43	167.46 3.87 -89.03	162.82 4.01 -84.57	155.94 4.10 -77.32	156.38 4.01 -79.50	151.36 3.82 -76.78	151.42 3.74 -77.07	153.29 4.00 -76.56	166.32 3.90 -90.06	176.21 4.18 -97.31	205.07 4.93 -113.54	194.23 4.69 -107.15	180.85 4.16 -102.36	170.87 4.15 -92.55	167.62 3.78 -92.41	161.36 4.08 -83.03	151.07 4.08 -72.75
ATHENS_STG_2 23670	143.93 3.76 -66.47	138.89 3.59 -63.53	131.31 3.54 -57.02	130.85 3.46 -56.86	141.90 3.47 -67.67	149.32 3.75 -71.94	168.81 3.73 -90.53	201.74 3.68 -124.43	167.46 3.87 -89.03	162.82 4.01 -84.57	155.94 4.10 -77.32	156.38 4.01 -79.50	151.36 3.82 -76.78	151.42 3.74 -77.07	153.29 4.00 -76.56	166.32 3.90 -90.06	176.21 4.18 -97.31	205.07 4.93 -113.54	194.23 4.69 -107.15	180.85 4.16 -102.36	170.87 4.15 -92.55	167.62 3.78 -92.41	161.36 4.08 -83.03	151.07 4.08 -72.75
ATHENS_STG_3 23677	143.93 3.76 -66.47	138.89 3.59 -63.53	131.31 3.54 -57.02	130.85 3.46 -56.86	141.90 3.47 -67.67	149.32 3.75 -71.94	168.81 3.73 -90.53	201.74 3.68 -124.43	167.46 3.87 -89.03	162.82 4.01 -84.57	155.94 4.10 -77.32	156.38 4.01 -79.50	151.36 3.82 -76.78	151.42 3.74 -77.07	153.29 4.00 -76.56	166.32 3.90 -90.06	176.21 4.18 -97.31	205.07 4.93 -113.54	194.23 4.69 -107.15	180.85 4.16 -102.36	170.87 4.15 -92.55	167.62 3.78 -92.41	161.36 4.08 -83.03	151.07 4.08 -72.75
AUBURN___LFGE 323710	82.58 0.52 -8.35	80.05 0.29 -7.99	78.28 0.35 -7.17	77.76 0.07 -7.15	79.55 0.28 -8.51	83.33 0.66 -9.04	87.23 1.19 -11.48	90.37 1.10 -15.64	87.23 1.12 -11.56	85.96 0.97 -10.75	85.14 0.89 -9.72	82.66 0.66 -9.13	80.52 0.57 -9.19	80.32 0.49 -9.22	82.31 0.80 -8.78	84.54 0.87 -11.32	88.51 1.20 -12.60	103.05 1.82 -14.64	98.04 1.81 -13.84	88.90 1.34 -13.23	87.68 1.34 -12.17	83.71 0.64 -11.64	85.50 0.82 -10.44	84.21 0.82 -9.14
BABYLON_RES_REC 323704	146.94 9.21 -64.02	135.45 8.97 -54.70	127.89 8.06 -49.07	127.44 7.97 -48.93	137.27 8.27 -58.24	144.69 9.13 -61.94	165.53 8.57 -82.40	202.76 8.76 -120.38	182.71 9.09 -99.06	156.53 8.91 -73.38	152.04 9.76 -67.75	151.93 9.40 -69.65	151.74 8.77 -72.22	146.96 8.68 -67.67	151.93 9.31 -69.89	162.18 9.12 -80.71	190.66 9.78 -106.16	263.43 11.61 -165.23	222.33 10.96 -128.98	215.22 9.73 -131.16	190.11 9.71 -106.23	186.90 8.78 -106.69	154.90 9.20 -71.46	150.15 9.88 -66.03
BABYLON__69_KV_BK2 356345	147.98 10.25 -64.03	136.45 9.98 -54.70	128.95 9.13 -49.07	128.36 8.89 -48.93	138.26 9.27 -58.24	145.72 10.16 -61.94	174.78 9.69 -90.53	206.79 9.79 -123.37	184.20 9.99 -99.66	157.72 10.10 -73.38	153.01 10.73 -67.75	153.02 10.49 -69.65	152.95 9.98 -72.22	148.16 9.89 -67.67	153.09 10.47 -69.89	163.34 10.27 -80.71	191.49 10.61 -106.16	264.73 12.90 -165.23	223.64 12.28 -128.98	216.48 11.00 -131.16	191.23 10.83 -106.23	188.04 9.93 -106.69	156.32 10.62 -71.46	151.26 10.99 -66.03
BALL_HILL_WT_PWR 323825	79.23 -4.72 -10.24	76.68 -4.88 -9.79	75.01 -4.53 -8.78	74.01 -5.29 -8.76	76.51 -4.67 -10.43	80.07 -4.64 -11.08	83.94 -4.69 -14.08	86.47 -6.33 -19.17	82.03 -6.71 -14.18	79.59 -6.83 -12.18	77.02 -7.08 -9.57	74.85 -7.07 -9.04	73.12 -6.72 -9.08	73.23 -6.85 -9.47	77.17 -6.33 -10.77	79.15 -5.38 -13.88	84.80 -5.38 -15.46	98.41 -6.15 -17.96	93.85 -5.52 -16.97	84.98 -5.58 -16.24	83.33 -5.79 -14.94	79.06 -6.64 -14.27	81.54 -5.49 -12.79	81.14 -4.31 -11.21
BARON_WINDS___WT_PWR 323822	84.53 -2.88 -13.70	81.86 -3.01 -13.09	79.68 -2.83 -11.75	78.88 -3.38 -11.72	81.80 -2.90 -13.95	85.73 -2.72 -14.83	91.03 -2.39 -18.86	95.82 -3.46 -25.65	89.90 -3.73 -19.07	87.35 -4.01 -17.12	84.88 -4.32 -14.68	82.17 -4.52 -13.81	80.27 -4.39 -13.90	80.29 -4.45 -14.13	83.22 -3.93 -14.42	86.59 -4.34 -18.57	92.50 -2.99 -20.78	107.52 -3.20 -24.12	102.31 -2.89 -22.80	93.02 -3.12 -21.82	91.11 -3.19 -20.13	86.60 -3.93 -19.10	88.10 -3.27 -17.12	86.64 -2.60 -15.00
BARRETT_IC_1 23704	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_10 23701	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_11 23702	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_12 23703	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_2 23705	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_3 23706	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_4 23707	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04

BARRETT_IC_5 23708	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_6 23709	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_7 23710	145.54 7.81 -64.02	134.08 7.61 -54.70	126.76 6.93 -49.07	126.24 6.77 -48.93	136.00 7.00 -58.24	143.29 7.73 -61.94	160.54 7.53 -78.46	199.92 7.36 -118.93	181.09 7.75 -98.78	155.43 7.80 -73.39	150.70 8.42 -67.76	150.77 8.23 -69.66	150.91 7.92 -72.22	146.19 7.91 -67.68	150.84 8.22 -69.90	168.02 7.81 -87.84	188.88 7.99 -106.17	261.35 9.53 -165.23	220.43 9.06 -128.98	213.51 8.03 -131.16	188.42 8.01 -106.24	185.62 7.50 -106.70	153.80 8.09 -71.46	148.67 8.39 -66.04
BARRETT_IC_8 23711	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT_IC_9 23700	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT___1 23545	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BARRETT___2 23546	145.62 7.89 -64.02	134.23 7.75 -54.70	126.83 7.01 -49.07	126.39 6.92 -48.93	136.14 7.14 -58.24	143.45 7.88 -61.94	160.54 7.53 -78.46	200.07 7.51 -118.93	181.24 7.90 -98.78	155.42 7.79 -73.39	150.85 8.57 -67.76	150.77 8.23 -69.66	150.69 7.71 -72.22	145.98 7.70 -67.68	150.84 8.22 -69.90	168.16 7.96 -87.84	189.25 8.37 -106.17	261.61 9.78 -165.23	220.59 9.23 -128.98	213.73 8.25 -131.16	188.64 8.23 -106.24	185.62 7.50 -106.70	153.73 8.02 -71.46	148.82 8.53 -66.04
BATAVIA__115KV_TB1 55881	79.36 -3.17 -8.83	76.99 -3.23 -8.44	75.14 -3.18 -7.57	74.28 -3.81 -7.55	76.49 -3.25 -8.99	79.87 -3.31 -9.55	83.48 -3.21 -12.12	85.81 -4.34 -16.53	82.20 -4.55 -12.19	80.17 -4.83 -10.75	78.49 -4.92 -8.89	76.00 -5.25 -8.37	74.15 -5.02 -8.42	74.11 -5.15 -8.66	77.65 -4.36 -9.29	80.27 -4.05 -11.96	84.72 -3.29 -13.29	98.66 -3.38 -15.44	93.85 -3.13 -14.59	84.79 -3.49 -13.96	83.88 -3.12 -12.82	79.30 -4.43 -12.30	81.49 -3.79 -11.03	80.86 -3.04 -9.66
BAYONEEC___CTG1 323682	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG10 323750	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG2 323683	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG3 323684	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG4 323685	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG5 323686	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG6 323687	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59

BAYONEEC___CTG7 323688	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG8 323689	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BAYONEEC___CTG9 323749	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.47 6.48 -78.43	187.39 6.70 -107.06	160.40 7.31 -78.53	155.18 7.58 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.21 7.84 -85.66	184.88 9.17 -89.11	185.07 8.57 -94.11	171.98 7.66 -90.00	164.35 7.71 -82.47	158.15 7.07 -79.65	153.26 7.58 -71.44	144.85 8.02 -62.59
BEACON___LESR 323632	152.70 4.35 -74.65	147.36 4.23 -71.35	138.97 4.17 -64.04	138.49 4.09 -63.86	150.94 4.17 -76.01	158.84 4.42 -80.80	187.10 4.78 -107.77	217.87 4.49 -139.75	200.89 4.62 -121.71	180.77 4.68 -101.85	166.21 4.77 -86.91	156.82 4.59 -79.35	156.03 4.32 -80.95	156.06 4.31 -81.14	153.19 4.14 -76.32	177.34 3.83 -101.15	209.91 4.18 -131.01	240.85 5.02 -149.24	229.06 4.61 -142.06	215.17 4.16 -136.68	214.21 4.15 -135.89	180.72 3.93 -105.37	172.11 4.60 -93.26	160.18 4.23 -81.70
BEAVER RIVER___HYD 24048	74.99 -0.96 -2.24	72.92 -1.00 -2.14	71.62 -1.06 -1.92	71.33 -1.13 -1.92	72.05 -0.99 -2.28	74.95 -1.10 -2.43	76.79 -0.67 -2.91	77.75 -0.07 -4.20	76.89 -0.15 -2.48	76.79 -0.15 -2.69	76.99 -0.07 -2.54	75.34 0.07 -2.40	73.32 0.14 -2.42	73.18 0.14 -2.43	75.02 0.00 -2.29	75.59 0.22 -3.02	77.38 -0.07 -2.75	89.91 0.00 -3.31	85.57 0.08 -3.09	77.26 0.00 -2.93	76.38 -0.15 -2.36	74.22 -0.28 -3.08	76.23 -0.82 -2.80	75.59 -1.11 -2.45
BEEBEE_GT_13 23619	79.15 -2.14 -7.58	76.80 -2.23 -7.24	75.06 -2.19 -6.50	74.49 -2.54 -6.48	76.28 -2.19 -7.72	79.70 -2.14 -8.20	83.02 -1.94 -10.40	85.09 -2.72 -14.19	82.22 -2.76 -10.42	81.19 -2.90 -9.84	80.63 -2.98 -9.08	78.19 -3.21 -8.52	76.30 -3.04 -8.59	75.93 -3.25 -8.57	78.08 -2.62 -7.97	80.17 -2.46 -10.27	84.14 -1.94 -11.37	97.82 -1.99 -13.22	93.07 -1.81 -12.49	84.11 -2.16 -11.94	83.26 -1.85 -10.95	79.13 -2.86 -10.56	81.34 -2.38 -9.47	80.54 -2.00 -8.30
BENSHRST_27_KV_BENSHRST_1 355998	138.86 7.96 -57.20	133.98 7.54 -54.67	126.97 7.15 -49.07	126.45 6.98 -48.93	136.07 7.08 -58.24	143.12 7.58 -61.91	160.37 7.38 -78.44	187.98 7.29 -107.07	160.92 7.83 -78.54	156.22 8.61 -73.37	150.06 9.02 -66.52	148.41 8.82 -66.72	144.55 8.63 -65.16	144.62 8.61 -65.39	146.01 9.02 -64.26	158.47 8.61 -77.50	168.97 8.59 -85.66	196.53 10.31 -99.62	186.32 9.80 -94.12	173.03 8.70 -90.02	165.52 8.83 -82.53	159.44 8.36 -79.66	154.24 8.54 -71.45	145.83 8.98 -62.60
BETHLEHEM___GRP 23843	151.52 3.10 -74.72	146.21 3.01 -71.41	137.90 3.04 -64.10	137.42 2.96 -63.92	149.81 2.97 -76.08	157.59 3.09 -80.87	185.59 3.21 -107.83	216.46 2.95 -139.89	199.37 3.13 -121.68	179.34 3.19 -101.90	164.72 3.20 -86.99	155.40 3.13 -79.40	154.82 3.04 -81.02	154.78 2.97 -81.20	151.85 2.76 -76.36	176.06 2.46 -101.25	208.25 2.54 -130.99	238.86 3.03 -149.24	227.25 2.80 -142.05	213.52 2.53 -136.67	212.50 2.52 -135.81	179.39 2.50 -105.46	170.78 3.19 -93.34	158.99 2.97 -81.78
BETHLEHEM___GS1 323560	151.45 3.02 -74.72	146.21 3.01 -71.41	137.89 3.04 -64.10	137.42 2.96 -63.92	149.81 2.97 -76.08	157.59 3.09 -80.87	185.59 3.20 -107.83	216.46 2.95 -139.89	199.37 3.13 -121.68	179.33 3.19 -101.90	164.72 3.20 -86.99	155.40 3.13 -79.40	154.81 3.04 -81.02	154.85 3.03 -81.20	151.85 2.76 -76.36	175.99 2.38 -101.25	208.25 2.54 -130.99	238.78 2.95 -149.24	227.25 2.80 -142.05	213.52 2.53 -136.67	212.42 2.44 -135.81	179.32 2.43 -105.46	170.78 3.19 -93.34	159.00 2.97 -81.78
BETHLEHEM___GS2 323561	151.45 3.02 -74.72	146.21 3.01 -71.41	137.89 3.04 -64.10	137.42 2.96 -63.92	149.81 2.97 -76.08	157.59 3.09 -80.87	185.59 3.20 -107.83	216.46 2.95 -139.89	199.37 3.13 -121.68	179.33 3.19 -101.90	164.72 3.20 -86.99	155.40 3.13 -79.40	154.81 3.04 -81.02	154.85 3.03 -81.20	151.85 2.76 -76.36	175.99 2.38 -101.25	208.25 2.54 -130.99	238.78 2.95 -149.24	227.25 2.80 -142.05	213.52 2.53 -136.67	212.42 2.44 -135.81	179.32 2.43 -105.46	170.78 3.19 -93.34	159.00 2.97 -81.78
BETHLEHEM___GS3 323562	151.45 3.02 -74.72	146.21 3.01 -71.41	137.89 3.04 -64.10	137.42 2.96 -63.92	149.81 2.97 -76.08	157.59 3.09 -80.87	185.59 3.20 -107.83	216.46 2.95 -139.89	199.37 3.13 -121.68	179.33 3.19 -101.90	164.72 3.20 -86.99	155.40 3.13 -79.40	154.81 3.04 -81.02	154.85 3.03 -81.20	151.85 2.76 -76.36	175.99 2.38 -101.25	208.25 2.54 -130.99	238.78 2.95 -149.24	227.25 2.80 -142.05	213.52 2.53 -136.67	212.42 2.44 -135.81	179.32 2.43 -105.46	170.78 3.19 -93.34	159.00 2.97 -81.78
BETHLEHEM___STEEL 23779	79.07 -4.86 -10.23	76.60 -4.95 -9.77	74.72 -4.81 -8.77	73.86 -5.43 -8.75	76.29 -4.88 -10.41	79.76 -4.93 -11.07	83.54 -5.07 -14.06	86.07 -6.70 -19.14	81.71 -7.01 -14.16	79.21 -7.20 -12.17	76.88 -7.23 -9.59	74.57 -7.36 -9.05	72.77 -7.08 -9.09	72.88 -7.20 -9.47	77.08 -6.40 -10.76	80.07 -6.15 -13.86	84.62 -5.53 -15.44	98.29 -6.23 -17.93	93.49 -5.85 -16.95	84.74 -5.80 -16.21	83.67 -5.41 -14.92	79.11 -6.57 -14.25	81.23 -5.79 -12.77	80.83 -4.60 -11.19
BETHLHEM_115KV_TB1 79974	151.46 3.10 -74.66	146.15 3.01 -71.35	137.77 2.97 -64.04	137.30 2.89 -63.86	149.74 2.97 -76.01	157.52 3.09 -80.80	185.12 3.21 -107.36	216.34 2.95 -139.77	197.92 3.13 -120.24	178.83 3.19 -101.39	164.65 3.20 -86.92	155.31 3.13 -79.30	154.73 3.04 -80.93	154.69 2.97 -81.12	151.83 2.84 -76.27	176.05 2.53 -101.16	206.94 2.69 -129.54	237.48 3.12 -147.76	225.94 2.97 -140.59	212.14 2.60 -135.21	210.55 2.67 -133.71	179.27 2.57 -105.27	170.70 3.19 -93.27	159.00 3.04 -81.71
BETHPAGE_CC_5 323564	146.50 8.77 -64.02	135.01 8.54 -54.69	127.54 7.71 -49.07	127.09 7.62 -48.93	136.92 7.92 -58.24	144.25 8.68 -61.94	161.06 8.05 -78.45	200.65 8.10 -118.92	181.90 8.57 -98.78	156.08 8.46 -73.38	151.52 9.24 -67.75	151.42 8.89 -69.65	151.32 8.35 -72.22	146.61 8.33 -67.67	151.48 8.87 -69.89	161.97 8.68 -80.94	189.84 8.96 -106.16	262.39 10.56 -165.23	221.33 9.97 -128.98	214.32 8.84 -131.16	189.30 8.90 -106.23	186.18 8.07 -106.69	154.38 8.68 -71.46	149.78 9.51 -66.03
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	79.13 -4.94 -10.37	76.66 -5.02 -9.91	74.77 -4.88 -8.89	73.91 -5.50 -8.87	76.36 -4.95 -10.56	79.84 -5.01 -11.22	83.74 -5.07 -14.25	86.34 -6.70 -19.41	81.98 -6.93 -14.36	79.41 -7.20 -12.37	77.15 -7.15 -9.78	74.82 -7.29 -9.23	73.03 -7.00 -9.28	73.13 -7.13 -9.65	77.31 -6.33 -10.91	80.33 -6.08 -14.05	84.92 -5.45 -15.66	98.63 -6.15 -18.18	93.81 -5.77 -17.19	85.04 -5.72 -16.44	83.89 -5.41 -15.13	79.30 -6.57 -14.45	81.40 -5.79 -12.95	80.99 -4.60 -11.35

BINGHAMTON___COGEN 23790	93.96 0.52 -19.74	90.93 0.29 -18.87	87.97 0.28 -16.94	87.43 0.00 -16.89	91.14 0.28 -20.10	95.51 0.52 -21.37	102.66 0.82 -27.28	111.03 0.44 -36.96	102.86 0.45 -27.85	99.89 0.30 -25.35	97.30 0.30 -22.47	94.15 0.15 -21.13	92.09 0.07 -21.26	92.01 0.00 -21.40	93.94 0.44 -20.78	99.55 0.43 -26.76	105.93 0.90 -30.32	122.94 1.21 -35.13	116.86 1.24 -33.23	106.95 0.82 -31.81	104.55 0.82 -29.56	99.26 0.29 -27.55	99.35 0.45 -24.66	96.59 0.74 -21.61
BIXINCNT_115KV_LOAD 355685	78.75 -5.97 -11.01	76.49 -5.81 -10.53	74.54 -5.66 -9.45	73.47 -6.49 -9.42	76.17 -5.80 -11.21	79.80 -5.74 -11.92	84.34 -5.37 -15.15	87.32 -6.92 -20.62	82.82 -7.01 -15.27	80.53 -6.98 -13.26	78.27 -6.93 -10.68	75.95 -7.00 -10.07	74.01 -6.86 -10.12	74.03 -7.06 -10.48	77.84 -6.47 -11.59	81.06 -6.22 -14.93	85.83 -5.53 -16.65	99.78 -6.15 -19.33	94.90 -5.77 -18.28	86.01 -5.80 -17.48	84.48 -5.79 -16.10	79.85 -6.93 -15.35	81.77 -6.24 -13.76	81.18 -5.12 -12.05
BLACK RIVER___HYD 24047	77.01 0.22 -3.08	74.72 0.00 -2.95	73.33 -0.07 -2.64	72.90 -0.28 -2.64	73.89 0.00 -3.14	76.96 0.00 -3.34	79.30 0.75 -4.00	80.79 1.40 -5.77	79.46 1.49 -3.41	79.35 1.41 -3.70	79.63 1.57 -3.54	77.70 1.53 -3.29	75.58 1.49 -3.34	75.44 1.49 -3.35	77.34 1.45 -3.16	78.11 1.59 -4.16	80.07 1.57 -3.78	93.22 2.07 -4.55	88.71 2.06 -4.25	79.99 1.63 -4.03	78.81 1.41 -3.24	76.59 0.93 -4.23	78.54 0.45 -3.85	77.77 0.15 -3.37
BLACKRVR_115KV_TB2 79977	77.01 0.22 -3.08	74.72 0.00 -2.95	73.33 -0.07 -2.64	72.90 -0.28 -2.64	73.89 0.00 -3.14	77.04 0.07 -3.34	79.30 0.75 -4.00	80.80 1.40 -5.77	79.46 1.49 -3.41	79.35 1.41 -3.70	79.63 1.57 -3.54	77.63 1.46 -3.29	75.58 1.49 -3.34	75.44 1.48 -3.35	77.34 1.45 -3.16	78.11 1.59 -4.16	80.07 1.57 -3.78	93.23 2.08 -4.55	88.71 2.06 -4.25	79.99 1.64 -4.03	78.82 1.41 -3.24	76.59 0.93 -4.23	78.62 0.52 -3.85	77.77 0.15 -3.37
BLISS_WT_PWR 323608	78.30 -6.41 -11.01	76.06 -6.25 -10.53	74.26 -5.94 -9.45	73.12 -6.84 -9.42	75.81 -6.16 -11.21	79.51 -6.04 -11.92	84.03 -5.67 -15.15	87.10 -7.14 -20.62	82.53 -7.30 -15.27	80.38 -7.13 -13.26	77.97 -7.23 -10.68	75.81 -7.14 -10.07	73.80 -7.08 -10.12	73.82 -7.27 -10.48	77.33 -6.98 -11.59	79.76 -7.53 -14.93	85.54 -5.83 -16.65	99.26 -6.67 -19.33	94.57 -6.10 -18.28	85.64 -6.17 -17.48	83.67 -6.60 -16.10	79.20 -7.57 -15.35	81.54 -6.46 -13.76	80.95 -5.35 -12.05
BLUESTONE___WT_PWR 323821	99.63 4.72 -21.21	96.28 4.23 -20.27	92.98 4.03 -18.19	92.28 3.60 -18.14	96.38 4.03 -21.59	101.07 4.49 -22.95	109.82 5.29 -29.96	118.48 5.15 -39.70	112.03 5.22 -32.25	107.28 4.98 -28.06	103.79 4.92 -24.35	100.43 4.67 -22.89	98.26 4.46 -23.04	98.07 4.31 -23.15	99.78 4.72 -22.33	105.80 4.70 -28.74	115.29 5.68 -34.90	133.77 7.10 -40.07	127.42 7.00 -38.03	116.70 5.87 -36.51	114.92 5.57 -35.18	105.91 4.71 -29.77	105.71 4.98 -26.49	102.57 5.12 -23.21
BLUE_CIRC_CHEM_DRP 24182	150.24 3.24 -73.29	145.06 3.23 -70.05	136.81 3.18 -62.87	136.34 3.10 -62.69	148.56 3.18 -74.62	156.27 3.31 -79.32	181.84 3.36 -103.93	213.85 3.02 -137.21	190.48 3.13 -112.79	175.17 3.04 -97.88	162.91 3.06 -85.33	153.85 2.92 -78.06	153.15 2.83 -79.57	153.19 2.82 -79.75	150.65 2.84 -75.08	174.49 2.82 -99.31	199.63 2.99 -121.92	229.97 3.55 -139.82	218.46 3.30 -132.77	204.79 2.97 -127.49	200.77 3.04 -123.56	177.32 2.93 -102.96	169.14 3.34 -91.56	157.65 3.19 -80.21
BOC_GAS_DRP 24189	150.74 2.73 -74.31	145.46 2.66 -71.02	137.12 2.62 -63.74	136.72 2.61 -63.57	149.03 2.62 -75.66	156.85 2.80 -80.43	182.15 2.83 -104.76	215.39 2.65 -139.12	189.58 2.83 -112.19	175.70 2.90 -98.56	163.95 2.91 -86.51	154.47 2.84 -78.76	153.98 2.76 -80.46	154.01 2.75 -80.64	151.24 2.76 -75.75	175.72 2.68 -100.69	198.92 2.76 -121.44	229.39 3.20 -139.59	217.88 3.05 -132.44	204.16 2.75 -127.09	198.99 2.74 -122.08	178.30 2.64 -104.24	170.05 2.97 -92.83	158.40 2.82 -81.33
BOONVILLE_115KV_TB1 79983	77.30 1.62 -1.97	75.17 1.51 -1.89	73.87 1.42 -1.69	73.43 1.20 -1.69	74.18 1.42 -2.01	77.38 1.62 -2.14	79.21 2.09 -2.56	79.53 2.21 -3.70	79.13 2.39 -2.19	78.92 2.30 -2.37	79.11 2.31 -2.27	77.24 2.26 -2.11	75.08 2.19 -2.13	74.86 2.12 -2.13	76.92 2.18 -2.01	77.32 2.32 -2.65	79.59 2.47 -2.41	92.54 3.03 -2.91	88.00 2.88 -2.73	79.36 2.45 -2.58	78.54 2.30 -2.08	76.14 2.00 -2.71	78.57 1.86 -2.47	78.11 1.71 -2.16
BORALEX_4TH_BRANCH 23824	152.73 4.72 -74.31	147.39 4.59 -71.02	139.24 4.74 -63.74	138.83 4.73 -63.56	151.22 4.81 -75.66	159.13 5.08 -80.42	190.79 5.22 -111.01	217.60 4.86 -139.11	214.25 5.22 -134.48	185.16 5.35 -105.57	166.03 4.99 -86.51	157.55 4.96 -79.72	156.47 4.74 -80.98	156.44 4.66 -81.17	154.50 5.09 -76.68	178.40 5.35 -100.68	224.05 5.60 -143.74	254.71 6.23 -161.88	243.30 6.18 -154.73	229.35 5.65 -149.38	234.67 5.64 -154.86	182.57 5.29 -105.86	172.57 5.49 -92.83	160.47 4.90 -81.33
BOWLINE___1 23526	134.81 5.68 -55.43	130.21 5.45 -52.97	123.47 5.16 -47.55	122.96 5.01 -47.41	132.29 5.10 -56.43	139.29 5.67 -59.99	156.02 5.44 -76.02	182.84 5.45 -103.77	156.28 5.59 -76.13	151.15 5.79 -71.11	145.16 6.18 -64.45	143.38 5.98 -64.53	139.50 5.66 -63.08	139.49 5.58 -63.30	140.92 6.03 -62.16	153.25 5.79 -75.10	163.95 6.20 -83.04	190.52 7.36 -96.57	180.55 6.92 -91.24	167.67 6.10 -87.25	160.21 6.08 -79.96	154.20 5.57 -77.20	149.35 5.86 -69.24	141.00 6.09 -60.66
BOWLINE___2 23595	134.74 5.60 -55.43	130.07 5.31 -52.98	123.33 5.02 -47.55	122.90 4.94 -47.42	132.22 5.02 -56.44	139.15 5.52 -60.00	155.96 5.37 -76.03	182.77 5.37 -103.78	156.36 5.66 -76.14	151.16 5.79 -71.12	145.17 6.18 -64.46	143.39 5.98 -64.54	139.50 5.66 -63.08	139.49 5.58 -63.31	140.93 6.03 -62.17	153.26 5.79 -75.11	164.04 6.28 -83.04	190.53 7.36 -96.58	180.56 6.92 -91.25	167.68 6.10 -87.26	160.21 6.08 -79.96	154.21 5.57 -77.20	149.36 5.86 -69.25	141.00 6.09 -60.67
BRADY___115KV_TB2 356060	71.86 -1.84 0.00	70.63 -1.15 0.00	69.62 -1.13 0.00	69.62 -0.92 0.00	69.70 -1.06 0.00	71.93 -1.69 0.00	71.95 -2.61 0.00	72.01 -1.62 0.00	72.02 -2.53 0.00	71.87 -2.38 0.00	71.59 -2.68 0.25	71.49 -1.38 0.00	69.77 -0.99 0.00	69.83 -0.78 0.00	71.20 -1.53 0.00	70.84 -1.52 0.00	72.17 -2.54 0.00	82.96 -3.64 0.00	79.01 -3.38 0.00	72.02 -2.30 0.00	71.50 -2.67 0.00	70.36 -1.07 0.00	72.09 -2.15 0.00	71.94 -2.30 0.00
BRANSCOMB___SOLAR 323811	155.57 5.16 -76.70	150.04 4.95 -73.31	141.51 4.95 -65.80	140.95 4.80 -65.61	153.81 4.95 -78.10	161.21 4.57 -83.02	197.56 5.00 -118.01	222.01 4.78 -143.60	230.47 4.92 -150.99	191.95 4.90 -112.81	168.67 4.84 -89.30	159.25 4.59 -81.78	158.53 4.46 -83.31	158.50 4.38 -83.51	156.11 4.72 -78.66	181.07 4.77 -103.93	240.49 5.23 -160.55	272.11 6.24 -179.27	260.22 5.94 -171.90	245.90 5.20 -166.38	257.12 5.19 -177.76	186.37 4.79 -110.16	174.89 4.82 -95.82	163.54 5.35 -83.95
BRENTWOD_69_KV_W. BRTWOOD 56703	147.83 10.10 -64.03	136.31 9.83 -54.70	128.81 8.99 -49.07	128.22 8.75 -48.93	138.12 9.13 -58.24	145.58 10.01 -61.94	174.83 9.32 -90.96	206.65 9.50 -123.52	183.86 9.62 -99.69	157.50 9.87 -73.38	152.86 10.58 -67.75	152.88 10.35 -69.65	152.81 9.84 -72.22	147.95 9.67 -67.67	152.87 10.25 -69.89	162.79 9.99 -80.45	191.26 10.39 -106.16	264.38 12.56 -165.23	223.23 11.86 -128.98	216.19 10.70 -131.16	190.93 10.53 -106.23	187.76 9.64 -106.69	156.02 10.32 -71.45	151.04 10.77 -66.03



BRISTLHL_115KV_TB1 79998	76.75 -1.62 -4.67	74.52 -1.72 -4.46	73.06 -1.70 -4.00	72.70 -1.83 -3.99	73.81 -1.70 -4.75	77.06 -1.62 -5.05	79.27 -1.34 -6.05	80.89 -1.47 -8.74	78.31 -1.42 -5.17	78.29 -1.56 -5.60	78.39 -1.57 -5.43	76.04 -1.82 -4.99	73.91 -1.91 -5.07	73.71 -1.98 -5.08	75.70 -1.82 -4.79	76.86 -1.81 -6.31	78.81 -1.64 -5.74	91.76 -1.73 -6.89	87.19 -1.65 -6.44	78.72 -1.71 -6.11	77.52 -1.56 -4.91	76.05 -1.79 -6.41	78.44 -1.63 -5.83	77.65 -1.71 -5.11
BROOKHAVEN___DRP 24191	147.90 10.17 -64.03	136.31 9.83 -54.70	128.74 8.92 -49.07	128.15 8.68 -48.93	138.12 9.13 -58.24	145.58 10.01 -61.94	220.52 9.39 -136.57	223.36 9.42 -140.31	187.26 9.69 -103.01	156.76 9.13 -73.38	152.04 9.76 -67.75	152.07 9.55 -69.65	151.96 8.99 -72.22	147.03 8.76 -67.67	152.00 9.38 -69.89	161.79 9.04 -80.39	190.37 9.49 -106.16	263.00 11.17 -165.23	222.00 10.63 -128.98	215.30 9.81 -131.16	189.97 9.57 -106.23	186.83 8.71 -106.69	155.20 9.50 -71.45	150.45 10.17 -66.03
BROOKLYN_NAVY_YARD 23515	138.04 7.15 -57.18	133.33 6.89 -54.66	126.25 6.44 -49.05	125.74 6.28 -48.92	135.28 6.30 -58.22	142.44 6.92 -61.89	159.62 6.63 -78.43	187.53 6.85 -107.06	160.47 7.38 -78.53	155.26 7.65 -73.36	149.01 7.98 -66.50	147.38 7.80 -66.70	143.33 7.43 -65.15	143.40 7.41 -65.38	144.90 7.93 -64.25	157.37 7.52 -77.49	168.37 8.00 -85.66	195.57 9.36 -99.62	185.24 8.73 -94.12	172.13 7.80 -90.00	164.49 7.86 -82.47	158.22 7.14 -79.65	153.41 7.72 -71.44	144.93 8.09 -62.59
BROOKLYN___ARMY_DRP 323595	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
BROOKVLE_69_KV_TB1 55790	145.76 8.03 -64.02	134.22 7.75 -54.69	126.97 7.15 -49.07	126.45 6.98 -48.93	136.14 7.15 -58.24	143.44 7.88 -61.93	160.83 7.83 -78.45	200.43 7.88 -118.92	181.54 8.20 -98.78	155.94 8.32 -73.38	151.22 8.94 -67.75	151.27 8.75 -69.65	151.46 8.49 -72.22	146.68 8.40 -67.67	151.42 8.80 -69.89	162.41 8.54 -81.52	189.55 8.67 -106.17	261.96 10.13 -165.23	221.01 9.64 -128.98	214.03 8.55 -131.16	188.86 8.46 -106.23	186.26 8.14 -106.69	154.24 8.54 -71.46	149.11 8.84 -66.03
BROOME_2_LFGE 323671	93.97 0.52 -19.74	90.94 0.29 -18.87	88.05 0.36 -16.94	87.50 0.07 -16.89	91.14 0.28 -20.10	95.58 0.59 -21.37	102.66 0.82 -27.28	111.03 0.44 -36.96	102.79 0.37 -27.85	99.89 0.30 -25.35	97.22 0.22 -22.47	94.07 0.07 -21.13	92.02 0.00 -21.26	91.94 -0.07 -21.40	93.87 0.37 -20.78	99.26 0.15 -26.76	105.86 0.82 -30.32	122.94 1.21 -35.13	116.86 1.24 -33.23	106.96 0.82 -31.81	104.40 0.67 -29.56	99.19 0.21 -27.55	99.43 0.52 -24.66	96.59 0.74 -21.61
BROOME___LFGE 323600	93.97 0.52 -19.74	90.94 0.29 -18.87	88.05 0.36 -16.94	87.50 0.07 -16.89	91.14 0.28 -20.10	95.58 0.59 -21.37	102.66 0.82 -27.28	111.03 0.44 -36.96	102.79 0.37 -27.85	99.89 0.30 -25.35	97.22 0.22 -22.47	94.07 0.07 -21.13	92.02 0.00 -21.26	91.94 -0.07 -21.40	93.87 0.37 -20.78	99.26 0.15 -26.76	105.86 0.82 -30.32	122.94 1.21 -35.13	116.86 1.24 -33.23	106.96 0.82 -31.81	104.40 0.67 -29.56	99.19 0.21 -27.55	99.43 0.52 -24.66	96.59 0.74 -21.61
BROWNFLS_115KV_TB_3_5 80003	72.55 -2.73 -1.57	70.91 -2.37 -1.50	69.70 -2.41 -1.35	69.56 -2.33 -1.35	70.02 -2.33 -1.60	72.68 -2.65 -1.70	73.69 -2.91 -2.04	74.51 -2.06 -2.95	73.76 -2.53 -1.74	73.68 -2.45 -1.89	73.62 -2.61 -1.70	72.73 -1.82 -1.68	70.90 -1.56 -1.70	70.83 -1.48 -1.71	72.37 -1.96 -1.61	72.60 -1.88 -2.12	74.10 -2.54 -1.93	85.72 -3.20 -2.32	81.51 -3.05 -2.17	73.93 -2.45 -2.06	73.08 -2.74 -1.65	71.66 -1.93 -2.16	73.46 -2.75 -1.97	72.92 -3.04 -1.72
BROWNSV1_27_KV_LOAD 356125	138.48 7.59 -57.18	133.68 7.25 -54.66	126.60 6.79 -49.05	126.09 6.63 -48.92	135.63 6.65 -58.22	142.74 7.22 -61.89	160.15 7.16 -78.43	187.90 7.22 -107.06	160.84 7.75 -78.53	155.77 8.17 -73.36	149.68 8.65 -66.50	148.03 8.45 -66.70	144.18 8.28 -65.15	144.25 8.26 -65.38	145.63 8.65 -64.25	158.09 8.25 -77.49	168.59 8.22 -85.66	196.00 9.79 -99.62	185.82 9.31 -94.12	172.57 8.25 -90.00	164.79 8.16 -82.47	158.86 7.79 -79.65	153.70 8.02 -71.44	145.45 8.61 -62.59
BURROWS___LYONSDAL 23803	76.84 1.11 -2.03	74.65 0.93 -1.94	73.34 0.85 -1.74	72.98 0.71 -1.73	73.67 0.85 -2.06	76.85 1.03 -2.19	78.68 1.49 -2.63	79.19 1.77 -3.79	78.59 1.79 -2.24	78.46 1.78 -2.43	78.64 1.79 -2.32	76.79 1.75 -2.17	74.64 1.70 -2.18	74.42 1.62 -2.19	76.46 1.67 -2.07	76.89 1.81 -2.72	79.13 1.94 -2.48	91.93 2.34 -2.99	87.50 2.31 -2.80	78.91 1.93 -2.65	78.00 1.71 -2.13	75.71 1.50 -2.78	78.04 1.26 -2.53	77.58 1.11 -2.22
CAITHNESS_CC_1 323624	147.68 9.95 -64.03	136.16 9.69 -54.70	128.52 8.70 -49.07	128.07 8.60 -48.93	137.98 8.99 -58.24	145.50 9.94 -61.94	219.83 9.09 -136.18	223.07 9.28 -140.17	187.09 9.55 -102.98	156.60 8.98 -73.38	152.04 9.76 -67.75	152.00 9.47 -69.65	151.82 8.84 -72.22	146.82 8.54 -67.67	151.93 9.31 -69.89	161.57 8.82 -80.38	190.82 9.94 -106.16	263.08 11.25 -165.23	222.16 10.79 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.75 8.64 -106.69	154.83 9.13 -71.45	150.29 10.02 -66.03
CALPINE BETH_PAGE_GT4 24209	146.35 8.62 -64.02	134.80 8.33 -54.69	127.46 7.64 -49.07	126.88 7.41 -48.93	136.71 7.71 -58.24	144.03 8.47 -61.93	161.21 8.20 -78.45	200.65 8.10 -118.92	181.83 8.50 -98.78	156.09 8.46 -73.38	151.44 9.17 -67.75	151.49 8.96 -69.65	151.53 8.56 -72.22	146.82 8.54 -67.67	151.56 8.95 -69.89	162.23 8.68 -81.19	189.40 8.52 -106.16	262.04 10.22 -165.23	221.09 9.72 -128.98	214.11 8.62 -131.16	189.00 8.60 -106.23	186.11 8.00 -106.69	154.54 8.84 -71.46	149.63 9.35 -66.03
CALPINE_BETH_PAGE_GT_4 323586	146.42 8.69 -64.02	134.94 8.47 -54.69	127.47 7.64 -49.07	127.02 7.55 -48.93	136.85 7.85 -58.24	144.17 8.61 -61.93	161.13 8.13 -78.45	200.79 8.24 -118.92	181.98 8.64 -98.78	156.08 8.46 -73.38	151.52 9.24 -67.75	151.49 8.96 -69.65	151.39 8.42 -72.22	146.61 8.33 -67.67	151.56 8.94 -69.89	162.22 8.68 -81.19	189.77 8.89 -106.16	262.30 10.47 -165.23	221.25 9.88 -128.98	214.25 8.77 -131.16	189.22 8.82 -106.23	186.11 8.00 -106.69	154.38 8.68 -71.46	149.71 9.43 -66.03
CALPINE_BP_GT1 23823	146.42 8.69 -64.02	134.94 8.47 -54.69	127.47 7.64 -49.07	127.02 7.55 -48.93	136.85 7.85 -58.24	144.17 8.61 -61.93	161.13 8.13 -78.45	200.79 8.24 -118.92	181.98 8.64 -98.78	156.08 8.46 -73.38	151.52 9.24 -67.75	151.49 8.96 -69.65	151.39 8.42 -72.22	146.61 8.33 -67.67	151.56 8.94 -69.89	162.22 8.68 -81.19	189.77 8.89 -106.16	262.30 10.47 -165.23	221.25 9.88 -128.98	214.25 8.77 -131.16	189.22 8.82 -106.23	186.11 8.00 -106.69	154.38 8.68 -71.46	149.71 9.43 -66.03
CALSPAN___DRP 24200	79.07 -4.86 -10.23	76.60 -4.95 -9.77	74.72 -4.81 -8.77	73.86 -5.43 -8.75	76.29 -4.88 -10.41	79.76 -4.93 -11.07	83.54 -5.07 -14.06	86.07 -6.70 -19.14	81.71 -7.01 -14.16	79.21 -7.20 -12.17	76.88 -7.23 -9.59	74.57 -7.36 -9.05	72.77 -7.08 -9.09	72.88 -7.20 -9.47	77.08 -6.40 -10.76	80.07 -6.15 -13.86	84.62 -5.53 -15.44	98.29 -6.23 -17.93	93.49 -5.85 -16.95	84.74 -5.80 -16.21	83.67 -5.41 -14.92	79.11 -6.57 -14.25	81.23 -5.79 -12.77	80.83 -4.60 -11.19

CALVERTON___SOLAR 323806	148.27 10.54 -64.03	136.67 10.19 -54.70	129.02 9.19 -49.07	128.50 9.03 -48.93	138.48 9.48 -58.24	146.02 10.45 -61.94	221.03 9.69 -136.78	223.81 9.79 -140.39	187.80 10.22 -103.03	156.83 9.20 -73.38	152.19 9.91 -67.75	152.07 9.54 -69.65	151.82 8.84 -72.22	146.82 8.54 -67.67	152.00 9.39 -69.89	161.64 8.90 -80.39	191.11 10.24 -106.16	263.25 11.43 -165.23	222.33 10.96 -128.98	215.51 10.03 -131.16	190.41 10.01 -106.23	186.97 8.86 -106.69	154.98 9.28 -71.45	150.59 10.32 -66.03
CANDIGU_WT_PWR 323617	84.53 -2.88 -13.70	81.86 -3.01 -13.09	79.68 -2.83 -11.75	78.88 -3.38 -11.72	81.80 -2.90 -13.95	85.73 -2.72 -14.83	91.03 -2.39 -18.86	95.82 -3.46 -25.65	89.90 -3.73 -19.07	87.35 -4.01 -17.12	84.88 -4.32 -14.68	82.17 -4.52 -13.81	80.27 -4.39 -13.90	80.29 -4.45 -14.13	83.22 -3.93 -14.42	86.59 -4.34 -18.57	92.50 -2.99 -20.78	107.52 -3.20 -24.12	102.31 -2.89 -22.80	93.02 -3.12 -21.82	91.11 -3.19 -20.13	86.60 -3.93 -19.10	88.10 -3.27 -17.12	86.64 -2.60 -15.00
CARR STREET_E__SYR 24060	78.86 -0.74 -5.89	76.48 -0.94 -5.63	74.96 -0.85 -5.05	74.53 -1.06 -5.04	75.83 -0.92 -6.00	79.27 -0.74 -6.38	81.83 -0.37 -7.64	84.07 -0.59 -11.03	80.57 -0.52 -6.53	80.65 -0.67 -7.07	80.71 -0.67 -6.85	78.44 -0.87 -6.44	76.32 -0.92 -6.49	76.13 -0.99 -6.51	78.13 -0.80 -6.20	79.34 -1.01 -7.99	81.46 -0.52 -7.27	94.86 -0.43 -8.70	90.11 -0.41 -8.13	81.43 -0.60 -7.71	79.69 -0.67 -6.20	78.59 -0.93 -8.09	80.86 -0.74 -7.36	80.02 -0.67 -6.45
CARTHAGE___PAPER 23857	75.73 -0.74 -2.76	73.63 -0.79 -2.63	72.28 -0.85 -2.36	71.91 -0.99 -2.36	72.79 -0.78 -2.81	75.80 -0.81 -2.98	77.91 -0.22 -3.58	79.23 0.44 -5.16	77.99 0.37 -3.05	77.93 0.37 -3.31	78.13 0.45 -3.15	76.34 0.51 -2.95	74.24 0.50 -2.98	74.16 0.56 -2.99	75.99 0.44 -2.82	76.73 0.65 -3.72	78.55 0.45 -3.38	91.36 0.69 -4.07	86.85 0.66 -3.81	78.52 0.59 -3.61	77.44 0.37 -2.90	75.28 0.07 -3.79	77.17 -0.52 -3.44	76.45 -0.82 -3.02
CASSADAGA_WT_PWR 323784	80.44 -3.98 -10.72	77.79 -4.23 -10.24	76.06 -3.89 -9.19	75.12 -4.58 -9.17	77.78 -3.89 -10.91	81.55 -3.68 -11.60	85.87 -3.43 -14.74	88.76 -4.93 -20.06	84.12 -5.29 -14.85	81.60 -5.49 -12.85	79.12 -5.67 -10.26	76.87 -5.68 -9.68	75.04 -5.45 -9.73	75.13 -5.58 -10.10	78.91 -5.09 -11.28	81.09 -5.79 -14.53	86.87 -4.04 -16.19	100.90 -4.51 -18.81	96.05 -4.12 -17.78	87.09 -4.23 -17.00	85.23 -4.60 -15.66	80.79 -5.57 -14.94	83.25 -4.38 -13.39	82.71 -3.27 -11.73
CE_DUNWOOD___DRP 24194	137.12 6.34 -57.07	132.36 6.03 -54.55	125.45 5.73 -48.96	124.94 5.57 -48.82	134.53 5.66 -58.11	141.51 6.11 -61.77	159.02 6.19 -78.28	186.66 6.18 -106.85	159.42 6.49 -78.38	154.30 6.83 -73.22	148.13 7.23 -66.37	146.51 7.07 -66.57	142.64 6.86 -65.02	142.71 6.85 -65.25	143.97 7.13 -64.12	156.57 6.87 -77.34	167.23 7.02 -85.49	194.33 8.31 -99.42	184.24 7.91 -93.94	171.14 6.99 -89.83	163.37 6.90 -82.31	157.49 6.57 -79.49	152.30 6.76 -71.30	143.76 7.05 -62.47
CE_MILLWOOD___DRP 24193	136.76 6.19 -56.86	132.01 5.89 -54.35	125.12 5.59 -48.78	124.61 5.43 -48.64	134.17 5.52 -57.89	141.13 5.96 -61.54	158.51 5.96 -77.99	186.04 5.96 -106.45	158.91 6.26 -78.09	153.80 6.61 -72.95	147.66 7.01 -66.12	145.96 6.78 -66.30	142.17 6.65 -64.77	142.17 6.57 -65.00	143.50 6.91 -63.86	156.06 6.66 -77.05	166.68 6.80 -85.17	193.70 8.05 -99.05	183.64 7.66 -93.59	170.58 6.76 -89.49	162.92 6.75 -82.00	156.98 6.36 -79.19	151.81 6.53 -71.03	143.23 6.76 -62.23
CE_NYC2_DRP 24202	138.27 7.37 -57.20	133.48 7.03 -54.67	126.40 6.58 -49.07	125.89 6.42 -48.93	135.50 6.51 -58.24	142.53 6.99 -61.91	159.85 6.86 -78.44	187.32 6.63 -107.07	160.25 7.16 -78.54	155.41 7.80 -73.37	149.32 8.27 -66.52	147.68 8.09 -66.72	143.84 7.92 -65.16	143.91 7.91 -65.39	145.28 8.29 -64.26	157.75 7.89 -77.50	168.15 7.77 -85.66	195.40 9.18 -99.62	185.25 8.73 -94.12	172.06 7.73 -90.01	164.43 7.79 -82.48	158.52 7.43 -79.66	153.42 7.72 -71.45	145.09 8.24 -62.60
CE_NYC_DRP 24195	137.89 7.00 -57.18	133.11 6.68 -54.65	126.11 6.30 -49.05	125.52 6.07 -48.92	135.14 6.16 -58.22	142.22 6.70 -61.89	159.33 6.64 -78.14	185.11 6.63 -104.85	160.15 7.16 -78.44	155.18 7.57 -73.36	149.08 8.05 -66.50	147.45 7.87 -66.70	143.69 7.78 -65.15	143.68 7.70 -65.38	145.05 8.07 -64.25	157.49 7.67 -77.47	167.14 7.62 -84.81	192.26 9.01 -96.65	182.83 8.49 -91.95	170.75 7.58 -88.84	163.56 7.49 -81.91	158.14 7.14 -79.57	153.03 7.35 -71.44	144.78 7.94 -62.59
CHAFFEE___LFGE 323603	79.46 -4.87 -10.62	76.90 -5.03 -10.15	75.12 -4.74 -9.11	74.19 -5.43 -9.08	76.69 -4.88 -10.81	80.26 -4.86 -11.49	84.16 -4.99 -14.60	86.88 -6.63 -19.88	82.26 -7.01 -14.72	79.83 -7.13 -12.72	77.36 -7.30 -10.13	75.15 -7.29 -9.56	73.36 -7.01 -9.61	73.53 -7.06 -9.98	77.35 -6.55 -11.17	79.44 -7.31 -14.39	85.15 -5.60 -16.04	98.82 -6.41 -18.63	94.15 -5.85 -17.61	85.37 -5.80 -16.85	83.67 -6.01 -15.51	79.37 -6.86 -14.80	81.79 -5.72 -13.26	81.33 -4.53 -11.62
CHATEAUG_35_KV_LOAD 355732	71.13 -2.58 0.00	69.55 -2.23 0.00	68.63 -2.12 0.00	68.64 -1.90 0.00	68.63 -2.12 0.00	70.98 -2.65 0.00	71.35 -3.21 0.00	71.05 -2.58 0.00	71.50 -3.06 0.00	71.28 -2.97 0.00	71.31 -3.20 0.01	70.25 -2.62 0.00	68.35 -2.41 0.00	68.35 -2.26 0.00	69.96 -2.76 0.00	69.68 -2.68 0.00	71.58 -3.14 0.00	82.27 -4.33 0.00	78.19 -4.20 0.00	71.28 -3.05 0.00	70.90 -3.26 0.00	68.86 -2.57 0.00	71.05 -3.19 0.00	71.13 -3.12 0.00
CHATEAUG_WT_PWR 323614	70.83 -2.88 0.00	69.34 -2.44 0.00	68.35 -2.41 0.00	68.43 -2.11 0.00	68.35 -2.41 0.00	70.68 -2.95 0.00	71.05 -3.50 0.00	70.68 -2.95 0.00	71.20 -3.35 0.00	70.98 -3.27 0.00	71.18 -3.35 -0.01	70.03 -2.84 0.00	68.07 -2.69 0.00	68.14 -2.47 0.00	69.81 -2.91 0.00	69.82 -2.53 0.00	71.20 -3.51 0.00	81.92 -4.68 0.00	77.86 -4.53 0.00	70.91 -3.42 0.00	70.76 -3.41 0.00	68.64 -2.79 0.00	70.61 -3.64 0.00	70.83 -3.41 0.00
CHAT_HIGH_FALL_HYD 323578	71.13 -2.58 0.00	69.55 -2.23 0.00	68.63 -2.12 0.00	68.64 -1.90 0.00	68.63 -2.12 0.00	70.98 -2.65 0.00	71.35 -3.21 0.00	71.05 -2.58 0.00	71.50 -3.06 0.00	71.28 -2.97 0.00	71.31 -3.20 0.01	70.25 -2.62 0.00	68.35 -2.41 0.00	68.35 -2.26 0.00	69.96 -2.76 0.00	69.68 -2.68 0.00	71.58 -3.14 0.00	82.27 -4.33 0.00	78.19 -4.20 0.00	71.28 -3.05 0.00	70.90 -3.26 0.00	68.86 -2.57 0.00	71.05 -3.19 0.00	71.13 -3.12 0.00
CHAUTAUQUA___LFGE 323629	79.93 -4.20 -10.43	77.36 -4.38 -9.97	75.60 -4.11 -8.94	74.66 -4.80 -8.92	77.20 -4.17 -10.62	80.94 -3.98 -11.29	84.94 -3.95 -14.34	87.62 -5.52 -19.52	83.11 -5.89 -14.45	80.60 -6.09 -12.44	78.04 -6.34 -9.85	75.91 -6.27 -9.30	74.08 -6.01 -9.34	74.18 -6.14 -9.72	78.10 -5.60 -10.97	80.12 -6.37 -14.13	85.90 -4.56 -15.75	99.69 -5.19 -18.29	94.99 -4.69 -17.29	86.03 -4.83 -16.54	84.34 -5.05 -15.22	79.96 -6.00 -14.53	82.45 -4.82 -13.03	82.02 -3.64 -11.41
CHERRYST_13_KV_LD 356241	138.11 7.22 -57.18	133.32 6.89 -54.65	126.25 6.44 -49.05	125.74 6.28 -48.92	135.35 6.37 -58.22	142.44 6.92 -61.89	159.56 6.86 -78.14	185.40 6.92 -104.85	160.45 7.46 -78.44	155.48 7.87 -73.36	149.38 8.35 -66.50	147.74 8.16 -66.70	143.97 8.07 -65.15	143.97 7.98 -65.38	145.34 8.36 -64.25	157.78 7.96 -77.47	167.44 7.92 -84.81	192.60 9.35 -96.65	183.16 8.82 -91.95	171.05 7.88 -88.84	163.86 7.79 -81.91	158.42 7.43 -79.57	153.33 7.65 -71.44	145.07 8.24 -62.59

CHESTROR_138KV_BK263 355645	131.89 5.09 -53.10	127.34 4.81 -50.75	120.90 4.60 -45.55	120.48 4.51 -45.42	129.42 4.60 -54.06	136.10 5.01 -57.47	152.39 5.00 -72.84	178.04 5.01 -99.41	152.74 5.22 -72.97	147.72 5.35 -68.13	141.93 5.66 -61.74	139.99 5.47 -61.65	136.40 5.31 -60.33	136.45 5.30 -60.54	137.64 5.53 -59.39	149.66 5.35 -71.95	159.90 5.60 -79.58	185.98 6.84 -92.54	176.26 6.43 -87.44	163.66 5.72 -83.62	156.38 5.56 -76.65	150.67 5.29 -73.96	145.92 5.35 -66.33	137.85 5.49 -58.11
CH_MIDHUDSON___DRP 24192	138.04 6.26 -58.07	133.24 5.96 -55.50	126.30 5.73 -49.81	125.86 5.64 -49.67	135.61 5.73 -59.13	142.66 6.18 -62.85	160.57 6.26 -79.75	188.60 6.26 -108.71	161.24 6.56 -80.12	155.62 6.76 -74.62	149.07 7.01 -67.53	147.22 6.78 -67.56	143.33 6.51 -66.06	143.40 6.50 -66.29	144.56 6.76 -65.07	157.70 6.66 -78.68	169.09 7.02 -87.35	196.62 8.49 -101.53	186.33 7.99 -95.95	173.23 7.14 -91.77	165.43 6.97 -84.30	158.90 6.57 -80.91	153.47 6.68 -72.54	144.56 6.76 -63.56
CH_MISC_IPPS 23765	137.49 6.78 -57.01	132.80 6.53 -54.49	125.89 6.23 -48.91	125.45 6.13 -48.77	135.03 6.23 -58.05	142.25 6.92 -61.71	159.64 6.78 -78.30	187.21 6.85 -106.74	160.45 7.23 -78.67	154.78 7.28 -73.26	148.35 7.52 -66.30	146.29 7.15 -66.27	142.37 6.79 -64.82	142.30 6.64 -65.05	143.60 7.05 -63.83	156.48 6.88 -77.25	168.25 7.77 -85.77	195.56 9.27 -99.69	185.33 8.73 -94.21	172.15 7.73 -90.10	164.58 7.64 -82.77	157.86 7.00 -79.43	152.75 7.28 -71.22	143.92 7.28 -62.40
CH_RES_BVR_FALLS 23983	72.67 -1.03 0.00	70.92 -0.86 0.00	69.98 -0.78 0.00	69.84 -0.71 0.00	69.98 -0.78 0.00	72.01 -1.62 0.00	72.77 -1.79 0.00	72.38 -1.25 0.00	73.22 -1.34 0.00	72.91 -1.33 0.00	73.20 -1.34 0.00	71.64 -1.24 0.00	69.55 -1.20 0.00	69.41 -1.20 0.00	71.27 -1.45 0.00	71.06 -1.30 0.00	72.85 -1.86 0.00	84.26 -2.33 0.00	80.09 -2.31 0.00	72.47 -1.86 0.00	72.32 -1.85 0.00	69.92 -1.50 0.00	72.39 -1.85 0.00	72.17 -2.08 0.00
CH_RES_NIAGARA 23895	77.04 -6.12 -9.45	74.86 -5.96 -9.04	73.06 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.90 -5.96 -10.23	80.69 -6.86 -12.99	82.64 -8.69 -17.70	78.68 -8.95 -13.07	76.09 -9.21 -11.05	73.69 -9.24 -8.41	71.43 -9.40 -7.95	69.68 -9.06 -7.98	69.98 -9.04 -8.40	74.53 -8.15 -9.95	77.21 -7.96 -12.81	81.50 -7.47 -14.25	94.50 -8.66 -16.56	89.97 -8.07 -15.65	81.49 -7.80 -14.97	80.66 -7.27 -13.76	76.24 -8.36 -13.17	78.56 -7.50 -11.81	78.65 -5.94 -10.35
CH_RES_SYRACUSE 23985	80.62 0.15 -6.76	78.17 -0.07 -6.46	76.49 -0.07 -5.80	76.05 -0.28 -5.79	77.50 -0.14 -6.89	81.10 0.15 -7.32	83.85 0.53 -8.77	86.58 0.30 -12.66	82.35 0.30 -7.49	82.58 0.22 -8.11	82.47 0.07 -7.87	80.19 -0.07 -7.39	78.06 -0.14 -7.44	77.79 -0.28 -7.46	79.83 0.00 -7.11	81.30 -0.22 -9.16	83.35 0.30 -8.33	97.19 0.61 -9.98	92.38 0.66 -9.33	83.47 0.30 -8.85	81.50 0.22 -7.11	80.64 -0.07 -9.29	82.84 0.15 -8.45	81.80 0.15 -7.40
CLINTON_WT_PWR 323605	70.83 -2.88 0.00	69.34 -2.44 0.00	68.35 -2.41 0.00	68.43 -2.11 0.00	68.35 -2.41 0.00	70.68 -2.95 0.00	71.05 -3.50 0.00	70.68 -2.95 0.00	71.20 -3.35 0.00	70.98 -3.27 0.00	71.18 -3.35 -0.01	70.03 -2.84 0.00	68.07 -2.69 0.00	68.14 -2.47 0.00	69.81 -2.91 0.00	69.82 -2.53 0.00	71.20 -3.51 0.00	81.92 -4.68 0.00	77.86 -4.53 0.00	70.91 -3.42 0.00	70.76 -3.41 0.00	68.64 -2.79 0.00	70.61 -3.64 0.00	70.83 -3.41 0.00
CLINTON___LFGE 323618	72.01 -1.69 0.00	70.49 -1.29 0.00	69.49 -1.27 0.00	69.49 -1.06 0.00	69.49 -1.27 0.00	71.86 -1.77 0.00	72.17 -2.39 0.00	71.86 -1.77 0.00	72.32 -2.23 0.00	72.09 -2.16 0.00	72.29 -2.23 0.00	71.06 -1.82 0.00	69.13 -1.62 0.00	69.20 -1.41 0.00	70.91 -1.82 0.00	70.91 -1.45 0.00	72.40 -2.32 0.00	83.13 -3.47 0.00	78.93 -3.46 0.00	72.17 -2.16 0.00	72.01 -2.15 0.00	69.71 -1.71 0.00	71.64 -2.60 0.00	72.09 -2.16 0.00
COBBLENY_34_KV_TB1 80064	79.46 -4.86 -10.62	77.05 -4.88 -10.15	75.12 -4.74 -9.11	74.19 -5.43 -9.08	76.69 -4.88 -10.81	80.26 -4.86 -11.49	84.16 -5.00 -14.60	86.88 -6.63 -19.88	82.41 -6.86 -14.72	79.83 -7.13 -12.72	77.58 -7.08 -10.13	75.22 -7.21 -9.56	73.43 -6.93 -9.61	73.52 -7.06 -9.98	77.64 -6.25 -11.17	80.74 -6.01 -14.39	85.38 -5.38 -16.04	99.17 -6.06 -18.63	94.32 -5.69 -17.61	85.52 -5.65 -16.85	84.41 -5.27 -15.51	79.73 -6.50 -14.80	81.79 -5.72 -13.26	81.41 -4.45 -11.62
COFFEEN___115KV_TB3 355620	77.66 0.81 -3.14	75.28 0.50 -3.00	73.80 0.35 -2.69	73.37 0.14 -2.69	74.38 0.42 -3.20	77.54 0.52 -3.40	79.97 1.34 -4.07	81.49 1.99 -5.88	80.05 2.01 -3.48	79.94 1.93 -3.77	80.22 2.09 -3.61	78.20 1.97 -3.36	76.07 1.91 -3.40	75.93 1.91 -3.41	77.83 1.89 -3.22	78.77 2.17 -4.24	80.81 2.24 -3.85	94.18 2.94 -4.64	89.61 2.88 -4.33	80.81 2.38 -4.11	79.55 2.08 -3.30	77.31 1.57 -4.31	79.28 1.11 -3.92	78.42 0.74 -3.44
COLDSPRG_115KV_BK1 355956	81.19 -3.69 -11.17	78.65 -3.80 -10.68	76.66 -3.68 -9.58	75.73 -4.37 -9.56	78.38 -3.75 -11.38	82.19 -3.53 -12.09	86.72 -3.21 -15.37	89.91 -4.64 -20.92	85.14 -4.92 -15.50	82.54 -5.20 -13.49	80.29 -5.14 -10.91	77.99 -5.17 -10.29	76.14 -4.95 -10.34	76.15 -5.15 -10.69	79.97 -4.51 -11.76	83.23 -4.27 -15.14	88.02 -3.59 -16.90	102.41 -3.81 -19.62	97.31 -3.63 -18.55	88.27 -3.79 -17.74	86.88 -3.63 -16.34	82.14 -4.86 -15.57	83.97 -4.23 -13.96	83.43 -3.04 -12.23
COLONIE_LFGE___ 323577	153.58 4.13 -75.75	148.12 3.95 -72.40	139.77 4.03 -64.98	139.29 3.95 -64.80	151.92 4.03 -77.13	159.66 4.05 -81.99	193.68 4.25 -114.87	219.49 4.05 -141.81	221.98 4.25 -143.17	188.09 4.30 -109.54	166.96 4.25 -88.19	157.91 4.08 -80.96	157.17 4.03 -82.38	157.14 3.95 -82.58	154.81 4.22 -77.87	179.19 4.20 -102.64	231.81 4.48 -152.61	262.90 5.20 -171.10	251.24 5.03 -163.82	237.15 4.46 -158.37	245.43 4.45 -166.81	184.00 4.21 -108.36	173.26 4.38 -94.63	161.38 4.23 -82.91
COOPERNY_115KV_TB1 80082	121.09 3.76 -43.62	117.06 3.59 -41.69	111.57 3.40 -37.42	111.10 3.24 -37.32	118.50 3.33 -44.41	124.52 3.68 -47.21	138.15 3.73 -59.86	158.97 3.68 -81.67	138.45 3.88 -60.02	134.16 3.93 -55.98	129.40 4.17 -50.70	126.92 4.08 -49.96	123.91 3.96 -49.19	123.85 3.88 -49.36	125.02 4.15 -48.15	135.45 3.98 -59.11	144.35 4.18 -65.46	167.81 5.11 -76.11	159.08 4.78 -71.91	147.33 4.24 -68.77	141.40 4.15 -63.08	136.05 3.86 -60.76	132.75 4.01 -54.49	126.15 4.16 -47.74
COPENHAGEN_WT_PWR 323753	77.02 0.07 -3.24	74.73 -0.14 -3.10	73.26 -0.28 -2.78	72.89 -0.42 -2.77	73.85 -0.21 -3.30	76.99 -0.15 -3.51	79.29 0.53 -4.20	80.80 1.11 -6.07	79.27 1.12 -3.59	79.25 1.12 -3.89	79.52 1.27 -3.73	77.50 1.16 -3.46	75.40 1.13 -3.51	75.26 1.13 -3.52	77.21 1.16 -3.32	77.96 1.23 -4.38	79.89 1.19 -3.98	93.02 1.64 -4.79	88.51 1.65 -4.47	79.83 1.26 -4.24	78.69 1.11 -3.41	76.52 0.64 -4.45	78.59 0.30 -4.05	77.79 0.00 -3.55
CORNELL_____ 23752	89.47 1.99 -13.77	86.59 1.65 -13.16	84.20 1.63 -11.82	83.66 1.34 -11.78	86.41 1.63 -14.02	90.52 1.99 -14.91	96.21 2.61 -19.04	101.77 2.36 -25.79	96.39 2.39 -19.45	94.16 2.15 -17.77	92.46 2.09 -15.84	89.52 1.75 -14.89	87.45 1.70 -15.00	87.30 1.62 -15.06	89.26 2.04 -14.50	93.20 2.17 -18.67	98.58 2.69 -21.18	114.68 3.55 -24.53	109.06 3.46 -23.21	99.36 2.82 -22.21	97.56 2.74 -20.65	92.65 2.00 -19.22	93.60 2.15 -17.21	91.55 2.23 -15.07

CORONA__69_KV_TB1 355595	145.84 8.11 -64.02	134.30 7.82 -54.69	127.04 7.22 -49.07	126.45 6.98 -48.93	136.21 7.22 -58.24	143.51 7.95 -61.93	160.91 7.90 -78.45	200.36 7.80 -118.93	181.46 8.13 -98.78	155.87 8.24 -73.38	151.15 8.87 -67.75	151.20 8.67 -69.66	151.33 8.35 -72.22	146.62 8.33 -67.67	151.35 8.73 -69.89	165.71 8.39 -84.96	189.47 8.59 -106.17	262.22 10.39 -165.23	221.25 9.89 -128.98	214.25 8.77 -131.16	189.16 8.75 -106.24	186.26 8.14 -106.69	154.32 8.61 -71.46	149.12 8.84 -66.04
CORTLAND__115KV_TB3 80093	86.28 1.25 -11.33	83.61 1.00 -10.82	81.53 1.06 -9.72	81.01 0.78 -9.69	83.28 0.99 -11.53	87.21 1.33 -12.26	91.94 1.79 -15.59	96.38 1.55 -21.20	91.89 1.57 -15.77	90.20 1.41 -14.54	88.91 1.34 -13.04	86.30 1.17 -12.26	84.17 1.06 -12.35	84.01 0.99 -12.41	86.04 1.38 -11.93	89.10 1.37 -15.37	93.70 1.79 -17.20	108.96 2.42 -19.94	103.55 2.31 -18.85	94.22 1.86 -18.04	92.59 1.78 -16.65	88.43 1.21 -15.79	89.73 1.34 -14.15	88.05 1.41 -12.40
COXSACKIE__GT 23611	150.18 6.26 -70.22	144.92 6.03 -67.11	137.08 6.09 -60.23	136.67 6.07 -60.06	148.48 6.23 -71.49	156.39 6.77 -76.00	181.29 7.09 -99.64	211.93 6.85 -131.45	189.46 6.56 -108.34	173.95 5.86 -93.84	161.59 5.37 -81.69	153.30 4.73 -75.69	151.97 4.53 -76.69	152.02 4.52 -76.88	150.17 4.58 -72.86	172.06 4.56 -95.14	197.93 6.13 -117.09	228.63 7.80 -134.23	217.20 7.33 -127.48	203.14 6.39 -122.43	199.11 6.15 -118.79	175.87 5.78 -98.66	168.05 6.09 -87.72	156.59 5.49 -76.85
CPV_VALLEY__CC1 323721	127.78 4.42 -49.65	123.46 4.23 -47.45	117.31 3.96 -42.59	116.89 3.88 -42.47	125.27 3.96 -50.55	131.78 4.42 -53.74	146.91 4.25 -68.10	170.84 4.27 -92.95	147.32 4.55 -68.21	142.62 4.68 -63.69	137.16 4.92 -57.72	135.03 4.73 -57.42	131.58 4.53 -56.29	131.55 4.45 -56.49	132.85 4.80 -55.32	144.27 4.63 -67.27	154.19 5.08 -74.40	179.08 5.97 -86.52	169.74 5.61 -81.74	157.47 4.98 -78.17	150.78 4.97 -71.64	145.08 4.50 -69.15	141.02 4.76 -62.02	133.48 4.90 -54.34
CPV_VALLEY__CC2 323722	127.78 4.42 -49.65	123.46 4.23 -47.45	117.31 3.96 -42.59	116.89 3.88 -42.47	125.27 3.96 -50.55	131.78 4.42 -53.74	146.91 4.25 -68.10	170.84 4.27 -92.95	147.32 4.55 -68.21	142.62 4.68 -63.69	137.16 4.92 -57.72	135.03 4.73 -57.42	131.58 4.53 -56.29	131.55 4.45 -56.49	132.85 4.80 -55.32	144.27 4.63 -67.27	154.19 5.08 -74.40	179.08 5.97 -86.52	169.74 5.61 -81.74	157.47 4.98 -78.17	150.78 4.97 -71.64	145.08 4.50 -69.15	141.02 4.76 -62.02	133.48 4.90 -54.34
CRESCENT__HYD 24018	153.58 4.13 -75.75	148.12 3.95 -72.40	139.77 4.03 -64.98	139.29 3.95 -64.80	151.92 4.03 -77.13	159.66 4.05 -81.99	193.68 4.25 -114.87	219.49 4.05 -141.81	221.98 4.25 -143.17	188.09 4.30 -109.54	166.96 4.25 -88.19	157.91 4.08 -80.96	157.17 4.03 -82.38	157.14 3.95 -82.58	154.81 4.22 -77.87	179.19 4.20 -102.64	231.81 4.48 -152.61	262.90 5.20 -171.10	251.24 5.03 -163.82	237.15 4.46 -158.37	245.43 4.45 -166.81	184.00 4.21 -108.36	173.26 4.38 -94.63	161.38 4.23 -82.91
CRICKET__VALLEY_CC1 323756	139.59 5.23 -60.65	134.77 5.02 -57.97	127.74 4.95 -52.03	127.29 4.86 -51.89	137.39 4.88 -61.76	144.58 5.30 -65.65	163.11 5.14 -83.41	192.26 5.08 -113.56	164.08 5.44 -84.08	157.95 5.64 -78.06	150.89 5.82 -70.55	149.11 5.76 -70.48	145.24 5.52 -68.96	145.32 5.51 -69.20	146.49 5.89 -67.88	160.34 5.79 -82.19	172.48 6.13 -91.64	200.15 7.10 -106.45	189.76 6.76 -100.61	176.59 6.02 -96.25	168.88 6.08 -88.63	161.61 5.64 -84.54	155.96 5.94 -75.77	146.43 5.79 -66.39
CRICKET__VALLEY_CC2 323757	139.59 5.23 -60.65	134.77 5.02 -57.97	127.74 4.95 -52.03	127.29 4.86 -51.89	137.39 4.88 -61.76	144.58 5.30 -65.65	163.11 5.14 -83.41	192.26 5.08 -113.56	164.08 5.44 -84.08	157.95 5.64 -78.06	150.89 5.82 -70.55	149.11 5.76 -70.48	145.24 5.52 -68.96	145.32 5.51 -69.20	146.49 5.89 -67.88	160.34 5.79 -82.19	172.48 6.13 -91.64	200.15 7.10 -106.45	189.76 6.76 -100.61	176.59 6.02 -96.25	168.88 6.08 -88.63	161.61 5.64 -84.54	155.96 5.94 -75.77	146.43 5.79 -66.39
CRICKET__VALLEY_CC3 323758	139.59 5.23 -60.65	134.77 5.02 -57.97	127.74 4.95 -52.03	127.29 4.86 -51.89	137.39 4.88 -61.76	144.58 5.30 -65.65	163.11 5.14 -83.41	192.26 5.08 -113.56	164.08 5.44 -84.08	157.95 5.64 -78.06	150.89 5.82 -70.55	149.11 5.76 -70.48	145.24 5.52 -68.96	145.32 5.51 -69.20	146.49 5.89 -67.88	160.34 5.79 -82.19	172.48 6.13 -91.64	200.15 7.10 -106.45	189.76 6.76 -100.61	176.59 6.02 -96.25	168.88 6.08 -88.63	161.61 5.64 -84.54	155.96 5.94 -75.77	146.43 5.79 -66.39
CRUCIBLE__METL_DRP 24180	80.62 0.15 -6.76	78.17 -0.07 -6.46	76.49 -0.07 -5.80	76.04 -0.28 -5.79	77.50 -0.14 -6.89	81.02 0.07 -7.32	83.85 0.52 -8.77	86.58 0.29 -12.66	82.42 0.37 -7.49	82.58 0.22 -8.11	82.55 0.15 -7.87	80.19 -0.07 -7.39	78.06 -0.14 -7.44	77.86 -0.21 -7.46	79.91 0.07 -7.11	81.59 0.07 -9.16	83.34 0.30 -8.33	97.27 0.69 -9.98	92.39 0.66 -9.33	83.54 0.37 -8.85	81.65 0.37 -7.11	80.72 0.00 -9.29	82.84 0.15 -8.45	81.80 0.15 -7.40
DAHOWA__HYDRO 323763	156.11 5.53 -76.87	150.57 5.31 -73.47	142.01 5.31 -65.95	141.45 5.15 -65.76	154.34 5.31 -78.27	161.55 4.72 -83.21	198.29 5.22 -118.51	222.63 5.08 -143.92	231.88 5.14 -152.19	192.69 5.12 -113.33	169.17 5.14 -89.50	159.62 4.81 -81.94	158.91 4.67 -83.49	158.95 4.66 -83.68	156.55 5.01 -78.81	181.51 4.99 -104.17	242.01 5.53 -161.77	273.71 6.58 -180.53	261.72 6.18 -173.14	247.43 5.50 -167.61	259.08 5.49 -179.42	186.89 5.00 -110.47	175.33 5.05 -96.04	164.10 5.72 -84.14
DANC__LFGE 323619	76.92 -0.59 -3.80	74.70 -0.72 -3.63	73.24 -0.78 -3.26	72.81 -0.99 -3.25	73.92 -0.71 -3.87	76.94 -0.81 -4.12	79.19 -0.30 -4.93	80.75 0.00 -7.12	78.84 0.07 -4.21	78.81 0.00 -4.56	79.15 0.22 -4.40	77.01 0.07 -4.06	74.88 0.00 -4.12	74.74 0.00 -4.13	76.62 0.00 -3.90	77.42 -0.07 -5.14	79.39 0.00 -4.67	92.47 0.26 -5.61	87.97 0.33 -5.25	79.37 0.07 -4.98	78.17 0.00 -4.00	76.44 -0.21 -5.22	78.63 -0.37 -4.75	77.81 -0.60 -4.16
DANSKAMMER__1 23586	137.49 6.78 -57.01	132.80 6.53 -54.49	125.89 6.23 -48.91	125.45 6.13 -48.77	135.03 6.23 -58.05	142.25 6.92 -61.71	159.64 6.78 -78.30	187.21 6.85 -106.74	160.45 7.23 -78.67	154.78 7.28 -73.26	148.35 7.52 -66.30	146.29 7.15 -66.27	142.37 6.79 -64.82	142.30 6.64 -65.05	143.60 7.05 -63.83	156.48 6.88 -77.25	168.25 7.77 -85.77	195.56 9.27 -99.69	185.33 8.73 -94.21	172.15 7.73 -90.10	164.58 7.64 -82.77	157.86 7.00 -79.43	152.75 7.28 -71.22	143.92 7.28 -62.40
DANSKAMMER__2 23589	137.49 6.78 -57.01	132.80 6.53 -54.49	125.89 6.23 -48.91	125.45 6.13 -48.77	135.03 6.23 -58.05	142.25 6.92 -61.71	159.64 6.78 -78.30	187.21 6.85 -106.74	160.45 7.23 -78.67	154.78 7.28 -73.26	148.35 7.52 -66.30	146.29 7.15 -66.27	142.37 6.79 -64.82	142.30 6.64 -65.05	143.60 7.05 -63.83	156.48 6.88 -77.25	168.25 7.77 -85.77	195.56 9.27 -99.69	185.33 8.73 -94.21	172.15 7.73 -90.10	164.58 7.64 -82.77	157.86 7.00 -79.43	152.75 7.28 -71.22	143.92 7.28 -62.40
DANSKAMMER__3 23590	137.49 6.78 -57.01	132.80 6.53 -54.49	125.89 6.23 -48.91	125.45 6.13 -48.77	135.03 6.23 -58.05	142.25 6.92 -61.71	159.64 6.78 -78.30	187.21 6.85 -106.74	160.45 7.23 -78.67	154.78 7.28 -73.26	148.35 7.52 -66.30	146.29 7.15 -66.27	142.37 6.79 -64.82	142.30 6.64 -65.05	143.60 7.05 -63.83	156.48 6.88 -77.25	168.25 7.77 -85.77	195.56 9.27 -99.69	185.33 8.73 -94.21	172.15 7.73 -90.10	164.58 7.64 -82.77	157.86 7.00 -79.43	152.75 7.28 -71.22	143.92 7.28 -62.40

DANSKAMMER___4 23591	137.49 6.78 -57.01	132.80 6.53 -54.49	125.89 6.23 -48.91	125.45 6.13 -48.77	135.03 6.23 -58.05	142.25 6.92 -61.71	159.64 6.78 -78.30	187.21 6.85 -106.74	160.45 7.23 -78.67	154.78 7.28 -73.26	148.35 7.52 -66.30	146.29 7.15 -66.27	142.37 6.79 -64.82	142.30 6.64 -65.05	143.60 7.05 -63.83	156.48 6.88 -77.25	168.25 7.77 -85.77	195.56 9.27 -99.69	185.33 8.73 -94.21	172.15 7.73 -90.10	164.58 7.64 -82.77	157.86 7.00 -79.43	152.75 7.28 -71.22	143.92 7.28 -62.40
DANSKAMMER___DIESEL 23592	137.43 6.71 -57.01	132.66 6.39 -54.49	125.82 6.16 -48.91	125.38 6.07 -48.77	134.96 6.16 -58.05	142.04 6.70 -61.71	159.64 6.78 -78.30	187.14 6.77 -106.74	160.38 7.16 -78.67	154.78 7.28 -73.26	148.28 7.45 -66.30	146.28 7.14 -66.27	142.44 6.86 -64.82	142.44 6.78 -65.05	143.68 7.13 -63.83	156.55 6.95 -77.25	168.03 7.55 -85.77	195.46 9.18 -99.69	185.25 8.65 -94.21	172.08 7.66 -90.10	164.43 7.49 -82.77	157.93 7.07 -79.43	152.60 7.13 -71.22	143.77 7.13 -62.40
DARBY___SOLAR 323810	155.65 5.23 -76.71	150.12 5.02 -73.32	141.51 4.95 -65.81	141.03 4.86 -65.62	153.89 5.02 -78.11	161.22 4.57 -83.03	197.58 5.00 -118.03	222.03 4.78 -143.62	230.52 4.92 -151.05	191.98 4.90 -112.83	168.68 4.84 -89.31	159.25 4.59 -81.78	158.54 4.46 -83.32	158.58 4.45 -83.52	156.19 4.80 -78.66	181.15 4.85 -103.95	240.62 5.31 -160.61	272.25 6.32 -179.33	260.29 5.94 -171.96	246.04 5.28 -166.44	257.27 5.27 -177.84	186.39 4.79 -110.18	174.90 4.82 -95.83	163.62 5.42 -83.96
DASHVILLE___HYD 23610	140.59 7.96 -58.92	135.63 7.54 -56.31	128.59 7.29 -50.54	128.14 7.20 -50.40	138.11 7.36 -59.99	145.57 8.17 -63.77	164.50 8.20 -81.75	192.33 8.39 -110.31	167.46 8.65 -84.25	159.35 8.46 -76.64	151.62 8.57 -68.52	147.68 7.94 -66.86	144.53 7.64 -66.13	144.44 7.48 -66.34	145.05 7.93 -64.39	160.08 7.89 -79.84	175.34 9.04 -91.59	203.92 11.34 -105.98	193.33 10.63 -100.31	179.83 9.44 -96.07	173.02 8.97 -89.88	162.16 8.43 -82.31	156.17 8.32 -73.61	146.90 8.17 -64.49
DEERFIELD_69_KV_DEERFIELD LD 355887	148.79 11.06 -64.03	137.10 10.62 -54.70	129.45 9.62 -49.07	128.85 9.38 -48.93	138.83 9.84 -58.24	146.46 10.90 -61.94	221.87 10.36 -136.95	224.17 10.09 -140.45	188.41 10.81 -103.04	157.42 9.80 -73.38	152.34 10.06 -67.75	152.29 9.77 -69.65	152.10 9.13 -72.22	147.18 8.90 -67.67	152.14 9.53 -69.89	162.08 9.33 -80.39	190.89 10.01 -106.16	263.08 11.26 -165.23	222.08 10.71 -128.98	215.89 10.41 -131.16	190.56 10.16 -106.23	187.26 9.14 -106.69	155.57 9.87 -71.45	151.26 10.99 -66.03
DELAWARE___LFGE 323621	103.13 3.32 -26.10	99.82 3.09 -24.95	96.12 2.97 -22.39	95.62 2.75 -22.33	100.24 2.90 -26.58	105.12 3.24 -28.25	115.77 3.50 -37.71	125.89 3.39 -48.87	120.71 3.50 -42.64	113.28 3.49 -35.54	108.26 3.58 -30.16	104.66 3.43 -28.36	102.62 3.33 -28.54	102.50 3.25 -28.65	103.70 3.49 -27.49	111.28 3.55 -35.38	124.42 3.81 -45.90	143.54 4.68 -52.27	136.60 4.45 -49.76	126.07 3.86 -47.88	125.59 3.78 -47.64	111.64 3.36 -36.85	110.35 3.49 -32.61	106.38 3.56 -28.57
DERFIELD_115KV_TB7 355931	74.44 0.74 0.00	72.42 0.65 0.00	71.39 0.64 0.00	71.18 0.63 0.00	71.39 0.64 0.00	74.44 0.81 0.00	75.38 0.82 0.00	74.36 0.74 0.00	75.38 0.82 0.00	75.06 0.82 0.00	75.42 0.89 0.00	73.68 0.80 0.00	71.53 0.78 0.00	71.32 0.71 0.00	73.53 0.80 0.00	73.15 0.80 0.00	75.61 0.90 0.00	87.64 1.04 0.00	83.38 0.99 0.00	75.14 0.82 0.00	75.06 0.89 0.00	72.21 0.79 0.00	75.14 0.89 0.00	75.06 0.82 0.00
DOGLEVILLE___HYD 23807	75.99 2.29 0.00	73.93 2.15 0.00	72.88 2.12 0.00	72.59 2.05 0.00	72.88 2.12 0.00	75.98 2.36 0.00	76.94 2.39 0.00	75.91 2.28 0.00	77.01 2.46 0.00	76.77 2.53 0.00	77.13 2.61 0.00	75.28 2.40 0.00	73.16 2.41 0.00	72.87 2.26 0.00	75.12 2.40 0.00	74.67 2.31 0.00	77.18 2.46 0.00	89.45 2.85 0.00	85.19 2.80 0.00	76.77 2.45 0.00	76.54 2.37 0.00	73.71 2.29 0.00	76.69 2.45 0.00	76.69 2.45 0.00
DUNKIRK___115KV_TB_200 55889	79.90 -4.20 -10.40	77.41 -4.31 -9.94	75.50 -4.17 -8.92	74.64 -4.80 -8.90	77.17 -4.17 -10.59	80.76 -4.12 -11.25	84.75 -4.10 -14.30	87.50 -5.60 -19.47	83.07 -5.89 -14.41	80.49 -6.16 -12.40	78.15 -6.19 -9.81	75.80 -6.34 -9.26	73.97 -6.09 -9.30	74.08 -6.21 -9.68	78.21 -5.45 -10.94	81.31 -5.14 -14.10	85.94 -4.48 -15.71	99.90 -4.94 -18.24	94.94 -4.70 -17.24	86.06 -4.76 -16.49	84.90 -4.45 -15.18	80.20 -5.71 -14.49	82.34 -4.90 -12.99	81.91 -3.71 -11.38
DUNKIRK___1 23563	79.90 -4.20 -10.40	77.41 -4.31 -9.94	75.50 -4.17 -8.92	74.64 -4.80 -8.90	77.17 -4.17 -10.59	80.76 -4.12 -11.25	84.75 -4.10 -14.30	87.50 -5.60 -19.47	83.07 -5.89 -14.41	80.49 -6.16 -12.40	78.15 -6.19 -9.81	75.80 -6.34 -9.26	73.97 -6.09 -9.30	74.08 -6.21 -9.68	78.21 -5.45 -10.94	81.31 -5.14 -14.10	85.94 -4.48 -15.71	99.90 -4.94 -18.24	94.94 -4.70 -17.24	86.06 -4.76 -16.49	84.90 -4.45 -15.18	80.20 -5.71 -14.49	82.34 -4.90 -12.99	81.91 -3.71 -11.38
DUNKIRK___2 23564	79.90 -4.20 -10.40	77.41 -4.31 -9.94	75.50 -4.17 -8.92	74.64 -4.80 -8.90	77.17 -4.17 -10.59	80.76 -4.12 -11.25	84.75 -4.10 -14.30	87.50 -5.60 -19.47	83.07 -5.89 -14.41	80.49 -6.16 -12.40	78.15 -6.19 -9.81	75.80 -6.34 -9.26	73.97 -6.09 -9.30	74.08 -6.21 -9.68	78.21 -5.45 -10.94	81.31 -5.14 -14.10	85.94 -4.48 -15.71	99.90 -4.94 -18.24	94.94 -4.70 -17.24	86.06 -4.76 -16.49	84.90 -4.45 -15.18	80.20 -5.71 -14.49	82.34 -4.90 -12.99	81.91 -3.71 -11.38
DUNKIRK___3 23565	79.48 -4.50 -10.27	77.00 -4.59 -9.82	75.11 -4.46 -8.81	74.25 -5.08 -8.79	76.69 -4.53 -10.46	80.26 -4.49 -11.12	84.21 -4.47 -14.13	86.82 -6.04 -19.23	82.45 -6.34 -14.23	79.86 -6.61 -12.23	77.52 -6.63 -9.63	75.26 -6.70 -9.09	73.38 -6.51 -9.13	73.56 -6.57 -9.51	77.72 -5.82 -10.81	80.71 -5.57 -13.93	85.37 -4.86 -15.51	99.16 -5.46 -18.02	94.31 -5.11 -17.03	85.49 -5.13 -16.29	84.34 -4.82 -15.00	79.67 -6.07 -14.32	81.81 -5.27 -12.84	81.41 -4.08 -11.24
DUNKIRK___4 23566	79.48 -4.50 -10.27	77.00 -4.59 -9.82	75.11 -4.46 -8.81	74.25 -5.08 -8.79	76.69 -4.53 -10.46	80.26 -4.49 -11.12	84.21 -4.47 -14.13	86.82 -6.04 -19.23	82.45 -6.34 -14.23	79.86 -6.61 -12.23	77.52 -6.63 -9.63	75.26 -6.70 -9.09	73.38 -6.51 -9.13	73.56 -6.57 -9.51	77.72 -5.82 -10.81	80.71 -5.57 -13.93	85.37 -4.86 -15.51	99.16 -5.46 -18.02	94.31 -5.11 -17.03	85.49 -5.13 -16.29	84.34 -4.82 -15.00	79.67 -6.07 -14.32	81.81 -5.27 -12.84	81.41 -4.08 -11.24
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	137.45 6.56 -57.19	132.68 6.24 -54.66	125.76 5.94 -49.06	125.24 5.78 -48.92	134.86 5.87 -58.23	141.85 6.33 -61.90	159.33 6.34 -78.43	187.09 6.41 -107.06	159.87 6.78 -78.53	154.74 7.13 -73.36	148.56 7.53 -66.50	146.94 7.36 -66.70	143.05 7.15 -65.15	143.12 7.13 -65.38	144.47 7.49 -64.25	157.01 7.16 -77.49	167.62 7.25 -85.66	194.87 8.66 -99.62	184.67 8.16 -94.12	171.61 7.28 -90.00	163.83 7.19 -82.47	157.86 6.79 -79.65	152.66 6.98 -71.44	144.18 7.35 -62.59
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	135.05 6.12 -55.23	130.38 5.81 -52.78	123.65 5.52 -47.37	123.21 5.43 -47.24	132.51 5.52 -56.23	139.44 6.04 -59.77	156.45 6.04 -75.85	183.13 6.11 -103.39	157.13 6.34 -76.23	151.68 6.46 -70.97	145.45 6.71 -64.22	143.35 6.41 -64.06	139.70 6.23 -62.72	139.69 6.14 -62.94	140.90 6.47 -61.70	153.48 6.30 -74.83	164.55 6.72 -83.12	191.42 8.23 -96.60	181.43 7.74 -91.29	168.55 6.91 -87.31	161.07 6.68 -80.23	154.66 6.29 -76.95	149.62 6.39 -68.99	141.15 6.46 -60.44

E179THST_138_KV_TB4_REV_LBMP_J 345001	138.20 7.30 -57.20	133.41 6.96 -54.67	126.40 6.58 -49.07	125.89 6.42 -48.93	135.50 6.51 -58.24	142.68 7.14 -61.91	159.85 6.86 -78.44	187.10 6.41 -107.07	159.88 6.78 -78.54	155.04 7.42 -73.37	149.24 8.20 -66.52	147.61 8.02 -66.72	143.63 7.71 -65.16	143.63 7.63 -65.39	145.13 8.15 -64.26	157.60 7.74 -77.50	167.77 7.40 -85.66	194.97 8.75 -99.62	184.84 8.32 -94.12	171.69 7.36 -90.01	164.13 7.49 -82.48	158.52 7.43 -79.66	153.49 7.80 -71.45	144.86 8.02 -62.60
E179THST_13_KV_LOAD 356214	138.57 7.67 -57.20	133.77 7.32 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.97 7.44 -61.91	160.23 7.23 -78.44	187.47 6.77 -107.07	160.25 7.16 -78.54	155.41 7.80 -73.37	149.61 8.57 -66.52	147.97 8.38 -66.72	143.98 8.07 -65.16	143.98 7.98 -65.39	145.50 8.51 -64.26	157.96 8.10 -77.50	168.22 7.84 -85.66	195.57 9.35 -99.62	185.33 8.82 -94.12	172.13 7.80 -90.01	164.58 7.94 -82.48	158.87 7.79 -79.66	153.86 8.17 -71.45	145.24 8.39 -62.60
EAST HAMPTON___GT 23717	148.57 10.84 -64.03	136.88 10.40 -54.70	129.16 9.34 -49.07	128.64 9.17 -48.93	138.69 9.69 -58.24	146.24 10.67 -61.94	221.51 9.99 -136.96	223.43 9.35 -140.45	188.34 9.58 -103.04	157.20 9.39 -73.38	151.67 9.03 -67.75	151.56 8.20 -69.65	151.18 7.91 -72.22	146.19 8.72 -67.67	151.34 8.46 -69.89	161.21 10.01 -80.39	190.89 9.95 -106.16	261.78 9.95 -165.23	220.84 9.47 -128.98	215.45 9.96 -131.16	190.34 9.94 -106.23	186.83 8.71 -106.69	154.61 8.91 -71.45	151.04 10.76 -66.03
EAST RIVER___6 23660	137.97 7.08 -57.18	133.18 6.75 -54.65	126.18 6.37 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.26 6.56 -78.14	185.33 6.85 -104.85	160.52 7.53 -78.44	155.40 7.79 -73.36	149.30 8.27 -66.50	147.67 8.09 -66.70	143.62 7.71 -65.15	143.62 7.63 -65.38	145.19 8.22 -64.25	157.64 7.82 -77.47	167.74 8.22 -84.81	192.69 9.44 -96.65	183.16 8.82 -91.95	171.12 7.96 -88.84	164.01 7.94 -81.91	158.28 7.29 -79.57	153.40 7.72 -71.44	144.93 8.09 -62.59
EAST RIVER___7 23524	137.97 7.08 -57.18	133.18 6.75 -54.65	126.18 6.37 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.26 6.56 -78.14	185.33 6.85 -104.85	160.52 7.53 -78.44	155.40 7.79 -73.36	149.30 8.27 -66.50	147.67 8.09 -66.70	143.62 7.71 -65.15	143.62 7.63 -65.38	145.19 8.22 -64.25	157.64 7.82 -77.47	167.74 8.22 -84.81	192.69 9.44 -96.65	183.16 8.82 -91.95	171.12 7.96 -88.84	164.01 7.94 -81.91	158.28 7.29 -79.57	153.40 7.72 -71.44	144.93 8.09 -62.59
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	137.12 6.34 -57.07	132.36 6.03 -54.55	125.45 5.73 -48.96	124.94 5.57 -48.82	134.53 5.66 -58.11	141.51 6.11 -61.77	159.02 6.19 -78.28	186.66 6.18 -106.85	159.42 6.49 -78.38	154.30 6.83 -73.22	148.13 7.23 -66.37	146.51 7.07 -66.57	142.64 6.86 -65.02	142.71 7.13 -65.25	143.97 6.87 -64.12	156.57 6.87 -77.34	167.23 7.02 -85.49	194.33 8.31 -99.42	184.24 7.91 -93.94	171.14 6.99 -89.83	163.37 6.90 -82.31	157.49 6.57 -79.49	152.30 6.76 -71.30	143.76 7.05 -62.47
EAST_HAMPTON___DIESEL 23722	148.42 10.68 -64.03	136.74 10.26 -54.70	129.02 9.19 -49.07	128.57 9.10 -48.93	138.54 9.55 -58.24	146.09 10.53 -61.94	221.35 9.84 -136.96	223.36 9.28 -140.45	188.26 10.66 -103.04	157.05 9.43 -73.38	151.51 9.24 -67.75	151.34 8.81 -69.65	151.04 8.06 -72.22	146.05 7.77 -67.67	151.19 8.58 -69.89	161.06 8.32 -80.39	190.66 9.78 -106.16	261.61 9.78 -165.23	220.67 9.31 -128.98	215.29 9.81 -131.16	190.11 9.71 -106.23	186.61 8.50 -106.69	154.38 8.68 -71.45	150.89 10.62 -66.03
EAST_POINT___SOLAR 323840	164.37 6.64 -84.03	158.33 6.24 -80.31	148.99 6.15 -72.08	148.35 5.93 -71.88	162.54 6.23 -85.56	171.50 6.92 -90.95	209.79 7.68 -127.55	238.38 7.43 -157.32	240.74 6.93 -159.25	201.58 5.72 -121.61	177.88 5.59 -97.76	166.68 4.30 -89.51	165.77 3.82 -91.20	166.05 4.02 -91.42	163.61 4.72 -86.16	192.22 6.00 -113.86	251.83 7.40 -169.72	286.28 9.44 -190.24	273.45 8.90 -182.16	258.39 7.96 -176.11	267.79 7.94 -185.68	198.87 7.21 -120.23	186.28 7.06 -104.98	173.19 6.98 -91.97
EAST_PULASKI___ESR 323781	76.73 -1.25 -4.27	74.43 -1.44 -4.09	73.01 -1.41 -3.67	72.65 -1.55 -3.66	73.69 -1.41 -4.35	76.78 -1.47 -4.63	78.98 -1.12 -5.54	80.53 -1.10 -8.00	78.25 -1.04 -4.73	78.26 -1.11 -5.13	78.52 -0.97 -4.96	76.27 -1.17 -4.57	74.19 -1.20 -4.64	73.92 -1.34 -4.65	75.87 -1.24 -4.38	76.69 -1.45 -5.78	78.70 -1.27 -5.25	91.70 -1.21 -6.31	87.22 -1.07 -5.90	78.65 -1.26 -5.59	77.47 -1.19 -4.49	76.01 -1.28 -5.87	78.39 -1.19 -5.34	77.59 -1.33 -4.68
EAST_RIVER___1 323558	138.04 7.15 -57.18	133.26 6.82 -54.65	126.25 6.44 -49.05	125.73 6.28 -48.92	135.35 6.37 -58.22	142.52 7.00 -61.89	159.33 6.63 -78.14	185.33 6.85 -104.85	160.45 7.45 -78.44	155.33 7.72 -73.36	149.15 8.12 -66.50	147.52 7.94 -66.70	143.48 7.57 -65.15	143.47 7.48 -65.38	145.05 8.07 -64.25	157.49 7.67 -77.47	167.59 8.07 -84.81	192.69 9.44 -96.65	183.16 8.82 -91.95	171.04 7.87 -88.84	163.93 7.86 -81.91	158.20 7.21 -79.57	153.40 7.72 -71.44	144.93 8.09 -62.59
EAST_RIVER___2 323559	137.97 7.08 -57.18	133.18 6.75 -54.65	126.18 6.37 -49.05	125.67 6.21 -48.92	135.21 6.23 -58.22	142.44 6.92 -61.89	159.26 6.56 -78.14	185.33 6.85 -104.85	160.52 7.53 -78.44	155.40 7.79 -73.36	149.30 8.27 -66.50	147.67 8.09 -66.70	143.62 7.71 -65.15	143.62 7.63 -65.38	145.19 8.22 -64.25	157.64 7.82 -77.47	167.74 8.22 -84.81	192.69 9.44 -96.65	183.16 8.82 -91.95	171.12 7.96 -88.84	164.01 7.94 -81.91	158.28 7.29 -79.57	153.40 7.72 -71.44	144.93 8.09 -62.59
EAST___DELAWARE_HYD 23607	132.64 6.71 -52.23	128.08 6.39 -49.92	121.71 6.15 -44.80	121.28 6.07 -44.68	130.08 6.15 -53.18	137.07 6.92 -56.53	153.35 6.85 -71.93	178.40 7.00 -97.77	154.45 7.09 -72.81	148.49 6.91 -67.34	142.25 7.00 -60.72	139.32 6.48 -59.96	135.89 6.15 -58.98	135.72 5.93 -59.18	136.89 6.40 -57.76	149.49 6.37 -70.77	161.57 7.54 -79.32	188.02 9.36 -92.07	178.17 8.73 -87.04	165.34 7.73 -83.29	158.66 7.57 -76.92	151.25 7.00 -72.82	146.62 7.13 -65.24	138.38 6.98 -57.16
EIGHT_POINT___WT_PWR 323820	82.55 -3.98 -12.82	79.94 -4.09 -12.25	77.86 -3.89 -11.00	76.99 -4.52 -10.97	79.92 -3.89 -13.05	83.90 -3.61 -13.88	89.30 -2.91 -17.65	93.73 -3.90 -24.00	88.14 -4.25 -17.83	85.58 -4.68 -16.01	83.02 -5.22 -13.71	80.39 -5.39 -12.91	78.36 -5.38 -12.99	78.38 -5.44 -13.21	81.27 -4.95 -13.49	84.46 -5.28 -17.38	90.34 -3.81 -19.43	105.17 -3.98 -22.56	100.01 -3.71 -21.33	90.86 -3.87 -20.40	88.98 -4.01 -18.82	84.52 -4.78 -17.87	85.95 -4.31 -16.02	84.49 -3.78 -14.03
ELBRIDGE_115KV_TB2 80188	81.05 0.00 -7.34	78.58 -0.22 -7.02	76.84 -0.21 -6.30	76.40 -0.42 -6.28	78.02 -0.21 -7.47	81.57 0.00 -7.95	84.45 0.37 -9.52	87.52 0.15 -13.74	82.84 0.15 -8.13	83.05 0.00 -8.81	83.00 -0.07 -8.54	80.68 -0.22 -8.02	78.55 -0.28 -8.07	78.28 -0.42 -8.09	80.37 -0.07 -7.71	82.23 -0.07 -9.94	83.98 0.22 -9.04	97.95 0.52 -10.84	93.10 0.58 -10.13	84.15 0.22 -9.60	82.18 0.30 -7.72	81.37 -0.14 -10.08	83.42 0.00 -9.17	82.35 0.07 -8.03
ELEC_TRO_TEK 24086	145.39 7.67 -64.02	133.93 7.46 -54.69	126.62 6.79 -49.07	126.10 6.63 -48.93	135.86 6.86 -58.24	143.14 7.58 -61.93	160.39 7.38 -78.45	199.91 7.36 -118.92	181.09 7.75 -98.78	155.42 7.80 -73.38	150.70 8.42 -67.75	150.76 8.23 -69.65	150.90 7.92 -72.22	146.19 7.91 -67.67	150.83 8.22 -69.89	162.67 7.96 -82.36	188.95 8.07 -106.17	261.52 9.70 -165.23	220.51 9.15 -128.98	213.66 8.18 -131.16	188.49 8.08 -106.23	185.69 7.57 -106.69	153.79 8.09 -71.46	148.67 8.39 -66.03

ELLENBURG_WT_PWR 323604	70.83 -2.88 0.00	69.34 -2.44 0.00	68.35 -2.41 0.00	68.43 -2.11 0.00	68.35 -2.41 0.00	70.68 -2.95 0.00	71.05 -3.50 0.00	70.68 -2.95 0.00	71.20 -3.35 0.00	70.98 -3.27 0.00	71.18 -3.35 -0.01	70.03 -2.84 0.00	68.07 -2.69 0.00	68.14 -2.47 0.00	69.81 -2.91 0.00	69.82 -2.53 0.00	71.20 -3.51 0.00	81.92 -4.68 0.00	77.86 -4.53 0.00	70.91 -3.42 0.00	70.76 -3.41 0.00	68.64 -2.79 0.00	70.61 -3.64 0.00	70.83 -3.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	78.67 -5.01 -9.98	76.29 -5.02 -9.54	74.44 -4.88 -8.56	73.58 -5.50 -8.54	75.97 -4.95 -10.16	79.42 -5.01 -10.80	82.98 -5.29 -13.72	85.39 -6.92 -18.69	81.22 -7.16 -13.82	78.61 -7.42 -11.79	76.23 -7.45 -9.16	73.95 -7.58 -8.65	72.16 -7.29 -8.69	72.29 -7.41 -9.09	76.68 -6.55 -10.50	79.52 -6.37 -13.53	84.02 -5.75 -15.06	97.60 -6.49 -17.50	92.83 -6.10 -16.54	84.12 -6.02 -15.82	83.08 -5.64 -14.55	78.55 -6.79 -13.91	80.70 -6.01 -12.47	80.42 -4.75 -10.92
EMPIRE_CC_1 323656	149.85 3.32 -72.83	144.62 3.23 -69.61	136.49 3.26 -62.47	136.09 3.25 -62.30	148.16 3.26 -74.15	155.84 3.39 -78.82	180.02 3.20 -102.26	212.99 3.02 -136.34	186.31 3.28 -108.47	173.72 3.34 -96.13	162.59 3.28 -84.79	154.06 3.35 -77.83	153.29 3.33 -79.20	153.32 3.32 -79.39	151.08 3.49 -74.86	174.30 3.26 -98.68	195.63 3.37 -117.55	225.64 3.72 -135.33	214.34 3.62 -128.32	200.67 3.27 -123.08	194.83 3.19 -117.47	176.69 3.22 -102.05	168.64 3.42 -90.98	157.07 3.12 -79.71
EMPIRE_CC_2 323658	149.85 3.32 -72.83	144.62 3.23 -69.61	136.49 3.26 -62.47	136.09 3.25 -62.30	148.16 3.26 -74.15	155.84 3.39 -78.82	180.02 3.20 -102.26	212.99 3.02 -136.34	186.31 3.28 -108.47	173.72 3.34 -96.13	162.59 3.28 -84.79	154.06 3.35 -77.83	153.29 3.33 -79.20	153.32 3.32 -79.39	151.08 3.49 -74.86	174.30 3.26 -98.68	195.63 3.37 -117.55	225.64 3.72 -135.33	214.34 3.62 -128.32	200.67 3.27 -123.08	194.83 3.19 -117.47	176.69 3.22 -102.05	168.64 3.42 -90.98	157.07 3.12 -79.71
ENORWICH_115KV_TB1 80156	99.10 6.49 -18.91	95.74 5.89 -18.07	92.64 5.66 -16.22	91.87 5.15 -16.18	95.67 5.66 -19.26	100.43 6.33 -20.47	108.60 7.46 -26.59	116.39 7.36 -35.40	110.16 7.31 -28.30	105.95 6.83 -24.88	103.11 6.86 -21.72	99.78 6.49 -20.42	97.47 6.16 -20.56	97.34 6.07 -20.65	99.18 6.55 -19.91	104.79 6.80 -25.63	113.07 7.70 -30.66	131.57 9.70 -35.27	125.40 9.56 -33.45	114.52 8.10 -32.09	112.58 7.71 -30.70	104.51 6.57 -26.51	104.63 6.76 -23.62	101.77 6.83 -20.70
ERIE_ST__34_KV_TB1-2 80199	78.78 -5.31 -10.38	76.39 -5.31 -9.93	74.50 -5.17 -8.91	73.57 -5.85 -8.88	76.02 -5.31 -10.57	79.49 -5.37 -11.24	83.47 -5.37 -14.28	86.15 -6.92 -19.44	81.79 -7.16 -14.39	79.22 -7.42 -12.40	76.97 -7.38 -9.82	74.78 -7.36 -9.27	72.92 -7.15 -9.31	73.02 -7.27 -9.69	77.11 -6.55 -10.93	80.14 -6.30 -14.08	84.72 -5.68 -15.69	98.40 -6.41 -18.22	93.59 -6.01 -17.22	84.85 -5.95 -16.47	83.69 -5.64 -15.16	79.11 -6.79 -14.47	81.13 -6.09 -12.97	80.71 -4.90 -11.37
ERIE_WT_PWR 323693	79.06 -4.87 -10.23	76.53 -5.03 -9.77	74.79 -4.74 -8.77	73.86 -5.43 -8.75	76.29 -4.88 -10.41	79.83 -4.86 -11.07	83.54 -5.07 -14.06	86.07 -6.70 -19.14	81.63 -7.08 -14.16	79.21 -7.20 -12.17	76.66 -7.45 -9.59	74.49 -7.43 -9.05	72.77 -7.08 -9.09	72.88 -7.20 -9.47	76.87 -6.62 -10.76	78.84 -7.38 -13.86	84.47 -5.68 -15.44	97.94 -6.58 -17.93	93.41 -5.93 -16.95	84.66 -5.87 -16.21	83.01 -6.08 -14.92	78.75 -6.93 -14.25	81.23 -5.79 -12.77	80.90 -4.53 -11.19
ESPRGFLD_115KV_TB1 80157	77.69 3.98 0.00	75.44 3.66 0.00	74.22 3.47 0.00	73.79 3.24 0.00	74.29 3.54 0.00	77.68 4.05 0.00	92.81 4.55 -13.71	78.12 4.49 0.00	127.83 4.40 -48.88	93.58 4.01 -15.32	78.43 4.02 0.12	76.48 3.72 0.11	74.11 3.47 0.12	73.97 3.46 0.10	76.65 3.93 0.00	76.70 4.34 0.00	128.52 4.93 -48.88	141.71 6.23 -48.88	137.20 5.93 -48.88	128.33 5.13 -48.88	151.09 5.04 -71.88	79.49 4.50 -3.56	78.63 4.38 0.00	78.63 4.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	89.32 1.84 -13.77	86.45 1.51 -13.16	84.13 1.56 -11.82	83.52 1.20 -11.78	86.27 1.49 -14.02	90.38 1.84 -14.91	96.06 2.46 -19.04	101.62 2.21 -25.79	96.17 2.16 -19.45	93.94 1.93 -17.77	92.23 1.86 -15.84	89.37 1.60 -14.89	87.31 1.56 -15.00	87.16 1.48 -15.06	89.12 1.89 -14.50	92.98 1.95 -18.67	98.43 2.54 -21.18	114.42 3.29 -24.53	108.81 3.21 -23.21	99.14 2.60 -22.21	97.34 2.52 -20.65	92.51 1.86 -19.22	93.46 2.00 -17.21	91.40 2.08 -15.07
ETNA____115KV_TB2 80207	89.32 1.84 -13.77	86.45 1.51 -13.16	84.13 1.56 -11.82	83.52 1.20 -11.78	86.27 1.49 -14.02	90.38 1.84 -14.91	96.06 2.46 -19.04	101.62 2.21 -25.79	96.17 2.16 -19.45	93.94 1.93 -17.77	92.23 1.86 -15.84	89.37 1.60 -14.89	87.31 1.56 -15.00	87.16 1.48 -15.06	89.12 1.89 -14.50	92.98 1.95 -18.67	98.43 2.54 -21.18	114.42 3.29 -24.53	108.81 3.21 -23.21	99.14 2.60 -22.21	97.34 2.52 -20.65	92.51 1.86 -19.22	93.46 2.00 -17.21	91.40 2.08 -15.07
EUCLID____115KV_TB2 356179	78.00 -1.11 -5.40	75.72 -1.22 -5.16	74.19 -1.20 -4.63	73.82 -1.34 -4.62	75.05 -1.20 -5.50	78.37 -1.10 -5.85	80.74 -0.82 -7.01	82.78 -0.96 -10.11	79.65 -0.89 -5.98	79.69 -1.04 -6.48	79.77 -1.04 -6.28	77.41 -1.24 -5.77	75.32 -1.27 -5.84	75.12 -1.34 -5.85	77.08 -1.16 -5.52	78.55 -1.09 -7.28	80.36 -0.97 -6.62	93.62 -0.95 -7.98	88.94 -0.91 -7.46	80.35 -1.04 -7.07	78.88 -0.96 -5.68	77.63 -1.21 -7.42	79.88 -1.11 -6.75	79.12 -1.04 -5.91
E_CANADA_CAP_HY 24051	165.87 4.94 -87.22	159.74 4.60 -83.36	150.04 4.46 -74.82	149.46 4.30 -74.61	164.16 4.60 -88.81	173.18 5.15 -94.40	210.48 5.44 -130.48	242.29 5.37 -163.29	238.11 5.07 -158.48	202.71 4.38 -124.08	180.31 4.32 -101.46	169.79 3.93 -92.98	169.13 3.68 -94.70	169.21 3.67 -94.93	166.38 4.14 -89.51	195.32 4.77 -118.19	249.67 5.61 -169.35	284.42 7.18 -190.64	271.41 6.76 -182.26	256.17 5.87 -175.98	262.73 5.86 -182.70	201.23 5.50 -124.30	188.56 5.35 -108.96	174.98 5.27 -95.46
E_CANADA_MHWK_HY 24050	75.99 2.29 0.00	73.93 2.15 0.00	72.88 2.12 0.00	72.59 2.05 0.00	72.88 2.12 0.00	75.98 2.36 0.00	76.94 2.39 0.00	75.91 2.28 0.00	77.01 2.46 0.00	76.77 2.53 0.00	77.13 2.61 0.00	75.28 2.40 0.00	73.16 2.41 0.00	72.87 2.26 0.00	75.12 2.40 0.00	74.67 2.31 0.00	77.18 2.46 0.00	89.45 2.85 0.00	85.19 2.80 0.00	76.77 2.45 0.00	76.54 2.37 0.00	73.71 2.29 0.00	76.69 2.45 0.00	76.69 2.45 0.00
E_FISHKILL____LBMP 23776	137.72 5.75 -58.26	132.92 5.46 -55.69	125.97 5.24 -49.98	125.46 5.08 -49.84	135.25 5.17 -59.32	142.29 5.60 -63.06	160.06 5.59 -79.91	188.30 5.60 -109.08	160.45 5.89 -80.01	155.15 6.16 -74.75	148.77 6.48 -67.76	147.25 6.34 -68.03	143.33 6.16 -66.42	143.41 6.14 -66.65	144.65 6.40 -65.53	157.53 6.22 -78.95	168.41 6.43 -87.27	195.62 7.53 -101.49	185.45 7.17 -95.89	172.41 6.39 -91.69	164.49 6.30 -84.02	158.58 6.00 -81.15	153.19 6.16 -72.79	144.33 6.31 -63.77
FALCON____SEABRD_CC1 323796	71.72 -1.99 0.00	70.20 -1.58 0.00	69.20 -1.56 0.00	69.27 -1.27 0.00	69.20 -1.56 0.00	71.57 -2.06 0.00	71.57 -2.98 0.00	71.27 -2.36 0.00	71.80 -2.76 0.00	71.50 -2.75 0.00	71.70 -2.83 0.00	70.54 -2.33 0.00	68.64 -2.12 0.00	68.71 -1.90 0.00	70.40 -2.33 0.00	70.41 -1.95 0.00	71.80 -2.92 0.00	82.44 -4.16 0.00	78.36 -4.04 0.00	71.50 -2.82 0.00	71.35 -2.82 0.00	69.14 -2.29 0.00	71.13 -3.12 0.00	71.80 -2.45 0.00

FALCON___SEABRD_CC2 323797	71.72 -1.99 0.00	70.20 -1.58 0.00	69.20 -1.56 0.00	69.27 -1.27 0.00	69.20 -1.56 0.00	71.57 -2.06 0.00	71.57 -2.98 0.00	71.27 -2.36 0.00	71.80 -2.76 0.00	71.50 -2.75 0.00	71.70 -2.83 0.00	70.54 -2.33 0.00	68.64 -2.12 0.00	68.71 -1.90 0.00	70.40 -2.33 0.00	70.41 -1.95 0.00	71.80 -2.92 0.00	82.44 -4.16 0.00	78.36 -4.04 0.00	71.50 -2.82 0.00	71.35 -2.82 0.00	69.14 -2.29 0.00	71.13 -3.12 0.00	71.80 -2.45 0.00
FAR ROCKAWAY___4 23548	146.94 9.21 -64.02	135.37 8.90 -54.69	127.96 8.14 -49.07	127.44 7.97 -48.93	137.20 8.21 -58.24	144.62 9.06 -61.93	162.11 9.10 -78.45	201.61 9.06 -118.93	182.66 9.32 -98.78	156.98 9.35 -73.38	152.34 10.06 -67.75	152.30 9.77 -69.66	152.39 9.41 -72.22	147.60 9.32 -67.67	152.44 9.82 -69.89	167.17 9.55 -85.26	190.82 9.94 -106.17	263.86 12.04 -165.23	222.82 11.45 -128.98	215.67 10.18 -131.16	190.49 10.09 -106.24	187.48 9.36 -106.69	155.51 9.80 -71.46	150.30 10.02 -66.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.60 6.14 -48.92	135.21 6.23 -58.22	142.22 6.70 -61.89	159.62 6.64 -78.43	187.39 6.70 -107.06	160.24 7.16 -78.53	155.18 7.57 -73.36	149.08 8.05 -66.50	147.52 7.94 -66.70	143.69 7.78 -65.15	143.69 7.70 -65.38	145.05 8.07 -64.25	157.51 7.67 -77.49	167.99 7.62 -85.66	195.22 9.01 -99.62	185.08 8.57 -94.12	171.91 7.58 -90.00	164.13 7.49 -82.47	158.29 7.21 -79.65	153.11 7.42 -71.44	144.85 8.02 -62.59
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	137.97 7.08 -57.18	133.18 6.75 -54.66	126.11 6.30 -49.05	125.60 6.14 -48.92	135.21 6.23 -58.22	142.22 6.70 -61.89	159.62 6.64 -78.43	187.39 6.70 -107.06	160.24 7.16 -78.53	155.18 7.57 -73.36	149.08 8.05 -66.50	147.52 7.94 -66.70	143.69 7.78 -65.15	143.69 7.70 -65.38	145.05 8.07 -64.25	157.51 7.67 -77.49	167.99 7.62 -85.66	195.31 9.09 -99.62	185.08 8.57 -94.12	171.91 7.58 -90.00	164.20 7.57 -82.47	158.29 7.21 -79.65	153.11 7.42 -71.44	144.85 8.02 -62.59
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	137.97 7.08 -57.18	133.11 6.68 -54.66	126.11 6.30 -49.05	125.60 6.14 -48.92	135.14 6.16 -58.22	142.22 6.70 -61.89	159.55 6.56 -78.43	187.31 6.63 -107.06	160.24 7.16 -78.53	155.11 7.50 -73.36	149.08 8.05 -66.50	147.45 7.87 -66.70	143.62 7.71 -65.15	143.69 7.70 -65.38	144.97 8.00 -64.25	157.44 7.60 -77.49	167.92 7.55 -85.66	195.22 9.01 -99.62	185.00 8.49 -94.12	171.83 7.51 -90.00	164.13 7.49 -82.47	158.22 7.14 -79.65	153.03 7.35 -71.44	144.78 7.94 -62.59
FARRAGUT___LBMP 323566	137.89 7.00 -57.18	133.04 6.60 -54.66	126.04 6.23 -49.05	125.53 6.07 -48.92	135.14 6.16 -58.22	142.15 6.63 -61.89	159.55 6.56 -78.43	187.24 6.55 -107.06	160.17 7.08 -78.53	155.03 7.42 -73.36	149.00 7.97 -66.50	147.38 7.80 -66.70	143.55 7.64 -65.15	143.61 7.63 -65.38	144.90 7.93 -64.25	157.37 7.53 -77.49	167.84 7.47 -85.66	195.13 8.92 -99.62	184.91 8.40 -94.12	171.76 7.43 -90.00	164.05 7.42 -82.47	158.14 7.07 -79.65	152.96 7.28 -71.44	144.70 7.87 -62.59
FENNER___WINDPWR 24204	83.24 1.99 -7.54	80.78 1.80 -7.21	78.99 1.77 -6.47	78.54 1.55 -6.45	80.20 1.77 -7.68	83.93 2.14 -8.16	87.44 2.54 -10.35	90.25 2.50 -14.12	87.48 2.54 -10.39	86.35 2.45 -9.66	85.68 2.46 -8.70	83.31 2.26 -8.18	81.09 2.12 -8.22	80.91 2.05 -8.25	82.90 2.26 -7.91	84.80 2.25 -10.20	88.64 2.61 -11.31	102.97 3.21 -13.17	97.97 3.13 -12.44	88.75 2.53 -11.90	87.46 2.37 -10.92	83.86 1.93 -10.50	85.74 2.08 -9.42	84.57 2.08 -8.25
FIBERTEK___ENERGY 23856	80.62 0.15 -6.76	78.17 -0.07 -6.46	76.49 -0.07 -5.80	76.04 -0.28 -5.79	77.50 -0.14 -6.89	81.02 0.07 -7.32	83.85 0.52 -8.77	86.58 0.29 -12.66	82.42 0.37 -7.49	82.58 0.22 -8.11	82.55 0.15 -7.87	80.19 -0.07 -7.39	78.06 -0.14 -7.44	77.86 -0.21 -7.46	79.91 0.07 -7.11	81.59 0.07 -9.16	83.34 0.30 -8.33	97.27 0.69 -9.98	92.39 0.66 -9.33	83.54 0.37 -8.85	81.65 0.37 -7.11	80.72 0.00 -9.29	82.84 0.15 -8.45	81.80 0.15 -7.40
FITZPATRICK____ 23598	74.38 -2.58 -3.26	72.31 -2.58 -3.11	71.01 -2.54 -2.79	70.72 -2.61 -2.79	71.53 -2.54 -3.32	74.65 -2.50 -3.52	76.32 -2.46 -4.22	77.22 -2.50 -6.10	75.63 -2.54 -3.61	75.51 -2.67 -3.93	75.70 -2.68 -3.85	73.64 -2.77 -3.54	71.60 -2.76 -3.60	71.31 -2.90 -3.60	73.24 -2.84 -3.35	73.87 -2.90 -4.41	76.04 -2.69 -4.01	88.37 -3.03 -4.81	84.00 -2.89 -4.49	75.83 -2.75 -4.26	74.92 -2.67 -3.42	73.18 -2.71 -4.47	75.71 -2.60 -4.07	75.21 -2.60 -3.56
FLOWRFLD_69_KV_BK1 356044	147.90 10.17 -64.03	136.31 9.83 -54.70	128.81 8.99 -49.07	128.22 8.75 -48.93	138.12 9.13 -58.24	145.65 10.09 -61.94	248.52 9.62 -164.34	233.66 9.50 -150.53	189.51 9.92 -105.03	157.20 9.58 -73.38	152.63 10.36 -67.75	152.66 10.13 -69.65	152.60 9.62 -72.22	147.67 9.39 -67.67	152.58 9.96 -69.89	162.30 9.55 -80.40	190.59 9.71 -106.16	263.43 11.60 -165.23	222.33 10.96 -128.98	215.59 10.11 -131.16	190.26 9.86 -106.23	187.11 9.00 -106.69	155.57 9.87 -71.45	150.67 10.39 -66.03
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	137.82 6.85 -57.26	133.04 6.53 -54.73	126.18 6.30 -49.12	125.73 6.21 -48.98	135.36 6.30 -58.30	142.45 6.85 -61.98	160.12 6.93 -78.63	187.75 6.92 -107.20	160.83 7.31 -78.96	155.23 7.42 -73.56	148.72 7.60 -66.59	146.76 7.29 -66.60	142.89 7.00 -65.13	142.89 6.92 -65.36	144.07 7.20 -64.15	157.04 7.09 -77.59	168.50 7.70 -86.10	196.03 9.35 -100.08	185.78 8.82 -94.57	172.58 7.80 -90.45	164.87 7.64 -83.06	158.35 7.14 -79.78	153.06 7.28 -71.54	144.19 7.28 -62.67
FORT ORANGE____ 23900	151.55 3.61 -74.23	146.32 3.59 -70.95	137.97 3.54 -63.68	137.50 3.46 -63.50	149.88 3.54 -75.58	157.73 3.75 -80.35	185.38 3.87 -106.95	215.70 3.09 -138.98	197.94 3.13 -120.25	178.40 3.12 -101.04	164.08 3.13 -86.43	154.87 2.99 -79.00	154.21 2.90 -80.56	154.25 2.90 -80.74	151.48 2.76 -75.99	175.41 2.46 -100.59	206.90 2.69 -129.50	237.43 3.21 -147.63	225.93 3.05 -140.49	212.14 2.67 -135.14	210.82 2.67 -133.98	178.87 2.71 -104.73	170.25 3.26 -92.74	158.54 3.05 -81.25
FORT_DRUM_COGEN 23780	76.80 0.07 -3.02	74.52 -0.14 -2.89	73.07 -0.28 -2.59	72.70 -0.42 -2.58	73.62 -0.21 -3.08	76.82 -0.07 -3.27	79.07 0.60 -3.92	80.54 1.25 -5.66	79.25 1.34 -3.35	79.13 1.26 -3.63	79.41 1.42 -3.47	77.49 1.38 -3.23	75.37 1.34 -3.27	75.23 1.34 -3.28	77.13 1.31 -3.09	77.88 1.45 -4.08	79.84 1.42 -3.71	92.88 1.82 -4.46	88.37 1.81 -4.17	79.69 1.41 -3.95	78.53 1.19 -3.18	76.36 0.79 -4.15	78.32 0.30 -3.77	77.55 0.00 -3.31
FOX_HILLS___ESR 323835	138.20 7.30 -57.20	133.41 6.96 -54.67	126.40 6.58 -49.07	125.89 6.42 -48.93	135.50 6.51 -58.24	142.60 7.07 -61.91	159.70 6.71 -78.44	187.32 6.63 -107.07	160.25 7.16 -78.54	155.56 7.94 -73.37	149.39 8.35 -66.52	147.75 8.16 -66.72	143.84 7.92 -65.16	143.91 7.91 -65.39	145.28 8.29 -64.26	157.82 7.96 -77.50	168.22 7.84 -85.66	195.57 9.35 -99.62	185.41 8.90 -94.12	172.29 7.95 -90.02	164.78 8.08 -82.53	158.80 7.71 -79.66	153.57 7.87 -71.45	145.09 8.24 -62.60
FPL FAR_ROCK_GT1 24212	147.01 9.29 -64.02	135.44 8.97 -54.69	128.03 8.20 -49.07	127.51 8.04 -48.93	137.34 8.35 -58.24	144.76 9.20 -61.93	162.03 9.02 -78.45	201.68 9.13 -118.93	182.81 9.47 -98.78	156.98 9.35 -73.38	152.41 10.13 -67.75	152.30 9.77 -69.66	152.17 9.19 -72.22	147.40 9.11 -67.67	152.37 9.75 -69.89	167.24 9.62 -85.26	191.20 10.31 -106.17	264.12 12.29 -165.23	222.99 11.62 -128.98	215.81 10.33 -131.16	190.71 10.31 -106.24	187.47 9.35 -106.69	155.43 9.72 -71.46	150.45 10.17 -66.04



FPL_FAR_ROCK_GT2 23815	147.01 9.29 -64.02	135.44 8.97 -54.69	128.03 8.20 -49.07	127.51 8.04 -48.93	137.34 8.35 -58.24	144.76 9.20 -61.93	162.03 9.02 -78.45	201.68 9.13 -118.93	182.81 9.47 -98.78	156.98 9.35 -73.38	152.41 10.13 -67.75	152.30 9.77 -69.66	152.17 9.19 -72.22	147.40 9.11 -67.67	152.37 9.75 -69.89	167.24 9.62 -85.26	191.20 10.31 -106.17	264.12 12.29 -165.23	222.99 11.62 -128.98	215.81 10.33 -131.16	190.71 10.31 -106.24	187.47 9.35 -106.69	155.43 9.72 -71.46	150.45 10.17 -66.04
FRANKLIN_FALL_HYD 24054	71.79 -1.92 0.00	70.27 -1.51 0.00	69.34 -1.42 0.00	69.34 -1.20 0.00	69.34 -1.42 0.00	71.71 -1.91 0.00	72.10 -2.46 0.00	72.01 -1.62 0.00	72.32 -2.24 0.00	72.09 -2.15 0.00	72.08 -2.38 0.06	71.27 -1.60 0.00	69.41 -1.34 0.00	69.41 -1.20 0.00	70.98 -1.75 0.00	70.69 -1.66 0.00	72.47 -2.24 0.00	83.05 -3.55 0.00	78.93 -3.46 0.00	72.17 -2.16 0.00	71.79 -2.37 0.00	69.78 -1.64 0.00	71.80 -2.45 0.00	71.80 -2.45 0.00
FREEPORT_EQUS_GT1 23764	146.27 8.55 -64.02	134.79 8.32 -54.69	127.40 7.57 -49.07	126.88 7.40 -48.93	136.71 7.71 -58.24	144.02 8.46 -61.93	161.13 8.13 -78.45	200.79 8.24 -118.92	181.91 8.57 -98.78	156.09 8.46 -73.38	151.52 9.24 -67.75	151.42 8.89 -69.65	151.32 8.35 -72.22	146.61 8.33 -67.67	151.49 8.87 -69.89	163.22 8.75 -82.11	189.84 8.96 -106.17	262.47 10.65 -165.23	221.42 10.05 -128.98	214.47 8.99 -131.16	189.37 8.97 -106.23	186.47 8.35 -106.69	154.46 8.76 -71.46	149.63 9.35 -66.03
FREEPORT___CT2 23818	146.27 8.55 -64.02	134.79 8.32 -54.69	127.40 7.57 -49.07	126.88 7.40 -48.93	136.71 7.71 -58.24	144.02 8.46 -61.93	161.13 8.13 -78.45	200.79 8.24 -118.92	181.91 8.57 -98.78	156.09 8.46 -73.38	151.52 9.24 -67.75	151.42 8.89 -69.65	151.32 8.35 -72.22	146.61 8.33 -67.67	151.49 8.87 -69.89	163.22 8.75 -82.11	189.84 8.96 -106.17	262.47 10.65 -165.23	221.42 10.05 -128.98	214.47 8.99 -131.16	189.37 8.97 -106.23	186.47 8.35 -106.69	154.46 8.76 -71.46	149.63 9.35 -66.03
FRESHKLS_33_KV_LOAD 356253	137.98 7.08 -57.20	133.19 6.75 -54.67	126.26 6.44 -49.07	125.75 6.28 -48.93	135.36 6.37 -58.24	142.46 6.92 -61.91	155.74 6.49 -74.69	159.83 6.41 -79.80	159.75 6.93 -78.26	155.41 7.80 -73.37	149.09 8.05 -66.52	147.46 7.87 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.06 8.07 -64.26	157.60 7.74 -77.50	168.00 7.62 -85.66	184.90 9.18 -89.12	185.25 8.73 -94.12	172.14 7.80 -90.02	164.59 7.94 -82.48	158.66 7.57 -79.66	153.42 7.72 -71.45	144.86 8.02 -62.60
FULTON COGEN____ 23766	76.75 -1.62 -4.67	74.52 -1.72 -4.46	73.06 -1.70 -4.00	72.70 -1.83 -3.99	73.81 -1.70 -4.75	77.06 -1.62 -5.05	79.27 -1.34 -6.05	80.89 -1.47 -8.74	78.31 -1.42 -5.17	78.29 -1.56 -5.60	78.39 -1.57 -5.43	76.04 -1.82 -4.99	73.91 -1.91 -5.07	73.71 -1.98 -5.08	75.70 -1.82 -4.79	76.86 -1.81 -6.31	78.81 -1.64 -5.74	91.76 -1.73 -6.89	87.19 -1.65 -6.44	78.72 -1.71 -6.11	77.52 -1.56 -4.91	76.05 -1.79 -6.41	78.44 -1.63 -5.83	77.65 -1.71 -5.11
FULTON___LFGE 323630	162.90 5.97 -83.23	156.99 5.67 -79.55	147.74 5.59 -71.39	147.09 5.36 -71.19	161.16 5.66 -84.74	169.89 6.19 -90.08	208.15 6.78 -126.81	235.99 6.55 -155.81	240.34 6.33 -159.45	200.95 5.72 -120.99	177.01 5.66 -96.83	166.61 5.10 -88.63	165.89 4.81 -90.32	165.95 4.80 -90.54	163.34 5.31 -85.31	190.92 5.79 -112.77	251.26 6.73 -169.82	285.13 8.40 -190.14	272.44 7.91 -182.13	257.53 7.06 -176.14	267.65 7.05 -186.43	197.07 6.43 -119.21	184.52 6.31 -103.97	171.64 6.31 -91.09
G.F.CEMENT___DRP 24184	157.05 6.19 -77.15	151.48 5.96 -73.74	142.81 5.87 -66.19	142.26 5.71 -66.00	155.26 5.94 -78.56	162.00 4.86 -83.51	199.33 5.44 -119.33	223.37 5.30 -144.44	234.20 5.52 -154.13	193.84 5.42 -114.18	169.94 5.59 -89.83	160.33 5.25 -82.20	159.41 4.88 -83.77	159.45 4.87 -83.97	157.10 5.31 -79.07	182.33 5.43 -104.55	244.36 5.90 -163.74	276.36 7.19 -182.58	264.15 6.59 -175.16	249.73 5.80 -169.61	262.15 5.86 -182.12	187.61 5.21 -110.97	175.75 5.12 -96.39	165.15 6.46 -84.44
GARDENVILLE___LBMP 24039	78.94 -4.94 -10.17	76.47 -5.02 -9.72	74.60 -4.88 -8.72	73.74 -5.50 -8.70	76.16 -4.95 -10.35	79.63 -5.01 -11.01	83.39 -5.14 -13.98	85.89 -6.77 -19.04	81.56 -7.08 -14.08	79.05 -7.28 -12.08	76.70 -7.30 -9.47	74.39 -7.43 -8.95	72.60 -7.15 -8.99	72.71 -7.27 -9.38	76.95 -6.47 -10.70	79.92 -6.22 -13.78	84.46 -5.60 -15.35	98.11 -6.32 -17.83	93.31 -5.93 -16.85	84.57 -5.87 -16.12	83.52 -5.49 -14.84	78.96 -6.64 -14.17	81.01 -5.94 -12.70	80.70 -4.68 -11.13
GARDNVLA_35_KV_LD 355827	79.16 -4.79 -10.25	76.76 -4.81 -9.79	74.88 -4.67 -8.79	73.95 -5.36 -8.77	76.38 -4.81 -10.43	79.93 -4.79 -11.09	83.65 -5.00 -14.09	86.18 -6.63 -19.18	81.89 -6.86 -14.19	79.32 -7.13 -12.20	77.07 -7.08 -9.63	74.75 -7.21 -9.09	72.88 -7.00 -9.13	73.06 -7.06 -9.51	77.25 -6.25 -10.78	80.24 -6.01 -13.89	84.81 -5.38 -15.47	98.51 -6.06 -17.97	93.69 -5.69 -16.98	84.92 -5.65 -16.25	83.85 -5.27 -14.95	79.28 -6.43 -14.28	81.40 -5.64 -12.80	81.01 -4.45 -11.21
GELCKHM___115KV_LOAD 80723	78.94 -0.66 -5.90	76.63 -0.79 -5.64	75.04 -0.78 -5.06	74.60 -0.99 -5.04	75.98 -0.78 -6.00	79.35 -0.66 -6.38	81.91 -0.30 -7.65	84.15 -0.52 -11.04	80.64 -0.45 -6.53	80.73 -0.59 -7.08	80.79 -0.60 -6.86	78.52 -0.80 -6.44	76.39 -0.85 -6.48	76.19 -0.92 -6.50	78.19 -0.73 -6.19	79.68 -0.65 -7.98	81.52 -0.45 -7.26	94.96 -0.35 -8.71	90.20 -0.33 -8.14	81.52 -0.52 -7.71	79.92 -0.45 -6.20	78.74 -0.79 -8.10	80.94 -0.67 -7.37	80.10 -0.59 -6.45
GENERAL___MILLS 23808	79.07 -4.86 -10.23	76.60 -4.95 -9.77	74.72 -4.81 -8.77	73.86 -5.43 -8.75	76.29 -4.88 -10.41	79.76 -4.93 -11.07	83.54 -5.07 -14.06	86.07 -6.70 -19.14	81.71 -7.01 -14.16	79.21 -7.20 -12.17	76.88 -7.23 -9.59	74.57 -7.36 -9.05	72.77 -7.08 -9.09	72.88 -7.20 -9.47	77.08 -6.40 -10.76	80.07 -6.15 -13.86	84.62 -5.53 -15.44	98.29 -6.23 -17.93	93.49 -5.85 -16.95	84.74 -5.80 -16.21	83.67 -5.41 -14.92	79.11 -6.57 -14.25	81.23 -5.79 -12.77	80.83 -4.60 -11.19
GE_PLASTICS___DRP 24183	151.04 3.10 -74.24	145.75 3.01 -70.96	137.41 2.97 -63.68	136.94 2.89 -63.51	149.32 2.97 -75.59	157.07 3.09 -80.35	183.28 3.13 -105.59	215.56 2.95 -138.99	193.00 3.06 -115.39	176.87 3.12 -99.51	164.09 3.13 -86.43	154.76 3.06 -78.83	154.19 2.97 -80.46	154.15 2.90 -80.65	151.45 2.91 -75.82	175.70 2.75 -100.60	202.27 2.91 -124.64	232.74 3.38 -142.77	221.23 3.21 -135.63	207.43 2.82 -130.28	203.82 2.82 -126.83	178.52 2.71 -104.38	170.18 3.19 -92.74	158.54 3.04 -81.25
GILBOA___1 23756	135.31 3.02 -58.58	130.65 2.87 -55.99	123.77 2.76 -50.25	123.34 2.68 -50.11	133.16 2.76 -59.65	140.06 3.02 -63.41	157.38 3.06 -79.77	186.25 2.95 -109.68	155.99 3.06 -78.38	151.86 3.12 -74.50	145.85 3.20 -68.12	138.46 3.06 -62.53	137.36 2.97 -63.63	137.30 2.90 -63.79	136.07 3.13 -60.22	154.78 3.04 -79.38	163.76 3.37 -85.68	190.48 3.90 -99.98	180.45 3.71 -94.35	167.72 3.27 -90.13	158.87 3.26 -81.44	155.87 3.00 -81.44	150.62 3.19 -73.19	141.55 3.19 -64.12
GILBOA___2 23757	135.31 3.02 -58.58	130.65 2.87 -55.99	123.77 2.76 -50.25	123.34 2.68 -50.11	133.16 2.76 -59.65	140.06 3.02 -63.41	157.38 3.06 -79.77	186.25 2.95 -109.68	155.99 3.06 -78.38	151.86 3.12 -74.50	145.85 3.20 -68.12	138.46 3.06 -62.53	137.36 2.97 -63.63	137.30 2.90 -63.79	136.07 3.13 -60.22	154.78 3.04 -79.38	163.76 3.37 -85.68	190.48 3.90 -99.98	180.45 3.71 -94.35	167.72 3.27 -90.13	158.87 3.26 -81.44	155.87 3.00 -81.44	150.62 3.19 -73.19	141.55 3.19 -64.12

GILBOA___3 23758	135.31 3.02 -58.58	130.65 2.87 -55.99	123.77 2.76 -50.25	123.34 2.68 -50.11	133.16 2.76 -59.65	140.06 3.02 -63.41	157.38 3.06 -79.77	186.25 2.95 -109.68	155.99 3.06 -78.38	151.86 3.12 -74.50	145.85 3.20 -68.12	138.46 3.06 -62.53	137.36 2.97 -63.63	137.30 2.90 -63.79	136.07 3.13 -60.22	154.78 3.04 -79.38	163.76 3.37 -85.68	190.48 3.90 -99.98	180.45 3.71 -94.35	167.72 3.27 -90.13	158.87 3.26 -81.44	155.87 3.00 -81.44	150.62 3.19 -73.19	141.55 3.19 -64.12
GILBOA___4 23759	135.31 3.02 -58.58	130.65 2.87 -55.99	123.77 2.76 -50.25	123.34 2.68 -50.11	133.16 2.76 -59.65	140.06 3.02 -63.41	157.38 3.06 -79.77	186.25 2.95 -109.68	155.99 3.06 -78.38	151.86 3.12 -74.50	145.85 3.20 -68.12	138.46 3.06 -62.53	137.36 2.97 -63.63	137.30 2.90 -63.79	136.07 3.13 -60.22	154.78 3.04 -79.38	163.76 3.37 -85.68	190.48 3.90 -99.98	180.45 3.71 -94.35	167.72 3.27 -90.13	158.87 3.26 -81.44	155.87 3.00 -81.44	150.62 3.19 -73.19	141.55 3.19 -64.12
GILBOA___ 23599	135.24 2.95 -58.58	130.57 2.80 -55.99	123.77 2.76 -50.25	123.34 2.68 -50.11	133.16 2.76 -59.65	139.98 2.95 -63.41	157.38 3.06 -79.77	186.18 2.87 -109.68	155.99 3.06 -78.38	151.86 3.12 -74.50	145.85 3.20 -68.12	138.54 3.13 -62.53	137.36 2.97 -63.63	137.37 2.97 -63.79	136.15 3.20 -60.22	154.85 3.11 -79.38	163.68 3.29 -85.68	190.47 3.90 -99.98	180.45 3.71 -94.35	167.72 3.27 -90.13	158.87 3.26 -81.44	155.87 3.00 -81.44	150.62 3.19 -73.19	141.56 3.19 -64.12
GINNA___ 23603	76.13 -4.94 -7.36	73.79 -5.03 -7.04	72.19 -4.88 -6.32	71.62 -5.22 -6.30	73.37 -4.88 -7.50	76.66 -4.93 -7.97	79.41 -4.69 -9.55	82.26 -5.16 -13.79	77.42 -5.29 -8.16	77.93 -5.27 -8.96	77.79 -5.59 -8.86	75.57 -5.61 -8.31	73.75 -5.38 -8.37	73.45 -5.51 -8.35	75.16 -5.31 -7.74	76.62 -5.72 -9.98	78.93 -4.86 -9.08	92.10 -5.37 -10.87	87.69 -4.86 -10.16	79.05 -4.91 -9.63	76.86 -5.05 -7.74	76.04 -5.50 -10.11	78.39 -5.05 -9.20	77.40 -4.90 -8.06
GLEN PARK___ 23778	77.35 0.52 -3.12	75.05 0.29 -2.99	73.58 0.14 -2.68	73.14 -0.07 -2.67	74.15 0.21 -3.18	77.31 0.30 -3.38	79.73 1.12 -4.05	81.17 1.69 -5.85	79.81 1.79 -3.46	79.70 1.71 -3.75	79.98 1.86 -3.59	77.96 1.75 -3.34	75.84 1.70 -3.39	75.70 1.69 -3.39	77.67 1.74 -3.20	78.45 1.88 -4.22	80.49 1.94 -3.84	93.81 2.60 -4.61	89.26 2.56 -4.31	80.49 2.08 -4.09	79.31 1.85 -3.29	77.01 1.29 -4.29	78.97 0.82 -3.90	78.19 0.52 -3.42
GLENDALE_27_KV_LOAD 356172	138.57 7.67 -57.20	133.77 7.32 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.15 7.16 -78.44	187.69 6.99 -107.07	160.62 7.53 -78.54	155.78 8.17 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	195.92 9.70 -99.62	185.74 9.23 -94.12	172.51 8.18 -90.01	164.87 8.23 -82.48	158.94 7.86 -79.66	153.79 8.09 -71.45	145.46 8.61 -62.60
GLENWOOD_IC_1_G5 23712	145.32 7.59 -64.02	133.79 7.32 -54.69	126.54 6.72 -49.07	126.03 6.56 -48.93	135.79 6.79 -58.24	142.99 7.44 -61.93	160.39 7.38 -78.45	199.91 7.36 -118.92	181.09 7.75 -98.78	155.49 7.87 -73.38	150.77 8.50 -67.75	150.84 8.31 -69.65	151.04 8.07 -72.22	146.26 7.98 -67.67	150.98 8.36 -69.89	161.89 8.10 -81.43	189.10 8.22 -106.17	261.09 9.27 -165.23	220.18 8.82 -128.98	213.29 7.80 -131.16	188.11 7.71 -106.23	185.83 7.71 -106.69	153.72 8.02 -71.46	148.59 8.32 -66.03
GLENWOOD_IC_2_G1 23688	144.95 7.23 -64.02	133.43 6.96 -54.69	126.26 6.44 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.70 7.14 -61.93	159.86 6.85 -78.45	199.47 6.92 -118.92	180.72 7.38 -98.78	155.05 7.42 -73.38	150.25 7.98 -67.75	150.33 7.80 -69.65	150.40 7.43 -72.22	145.62 7.34 -67.67	150.47 7.86 -69.89	160.66 7.60 -80.71	188.95 8.07 -106.16	261.27 9.44 -165.23	220.27 8.90 -128.98	213.36 7.87 -131.16	188.26 7.86 -106.23	185.40 7.29 -106.69	153.28 7.58 -71.46	148.22 7.95 -66.03
GLENWOOD_IC_3_G1 23689	144.95 7.23 -64.02	133.43 6.96 -54.69	126.26 6.44 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.70 7.14 -61.93	159.86 6.85 -78.45	199.47 6.92 -118.92	180.72 7.38 -98.78	155.05 7.42 -73.38	150.25 7.98 -67.75	150.33 7.80 -69.65	150.40 7.43 -72.22	145.62 7.34 -67.67	150.47 7.86 -69.89	160.66 7.60 -80.71	188.95 8.07 -106.16	261.27 9.44 -165.23	220.27 8.90 -128.98	213.36 7.87 -131.16	188.26 7.86 -106.23	185.40 7.29 -106.69	153.28 7.58 -71.46	148.22 7.95 -66.03
GLENWOOD___4 23550	145.32 7.59 -64.02	133.79 7.32 -54.69	126.54 6.72 -49.07	126.03 6.56 -48.93	135.79 6.79 -58.24	142.99 7.44 -61.93	160.39 7.38 -78.45	199.91 7.36 -118.92	181.09 7.75 -98.78	155.49 7.87 -73.38	150.77 8.50 -67.75	150.84 8.31 -69.65	151.04 8.07 -72.22	146.26 7.98 -67.67	150.98 8.36 -69.89	161.89 8.10 -81.43	189.10 8.22 -106.17	261.35 9.53 -165.23	220.35 8.98 -128.98	213.44 7.95 -131.16	188.34 7.94 -106.23	185.83 7.71 -106.69	153.72 8.02 -71.46	148.59 8.32 -66.03
GLENWOOD___5 23614	145.32 7.59 -64.02	133.79 7.32 -54.69	126.54 6.72 -49.07	126.03 6.56 -48.93	135.79 6.79 -58.24	142.99 7.44 -61.93	160.39 7.38 -78.45	199.91 7.36 -118.92	181.09 7.75 -98.78	155.49 7.87 -73.38	150.77 8.50 -67.75	150.84 8.31 -69.65	151.04 8.07 -72.22	146.26 7.98 -67.67	150.98 8.36 -69.89	161.89 8.10 -81.43	189.10 8.22 -106.17	261.35 9.53 -165.23	220.35 8.98 -128.98	213.44 7.95 -131.16	188.34 7.94 -106.23	185.83 7.71 -106.69	153.72 8.02 -71.46	148.59 8.32 -66.03
GLOBAL GREEN_PORT_GT1 23814	149.01 11.28 -64.03	137.32 10.84 -54.70	129.59 9.77 -49.07	129.14 9.66 -48.93	139.11 10.12 -58.24	146.68 11.12 -61.94	222.03 10.51 -136.96	223.21 9.13 -140.45	188.86 11.26 -103.04	157.72 10.10 -73.38	152.41 10.13 -67.75	152.30 9.77 -69.65	151.89 8.92 -72.22	146.89 8.61 -67.67	152.06 9.45 -69.89	161.93 9.19 -80.39	191.64 10.76 -106.16	261.87 10.04 -165.23	220.92 9.55 -128.98	216.19 10.71 -131.16	191.08 10.68 -106.23	187.54 9.43 -106.69	155.28 9.58 -71.45	151.56 11.28 -66.03
GLOBE___DSASP 323697	76.88 -6.26 -9.44	74.70 -6.10 -9.02	72.91 -5.94 -8.10	72.13 -6.49 -8.08	74.35 -6.01 -9.61	77.73 -6.11 -10.22	80.52 -7.01 -12.97	82.47 -8.84 -17.67	78.51 -9.10 -13.05	75.91 -9.35 -11.02	73.51 -9.39 -8.37	71.32 -9.47 -7.92	69.51 -9.20 -7.95	69.80 -9.18 -8.37	74.37 -8.29 -9.93	77.05 -8.10 -12.80	81.33 -7.62 -14.23	94.30 -8.83 -16.53	89.78 -8.24 -15.63	81.32 -7.95 -14.95	80.49 -7.42 -13.74	76.08 -8.50 -13.16	78.39 -7.65 -11.79	78.49 -6.09 -10.33
GOETHSLN___LBMP 323567	137.52 6.63 -57.18	132.68 6.24 -54.66	125.68 5.87 -49.05	125.10 5.64 -48.92	134.71 5.73 -58.22	141.71 6.18 -61.89	155.28 6.04 -74.68	159.52 6.11 -79.78	159.36 6.56 -78.25	154.59 6.98 -73.36	148.63 7.60 -66.50	147.01 7.43 -66.70	143.19 7.29 -65.15	143.26 7.27 -65.38	144.54 7.56 -64.25	156.94 7.09 -77.49	167.32 6.95 -85.66	184.02 8.31 -89.11	184.33 7.83 -94.11	171.24 6.91 -90.00	163.53 6.90 -82.47	157.72 6.64 -79.65	152.51 6.83 -71.44	144.41 7.57 -62.59
GOLAH___69_KV_TB 1_2 80279	79.12 -2.28 -7.70	76.77 -2.37 -7.36	75.17 -2.19 -6.61	74.52 -2.61 -6.59	76.41 -2.19 -7.84	79.83 -2.14 -8.34	82.96 -2.16 -10.57	84.96 -3.09 -14.42	81.95 -3.21 -10.60	80.76 -3.42 -9.93	80.08 -3.50 -9.06	77.59 -3.79 -8.50	75.71 -3.61 -8.57	75.37 -3.81 -8.57	77.70 -3.13 -8.10	79.83 -2.97 -10.44	83.96 -2.32 -11.56	97.70 -2.34 -13.44	93.03 -2.06 -12.70	84.16 -2.30 -12.14	83.30 -2.00 -11.14	79.08 -3.07 -10.73	81.27 -2.60 -9.62	80.75 -1.93 -8.43

GOODYEAR_LAKE_HYD 323669	96.20 3.76 -18.74	93.21 3.52 -17.91	90.16 3.33 -16.07	89.67 3.10 -16.03	93.16 3.33 -19.08	97.66 3.76 -20.28	109.84 4.18 -31.11	112.76 4.05 -35.08	123.75 4.18 -45.02	108.36 4.08 -30.03	100.32 4.17 -21.62	97.16 3.94 -20.35	94.97 3.75 -20.47	94.90 3.74 -20.55	96.55 4.07 -19.75	101.95 4.20 -25.39	126.63 4.56 -47.36	144.24 5.72 -51.93	137.96 5.44 -50.13	127.78 4.68 -48.78	134.15 4.60 -55.39	103.00 4.07 -27.50	101.74 4.08 -23.41	98.91 4.16 -20.51
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	93.83 0.52 -19.61	90.81 0.29 -18.74	87.86 0.28 -16.82	87.32 0.00 -16.78	91.01 0.28 -19.97	95.29 0.44 -21.23	102.48 0.82 -27.10	110.64 0.29 -36.71	102.52 0.30 -27.66	99.56 0.15 -25.17	96.97 0.15 -22.30	93.84 0.00 -20.96	91.86 0.00 -21.10	91.78 -0.07 -21.24	93.73 0.36 -20.64	99.30 0.36 -26.58	105.65 0.82 -30.11	122.70 1.21 -34.89	116.55 1.15 -33.01	106.66 0.74 -31.59	104.26 0.74 -29.35	99.01 0.21 -27.37	99.11 0.37 -24.50	96.38 0.67 -21.46
GOUDEY___7 23579	93.83 0.52 -19.61	90.81 0.29 -18.74	87.86 0.28 -16.82	87.32 0.00 -16.78	91.01 0.28 -19.97	95.29 0.44 -21.23	102.48 0.82 -27.10	110.64 0.29 -36.71	102.52 0.30 -27.66	99.56 0.15 -25.17	96.97 0.15 -22.30	93.84 0.00 -20.96	91.86 0.00 -21.10	91.78 -0.07 -21.24	93.73 0.36 -20.64	99.30 0.36 -26.58	105.65 0.82 -30.11	122.70 1.21 -34.89	116.55 1.15 -33.01	106.66 0.74 -31.59	104.26 0.74 -29.35	99.01 0.21 -27.37	99.11 0.37 -24.50	96.38 0.67 -21.46
GOUDEY___8 23580	93.83 0.52 -19.61	90.81 0.29 -18.74	87.86 0.28 -16.82	87.32 0.00 -16.78	91.01 0.28 -19.97	95.29 0.44 -21.23	102.48 0.82 -27.10	110.64 0.29 -36.71	102.52 0.30 -27.66	99.56 0.15 -25.17	96.97 0.15 -22.30	93.84 0.00 -20.96	91.86 0.00 -21.10	91.78 -0.07 -21.24	93.73 0.36 -20.64	99.30 0.36 -26.58	105.65 0.82 -30.11	122.70 1.21 -34.89	116.55 1.15 -33.01	106.66 0.74 -31.59	104.26 0.74 -29.35	99.01 0.21 -27.37	99.11 0.37 -24.50	96.38 0.67 -21.46
GOWANUS_GT1_1 24077	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT1_2 24078	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT1_3 24079	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT1_4 24080	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT1_5 24084	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT1_6 24111	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT1_7 24112	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT1_8 24113	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60
GOWANUS_GT2_1 24114	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
GOWANUS_GT2_2 24115	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
GOWANUS_GT2_3 24116	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60













HUNTLEY___67 23561	78.20 -5.31 -9.80	75.84 -5.31 -9.37	74.00 -5.17 -8.41	73.14 -5.78 -8.38	75.50 -5.24 -9.98	78.86 -5.37 -10.61	82.36 -5.67 -13.47	84.62 -7.36 -18.35	80.52 -7.60 -13.56	77.90 -7.87 -11.52	75.49 -7.90 -8.86	73.23 -8.02 -8.37	71.38 -7.78 -8.41	71.60 -7.84 -8.82	76.06 -6.98 -10.31	78.91 -6.73 -13.29	83.30 -6.20 -14.79	96.76 -7.01 -17.18	92.04 -6.59 -16.24	83.39 -6.47 -15.53	82.45 -6.01 -14.29	77.94 -7.14 -13.66	80.11 -6.39 -12.25	79.92 -5.05 -10.73
HUNTLEY___68 23562	78.20 -5.31 -9.80	75.84 -5.31 -9.37	74.00 -5.17 -8.41	73.14 -5.78 -8.38	75.50 -5.24 -9.98	78.86 -5.37 -10.61	82.36 -5.67 -13.47	84.62 -7.36 -18.35	80.52 -7.60 -13.56	77.90 -7.87 -11.52	75.49 -7.90 -8.86	73.23 -8.02 -8.37	71.38 -7.78 -8.41	71.60 -7.84 -8.82	76.06 -6.98 -10.31	78.91 -6.73 -13.29	83.30 -6.20 -14.79	96.76 -7.01 -17.18	92.04 -6.59 -16.24	83.39 -6.47 -15.53	82.45 -6.01 -14.29	77.94 -7.14 -13.66	80.11 -6.39 -12.25	79.92 -5.05 -10.73
HYLAND___LFGE 323620	85.17 0.74 -10.73	82.39 0.36 -10.25	80.39 0.43 -9.20	79.58 -0.14 -9.18	82.11 0.43 -10.92	86.05 0.81 -11.61	91.03 1.72 -14.75	91.07 -2.65 -20.09	86.23 -3.20 -14.87	83.91 -3.86 -13.53	81.73 -4.62 -11.83	79.18 -4.81 -11.12	77.28 -4.67 -11.19	77.21 -4.73 -11.32	79.94 -4.07 -11.29	82.85 -4.05 -14.54	88.91 -2.01 -16.21	103.26 -2.16 -18.83	98.46 -1.73 -17.80	89.64 -1.71 -17.03	91.62 1.78 -15.68	87.02 0.64 -14.95	88.99 1.34 -13.40	87.25 1.26 -11.74
INDECK___CORINTH 23802	156.90 5.90 -77.30	151.33 5.67 -73.88	142.65 5.59 -66.31	142.10 5.43 -66.12	155.12 5.66 -78.71	161.05 3.75 -83.67	198.64 4.32 -119.76	222.61 4.27 -144.72	234.10 4.40 -155.14	193.25 4.38 -114.62	169.07 4.55 -89.99	159.44 4.23 -82.34	158.71 4.03 -83.92	158.75 4.02 -84.12	156.21 4.29 -79.20	181.29 4.20 -104.74	244.20 4.71 -164.77	276.04 5.80 -183.64	263.96 5.35 -176.21	249.66 4.69 -170.65	262.36 4.68 -183.52	186.80 4.14 -111.23	174.89 4.08 -96.57	165.01 6.16 -84.60
INDECK___ILION 23567	75.25 1.55 0.00	73.21 1.44 0.00	72.10 1.34 0.00	71.88 1.34 0.00	72.17 1.42 0.00	75.17 1.55 0.00	76.20 1.64 0.00	75.17 1.55 0.00	76.27 1.71 0.00	75.95 1.71 0.00	76.31 1.79 0.00	74.48 1.60 0.00	72.38 1.63 0.00	72.16 1.55 0.00	74.40 1.67 0.00	74.02 1.66 0.00	76.43 1.72 0.00	88.68 2.08 0.00	84.37 1.98 0.00	76.03 1.71 0.00	75.87 1.71 0.00	73.00 1.57 0.00	75.88 1.63 0.00	75.88 1.63 0.00
INDECK___OLEAN 23982	79.38 -5.90 -11.57	76.81 -6.03 -11.06	74.88 -5.80 -9.93	74.02 -6.42 -9.90	76.67 -5.87 -11.78	80.26 -5.89 -12.52	84.66 -5.82 -15.92	88.08 -7.21 -21.66	83.09 -7.53 -16.06	80.57 -7.72 -14.05	78.33 -7.67 -11.47	76.11 -7.58 -10.82	74.20 -7.43 -10.87	74.19 -7.49 -11.21	77.78 -7.12 -12.18	80.37 -7.67 -15.68	86.02 -6.20 -17.51	99.83 -7.10 -20.33	95.01 -6.59 -19.22	86.24 -6.47 -18.38	84.43 -6.67 -16.94	80.12 -7.43 -16.13	82.02 -6.68 -14.45	81.42 -5.49 -12.66
INDECK___OSWEGO 23783	75.34 -2.73 -4.36	73.22 -2.73 -4.17	71.81 -2.69 -3.74	71.45 -2.82 -3.73	72.51 -2.69 -4.44	75.55 -2.80 -4.72	77.60 -2.61 -5.66	79.15 -2.65 -8.17	76.78 -2.61 -4.83	76.66 -2.82 -5.23	76.76 -2.83 -5.07	74.55 -2.99 -4.66	72.52 -2.97 -4.73	72.18 -3.18 -4.75	74.08 -3.13 -4.47	75.00 -3.25 -5.90	76.94 -3.14 -5.36	89.66 -3.38 -6.44	85.20 -3.21 -6.02	76.91 -3.12 -5.71	75.71 -3.04 -4.59	74.42 -3.00 -5.99	76.87 -2.82 -5.45	76.12 -2.90 -4.77
INDECK___YERKES 23781	78.46 -4.87 -9.62	75.95 -5.03 -9.19	74.34 -4.67 -8.25	73.41 -5.36 -8.23	75.74 -4.81 -9.79	79.18 -4.86 -10.41	82.49 -5.29 -13.22	84.57 -7.07 -18.01	80.48 -7.38 -13.31	78.14 -7.50 -11.40	75.61 -7.82 -8.91	73.49 -7.80 -8.41	71.78 -7.43 -8.45	71.95 -7.49 -8.82	75.94 -6.91 -10.12	77.65 -7.74 -13.04	83.17 -6.05 -14.51	96.44 -7.01 -16.85	91.98 -6.34 -15.93	83.32 -6.24 -15.23	81.80 -6.38 -14.01	77.55 -7.29 -13.40	80.25 -6.01 -12.02	80.10 -4.68 -10.53
INDIAN POINT_GT_1 24139	136.35 6.04 -56.60	131.62 5.74 -54.10	124.76 5.45 -48.56	124.32 5.36 -48.42	133.77 5.38 -57.63	140.78 5.89 -61.27	158.08 5.89 -77.64	185.49 5.89 -105.97	158.48 6.19 -77.74	153.40 6.53 -72.62	147.21 6.86 -65.83	145.57 6.70 -65.99	141.73 6.51 -64.46	141.80 6.50 -64.69	143.05 6.76 -63.56	155.57 6.51 -76.70	166.23 6.72 -84.79	193.17 7.97 -98.61	183.14 7.58 -93.17	170.10 6.69 -89.09	162.41 6.60 -81.64	156.55 6.29 -78.84	151.34 6.39 -70.71	142.88 6.68 -61.95
INDIAN POINT_GT_2 23659	136.35 6.04 -56.60	131.62 5.74 -54.10	124.76 5.45 -48.56	124.32 5.36 -48.42	133.77 5.38 -57.63	140.78 5.89 -61.27	158.08 5.89 -77.64	185.49 5.89 -105.97	158.48 6.19 -77.74	153.40 6.53 -72.62	147.21 6.86 -65.83	145.57 6.70 -65.99	141.73 6.51 -64.46	141.80 6.50 -64.69	143.05 6.76 -63.56	155.57 6.51 -76.70	166.23 6.72 -84.79	193.17 7.97 -98.61	183.14 7.58 -93.17	170.10 6.69 -89.09	162.41 6.60 -81.64	156.55 6.29 -78.84	151.34 6.39 -70.71	142.88 6.68 -61.95
INDIAN POINT_GT_3 24019	136.35 6.04 -56.60	131.62 5.74 -54.10	124.76 5.45 -48.56	124.32 5.36 -48.42	133.77 5.38 -57.63	140.78 5.89 -61.27	158.08 5.89 -77.64	185.49 5.89 -105.97	158.48 6.19 -77.74	153.40 6.53 -72.62	147.21 6.86 -65.83	145.57 6.70 -65.99	141.73 6.51 -64.46	141.80 6.50 -64.69	143.05 6.76 -63.56	155.57 6.51 -76.70	166.23 6.72 -84.79	193.17 7.97 -98.61	183.14 7.58 -93.17	170.10 6.69 -89.09	162.41 6.60 -81.64	156.55 6.29 -78.84	151.34 6.39 -70.71	142.88 6.68 -61.95
INDIAN POINT___2 23530	135.48 5.97 -55.81	130.86 5.74 -53.34	124.00 5.37 -47.87	123.57 5.29 -47.74	132.95 5.37 -56.82	139.92 5.89 -60.40	156.84 5.74 -76.54	183.92 5.82 -104.48	157.32 6.11 -76.65	152.15 6.31 -71.60	146.13 6.71 -64.90	144.36 6.48 -65.00	140.43 6.15 -63.52	140.43 6.07 -63.75	141.89 6.55 -62.61	154.20 6.22 -75.62	165.04 6.73 -83.60	191.79 7.96 -97.23	181.67 7.42 -91.86	168.78 6.61 -87.84	161.26 6.60 -80.50	155.22 6.07 -77.73	150.35 6.39 -69.72	141.93 6.61 -61.08
INDIAN POINT___3 23531	136.25 5.90 -56.65	131.52 5.60 -54.14	124.66 5.31 -48.59	124.22 5.22 -48.46	133.74 5.31 -57.68	140.68 5.74 -61.31	157.99 5.74 -77.70	185.42 5.74 -106.05	158.32 5.96 -77.80	153.16 6.24 -72.67	147.04 6.63 -65.88	145.40 6.49 -66.04	141.57 6.30 -64.52	141.64 6.28 -64.74	142.88 6.55 -63.61	155.48 6.37 -76.76	166.07 6.50 -84.86	192.99 7.71 -98.69	182.96 7.33 -93.24	169.95 6.47 -89.16	162.25 6.38 -81.70	156.40 6.07 -78.90	151.25 6.24 -70.77	142.71 6.46 -62.00
INGHAM_C_115KV_TB7 356103	75.99 2.28 0.00	73.93 2.15 0.00	72.88 2.12 0.00	72.52 1.98 0.00	72.88 2.12 0.00	75.98 2.36 0.00	76.94 2.39 0.00	75.91 2.28 0.00	77.02 2.46 0.00	76.77 2.52 0.00	77.13 2.61 0.00	75.28 2.40 0.00	73.16 2.41 0.00	72.87 2.26 0.00	75.13 2.40 0.00	74.74 2.39 0.00	77.18 2.47 0.00	89.54 2.94 0.00	85.19 2.80 0.00	76.78 2.45 0.00	76.54 2.37 0.00	73.71 2.29 0.00	76.62 2.38 0.00	76.62 2.38 0.00
IP CORINTH___1 23988	156.90 5.90 -77.30	151.33 5.67 -73.88	142.66 5.59 -66.31	142.10 5.43 -66.12	155.12 5.66 -78.71	161.49 4.20 -83.67	199.09 4.77 -119.76	222.98 4.64 -144.72	234.54 4.85 -155.14	193.62 4.75 -114.62	169.44 4.92 -89.99	159.81 4.59 -82.34	159.00 4.32 -83.92	159.04 4.31 -84.12	156.65 4.73 -79.20	181.87 4.78 -104.74	244.64 5.16 -164.77	276.56 6.32 -183.64	264.37 5.77 -176.21	250.02 5.05 -170.65	262.88 5.19 -183.52	187.23 4.57 -111.23	175.27 4.45 -96.57	165.01 6.16 -84.60

IP___TICONDEROGA 23804	159.46 8.55 -77.21	153.83 8.25 -73.79	145.12 8.14 -66.23	144.42 7.83 -66.05	157.51 8.14 -78.61	164.34 7.14 -83.57	202.32 8.28 -119.49	226.27 8.10 -144.54	237.34 8.28 -154.50	196.76 8.17 -114.34	172.99 8.57 -89.89	163.07 7.94 -82.25	162.02 7.43 -83.83	162.05 7.41 -84.02	159.84 8.00 -79.11	185.01 8.03 -104.62	247.50 8.67 -164.12	280.22 10.65 -182.97	267.58 9.64 -175.55	252.71 8.40 -169.99	265.41 8.60 -182.64	190.07 7.57 -111.07	178.12 7.42 -96.45	167.66 8.91 -84.50
ISLIP_RES_REC 323679	148.42 10.68 -64.03	136.81 10.34 -54.70	129.23 9.41 -49.07	128.71 9.24 -48.93	138.69 9.69 -58.24	146.17 10.60 -61.94	217.90 9.92 -133.43	223.01 10.23 -139.15	187.85 10.51 -102.78	157.64 10.02 -73.38	153.16 10.88 -67.75	153.09 10.56 -69.65	152.80 9.83 -72.22	147.88 9.60 -67.67	153.01 10.40 -69.89	162.77 9.99 -80.42	192.01 11.13 -106.16	264.56 12.73 -165.23	223.65 12.28 -128.98	216.48 11.00 -131.16	191.37 10.97 -106.23	187.90 9.79 -106.69	155.87 10.17 -71.45	151.26 10.99 -66.03
JAMAICA__27_KV_LOAD 355505	138.70 7.81 -57.18	133.83 7.39 -54.66	126.75 6.93 -49.05	126.16 6.70 -48.92	135.77 6.79 -58.22	142.74 7.22 -61.89	160.22 7.23 -78.43	188.12 7.44 -107.06	161.14 8.05 -78.53	155.92 8.32 -73.36	149.60 8.57 -66.50	147.89 8.31 -66.70	144.11 8.21 -65.15	144.18 8.19 -65.38	145.48 8.51 -64.25	157.95 8.10 -77.49	168.44 8.07 -85.66	195.91 9.70 -99.62	185.74 9.23 -94.12	172.57 8.25 -90.00	164.79 8.16 -82.47	158.79 7.71 -79.65	153.93 8.24 -71.44	145.67 8.84 -62.59
JANIS___SOLAR 323808	94.58 4.27 -16.60	91.44 3.80 -15.86	88.74 3.75 -14.24	88.06 3.32 -14.20	91.40 3.75 -16.90	95.94 4.34 -17.97	102.97 5.22 -23.19	109.78 5.08 -31.07	103.72 4.84 -24.32	100.38 4.45 -21.68	97.93 4.32 -19.08	94.74 3.93 -17.93	92.56 3.75 -18.05	92.42 3.67 -18.14	94.34 4.14 -17.47	98.98 4.12 -22.50	106.41 5.31 -26.39	123.79 6.76 -30.44	117.90 6.67 -28.84	107.54 5.58 -27.64	105.53 5.19 -26.17	98.94 4.29 -23.23	99.59 4.60 -20.74	97.02 4.60 -18.17
JARVIS____ 23743	74.44 0.74 0.00	72.42 0.64 0.00	71.39 0.64 0.00	71.17 0.63 0.00	71.39 0.64 0.00	74.44 0.81 0.00	75.38 0.82 0.00	74.36 0.74 0.00	75.38 0.82 0.00	75.06 0.82 0.00	75.34 0.82 0.00	73.68 0.80 0.00	71.54 0.78 0.00	71.32 0.71 0.00	73.53 0.80 0.00	73.08 0.72 0.00	75.61 0.90 0.00	87.64 1.04 0.00	83.38 0.99 0.00	75.14 0.82 0.00	74.98 0.82 0.00	72.21 0.79 0.00	75.14 0.89 0.00	75.14 0.89 0.00
JENNISON___1 23625	99.48 4.57 -21.21	96.14 4.09 -20.27	92.84 3.89 -18.19	92.21 3.53 -18.14	96.24 3.89 -21.59	100.93 4.34 -22.95	109.67 5.14 -29.96	118.34 5.01 -39.70	111.88 5.07 -32.25	107.05 4.75 -28.06	103.65 4.77 -24.35	100.28 4.52 -22.89	98.18 4.39 -23.04	98.00 4.24 -23.15	99.71 4.65 -22.33	105.95 4.85 -28.74	115.14 5.53 -34.90	133.51 6.84 -40.07	127.18 6.76 -38.03	116.55 5.72 -36.51	114.84 5.49 -35.18	105.83 4.64 -29.77	105.49 4.75 -26.49	102.36 4.90 -23.21
JENNISON___2 23626	99.48 4.57 -21.21	96.14 4.09 -20.27	92.84 3.89 -18.19	92.21 3.53 -18.14	96.24 3.89 -21.59	100.93 4.34 -22.95	109.67 5.14 -29.96	118.34 5.01 -39.70	111.88 5.07 -32.25	107.05 4.75 -28.06	103.65 4.77 -24.35	100.28 4.52 -22.89	98.18 4.39 -23.04	98.00 4.24 -23.15	99.71 4.65 -22.33	105.95 4.85 -28.74	115.14 5.53 -34.90	133.51 6.84 -40.07	127.18 6.76 -38.03	116.55 5.72 -36.51	114.84 5.49 -35.18	105.83 4.64 -29.77	105.49 4.75 -26.49	102.36 4.90 -23.21
JERICHO_RISE_WT_PWR 323719	70.83 -2.88 0.00	69.34 -2.44 0.00	68.35 -2.41 0.00	68.43 -2.11 0.00	68.35 -2.41 0.00	70.61 -3.02 0.00	71.13 -3.43 0.00	70.68 -2.95 0.00	71.28 -3.28 0.00	70.98 -3.27 0.00	71.24 -3.28 0.01	70.11 -2.77 0.00	68.21 -2.54 0.00	68.28 -2.33 0.00	69.89 -2.84 0.00	69.90 -2.46 0.00	71.28 -3.44 0.00	82.00 -4.59 0.00	77.94 -4.45 0.00	70.98 -3.34 0.00	70.83 -3.34 0.00	68.71 -2.71 0.00	70.68 -3.56 0.00	70.83 -3.41 0.00
KATONAH___115KV_46KV_TB4 355592	138.38 6.78 -57.89	133.57 6.46 -55.33	126.58 6.16 -49.66	126.06 6.00 -49.52	135.72 6.01 -58.95	142.84 6.55 -62.66	160.83 6.86 -79.42	188.94 6.92 -108.39	161.86 7.75 -79.55	156.55 8.02 -74.29	150.35 8.50 -67.33	148.65 8.23 -67.54	144.56 7.85 -65.95	144.49 7.70 -66.18	145.48 7.71 -65.04	158.24 7.45 -78.43	169.23 7.77 -86.75	196.76 9.27 -100.90	186.54 8.82 -95.33	173.29 7.80 -91.16	165.51 7.79 -83.56	159.35 7.29 -80.64	153.92 7.35 -72.33	145.11 7.50 -63.36
KCE_NY_1 323755	156.02 5.23 -77.08	150.47 5.02 -73.67	141.83 4.95 -66.12	141.34 4.86 -65.94	154.19 4.95 -78.48	161.84 4.78 -83.43	198.81 5.14 -119.11	222.86 4.93 -144.30	233.24 5.07 -153.61	193.25 5.05 -113.95	169.34 5.07 -89.74	159.89 4.88 -82.13	159.12 4.67 -83.70	159.16 4.66 -83.89	156.67 4.95 -79.00	181.79 4.99 -104.44	243.37 5.45 -163.21	275.12 6.50 -182.03	263.11 6.10 -174.62	248.81 5.42 -169.07	260.97 5.41 -181.39	187.19 4.92 -110.84	175.59 5.05 -96.29	164.02 5.42 -84.36
KCE_NY_6_ESR 323823	79.06 -4.87 -10.23	76.53 -5.03 -9.77	74.79 -4.74 -8.77	73.86 -5.43 -8.75	76.29 -4.88 -10.41	79.83 -4.86 -11.07	83.54 -5.07 -14.06	86.07 -6.70 -19.14	81.63 -7.08 -14.16	79.21 -7.20 -12.17	76.66 -7.45 -9.59	74.49 -7.43 -9.05	72.77 -7.08 -9.09	72.88 -7.20 -9.47	76.87 -6.62 -10.76	78.84 -7.38 -13.86	84.47 -5.68 -15.44	97.94 -6.58 -17.93	93.41 -5.93 -16.95	84.66 -5.87 -16.21	83.01 -6.08 -14.92	78.75 -6.93 -14.25	81.23 -5.79 -12.77	80.90 -4.53 -11.19
KEDC_PORT_JEFF_GT2 24210	147.97 10.24 -64.03	136.38 9.91 -54.70	128.81 8.99 -49.07	128.29 8.82 -48.93	138.26 9.27 -58.24	145.73 10.16 -61.94	235.64 9.47 -151.61	228.90 9.43 -145.85	188.66 9.99 -104.11	157.05 9.43 -73.38	152.56 10.29 -67.75	152.59 10.06 -69.65	152.31 9.34 -72.22	147.39 9.11 -67.67	152.43 9.81 -69.89	162.23 9.48 -80.39	191.41 10.54 -106.16	263.60 11.78 -165.23	222.66 11.29 -128.98	215.59 10.11 -131.16	190.78 10.38 -106.23	187.40 9.28 -106.69	155.42 9.72 -71.45	150.81 10.54 -66.03
KEDC_PORT_JEFF_GT3 24211	147.97 10.24 -64.03	136.38 9.91 -54.70	128.81 8.99 -49.07	128.29 8.82 -48.93	138.26 9.27 -58.24	145.73 10.16 -61.94	235.64 9.47 -151.61	228.90 9.43 -145.85	188.66 9.99 -104.11	157.05 9.43 -73.38	152.56 10.29 -67.75	152.59 10.06 -69.65	152.31 9.34 -72.22	147.39 9.11 -67.67	152.43 9.81 -69.89	162.23 9.48 -80.39	191.41 10.54 -106.16	263.60 11.78 -165.23	222.66 11.29 -128.98	215.59 10.11 -131.16	190.78 10.38 -106.23	187.40 9.28 -106.69	155.42 9.72 -71.45	150.81 10.54 -66.03
KEDC_GLWD_GT4 24219	145.39 7.67 -64.02	133.86 7.39 -54.69	126.68 6.86 -49.07	126.18 6.70 -48.93	135.93 6.94 -58.24	143.14 7.59 -61.93	160.39 7.38 -78.45	199.98 7.43 -118.92	181.23 7.90 -98.78	155.49 7.87 -73.38	150.84 8.57 -67.75	150.83 8.30 -69.65	150.90 7.92 -72.22	146.12 7.84 -67.67	150.98 8.36 -69.89	161.89 8.10 -81.43	189.24 8.37 -106.17	261.35 9.53 -165.23	220.35 8.98 -128.98	213.44 7.96 -131.16	188.34 7.94 -106.23	185.83 7.72 -106.69	153.79 8.09 -71.46	148.74 8.46 -66.03
KEDC_GLWD_GT5 24220	145.39 7.67 -64.02	133.86 7.39 -54.69	126.68 6.86 -49.07	126.18 6.70 -48.93	135.93 6.94 -58.24	143.14 7.59 -61.93	160.39 7.38 -78.45	199.98 7.43 -118.92	181.23 7.90 -98.78	155.49 7.87 -73.38	150.84 8.57 -67.75	150.83 8.30 -69.65	150.90 7.92 -72.22	146.12 7.84 -67.67	150.98 8.36 -69.89	161.89 8.10 -81.43	189.24 8.37 -106.17	261.35 9.53 -165.23	220.35 8.98 -128.98	213.44 7.96 -131.16	188.34 7.94 -106.23	185.83 7.72 -106.69	153.79 8.09 -71.46	148.74 8.46 -66.03

KENSICO____ 23655	137.12 6.34 -57.07	132.36 6.03 -54.55	125.45 5.73 -48.96	124.94 5.57 -48.82	134.53 5.66 -58.11	141.51 6.11 -61.77	159.02 6.19 -78.28	186.66 6.18 -106.85	159.42 6.49 -78.38	154.30 6.83 -73.22	148.13 7.23 -66.37	146.51 7.07 -66.57	142.64 6.86 -65.02	142.71 6.85 -65.25	143.97 7.13 -64.12	156.57 6.87 -77.34	167.23 7.02 -85.49	194.33 8.31 -99.42	184.24 7.91 -93.94	171.14 6.99 -89.83	163.37 6.90 -82.31	157.49 6.57 -79.49	152.30 6.76 -71.30	143.76 7.05 -62.47
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	136.27 7.74 -54.82	131.57 7.39 -52.40	124.86 7.08 -47.03	124.49 7.05 -46.90	133.72 7.15 -55.82	140.92 7.95 -59.34	158.20 7.98 -75.66	184.36 8.10 -102.63	159.80 8.28 -76.96	153.19 8.09 -70.86	146.40 8.12 -63.75	143.26 7.58 -62.81	139.89 7.29 -61.84	139.86 7.20 -62.05	140.86 7.64 -60.49	154.24 7.60 -74.28	167.17 8.67 -83.79	194.69 10.91 -97.18	184.52 10.22 -91.91	171.35 9.07 -87.96	164.38 8.68 -81.53	156.05 8.14 -76.48	150.82 8.09 -68.49	142.27 8.02 -60.00
KIAC_JFK_GT1 23816	138.19 7.30 -57.18	133.40 6.96 -54.66	126.25 6.44 -49.05	125.67 6.21 -48.92	135.28 6.30 -58.22	141.93 6.41 -61.89	159.47 6.49 -78.43	187.39 6.70 -107.06	160.39 7.31 -78.53	155.18 7.57 -73.36	148.78 7.75 -66.50	147.16 7.58 -66.70	143.33 7.43 -65.15	143.40 7.41 -65.38	144.76 7.78 -64.25	157.22 7.38 -77.49	167.62 7.25 -85.66	194.96 8.75 -99.62	184.83 8.32 -94.12	171.68 7.36 -90.00	163.98 7.34 -82.47	158.00 6.93 -79.65	153.11 7.42 -71.44	144.78 7.94 -62.59
KIAC_JFK_GT2 23817	138.19 7.30 -57.18	133.40 6.96 -54.66	126.25 6.44 -49.05	125.67 6.21 -48.92	135.28 6.30 -58.22	141.93 6.41 -61.89	159.47 6.49 -78.43	187.39 6.70 -107.06	160.39 7.31 -78.53	155.18 7.57 -73.36	148.78 7.75 -66.50	147.16 7.58 -66.70	143.33 7.43 -65.15	143.40 7.41 -65.38	144.76 7.78 -64.25	157.22 7.38 -77.49	167.62 7.25 -85.66	194.96 8.75 -99.62	184.83 8.32 -94.12	171.68 7.36 -90.00	163.98 7.34 -82.47	158.00 6.93 -79.65	153.11 7.42 -71.44	144.78 7.94 -62.59
KIAC_JFK____ 323774	137.90 7.01 -57.18	133.54 7.11 -54.66	126.39 6.58 -49.05	125.88 6.42 -48.92	135.49 6.51 -58.22	142.29 6.77 -61.89	159.47 6.48 -78.43	187.53 6.85 -107.06	160.40 7.31 -78.53	155.10 7.50 -73.36	148.78 7.75 -66.50	147.16 7.58 -66.70	143.12 7.22 -65.15	143.19 7.21 -65.38	144.68 7.71 -64.25	157.08 7.23 -77.49	168.07 7.70 -85.66	195.39 9.17 -99.62	185.08 8.57 -94.12	171.98 7.66 -90.00	164.35 7.71 -82.47	158.00 6.93 -79.65	153.41 7.72 -71.44	144.78 7.95 -62.59
KINTIGH____ 23543	77.95 -4.20 -8.45	75.62 -4.23 -8.08	73.83 -4.17 -7.25	73.18 -4.59 -7.23	75.18 -4.17 -8.60	78.58 -4.20 -9.15	81.69 -4.47 -11.60	83.56 -5.89 -15.82	80.10 -6.11 -11.65	79.35 -6.31 -11.42	79.34 -6.33 -11.14	76.75 -6.56 -10.44	74.98 -6.30 -10.52	74.61 -6.35 -10.35	76.09 -5.53 -8.89	78.38 -5.43 -11.45	82.57 -4.86 -12.71	95.82 -5.54 -14.77	91.16 -5.19 -13.96	82.54 -5.13 -13.35	81.68 -4.75 -12.26	77.34 -5.86 -11.77	79.60 -5.20 -10.56	79.33 -4.16 -9.25
KNTFSRNC_46_KV_46KV_LOAD 80397	72.08 -1.62 0.00	70.49 -1.29 0.00	69.55 -1.20 0.00	69.55 -0.99 0.00	69.48 -1.27 0.00	72.01 -1.62 0.00	72.17 -2.39 0.00	71.86 -1.77 0.00	72.32 -2.24 0.00	72.09 -2.15 0.00	72.14 -2.38 0.00	70.98 -1.89 0.00	69.06 -1.70 0.00	69.06 -1.55 0.00	70.69 -2.04 0.00	70.48 -1.88 0.00	72.40 -2.32 0.00	83.13 -3.46 0.00	79.01 -3.38 0.00	72.17 -2.16 0.00	71.79 -2.37 0.00	69.57 -1.86 0.00	71.72 -2.52 0.00	72.17 -2.08 0.00
LACHUTE__HYDRO 323717	159.46 8.55 -77.21	153.75 8.18 -73.79	145.05 8.06 -66.23	144.42 7.83 -66.05	157.50 8.13 -78.61	164.33 7.14 -83.57	202.32 8.27 -119.49	226.27 8.10 -144.54	237.34 8.27 -154.50	196.83 8.24 -114.34	172.91 8.49 -89.89	163.07 7.94 -82.25	162.23 7.64 -83.83	162.26 7.63 -84.02	159.84 8.00 -79.11	184.79 7.82 -104.62	247.50 8.66 -164.12	280.22 10.65 -182.97	267.66 9.72 -175.55	252.86 8.54 -169.99	265.33 8.53 -182.64	190.06 7.57 -111.07	178.12 7.42 -96.45	167.65 8.91 -84.50
LAWRNCV_115KV_TB1 80681	70.02 -3.69 0.00	68.98 -2.80 0.00	68.00 -2.76 0.00	68.00 -2.54 0.00	68.00 -2.76 0.00	70.17 -3.46 0.00	70.01 -4.55 0.00	70.24 -3.39 0.00	70.16 -4.40 0.00	70.09 -4.16 0.00	69.85 -4.47 0.21	69.89 -2.99 0.00	68.28 -2.48 0.00	68.35 -2.26 0.00	69.53 -3.20 0.00	69.25 -3.11 0.00	70.23 -4.48 0.00	80.71 -5.89 0.00	76.71 -5.69 0.00	70.01 -4.31 0.00	69.49 -4.67 0.00	68.64 -2.79 0.00	70.24 -4.01 0.00	70.01 -4.23 0.00
LEDERLE____ 23769	134.68 5.97 -55.01	130.03 5.67 -52.58	123.32 5.38 -47.19	122.82 5.22 -47.06	132.07 5.31 -56.01	138.98 5.82 -59.54	155.82 5.82 -75.45	182.43 5.82 -102.98	156.16 6.04 -75.56	151.13 6.31 -70.57	145.13 6.63 -63.97	143.30 6.41 -64.02	139.57 6.23 -62.59	139.63 6.21 -62.81	140.94 6.55 -61.66	153.19 6.30 -74.54	163.63 6.50 -82.42	190.24 7.79 -95.85	180.28 7.33 -90.56	167.46 6.54 -86.60	159.98 6.45 -79.36	154.12 6.07 -76.62	149.13 6.16 -68.72	140.84 6.39 -60.21
LIGHTHSE_115KV_TB6 355974	76.99 -0.96 -4.24	74.76 -1.08 -4.05	73.33 -1.06 -3.64	72.90 -1.27 -3.63	74.01 -1.06 -4.32	77.04 -1.18 -4.59	79.24 -0.82 -5.50	80.83 -0.74 -7.94	78.58 -0.67 -4.70	78.59 -0.74 -5.09	78.92 -0.52 -4.92	76.75 -0.66 -4.53	74.65 -0.71 -4.60	74.37 -0.85 -4.61	76.35 -0.73 -4.35	77.29 -0.80 -5.73	79.10 -0.82 -5.21	92.17 -0.69 -6.26	87.59 -0.66 -5.85	79.13 -0.74 -5.55	77.96 -0.67 -4.46	76.47 -0.79 -5.82	78.73 -0.82 -5.30	77.92 -0.97 -4.64
LINDEN COGEN____ 23786	59.40 6.78 21.08	59.16 6.46 19.08	56.37 6.01 20.40	56.94 5.85 19.45	59.80 5.94 16.90	62.04 6.55 18.14	63.04 6.18 17.70	67.43 6.40 12.60	67.43 7.01 14.13	65.62 7.28 15.91	70.32 7.68 11.89	69.33 7.51 11.05	68.28 7.14 9.62	66.21 7.06 11.46	65.02 7.63 15.34	70.47 7.23 9.12	71.97 7.62 10.37	71.96 8.84 23.47	71.96 8.32 18.75	71.71 7.36 9.97	71.71 7.42 9.87	71.71 6.79 6.51	64.26 7.28 17.27	57.99 7.72 23.98
LINDHRST_69_KV_BK1 356055	147.31 9.58 -64.02	135.73 9.26 -54.70	128.31 8.49 -49.07	127.72 8.25 -48.93	137.63 8.63 -58.24	145.06 9.50 -61.94	167.30 9.10 -83.65	203.67 9.20 -120.83	183.11 9.39 -99.15	157.13 9.50 -73.38	152.41 10.14 -67.75	152.44 9.91 -69.65	152.45 9.48 -72.22	147.67 9.39 -67.67	152.51 9.89 -69.89	162.69 9.62 -80.71	190.81 9.94 -106.16	263.86 12.04 -165.23	222.82 11.45 -128.98	215.74 10.26 -131.16	190.49 10.09 -106.23	187.40 9.29 -106.69	155.65 9.95 -71.46	150.60 10.32 -66.03
LIPA_MISC_IPP 23656	147.90 10.17 -64.03	136.31 9.83 -54.70	128.74 8.92 -49.07	128.15 8.68 -48.93	138.12 9.13 -58.24	145.58 10.01 -61.94	220.52 9.39 -136.57	223.36 9.42 -140.31	187.26 9.69 -103.01	156.76 9.13 -73.38	152.04 9.76 -67.75	152.07 9.55 -69.65	151.96 8.99 -72.22	147.03 8.76 -67.67	152.00 9.38 -69.89	161.79 9.04 -80.39	190.37 9.49 -106.16	263.00 11.17 -165.23	222.00 10.63 -128.98	215.30 9.81 -131.16	189.97 9.57 -106.23	186.83 8.71 -106.69	155.20 9.50 -71.45	150.45 10.17 -66.03
LISF__SOLAR 323691	148.19 10.46 -64.03	136.60 10.12 -54.70	128.95 9.13 -49.07	128.43 8.96 -48.93	138.41 9.41 -58.24	145.87 10.31 -61.94	221.22 9.55 -137.12	223.86 9.72 -140.51	187.67 10.06 -103.05	156.83 9.20 -73.38	152.27 9.99 -67.75	152.22 9.69 -69.65	151.96 8.99 -72.22	146.96 8.68 -67.67	152.06 9.45 -69.89	161.79 9.04 -80.39	191.11 10.24 -106.16	263.43 11.61 -165.23	222.49 11.12 -128.98	215.59 10.11 -131.16	190.48 10.08 -106.23	187.04 8.93 -106.69	155.05 9.35 -71.45	150.59 10.32 -66.03

LITTLE FALLS___HYD 24013	75.99 2.28 0.00	73.93 2.15 0.00	72.88 2.12 0.00	72.52 1.98 0.00	72.88 2.12 0.00	75.98 2.36 0.00	76.94 2.39 0.00	75.91 2.28 0.00	77.02 2.46 0.00	76.77 2.52 0.00	77.13 2.61 0.00	75.28 2.40 0.00	73.16 2.41 0.00	72.87 2.26 0.00	75.13 2.40 0.00	74.74 2.39 0.00	77.18 2.47 0.00	89.54 2.94 0.00	85.19 2.80 0.00	76.78 2.45 0.00	76.54 2.37 0.00	73.71 2.29 0.00	76.62 2.38 0.00	76.62 2.38 0.00
LITTLRIV_115KV_TB1 356100	71.13 -2.58 0.00	69.98 -1.79 0.00	68.99 -1.77 0.00	68.92 -1.62 0.00	68.92 -1.84 0.00	71.12 -2.50 0.00	71.13 -3.43 0.00	71.42 -2.21 0.00	71.35 -3.21 0.00	71.28 -2.97 0.00	70.97 -3.35 0.20	70.98 -1.89 0.00	69.34 -1.42 0.00	69.41 -1.20 0.00	70.62 -2.11 0.00	70.33 -2.03 0.00	71.43 -3.29 0.00	82.09 -4.50 0.00	78.11 -4.28 0.00	71.28 -3.05 0.00	70.76 -3.41 0.00	69.64 -1.79 0.00	71.28 -2.97 0.00	71.05 -3.19 0.00
LI_NEWBRDGE___DRP 323616	145.31 7.59 -64.02	133.86 7.39 -54.69	126.54 6.72 -49.07	126.03 6.56 -48.93	135.79 6.79 -58.24	143.07 7.51 -61.93	160.31 7.31 -78.45	199.76 7.22 -118.92	180.94 7.60 -98.78	155.20 7.57 -73.38	150.55 8.27 -67.75	150.62 8.09 -69.65	150.76 7.78 -72.22	145.98 7.70 -67.67	150.69 8.07 -69.89	160.18 7.74 -80.08	188.72 7.84 -106.16	261.26 9.44 -165.23	220.27 8.90 -128.98	213.44 7.95 -131.16	188.33 7.94 -106.23	185.47 7.36 -106.69	153.64 7.94 -71.45	148.52 8.24 -66.03
LOCKPORT_115KV_TB60_63_64 80432	77.24 -5.68 -9.21	74.91 -5.67 -8.81	73.14 -5.52 -7.90	72.29 -6.14 -7.88	74.55 -5.59 -9.38	77.78 -5.82 -9.97	81.10 -6.11 -12.66	83.07 -7.80 -17.25	79.24 -8.05 -12.73	77.04 -8.24 -11.04	75.01 -8.35 -8.83	72.68 -8.53 -8.33	70.92 -8.21 -8.37	71.03 -8.26 -8.68	75.00 -7.42 -9.69	77.68 -7.16 -12.49	82.02 -6.57 -13.88	95.28 -7.45 -16.13	90.63 -7.00 -15.24	82.07 -6.84 -14.58	81.19 -6.38 -13.40	76.69 -7.57 -12.84	79.00 -6.76 -11.51	78.76 -5.57 -10.08
LOCKPORT___CC1 323769	77.09 -5.90 -9.29	74.63 -6.03 -8.88	72.99 -5.73 -7.97	72.14 -6.35 -7.94	74.41 -5.80 -9.46	77.64 -6.04 -10.05	81.05 -6.26 -12.76	82.99 -8.02 -17.39	78.97 -8.43 -12.83	76.87 -8.47 -11.09	74.47 -8.87 -8.81	72.37 -8.82 -8.32	70.69 -8.42 -8.36	70.82 -8.48 -8.69	74.57 -7.93 -9.77	76.19 -8.76 -12.59	81.68 -7.03 -14.00	94.63 -8.23 -16.26	90.34 -7.42 -15.37	81.74 -7.28 -14.70	80.26 -7.42 -13.51	76.16 -8.21 -12.94	78.86 -6.98 -11.60	78.69 -5.72 -10.16
LOCKPORT___CC2 323770	77.09 -5.90 -9.29	74.63 -6.03 -8.88	72.99 -5.73 -7.97	72.14 -6.35 -7.94	74.41 -5.80 -9.46	77.64 -6.04 -10.05	81.05 -6.26 -12.76	82.99 -8.02 -17.39	78.97 -8.43 -12.83	76.87 -8.47 -11.09	74.47 -8.87 -8.81	72.37 -8.82 -8.32	70.69 -8.42 -8.36	70.82 -8.48 -8.69	74.57 -7.93 -9.77	76.19 -8.76 -12.59	81.68 -7.03 -14.00	94.63 -8.23 -16.26	90.34 -7.42 -15.37	81.74 -7.28 -14.70	80.26 -7.42 -13.51	76.16 -8.21 -12.94	78.86 -6.98 -11.60	78.69 -5.72 -10.16
LOCKPORT___CC3 323771	77.09 -5.90 -9.29	74.63 -6.03 -8.88	72.99 -5.73 -7.97	72.14 -6.35 -7.94	74.41 -5.80 -9.46	77.64 -6.04 -10.05	81.05 -6.26 -12.76	82.99 -8.02 -17.39	78.97 -8.43 -12.83	76.87 -8.47 -11.09	74.47 -8.87 -8.81	72.37 -8.82 -8.32	70.69 -8.42 -8.36	70.82 -8.48 -8.69	74.57 -7.93 -9.77	76.19 -8.76 -12.59	81.68 -7.03 -14.00	94.63 -8.23 -16.26	90.34 -7.42 -15.37	81.74 -7.28 -14.70	80.26 -7.42 -13.51	76.16 -8.21 -12.94	78.86 -6.98 -11.60	78.69 -5.72 -10.16
LONG_LAKE_PHOENIX 24014	76.75 -1.62 -4.67	74.52 -1.72 -4.46	73.06 -1.70 -4.00	72.70 -1.83 -3.99	73.81 -1.70 -4.75	77.06 -1.62 -5.05	79.27 -1.34 -6.05	80.89 -1.47 -8.74	78.31 -1.42 -5.17	78.29 -1.56 -5.60	78.39 -1.57 -5.43	76.04 -1.82 -4.99	73.91 -1.91 -5.07	73.71 -1.98 -5.08	75.70 -1.82 -4.79	76.86 -1.81 -6.31	78.81 -1.64 -5.74	91.76 -1.73 -6.89	87.19 -1.65 -6.44	78.72 -1.71 -6.11	77.52 -1.56 -4.91	76.05 -1.79 -6.41	78.44 -1.63 -5.83	77.65 -1.71 -5.11
LOVETT___3 23632	134.52 5.60 -55.22	129.87 5.31 -52.77	123.15 5.02 -47.37	122.71 4.94 -47.23	132.00 5.02 -56.22	138.84 5.45 -59.76	155.74 5.44 -75.74	182.38 5.37 -103.37	155.99 5.59 -75.85	150.95 5.87 -70.84	145.00 6.26 -64.21	143.20 6.05 -64.27	139.46 5.87 -62.83	139.52 5.86 -63.05	140.82 6.18 -61.91	153.11 5.93 -74.82	163.49 6.05 -82.73	189.99 7.19 -96.21	180.13 6.84 -90.90	167.34 6.09 -86.92	159.76 5.93 -79.66	153.98 5.64 -76.91	149.02 5.79 -68.98	140.69 6.01 -60.43
LOVETT___4 23642	134.52 5.60 -55.22	129.87 5.31 -52.77	123.15 5.02 -47.37	122.71 4.94 -47.23	132.00 5.02 -56.22	138.84 5.45 -59.76	155.74 5.44 -75.74	182.38 5.37 -103.37	155.99 5.59 -75.85	150.95 5.87 -70.84	145.00 6.26 -64.21	143.20 6.05 -64.27	139.46 5.87 -62.83	139.52 5.86 -63.05	140.82 6.18 -61.91	153.11 5.93 -74.82	163.49 6.05 -82.73	189.99 7.19 -96.21	180.13 6.84 -90.90	167.34 6.09 -86.92	159.76 5.93 -79.66	153.98 5.64 -76.91	149.02 5.79 -68.98	140.69 6.01 -60.43
LOVETT___5 23593	134.52 5.60 -55.22	129.87 5.31 -52.77	123.15 5.02 -47.37	122.71 4.94 -47.23	132.00 5.02 -56.22	138.84 5.45 -59.76	155.74 5.44 -75.74	182.38 5.37 -103.37	155.99 5.59 -75.85	150.95 5.87 -70.84	145.00 6.26 -64.21	143.20 6.05 -64.27	139.46 5.87 -62.83	139.52 5.86 -63.05	140.82 6.18 -61.91	153.11 5.93 -74.82	163.49 6.05 -82.73	189.99 7.19 -96.21	180.13 6.84 -90.90	167.34 6.09 -86.92	159.76 5.93 -79.66	153.98 5.64 -76.91	149.02 5.79 -68.98	140.69 6.01 -60.43
LOWER RAQUET___HYD 24057	69.58 -4.13 0.00	68.62 -3.16 0.00	67.64 -3.11 0.00	67.65 -2.90 0.00	67.64 -3.11 0.00	69.51 -4.12 0.00	69.71 -4.85 0.00	69.88 -3.75 0.00	69.93 -4.62 0.00	69.86 -4.38 0.00	69.94 -4.40 0.19	69.82 -3.06 0.00	68.07 -2.69 0.00	68.14 -2.47 0.00	69.74 -2.98 0.00	69.76 -2.60 0.00	69.93 -4.78 0.00	80.45 -6.15 0.00	76.46 -5.93 0.00	69.94 -4.39 0.00	69.79 -4.38 0.00	68.43 -3.00 0.00	69.64 -4.60 0.00	69.49 -4.75 0.00
LOWER___HUDSON 24059	153.58 4.13 -75.75	148.12 3.95 -72.40	139.77 4.03 -64.98	139.29 3.95 -64.80	151.92 4.03 -77.13	159.66 4.05 -81.99	193.68 4.25 -114.87	219.49 4.05 -141.81	221.98 4.25 -143.17	188.09 4.30 -109.54	166.96 4.25 -88.19	157.91 4.08 -80.96	157.17 4.03 -82.38	157.14 3.95 -82.58	154.81 4.22 -77.87	179.19 4.20 -102.64	231.81 4.48 -152.61	262.90 5.20 -171.10	251.24 5.03 -163.82	237.15 4.46 -158.37	245.43 4.45 -166.81	184.00 4.21 -108.36	173.26 4.38 -94.63	161.38 4.23 -82.91
LOWVILLE_115KV_TB2 356335	75.92 0.07 -2.14	73.82 0.00 -2.04	72.45 -0.14 -1.83	72.09 -0.28 -1.83	72.86 -0.07 -2.17	75.94 0.00 -2.31	77.78 0.45 -2.77	78.51 0.88 -4.00	77.82 0.89 -2.37	77.62 0.82 -2.56	77.78 0.82 -2.43	76.03 0.87 -2.28	73.98 0.92 -2.31	73.77 0.85 -2.31	75.71 0.80 -2.18	76.24 1.01 -2.87	78.30 0.97 -2.61	91.05 1.30 -3.15	86.58 1.24 -2.95	78.16 1.04 -2.79	77.23 0.82 -2.25	75.00 0.64 -2.93	77.21 0.30 -2.67	76.58 0.00 -2.34
LUTHERFT_115KV_GLOB_FND_222 355753	155.94 5.16 -77.08	150.40 4.95 -73.67	141.83 4.95 -66.12	141.27 4.80 -65.94	154.19 4.95 -78.48	161.77 4.71 -83.43	198.74 5.07 -119.11	222.79 4.86 -144.30	233.23 5.07 -153.61	193.17 4.97 -113.95	169.33 5.07 -89.74	159.82 4.81 -82.13	159.05 4.60 -83.70	159.02 4.52 -83.89	156.67 4.95 -79.00	181.87 5.06 -104.44	243.30 5.38 -163.21	275.03 6.41 -182.03	263.02 6.01 -174.62	248.67 5.28 -169.07	260.97 5.41 -181.39	187.19 4.93 -110.84	175.51 4.97 -96.29	163.95 5.35 -84.36

LUTHERNY_35_KV_BK2 355980	156.02 5.23 -77.08	150.47 5.02 -73.67	141.90 5.02 -66.12	141.34 4.87 -65.94	154.26 5.02 -78.48	161.84 4.79 -83.43	198.81 5.14 -119.11	222.86 4.93 -144.30	233.31 5.14 -153.61	193.24 5.05 -113.95	169.41 5.14 -89.74	159.89 4.88 -82.13	159.12 4.67 -83.70	159.09 4.59 -83.89	156.74 5.02 -79.00	181.94 5.14 -104.44	243.38 5.45 -163.21	275.12 6.49 -182.03	263.11 6.10 -174.62	248.74 5.35 -169.07	261.05 5.49 -181.39	187.26 5.00 -110.84	175.59 5.05 -96.29	164.03 5.42 -84.36
LWR___OSWEGATCHIE_HYD 23850	72.55 -2.73 -1.57	70.91 -2.37 -1.50	69.70 -2.41 -1.35	69.56 -2.33 -1.35	70.02 -2.33 -1.60	72.68 -2.65 -1.70	73.69 -2.91 -2.04	74.51 -2.06 -2.95	73.76 -2.53 -1.74	73.68 -2.45 -1.89	73.62 -2.61 -1.70	72.73 -1.82 -1.68	70.90 -1.56 -1.70	70.83 -1.48 -1.71	72.37 -1.96 -1.61	72.60 -1.88 -2.12	74.10 -2.54 -1.93	85.72 -3.20 -2.32	81.51 -3.05 -2.17	73.93 -2.45 -2.06	73.08 -2.74 -1.65	71.66 -1.93 -2.16	73.46 -2.75 -1.97	72.92 -3.04 -1.72
LYONS_FALL_HYD 23570	76.76 1.03 -2.03	74.65 0.93 -1.94	73.35 0.85 -1.74	72.98 0.71 -1.73	73.67 0.85 -2.06	76.85 1.03 -2.19	78.68 1.49 -2.63	79.12 1.69 -3.79	78.59 1.79 -2.24	78.46 1.78 -2.43	78.64 1.79 -2.32	76.79 1.75 -2.17	74.64 1.70 -2.18	74.43 1.63 -2.19	76.47 1.67 -2.07	76.89 1.81 -2.72	79.06 1.87 -2.48	91.93 2.34 -2.99	87.49 2.30 -2.80	78.90 1.93 -2.65	78.01 1.71 -2.13	75.64 1.43 -2.78	78.04 1.26 -2.53	77.58 1.12 -2.22
MADISON___COUNTY_LFGE 323628	80.09 2.73 -3.65	77.78 2.51 -3.49	76.37 2.48 -3.13	75.85 2.19 -3.13	76.95 2.48 -3.72	80.45 2.87 -3.95	82.73 3.43 -4.74	83.78 3.31 -6.84	82.18 3.58 -4.05	82.04 3.42 -4.38	82.20 3.43 -4.24	79.99 3.21 -3.90	77.80 3.11 -3.93	77.51 2.97 -3.94	79.64 3.20 -3.71	80.58 3.33 -4.89	82.67 3.51 -4.45	96.23 4.24 -5.39	91.47 4.04 -5.04	82.52 3.42 -4.78	81.27 3.26 -3.84	79.23 2.79 -5.02	81.63 2.82 -4.56	81.07 2.82 -4.00
MALONE___115KV_TB1 356076	71.79 -1.92 0.00	70.27 -1.51 0.00	69.34 -1.42 0.00	69.34 -1.20 0.00	69.34 -1.42 0.00	71.71 -1.91 0.00	72.10 -2.46 0.00	72.01 -1.62 0.00	72.32 -2.24 0.00	72.09 -2.15 0.00	72.08 -2.38 0.06	71.27 -1.60 0.00	69.41 -1.34 0.00	69.41 -1.20 0.00	70.98 -1.75 0.00	70.69 -1.66 0.00	72.47 -2.24 0.00	83.05 -3.55 0.00	78.93 -3.46 0.00	72.17 -2.16 0.00	71.79 -2.37 0.00	69.78 -1.64 0.00	71.80 -2.45 0.00	71.80 -2.45 0.00
MAPLEWOD_115KV_TB3 80458	152.96 3.83 -75.42	147.60 3.73 -72.09	139.21 3.75 -64.70	138.73 3.67 -64.52	151.30 3.75 -76.79	159.16 3.90 -81.63	190.38 4.03 -111.79	218.66 3.83 -141.20	211.93 4.03 -133.34	184.49 4.08 -106.16	166.43 4.10 -87.81	157.21 4.01 -80.32	156.52 3.89 -81.88	156.56 3.88 -82.07	153.98 4.00 -77.26	178.39 3.83 -102.20	221.49 4.03 -142.74	252.43 4.68 -161.15	240.74 4.45 -153.90	226.73 3.94 -148.47	230.65 3.93 -152.55	182.36 3.71 -107.22	172.55 4.08 -94.22	160.65 3.86 -82.55
MAPLE_RIDGE_WT_1 323574	72.82 -0.88 0.00	71.06 -0.72 0.00	70.05 -0.71 0.00	69.91 -0.64 0.00	70.05 -0.71 0.00	72.38 -1.25 0.00	73.22 -1.34 0.00	72.67 -0.96 0.00	73.51 -1.04 0.00	73.28 -0.97 0.00	73.56 -0.97 -0.01	71.93 -0.95 0.00	69.77 -0.99 0.00	69.55 -1.06 0.00	71.49 -1.24 0.00	71.13 -1.23 0.00	73.14 -1.57 0.00	84.61 -1.99 0.00	80.41 -1.98 0.00	72.69 -1.64 0.00	72.53 -1.63 0.00	70.07 -1.36 0.00	72.61 -1.63 0.00	72.46 -1.78 0.00
MAPLE_RIDGE_WT_2 323611	72.82 -0.88 0.00	71.06 -0.72 0.00	70.05 -0.71 0.00	69.91 -0.64 0.00	70.05 -0.71 0.00	72.38 -1.25 0.00	73.22 -1.34 0.00	72.67 -0.96 0.00	73.51 -1.04 0.00	73.28 -0.97 0.00	73.56 -0.97 -0.01	71.93 -0.95 0.00	69.77 -0.99 0.00	69.55 -1.06 0.00	71.49 -1.24 0.00	71.13 -1.23 0.00	73.14 -1.57 0.00	84.61 -1.99 0.00	80.41 -1.98 0.00	72.69 -1.64 0.00	72.53 -1.63 0.00	70.07 -1.36 0.00	72.61 -1.63 0.00	72.46 -1.78 0.00
MARBLE_RIVER_WT_PWR 323696	70.98 -2.73 0.00	69.48 -2.30 0.00	68.49 -2.27 0.00	68.49 -2.05 0.00	68.49 -2.27 0.00	70.75 -2.87 0.00	71.20 -3.35 0.00	70.83 -2.80 0.00	71.35 -3.20 0.00	71.13 -3.12 0.00	71.33 -3.20 -0.01	70.18 -2.69 0.00	68.28 -2.48 0.00	68.28 -2.33 0.00	70.04 -2.69 0.00	69.97 -2.39 0.00	71.35 -3.36 0.00	82.09 -4.51 0.00	78.02 -4.37 0.00	71.13 -3.19 0.00	70.98 -3.19 0.00	68.79 -2.64 0.00	70.76 -3.49 0.00	71.05 -3.19 0.00
MARSHVLE_115KV_TB1 80742	165.34 5.38 -86.25	159.24 5.02 -82.44	149.63 4.88 -73.99	148.98 4.66 -73.78	163.60 5.02 -87.82	172.50 5.52 -93.35	210.19 6.04 -129.59	240.99 5.89 -161.48	238.86 5.59 -158.72	202.40 4.83 -123.33	179.71 4.84 -100.33	169.10 4.30 -91.93	168.28 3.89 -93.63	168.43 3.95 -93.86	165.80 4.58 -88.49	194.58 5.35 -116.87	250.30 6.13 -169.46	284.91 7.79 -190.52	271.87 7.25 -182.23	256.66 6.32 -176.02	264.23 6.45 -183.61	200.49 6.00 -123.07	187.79 5.79 -107.75	174.36 5.72 -94.40
MARSH_HILL_WT_PWR 323713	82.55 -3.98 -12.82	79.95 -4.09 -12.25	77.86 -3.89 -11.00	76.99 -4.52 -10.97	79.92 -3.89 -13.06	83.90 -3.61 -13.88	89.30 -2.91 -17.65	93.73 -3.90 -24.00	88.14 -4.25 -17.83	85.58 -4.68 -16.01	83.02 -5.22 -13.71	80.39 -5.39 -12.91	78.36 -5.38 -12.99	78.38 -5.44 -13.21	81.27 -4.95 -13.49	84.46 -5.28 -17.38	90.34 -3.81 -19.43	105.17 -3.98 -22.56	100.01 -3.71 -21.33	90.86 -3.87 -20.40	88.98 -4.01 -18.82	84.52 -4.78 -17.87	85.95 -4.31 -16.02	84.49 -3.78 -14.03
MCINTYRE_115KV_TB2 80467	71.94 -1.77 0.00	70.77 -1.00 0.00	69.77 -0.99 0.00	69.77 -0.78 0.00	69.84 -0.92 0.00	72.08 -1.55 0.00	72.10 -2.46 0.00	72.30 -1.33 0.00	72.17 -2.39 0.00	72.09 -2.15 0.00	71.85 -2.46 0.22	71.78 -1.09 0.00	70.12 -0.64 0.00	70.12 -0.49 0.00	71.42 -1.31 0.00	71.13 -1.23 0.00	72.32 -2.39 0.00	83.13 -3.46 0.00	79.18 -3.21 0.00	72.32 -2.01 0.00	71.72 -2.45 0.00	70.57 -0.86 0.00	72.24 -2.00 0.00	72.09 -2.15 0.00
MECO_____69_KV_BK1 80468	164.03 7.22 -83.10	158.09 6.89 -79.42	148.83 6.79 -71.28	148.12 6.49 -71.09	162.23 6.86 -84.61	171.01 7.44 -89.94	209.53 8.28 -126.69	237.15 7.95 -155.57	241.71 7.68 -159.48	202.12 6.98 -120.89	178.14 6.93 -96.68	167.71 6.34 -88.49	166.88 5.94 -90.18	166.87 5.86 -90.40	164.45 6.55 -85.18	192.12 7.16 -112.60	252.61 8.07 -169.83	286.85 10.13 -190.12	273.91 9.39 -182.13	258.72 8.25 -176.15	269.17 8.46 -186.55	198.26 7.79 -119.05	185.63 7.57 -103.81	172.77 7.57 -90.95
MENANDS___115KV_TB5 355628	152.57 3.61 -75.25	147.22 3.52 -71.92	138.77 3.47 -64.55	138.37 3.46 -64.37	150.84 3.47 -76.62	158.76 3.68 -81.45	189.23 3.73 -110.94	217.97 3.46 -140.88	209.21 3.73 -130.92	183.29 3.79 -105.26	165.94 3.80 -87.61	156.71 3.72 -80.12	156.04 3.61 -81.68	156.08 3.60 -81.86	153.35 3.56 -77.06	177.72 3.40 -101.96	218.60 3.59 -140.30	249.34 4.07 -158.67	237.70 3.87 -151.43	223.76 3.42 -146.02	226.74 3.49 -149.09	181.60 3.36 -106.82	172.04 3.79 -94.01	160.17 3.56 -82.36
MG INDUSTRY___DRP 24185	150.24 3.24 -73.29	145.06 3.23 -70.05	136.81 3.18 -62.87	136.34 3.10 -62.69	148.56 3.18 -74.62	156.27 3.31 -79.32	181.84 3.36 -103.93	213.85 3.02 -137.21	190.48 3.13 -112.79	175.17 3.04 -97.88	162.91 3.06 -85.33	153.85 2.92 -78.06	153.15 2.83 -79.57	153.19 2.82 -79.75	150.65 2.84 -75.08	174.49 2.82 -99.31	199.63 2.99 -121.92	229.97 3.55 -139.82	218.46 3.30 -132.77	204.79 2.97 -127.49	200.77 3.04 -123.56	177.32 2.93 -102.96	169.14 3.34 -91.56	157.65 3.19 -80.21

MID___OSWEGATCHIE_HYD 23849	72.55 -2.73 -1.57	70.91 -2.37 -1.50	69.70 -2.41 -1.35	69.56 -2.33 -1.35	70.02 -2.33 -1.60	72.68 -2.65 -1.70	73.69 -2.91 -2.04	74.51 -2.06 -2.95	73.76 -2.53 -1.74	73.68 -2.45 -1.89	73.62 -2.61 -1.70	72.73 -1.82 -1.68	70.90 -1.56 -1.70	70.83 -1.48 -1.71	72.37 -1.96 -1.61	72.60 -1.88 -2.12	74.10 -2.54 -1.93	85.72 -3.20 -2.32	81.51 -3.05 -2.17	73.93 -2.45 -2.06	73.08 -2.74 -1.65	71.66 -1.93 -2.16	73.46 -2.75 -1.97	72.92 -3.04 -1.72
MID___RAQUETTE_HYD 23851	69.73 -3.98 0.00	68.62 -3.16 0.00	67.64 -3.11 0.00	67.65 -2.89 0.00	67.64 -3.11 0.00	69.80 -3.83 0.00	69.71 -4.85 0.00	69.95 -3.68 0.00	69.93 -4.62 0.00	69.86 -4.38 0.00	69.57 -4.77 0.19	69.60 -3.28 0.00	68.00 -2.76 0.00	68.07 -2.54 0.00	69.24 -3.49 0.00	68.96 -3.40 0.00	70.01 -4.71 0.00	80.36 -6.23 0.00	76.46 -5.93 0.00	69.79 -4.53 0.00	69.27 -4.90 0.00	68.28 -3.14 0.00	69.94 -4.31 0.00	69.72 -4.53 0.00
MILLIKEN___1 23584	88.17 1.92 -12.55	85.35 1.58 -11.99	83.15 1.63 -10.76	82.54 1.27 -10.73	85.09 1.56 -12.78	89.20 1.99 -13.58	94.42 2.53 -17.33	99.47 2.36 -23.49	94.54 2.31 -17.67	92.50 2.08 -16.18	91.00 2.01 -14.46	88.21 1.75 -13.59	86.07 1.63 -13.68	85.91 1.55 -13.74	87.90 1.96 -13.21	91.39 2.03 -17.01	96.57 2.61 -19.24	112.35 3.46 -22.29	106.86 3.38 -21.09	97.18 2.68 -20.18	95.57 2.67 -18.74	90.86 1.93 -17.51	92.00 2.08 -15.67	90.13 2.15 -13.73
MILLIKEN___2 23585	88.17 1.92 -12.55	85.35 1.58 -11.99	83.15 1.63 -10.76	82.54 1.27 -10.73	85.09 1.56 -12.78	89.20 1.99 -13.58	94.42 2.53 -17.33	99.47 2.36 -23.49	94.54 2.31 -17.67	92.50 2.08 -16.18	91.00 2.01 -14.46	88.21 1.75 -13.59	86.07 1.63 -13.68	85.91 1.55 -13.74	87.90 1.96 -13.21	91.39 2.03 -17.01	96.57 2.61 -19.24	112.35 3.46 -22.29	106.86 3.38 -21.09	97.18 2.68 -20.18	95.57 2.67 -18.74	90.86 1.93 -17.51	92.00 2.08 -15.67	90.13 2.15 -13.73
MILLIKEN___DIESEL 23629	88.17 1.92 -12.55	85.35 1.58 -11.99	83.15 1.63 -10.76	82.54 1.27 -10.73	85.09 1.56 -12.78	89.20 1.99 -13.58	94.42 2.53 -17.33	99.47 2.36 -23.49	94.54 2.31 -17.67	92.50 2.08 -16.18	91.00 2.01 -14.46	88.21 1.75 -13.59	86.07 1.63 -13.68	85.91 1.55 -13.74	87.90 1.96 -13.21	91.39 2.03 -17.01	96.57 2.61 -19.24	112.35 3.46 -22.29	106.86 3.38 -21.09	97.18 2.68 -20.18	95.57 2.67 -18.74	90.86 1.93 -17.51	92.00 2.08 -15.67	90.13 2.15 -13.73
MILLSEAT___LFGE 323607	78.74 -3.91 -8.94	76.23 -4.09 -8.54	74.53 -3.89 -7.67	73.67 -4.52 -7.65	75.90 -3.96 -9.10	79.25 -4.05 -9.68	82.81 -4.03 -12.28	84.99 -5.37 -16.74	81.16 -5.74 -12.34	79.29 -5.79 -10.84	77.14 -6.26 -8.87	74.97 -6.27 -8.36	73.22 -5.94 -8.40	73.20 -6.07 -8.66	76.60 -5.53 -9.40	78.25 -6.22 -12.12	83.69 -5.02 -13.46	97.21 -5.02 -15.64	92.72 -4.45 -14.78	83.85 -4.61 -14.14	82.34 -4.82 -12.99	78.10 -5.78 -12.46	80.81 -4.60 -11.17	80.25 -3.78 -9.78
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	136.76 6.19 -56.86	132.01 5.89 -54.35	125.12 5.59 -48.78	124.61 5.43 -48.64	134.17 5.52 -57.89	141.13 5.96 -61.54	158.51 5.96 -77.99	186.04 5.96 -106.45	158.91 6.26 -78.09	153.80 6.61 -72.95	147.66 7.01 -66.12	145.96 6.78 -66.30	142.17 6.65 -64.77	142.17 6.57 -65.00	143.50 6.91 -63.86	156.06 6.66 -77.05	166.68 6.80 -85.17	193.70 8.05 -99.05	183.64 7.66 -93.59	170.58 6.76 -89.49	162.92 6.75 -82.00	156.98 6.36 -79.19	151.81 6.53 -71.03	143.23 6.76 -62.23
MILLWOOD_13_KV_LOAD 356217	136.90 6.34 -56.86	132.15 6.03 -54.35	125.26 5.73 -48.78	124.75 5.57 -48.64	134.31 5.66 -57.89	141.28 6.11 -61.54	158.81 6.26 -77.99	186.34 6.26 -106.45	159.20 6.56 -78.09	154.10 6.90 -72.95	147.96 7.30 -66.12	146.32 7.14 -66.30	142.46 6.93 -64.77	142.46 6.85 -65.00	143.79 7.20 -63.86	156.35 6.95 -77.05	166.98 7.10 -85.17	194.14 8.49 -99.05	183.97 7.99 -93.59	170.88 7.06 -89.49	163.22 7.05 -82.00	157.26 6.64 -79.19	152.04 6.76 -71.03	143.46 6.98 -62.23
MODEL_CITY_ENERGY 24167	76.76 -6.34 -9.39	74.30 -6.46 -8.98	72.73 -6.09 -8.06	71.80 -6.77 -8.03	74.09 -6.23 -9.56	77.31 -6.48 -10.17	80.61 -6.86 -12.91	82.60 -8.61 -17.58	78.59 -8.95 -12.98	76.33 -9.06 -11.15	73.82 -9.47 -8.76	71.74 -9.40 -8.27	70.07 -8.99 -8.31	70.24 -9.04 -8.66	74.17 -8.43 -9.88	75.75 -9.33 -12.73	81.25 -7.62 -14.16	94.13 -8.92 -16.45	89.87 -8.07 -15.54	81.39 -7.80 -14.87	79.83 -8.01 -13.67	75.73 -8.79 -13.09	78.48 -7.50 -11.73	78.29 -6.24 -10.28
MODERN_LFGE___ 323580	76.76 -6.34 -9.39	74.30 -6.46 -8.98	72.73 -6.09 -8.06	71.80 -6.77 -8.03	74.09 -6.23 -9.56	77.31 -6.48 -10.17	80.61 -6.86 -12.91	82.60 -8.61 -17.58	78.59 -8.95 -12.98	76.33 -9.06 -11.15	73.82 -9.47 -8.76	71.74 -9.40 -8.27	70.07 -8.99 -8.31	70.24 -9.04 -8.66	74.17 -8.43 -9.88	75.75 -9.33 -12.73	81.25 -7.62 -14.16	94.13 -8.92 -16.45	89.87 -8.07 -15.54	81.39 -7.80 -14.87	79.83 -8.01 -13.67	75.73 -8.79 -13.09	78.48 -7.50 -11.73	78.29 -6.24 -10.28
MOHAWK_PAPER___DRP 24187	152.96 3.83 -75.42	147.60 3.73 -72.09	139.21 3.75 -64.70	138.73 3.67 -64.52	151.30 3.75 -76.79	159.16 3.90 -81.63	190.38 4.03 -111.79	218.66 3.83 -141.20	211.93 4.03 -133.34	184.49 4.08 -106.16	166.43 4.10 -87.81	157.21 4.01 -80.32	156.52 3.89 -81.88	156.56 3.88 -82.07	153.98 4.00 -77.26	178.39 3.83 -102.20	221.49 4.03 -142.74	252.43 4.68 -161.15	240.74 4.45 -153.90	226.73 3.94 -148.47	230.65 3.93 -152.55	182.36 3.71 -107.22	172.55 4.08 -94.22	160.65 3.86 -82.55
MOHICAN___35_KV_115KV_LD 80490	157.05 6.19 -77.15	151.48 5.96 -73.74	142.81 5.87 -66.19	142.26 5.71 -66.00	155.26 5.94 -78.56	162.00 4.86 -83.51	199.33 5.44 -119.33	223.37 5.30 -144.44	234.20 5.52 -154.13	193.84 5.42 -114.18	169.94 5.59 -89.83	160.33 5.25 -82.20	159.41 4.88 -83.77	159.45 4.87 -83.97	157.10 5.31 -79.07	182.33 5.43 -104.55	244.36 5.90 -163.74	276.36 7.19 -182.58	264.15 6.59 -175.16	249.73 5.80 -169.61	262.15 5.86 -182.12	187.61 5.21 -110.97	175.75 5.12 -96.39	165.15 6.46 -84.44
MONGAUP___HYD 23641	131.30 5.38 -52.22	126.79 5.10 -49.91	120.43 4.88 -44.80	120.01 4.80 -44.67	128.81 4.88 -53.17	135.67 5.52 -56.52	150.89 4.70 -71.63	176.25 4.86 -97.76	151.16 4.84 -71.76	146.00 4.76 -67.00	140.61 5.37 -60.72	138.55 5.10 -60.57	134.80 4.74 -59.31	134.86 4.73 -59.51	136.24 5.16 -58.35	148.18 5.06 -70.76	158.43 5.45 -78.26	184.37 6.76 -91.01	174.73 6.34 -85.99	162.13 5.58 -82.23	155.62 6.08 -75.37	149.74 5.57 -72.74	145.12 5.64 -65.24	136.97 5.57 -57.15
MONTAUK___DIESEL 23721	148.42 10.69 -64.03	136.74 10.26 -54.70	129.09 9.27 -49.07	128.57 9.10 -48.93	138.55 9.55 -58.24	146.17 10.60 -61.94	221.58 10.07 -136.96	223.36 9.28 -140.45	188.18 10.59 -103.04	157.27 9.65 -73.38	151.59 9.32 -67.75	151.56 9.04 -69.65	151.32 8.35 -72.22	146.40 8.12 -67.67	151.41 8.80 -69.89	161.43 8.68 -80.39	190.29 9.41 -106.16	261.61 9.79 -165.23	220.68 9.31 -128.98	215.44 9.96 -131.16	190.04 9.64 -106.23	186.76 8.64 -106.69	154.91 9.21 -71.45	151.04 10.77 -66.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	80.44 -3.98 -10.72	77.93 -4.09 -10.24	76.06 -3.89 -9.19	75.12 -4.59 -9.17	77.78 -3.89 -10.91	81.54 -3.68 -11.60	85.86 -3.43 -14.74	88.83 -4.86 -20.06	84.19 -5.22 -14.85	81.60 -5.49 -12.85	79.35 -5.44 -10.26	77.02 -5.54 -9.68	75.11 -5.38 -9.73	75.20 -5.51 -10.10	79.20 -4.80 -11.28	82.32 -4.56 -14.53	87.10 -3.81 -16.19	101.33 -4.07 -18.81	96.21 -3.95 -17.78	87.24 -4.09 -17.00	85.97 -3.86 -15.66	81.22 -5.14 -14.94	83.25 -4.38 -13.39	82.71 -3.27 -11.73

MORRIS_RIDGE___SOLAR 323848	82.30 -3.76 -12.35	79.64 -3.95 -11.81	77.67 -3.68 -10.60	76.80 -4.31 -10.57	79.58 -3.75 -12.58	83.39 -3.61 -13.37	88.13 -3.43 -17.00	92.12 -4.64 -23.13	86.73 -4.99 -17.17	84.14 -5.35 -15.24	81.59 -5.74 -12.80	79.10 -5.83 -12.06	77.22 -5.66 -12.13	77.30 -5.72 -12.40	80.56 -5.16 -13.00	83.46 -5.64 -16.74	89.31 -4.11 -18.71	103.81 -4.51 -21.72	98.81 -4.12 -20.53	89.73 -4.23 -19.64	87.90 -4.38 -18.11	83.58 -5.07 -17.22	85.37 -4.31 -15.43	84.20 -3.56 -13.52
MORTIMER_115KV_TB3 55949	79.12 -2.21 -7.63	76.77 -2.30 -7.29	75.04 -2.26 -6.55	74.39 -2.68 -6.53	76.26 -2.26 -7.77	79.68 -2.21 -8.26	82.94 -2.09 -10.47	85.11 -2.80 -14.28	82.14 -2.91 -10.49	81.08 -3.04 -9.88	80.47 -3.13 -9.07	78.03 -3.35 -8.51	76.15 -3.18 -8.57	75.79 -3.39 -8.57	77.99 -2.76 -8.02	80.09 -2.60 -10.34	84.07 -2.09 -11.45	97.74 -2.16 -13.31	92.99 -1.98 -12.57	84.12 -2.23 -12.03	83.19 -2.00 -11.03	79.13 -2.93 -10.63	81.25 -2.52 -9.53	80.52 -2.08 -8.35
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	137.83 6.93 -57.19	132.97 6.53 -54.66	125.97 6.16 -49.06	125.46 6.00 -48.92	135.07 6.09 -58.23	142.08 6.55 -61.90	159.56 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	154.97 7.35 -73.37	148.86 7.83 -66.51	147.24 7.65 -66.71	143.41 7.50 -65.15	143.48 7.48 -65.39	144.76 7.78 -64.26	157.31 7.45 -77.50	167.85 7.47 -85.67	195.06 8.83 -99.63	184.92 8.40 -94.13	171.77 7.43 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.66	152.97 7.28 -71.45	144.56 7.72 -62.60
MUNSVILLE_WIND_PWR 323609	99.54 6.93 -18.91	96.10 6.24 -18.07	92.99 6.01 -16.22	92.22 5.51 -16.18	96.10 6.09 -19.26	100.94 6.85 -20.47	109.05 7.90 -26.59	116.91 7.88 -35.40	110.68 7.83 -28.30	106.47 7.35 -24.88	103.56 7.31 -21.72	100.22 6.93 -20.42	97.89 6.58 -20.56	97.69 6.42 -20.65	99.47 6.83 -19.91	104.87 6.88 -25.63	113.52 8.14 -30.66	132.08 10.21 -35.27	125.98 10.13 -33.45	114.96 8.54 -32.09	112.88 8.01 -30.70	104.79 6.86 -26.51	105.07 7.20 -23.62	102.22 7.28 -20.70
N SALMON___HYD 24042	71.72 -1.99 0.00	70.34 -1.44 0.00	69.34 -1.41 0.00	69.34 -1.20 0.00	69.27 -1.49 0.00	71.57 -2.06 0.00	72.10 -2.46 0.00	71.94 -1.69 0.00	72.32 -2.23 0.00	72.09 -2.16 0.00	72.23 -2.23 0.06	71.34 -1.53 0.00	69.49 -1.27 0.00	69.55 -1.06 0.00	71.20 -1.53 0.00	71.27 -1.08 0.00	72.40 -2.32 0.00	83.04 -3.55 0.00	78.93 -3.46 0.00	72.24 -2.08 0.00	72.09 -2.08 0.00	69.92 -1.50 0.00	71.64 -2.60 0.00	71.72 -2.52 0.00
N.AKRON__115KV_KNAPP 355671	78.65 -4.05 -9.00	76.22 -4.16 -8.60	74.44 -4.03 -7.72	73.59 -4.66 -7.70	75.82 -4.10 -9.16	79.17 -4.20 -9.74	82.67 -4.25 -12.36	84.88 -5.60 -16.85	81.17 -5.82 -12.43	79.04 -6.09 -10.88	77.20 -6.19 -8.86	74.82 -6.41 -8.35	73.00 -6.16 -8.40	72.99 -6.28 -8.67	76.74 -5.45 -9.47	79.35 -5.21 -12.20	83.79 -4.48 -13.56	97.41 -4.94 -15.75	92.66 -4.61 -14.89	83.88 -4.68 -14.24	82.88 -4.38 -13.08	78.33 -5.64 -12.54	80.59 -4.90 -11.24	80.16 -3.93 -9.85
N.BELMOR_69_KV_BK1 55787	146.06 8.33 -64.02	134.51 8.04 -54.69	127.18 7.36 -49.07	126.59 7.12 -48.93	136.42 7.43 -58.24	143.73 8.17 -61.93	160.98 7.98 -78.45	200.50 7.95 -118.92	181.61 8.28 -98.78	155.94 8.32 -73.38	151.22 8.94 -67.75	151.27 8.75 -69.65	151.39 8.42 -72.22	146.68 8.40 -67.67	151.42 8.80 -69.89	162.75 8.54 -81.85	189.40 8.52 -106.17	262.13 10.31 -165.23	221.17 9.80 -128.98	214.18 8.70 -131.16	189.00 8.60 -106.23	186.26 8.14 -106.69	154.46 8.76 -71.46	149.33 9.06 -66.03
N.E_GEN_SANDY PD 24062	145.70 4.65 -67.35	140.60 4.45 -64.37	132.99 4.46 -57.77	132.60 4.45 -57.61	143.79 4.46 -68.57	151.31 4.78 -72.89	173.98 4.78 -94.64	204.28 4.57 -126.09	180.00 4.84 -100.60	168.26 5.05 -88.96	157.87 4.99 -78.35	152.45 4.96 -74.62	150.20 4.81 -74.63	150.19 4.73 -74.85	149.65 5.09 -71.83	168.68 5.06 -91.26	189.01 5.31 -108.99	218.09 6.06 -125.43	207.20 5.85 -118.96	193.71 5.28 -114.11	188.49 5.27 -109.06	170.82 5.00 -94.39	163.62 5.20 -84.18	152.81 4.90 -73.67
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	134.57 5.75 -55.11	129.91 5.46 -52.67	123.20 5.17 -47.28	122.77 5.08 -47.15	132.04 5.17 -56.12	138.87 5.60 -59.65	155.74 5.59 -75.59	182.40 5.60 -103.18	156.00 5.74 -75.70	150.97 6.01 -70.71	145.02 6.41 -64.09	143.21 6.19 -64.14	139.48 6.01 -62.71	139.54 6.00 -62.93	140.77 6.25 -61.79	153.04 6.01 -74.68	163.49 6.20 -82.57	190.07 7.45 -96.03	180.12 7.00 -90.73	167.33 6.24 -86.76	159.83 6.16 -79.51	153.97 5.79 -76.76	149.03 5.94 -68.85	140.73 6.16 -60.32
N.QUEENS_27_KV_LOAD 356247	138.27 7.37 -57.20	133.48 7.03 -54.67	126.47 6.65 -49.07	125.96 6.49 -48.93	135.57 6.58 -58.24	142.90 7.36 -61.91	160.00 7.01 -78.44	187.17 6.48 -107.07	159.88 6.78 -78.54	155.26 7.65 -73.37	149.46 8.42 -66.52	147.90 8.31 -66.72	143.77 7.85 -65.16	143.84 7.84 -65.39	145.35 8.36 -64.26	157.75 7.89 -77.50	167.70 7.32 -85.66	194.88 8.66 -99.62	184.67 8.16 -94.12	171.54 7.21 -90.01	163.98 7.34 -82.48	158.59 7.50 -79.66	153.79 8.09 -71.45	145.01 8.17 -62.60
N.TROY___115KV_TB1 355778	153.58 4.13 -75.75	148.20 4.02 -72.40	139.77 4.03 -64.98	139.29 3.95 -64.80	151.92 4.03 -77.13	159.74 4.12 -81.99	193.68 4.25 -114.87	219.49 4.05 -141.81	222.05 4.32 -143.17	188.16 4.38 -109.54	166.97 4.25 -88.19	157.98 4.15 -80.96	157.10 3.96 -82.38	157.14 3.95 -82.58	154.88 4.29 -77.87	179.34 4.34 -102.64	231.88 4.56 -152.61	262.98 5.28 -171.10	251.24 5.03 -163.82	237.22 4.53 -158.37	245.51 4.52 -166.81	184.00 4.21 -108.36	173.26 4.38 -94.63	161.38 4.23 -82.91
NARROWS_GT1_1 24228	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT1_2 24229	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT1_3 24230	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT1_4 24231	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60

NARROWS_GT1_5 24232	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT1_6 24233	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT1_7 24234	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT1_8 24235	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_1 24236	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_2 24237	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_3 24238	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_4 24239	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_5 24240	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_6 24241	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_7 24242	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NARROWS_GT2_8 24243	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	148.71 4.79 -70.22	143.55 4.67 -67.11	135.59 4.60 -60.23	135.19 4.59 -60.06	146.92 4.67 -71.49	154.71 5.08 -76.00	179.50 5.29 -99.64	210.01 4.93 -131.45	187.90 5.00 -108.34	172.54 4.45 -93.84	160.47 4.25 -81.69	152.36 3.79 -75.69	151.05 3.61 -76.69	151.02 3.53 -76.88	149.15 3.56 -72.86	171.12 3.62 -95.14	196.29 4.48 -117.09	226.63 5.80 -134.23	215.31 5.44 -127.48	201.51 4.76 -122.43	197.55 4.60 -118.79	174.45 4.36 -98.66	166.64 4.68 -87.72	155.33 4.23 -76.85
NCHELSEA_115KV_TR2 355582	137.59 6.78 -57.11	132.82 6.46 -54.58	125.97 6.23 -48.99	125.46 6.07 -48.85	135.06 6.16 -58.15	142.21 6.77 -61.81	159.77 6.78 -78.42	187.39 6.85 -106.91	160.57 7.23 -78.78	154.90 7.28 -73.37	148.47 7.53 -66.41	146.48 7.21 -66.39	142.63 6.93 -64.94	142.62 6.85 -65.16	143.80 7.13 -63.94	156.75 7.02 -77.38	168.15 7.55 -85.90	195.62 9.18 -99.84	185.39 8.65 -94.35	172.29 7.73 -90.24	164.54 7.49 -82.89	158.06 7.07 -79.56	152.71 7.13 -71.34	143.87 7.13 -62.50
NEG CAPITAL___MECHNVIL 23645	155.60 5.23 -76.66	150.07 5.02 -73.27	141.54 5.02 -65.76	141.06 4.94 -65.58	153.84 5.02 -78.06	161.54 4.93 -82.98	197.74 5.29 -117.89	222.23 5.08 -143.53	230.57 5.29 -150.71	192.28 5.35 -112.69	169.07 5.29 -89.25	159.71 5.10 -81.74	158.98 4.95 -83.27	159.02 4.94 -83.47	156.58 5.24 -78.62	181.45 5.21 -103.88	240.66 5.68 -160.27	272.34 6.76 -178.98	260.35 6.34 -171.61	246.06 5.65 -166.09	257.18 5.63 -177.38	186.66 5.15 -110.09	175.29 5.27 -95.77	163.65 5.49 -83.91



NEG CENTRAL_HIGH_ACRES 23767	78.35 -2.80 -7.45	75.95 -2.95 -7.12	74.31 -2.83 -6.39	73.74 -3.17 -6.37	75.51 -2.83 -7.58	78.89 -2.80 -8.06	81.76 -2.46 -9.66	84.55 -3.02 -13.94	79.60 -3.20 -8.25	80.02 -3.27 -9.04	79.95 -3.50 -8.92	77.68 -3.57 -8.37	75.72 -3.47 -8.43	75.43 -3.60 -8.42	77.29 -3.27 -7.83	78.76 -3.69 -10.09	81.20 -2.69 -9.18	94.73 -2.86 -10.99	90.11 -2.55 -10.28	81.24 -2.82 -9.74	79.10 -2.89 -7.83	78.16 -3.50 -10.23	80.58 -2.97 -9.30	79.65 -2.75 -8.15
NEG CENTRAL___DRP 24199	81.96 -0.22 -8.47	79.44 -0.43 -8.10	77.67 -0.35 -7.27	77.08 -0.71 -7.25	79.03 -0.35 -8.63	82.72 -0.07 -9.17	86.56 0.37 -11.63	89.49 0.00 -15.86	86.32 0.07 -11.69	84.89 -0.22 -10.87	84.03 -0.30 -9.80	81.50 -0.58 -9.21	79.46 -0.57 -9.27	79.28 -0.64 -9.30	81.34 -0.29 -8.91	83.69 -0.14 -11.48	87.76 0.30 -12.74	101.93 0.52 -14.81	96.97 0.58 -14.00	87.94 0.22 -13.39	86.77 0.30 -12.30	82.80 -0.43 -11.80	84.53 -0.30 -10.58	83.44 -0.07 -9.27
NEG CENTRAL___INDECK 23768	84.15 -0.29 -10.74	81.47 -0.58 -10.27	79.48 -0.49 -9.22	78.68 -1.06 -9.19	81.20 -0.49 -10.94	85.04 -0.22 -11.63	89.86 0.53 -14.77	91.46 -2.28 -20.11	86.84 -2.61 -14.89	84.74 -3.05 -13.55	82.72 -3.65 -11.84	80.37 -3.64 -11.13	78.50 -3.47 -11.20	78.42 -3.53 -11.34	81.04 -2.98 -11.30	83.74 -3.18 -14.56	89.46 -1.49 -16.24	103.98 -1.47 -18.85	99.06 -1.15 -17.82	90.04 -1.34 -17.05	90.31 0.45 -15.70	85.76 -0.64 -14.97	87.74 0.07 -13.42	86.23 0.22 -11.76
NEG CENTRAL___SENECA 23627	82.23 -0.66 -9.19	79.85 -0.72 -8.78	78.00 -0.64 -7.88	77.35 -1.06 -7.86	79.41 -0.71 -9.36	83.13 -0.44 -9.95	87.19 0.00 -12.63	90.32 -0.52 -17.21	86.82 -0.45 -12.71	85.28 -0.74 -11.78	84.23 -0.89 -10.60	81.66 -1.17 -9.95	79.72 -1.06 -10.02	79.47 -1.20 -10.06	81.67 -0.73 -9.67	84.23 -0.58 -12.46	88.49 -0.07 -13.85	102.69 0.00 -16.09	97.68 0.08 -15.21	88.72 -0.15 -14.55	87.47 -0.07 -13.38	83.23 -1.00 -12.81	84.91 -0.82 -11.48	83.86 -0.45 -10.06
NEG CENTRAL___STATE_STREET 24147	82.58 0.52 -8.35	80.05 0.29 -7.99	78.28 0.35 -7.17	77.76 0.07 -7.15	79.55 0.28 -8.51	83.33 0.66 -9.04	87.23 1.19 -11.48	90.37 1.10 -15.64	87.23 1.12 -11.56	85.96 0.97 -10.75	85.14 0.89 -9.72	82.66 0.66 -9.13	80.52 0.57 -9.19	80.32 0.49 -9.22	82.31 0.80 -8.78	84.54 0.87 -11.32	88.51 1.20 -12.60	103.05 1.82 -14.64	98.04 1.81 -13.84	88.90 1.34 -13.23	87.68 1.34 -12.17	83.71 0.64 -11.64	85.50 0.82 -10.44	84.21 0.82 -9.14
NEG MILLWOOD___DRP 24198	138.56 7.15 -57.71	133.75 6.82 -55.16	126.77 6.51 -49.50	126.26 6.35 -49.37	135.95 6.44 -58.76	143.08 6.99 -62.46	161.14 7.38 -79.20	189.10 7.44 -108.04	162.28 8.28 -79.44	156.80 8.46 -74.10	150.58 8.94 -67.11	148.69 8.60 -67.22	144.57 8.14 -65.68	144.43 7.91 -65.91	145.38 7.93 -64.73	158.27 7.74 -78.17	169.62 8.29 -86.62	197.28 9.96 -100.72	186.96 9.39 -95.18	173.67 8.32 -91.02	165.91 8.23 -83.51	159.53 7.71 -80.39	154.13 7.80 -72.09	145.20 7.80 -63.16
NEG NORTH_FLCN_SEA 23793	71.79 -1.92 0.00	70.20 -1.58 0.00	69.27 -1.49 0.00	69.27 -1.27 0.00	69.27 -1.49 0.00	71.71 -1.91 0.00	71.58 -2.98 0.00	71.27 -2.36 0.00	71.72 -2.83 0.00	71.50 -2.75 0.00	71.55 -2.98 0.00	70.47 -2.40 0.00	68.56 -2.19 0.00	68.56 -2.05 0.00	70.18 -2.55 0.00	69.90 -2.46 0.00	71.80 -2.91 0.00	82.44 -4.16 0.00	78.35 -4.04 0.00	71.50 -2.82 0.00	71.13 -3.04 0.00	69.07 -2.36 0.00	71.20 -3.04 0.00	71.87 -2.38 0.00
NEG NORTH_KES_CHATEGAY 23792	71.13 -2.58 0.00	69.55 -2.23 0.00	68.63 -2.12 0.00	68.64 -1.90 0.00	68.63 -2.12 0.00	70.98 -2.65 0.00	71.35 -3.21 0.00	71.05 -2.58 0.00	71.50 -3.06 0.00	71.28 -2.97 0.00	71.31 -3.20 0.01	70.25 -2.62 0.00	68.35 -2.41 0.00	68.35 -2.26 0.00	69.96 -2.76 0.00	69.68 -2.68 0.00	71.58 -3.14 0.00	82.27 -4.33 0.00	78.19 -4.20 0.00	71.28 -3.05 0.00	70.90 -3.26 0.00	68.86 -2.57 0.00	71.05 -3.19 0.00	71.13 -3.12 0.00
NEG NORTH___ALICE_FALLS 23915	72.08 -1.62 0.00	70.49 -1.29 0.00	69.55 -1.20 0.00	69.55 -0.99 0.00	69.48 -1.27 0.00	72.01 -1.62 0.00	72.17 -2.39 0.00	71.86 -1.77 0.00	72.32 -2.24 0.00	72.09 -2.15 0.00	72.14 -2.38 0.00	70.98 -1.89 0.00	69.06 -1.70 0.00	69.06 -1.55 0.00	70.69 -2.04 0.00	70.48 -1.88 0.00	72.40 -2.32 0.00	83.13 -3.46 0.00	79.01 -3.38 0.00	72.17 -2.16 0.00	71.79 -2.37 0.00	69.57 -1.86 0.00	71.72 -2.52 0.00	72.17 -2.08 0.00
NEG NORTH___LWR_SARANAC 23913	72.08 -1.62 0.00	70.49 -1.29 0.00	69.55 -1.20 0.00	69.55 -0.99 0.00	69.48 -1.27 0.00	72.01 -1.62 0.00	72.17 -2.39 0.00	71.86 -1.77 0.00	72.32 -2.24 0.00	72.09 -2.15 0.00	72.14 -2.38 0.00	70.98 -1.89 0.00	69.06 -1.70 0.00	69.06 -1.55 0.00	70.69 -2.04 0.00	70.48 -1.88 0.00	72.40 -2.32 0.00	83.13 -3.46 0.00	79.01 -3.38 0.00	72.17 -2.16 0.00	71.79 -2.37 0.00	69.57 -1.86 0.00	71.72 -2.52 0.00	72.17 -2.08 0.00
NEG NORTH___PLATTSBURG 23628	72.01 -1.69 0.00	70.49 -1.29 0.00	69.49 -1.27 0.00	69.49 -1.06 0.00	69.49 -1.27 0.00	71.86 -1.77 0.00	72.17 -2.39 0.00	71.86 -1.77 0.00	72.32 -2.23 0.00	72.09 -2.16 0.00	72.29 -2.23 0.00	71.06 -1.82 0.00	69.13 -1.62 0.00	69.20 -1.41 0.00	70.91 -1.82 0.00	70.91 -1.45 0.00	72.40 -2.32 0.00	83.13 -3.47 0.00	78.93 -3.46 0.00	72.17 -2.16 0.00	72.01 -2.15 0.00	69.71 -1.71 0.00	71.64 -2.60 0.00	72.09 -2.16 0.00
NEG WEST_LEA_LOCKPORT 23791	77.10 -5.90 -9.29	74.84 -5.81 -8.88	72.99 -5.73 -7.97	72.14 -6.35 -7.94	74.41 -5.80 -9.46	77.71 -5.96 -10.05	80.98 -6.34 -12.76	83.06 -7.95 -17.39	79.12 -8.28 -12.83	76.87 -8.46 -11.09	74.77 -8.57 -8.81	72.52 -8.67 -8.32	70.77 -8.35 -8.36	70.83 -8.47 -8.69	74.86 -7.64 -9.77	77.56 -7.38 -12.59	81.91 -6.80 -14.00	95.06 -7.79 -16.26	90.51 -7.25 -15.37	81.96 -7.06 -14.70	81.08 -6.60 -13.51	76.58 -7.79 -12.94	78.87 -6.98 -11.60	78.69 -5.72 -10.16
NEG WEST___LANCASTER 23811	78.16 -6.41 -10.87	75.78 -6.39 -10.39	73.85 -6.23 -9.32	73.00 -6.84 -9.30	75.46 -6.37 -11.07	78.91 -6.48 -11.76	83.02 -6.49 -14.95	86.03 -7.95 -20.35	81.43 -8.20 -15.07	78.92 -8.39 -13.06	76.57 -8.42 -10.47	74.52 -8.23 -9.88	72.61 -8.07 -9.92	72.71 -8.19 -10.29	76.60 -7.56 -11.44	79.71 -7.38 -14.73	84.35 -6.80 -16.43	97.97 -7.71 -19.08	93.18 -7.25 -18.03	84.59 -6.99 -17.25	83.23 -6.82 -15.89	78.79 -7.79 -15.15	80.62 -7.20 -13.58	80.05 -6.09 -11.90
NEG_PENN_ALLEGHNY 23528	94.09 0.66 -19.72	91.06 0.43 -18.85	88.10 0.43 -16.92	87.55 0.14 -16.87	91.26 0.43 -20.08	95.71 0.74 -21.34	102.78 0.97 -27.25	111.13 0.59 -36.92	102.97 0.59 -27.82	100.01 0.45 -25.32	97.34 0.37 -22.44	94.19 0.22 -21.10	92.13 0.14 -21.24	92.05 0.07 -21.37	94.00 0.51 -20.76	99.38 0.29 -26.73	106.04 1.05 -30.29	123.07 1.38 -35.09	116.99 1.40 -33.20	107.06 0.96 -31.78	104.59 0.89 -29.53	99.30 0.36 -27.52	99.55 0.67 -24.63	96.72 0.89 -21.58
NEG___GEN_MONROE 24207	79.12 -2.28 -7.70	76.77 -2.37 -7.36	75.17 -2.19 -6.61	74.52 -2.61 -6.59	76.41 -2.19 -7.84	79.83 -2.14 -8.34	82.96 -2.16 -10.57	84.96 -3.09 -14.42	81.95 -3.21 -10.60	80.76 -3.42 -9.93	80.08 -3.50 -9.06	77.59 -3.79 -8.50	75.71 -3.61 -8.57	75.37 -3.81 -8.57	77.70 -3.13 -8.10	79.83 -2.97 -10.44	83.96 -2.32 -11.56	97.70 -2.34 -13.44	93.03 -2.06 -12.70	84.16 -2.30 -12.14	83.30 -2.00 -11.14	79.08 -3.07 -10.73	81.27 -2.60 -9.62	80.75 -1.93 -8.43

NEPA__ENERGY 23901	79.48 -4.50 -10.27	77.00 -4.59 -9.82	75.11 -4.46 -8.81	74.25 -5.08 -8.79	76.69 -4.53 -10.46	80.26 -4.49 -11.12	84.21 -4.47 -14.13	86.82 -6.04 -19.23	82.45 -6.34 -14.23	79.86 -6.61 -12.23	77.52 -6.63 -9.63	75.26 -6.70 -9.09	73.38 -6.51 -9.13	73.56 -6.57 -9.51	77.72 -5.82 -10.81	80.71 -5.57 -13.93	85.37 -4.86 -15.51	99.16 -5.46 -18.02	94.31 -5.11 -17.03	85.49 -5.13 -16.29	84.34 -4.82 -15.00	79.67 -6.07 -14.32	81.81 -5.27 -12.84	81.41 -4.08 -11.24
NEVERSINK__HYD 23608	132.43 6.78 -51.95	127.89 6.46 -49.65	121.55 6.23 -44.56	121.11 6.13 -44.44	129.88 6.23 -52.89	136.85 7.00 -56.23	153.04 6.94 -71.54	177.95 7.07 -97.25	154.11 7.16 -72.40	148.19 6.98 -66.97	142.01 7.08 -60.40	139.08 6.56 -59.64	135.65 6.23 -58.66	135.47 6.00 -58.86	136.65 6.47 -57.45	149.18 6.44 -70.39	161.21 7.62 -78.87	187.59 9.44 -91.55	177.77 8.82 -86.56	164.94 7.80 -82.82	158.28 7.64 -76.47	150.86 7.00 -72.43	146.34 7.20 -64.90	138.16 7.06 -56.86
NEWKRMKL_115KV_TB1 55635	152.37 3.46 -75.20	147.10 3.45 -71.88	138.66 3.40 -64.51	138.19 3.32 -64.33	150.72 3.40 -76.57	158.56 3.53 -81.39	188.39 3.65 -110.18	217.80 3.39 -140.79	206.58 3.65 -128.37	182.37 3.71 -104.41	165.88 3.80 -87.55	156.49 3.64 -79.97	155.87 3.54 -81.57	155.83 3.46 -81.76	152.99 3.35 -76.92	177.30 3.04 -101.90	215.66 3.21 -137.74	246.42 3.72 -156.10	234.72 3.46 -148.87	220.82 3.05 -143.45	222.64 3.12 -145.36	181.00 3.00 -106.57	171.83 3.64 -93.95	159.97 3.42 -82.31
NEWTON__FALLS_HYD 23847	72.55 -2.73 -1.57	70.91 -2.37 -1.50	69.70 -2.41 -1.35	69.56 -2.33 -1.35	70.02 -2.33 -1.60	72.68 -2.65 -1.70	73.69 -2.91 -2.04	74.51 -2.06 -2.95	73.76 -2.53 -1.74	73.68 -2.45 -1.89	73.62 -2.61 -1.70	72.73 -1.82 -1.68	70.90 -1.56 -1.70	70.83 -1.48 -1.71	72.37 -1.96 -1.61	72.60 -1.88 -2.12	74.10 -2.54 -1.93	85.72 -3.20 -2.32	81.51 -3.05 -2.17	73.93 -2.45 -2.06	73.08 -2.74 -1.65	71.66 -1.93 -2.16	73.46 -2.75 -1.97	72.92 -3.04 -1.72
NGRID_A1_DSASP 323792	77.04 -6.12 -9.45	74.64 -6.17 -9.04	73.07 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.82 -6.04 -10.23	80.76 -6.78 -12.99	82.64 -8.69 -17.70	78.53 -9.10 -13.07	76.16 -9.13 -11.05	73.40 -9.54 -8.41	71.35 -9.47 -7.95	69.68 -9.06 -7.98	69.91 -9.11 -8.40	74.16 -8.51 -9.95	75.77 -9.41 -12.81	81.20 -7.77 -14.25	94.06 -9.09 -16.56	89.80 -8.24 -15.65	81.34 -7.95 -14.97	79.85 -8.08 -13.76	75.74 -8.86 -13.17	78.56 -7.50 -11.81	78.58 -6.01 -10.35
NGRID_A2_DSASP 323793	77.04 -6.12 -9.45	74.64 -6.17 -9.04	73.07 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.82 -6.04 -10.23	80.76 -6.78 -12.99	82.64 -8.69 -17.70	78.53 -9.10 -13.07	76.16 -9.13 -11.05	73.40 -9.54 -8.41	71.35 -9.47 -7.95	69.68 -9.06 -7.98	69.91 -9.11 -8.40	74.16 -8.51 -9.95	75.77 -9.41 -12.81	81.20 -7.77 -14.25	94.06 -9.09 -16.56	89.80 -8.24 -15.65	81.34 -7.95 -14.97	79.85 -8.08 -13.76	75.74 -8.86 -13.17	78.56 -7.50 -11.81	78.58 -6.01 -10.35
NGRID_A4_DSASP 323807	77.04 -6.12 -9.45	74.64 -6.17 -9.04	73.07 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.82 -6.04 -10.23	80.76 -6.78 -12.99	82.64 -8.69 -17.70	78.53 -9.10 -13.07	76.16 -9.13 -11.05	73.40 -9.54 -8.41	71.35 -9.47 -7.95	69.68 -9.06 -7.98	69.91 -9.11 -8.40	74.16 -8.51 -9.95	75.77 -9.41 -12.81	81.20 -7.77 -14.25	94.06 -9.09 -16.56	89.80 -8.24 -15.65	81.34 -7.95 -14.97	79.85 -8.08 -13.76	75.74 -8.86 -13.17	78.56 -7.50 -11.81	78.58 -6.01 -10.35
NIAGARA_115E_LBMP 323715	76.48 -6.71 -9.48	74.02 -6.82 -9.06	72.45 -6.44 -8.13	71.60 -7.05 -8.11	73.90 -6.51 -9.65	77.04 -6.85 -10.26	80.28 -7.30 -13.03	82.32 -9.06 -17.75	78.19 -9.47 -13.11	75.87 -9.58 -11.20	73.26 -9.98 -8.72	71.28 -9.84 -8.24	69.62 -9.41 -8.28	69.80 -9.46 -8.65	73.75 -8.95 -9.97	75.44 -9.77 -12.85	80.86 -8.14 -14.29	93.67 -9.53 -16.60	89.43 -8.65 -15.69	81.01 -8.32 -15.01	79.51 -8.46 -13.80	75.42 -9.21 -13.21	78.14 -7.94 -11.84	77.94 -6.68 -10.38
NIAGARA_115W_LBMP 323714	76.88 -6.27 -9.44	74.48 -6.32 -9.02	72.91 -5.94 -8.10	72.06 -6.56 -8.08	74.35 -6.01 -9.61	77.74 -6.11 -10.22	80.60 -6.93 -12.97	82.46 -8.84 -17.67	78.36 -9.25 -13.05	75.99 -9.28 -11.02	73.21 -9.69 -8.37	71.17 -9.62 -7.92	69.51 -9.20 -7.95	69.74 -9.25 -8.37	74.00 -8.66 -9.93	75.60 -9.55 -12.80	81.03 -7.92 -14.23	93.78 -9.35 -16.53	89.61 -8.40 -15.63	81.17 -8.10 -14.95	79.68 -8.23 -13.74	75.58 -9.00 -13.16	78.39 -7.65 -11.79	78.42 -6.16 -10.33
NIAGARA_230_LBMP 323716	77.21 -5.82 -9.33	74.81 -5.88 -8.91	73.17 -5.59 -8.00	72.38 -6.14 -7.98	74.59 -5.66 -9.50	77.90 -5.82 -10.09	81.11 -6.26 -12.81	83.06 -8.02 -17.46	79.02 -8.43 -12.89	76.58 -8.47 -10.80	73.71 -8.87 -8.06	71.68 -8.82 -7.63	69.99 -8.42 -7.65	70.24 -8.48 -8.10	74.68 -7.86 -9.81	76.24 -8.76 -12.64	81.60 -7.17 -14.06	94.53 -8.40 -16.33	90.25 -7.58 -15.43	81.72 -7.36 -14.76	80.32 -7.42 -13.57	76.21 -8.21 -12.99	78.91 -6.98 -11.65	78.81 -5.65 -10.21
NIAGARA__115KV_198_GIBSON 55903	76.88 -6.26 -9.44	74.70 -6.10 -9.02	72.91 -5.94 -8.10	72.13 -6.49 -8.08	74.35 -6.01 -9.61	77.73 -6.11 -10.22	80.52 -7.01 -12.97	82.47 -8.84 -17.67	78.51 -9.10 -13.05	75.91 -9.35 -11.02	73.51 -9.39 -8.37	71.32 -9.47 -7.92	69.51 -9.20 -7.95	69.80 -9.18 -8.37	74.37 -8.29 -9.93	77.05 -8.10 -12.80	81.33 -7.62 -14.23	94.30 -8.83 -16.53	89.78 -8.24 -15.63	81.32 -7.95 -14.95	80.49 -7.42 -13.74	76.08 -8.50 -13.16	78.39 -7.65 -11.79	78.49 -6.09 -10.33
NIAGARA____ 23760	77.35 -5.82 -9.47	74.94 -5.88 -9.05	73.29 -5.59 -8.12	72.50 -6.14 -8.10	74.73 -5.66 -9.64	78.06 -5.82 -10.25	81.27 -6.26 -12.98	83.21 -8.02 -17.61	79.14 -8.43 -13.00	76.77 -8.47 -10.99	74.02 -8.87 -8.37	71.97 -8.82 -7.91	70.28 -8.42 -7.94	70.50 -8.48 -8.36	74.77 -7.86 -9.90	76.35 -8.76 -12.75	81.70 -7.17 -14.16	94.65 -8.40 -16.45	90.36 -7.58 -15.55	81.84 -7.36 -14.87	80.43 -7.42 -13.68	76.32 -8.21 -13.10	79.03 -6.98 -11.77	78.96 -5.65 -10.36
NINE_MILE_1 23575	74.49 -2.58 -3.36	72.41 -2.58 -3.22	71.10 -2.54 -2.89	70.81 -2.61 -2.88	71.64 -2.54 -3.43	74.77 -2.50 -3.64	76.46 -2.46 -4.36	77.42 -2.50 -6.30	75.75 -2.54 -3.73	75.64 -2.67 -4.06	75.83 -2.68 -3.98	73.76 -2.77 -3.66	71.72 -2.76 -3.72	71.43 -2.90 -3.72	73.35 -2.84 -3.46	74.02 -2.90 -4.56	76.17 -2.69 -4.15	88.53 -3.03 -4.97	84.15 -2.89 -4.64	75.98 -2.75 -4.40	74.96 -2.74 -3.54	73.33 -2.71 -4.62	75.85 -2.60 -4.20	75.33 -2.60 -3.68
NINE_MILE_2 23744	74.47 -2.58 -3.35	72.40 -2.58 -3.20	71.09 -2.54 -2.87	70.80 -2.61 -2.87	71.62 -2.54 -3.41	74.75 -2.50 -3.63	76.44 -2.46 -4.35	77.40 -2.50 -6.27	75.73 -2.54 -3.71	75.62 -2.67 -4.05	75.81 -2.68 -3.97	73.75 -2.77 -3.64	71.70 -2.76 -3.71	71.42 -2.90 -3.70	73.33 -2.84 -3.45	73.93 -2.97 -4.54	76.08 -2.76 -4.13	88.51 -3.03 -4.95	84.13 -2.89 -4.62	75.96 -2.75 -4.38	74.95 -2.74 -3.52	73.31 -2.71 -4.60	75.83 -2.60 -4.19	75.31 -2.60 -3.67
NM_CAPITAL__DRP 24208	152.18 3.46 -75.01	146.85 3.37 -71.69	138.50 3.40 -64.35	138.02 3.32 -64.17	150.53 3.40 -76.37	158.35 3.53 -81.19	187.82 3.65 -109.61	217.45 3.39 -140.43	205.14 3.58 -127.01	181.70 3.64 -103.82	165.58 3.73 -87.33	156.25 3.57 -79.80	155.61 3.47 -81.38	155.64 3.46 -81.57	152.82 3.35 -76.75	177.11 3.11 -101.64	214.35 3.29 -136.35	245.07 3.81 -154.66	233.47 3.63 -147.45	219.57 3.20 -142.05	220.82 3.19 -143.47	180.72 3.07 -106.22	171.59 3.64 -93.71	159.76 3.42 -82.10

NM_CENTRAL___DRP 24181	78.83 -0.59 -5.72	76.52 -0.72 -5.46	74.95 -0.71 -4.90	74.51 -0.92 -4.89	75.80 -0.78 -5.82	79.22 -0.59 -6.19	81.75 -0.22 -7.41	83.96 -0.37 -10.70	80.66 -0.22 -6.33	80.81 -0.30 -6.86	80.88 -0.30 -6.65	78.61 -0.51 -6.24	76.37 -0.57 -6.18	76.10 -0.71 -6.19	78.19 -0.44 -5.90	79.53 -0.43 -7.61	81.33 -0.30 -6.92	94.86 -0.17 -8.44	90.12 -0.16 -7.89	81.43 -0.37 -7.48	79.88 -0.30 -6.01	78.56 -0.71 -7.85	80.79 -0.59 -7.14	79.98 -0.52 -6.26
NM_FRONTIER___DRP 24179	76.88 -6.26 -9.44	74.70 -6.10 -9.02	72.91 -5.94 -8.10	72.13 -6.49 -8.08	74.35 -6.01 -9.61	77.73 -6.11 -10.22	80.52 -7.01 -12.97	82.47 -8.84 -17.67	78.51 -9.10 -13.05	75.91 -9.35 -11.02	73.51 -9.39 -8.37	71.32 -9.47 -7.92	69.51 -9.20 -7.95	69.80 -9.18 -8.37	74.37 -8.29 -9.93	77.05 -8.10 -12.80	81.33 -7.62 -14.23	94.30 -8.83 -16.53	89.78 -8.24 -15.63	81.32 -7.95 -14.95	80.49 -7.42 -13.74	76.08 -8.50 -13.16	78.39 -7.65 -11.79	78.49 -6.09 -10.33
NM_ST_REGIS___HYD 24053	70.17 -3.54 0.00	69.05 -2.73 0.00	68.07 -2.69 0.00	68.07 -2.47 0.00	68.07 -2.69 0.00	70.31 -3.31 0.00	70.31 -4.25 0.00	70.46 -3.17 0.00	70.46 -4.10 0.00	70.38 -3.86 0.00	70.19 -4.17 0.16	70.03 -2.84 0.00	68.35 -2.41 0.00	68.35 -2.26 0.00	69.67 -3.05 0.00	69.39 -2.97 0.00	70.60 -4.11 0.00	81.05 -5.54 0.00	77.04 -5.36 0.00	70.38 -3.94 0.00	69.87 -4.30 0.00	68.64 -2.79 0.00	70.38 -3.86 0.00	70.24 -4.01 0.00
NORTHPORT___1 23551	147.02 9.29 -64.03	135.67 9.19 -54.70	128.17 8.35 -49.07	127.65 8.18 -48.93	137.55 8.56 -58.24	144.92 9.35 -61.94	155.90 7.83 -73.52	199.06 8.32 -117.11	181.33 8.35 -98.42	156.60 8.98 -73.38	152.11 9.84 -67.75	152.07 9.54 -69.65	151.89 8.92 -72.22	147.03 8.75 -67.67	152.00 9.39 -69.89	161.84 9.12 -80.36	190.74 9.86 -106.16	263.25 11.43 -165.23	222.24 10.87 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.90 8.78 -106.69	154.90 9.20 -71.45	150.23 9.95 -66.03
NORTHPORT___2 23552	147.02 9.29 -64.03	135.67 9.19 -54.70	128.17 8.35 -49.07	127.65 8.18 -48.93	137.55 8.56 -58.24	144.92 9.35 -61.94	155.90 7.83 -73.52	199.06 8.32 -117.11	181.33 8.35 -98.42	156.60 8.98 -73.38	152.11 9.84 -67.75	152.07 9.54 -69.65	151.89 8.92 -72.22	147.03 8.75 -67.67	152.00 9.39 -69.89	161.84 9.12 -80.36	190.74 9.86 -106.16	263.25 11.43 -165.23	222.24 10.87 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.90 8.78 -106.69	154.90 9.20 -71.45	150.23 9.95 -66.03
NORTHPORT___3 23553	145.76 8.04 -64.02	134.36 7.90 -54.69	126.83 7.01 -49.07	126.39 6.92 -48.93	136.22 7.22 -58.24	143.44 7.88 -61.93	155.89 7.83 -73.51	198.39 7.66 -117.10	181.32 8.35 -98.42	154.68 7.06 -73.38	150.40 8.12 -67.75	150.40 7.87 -69.65	150.40 7.43 -72.22	145.76 7.48 -67.67	150.40 7.79 -69.89	159.94 7.31 -80.28	188.65 7.77 -106.16	261.00 9.17 -165.23	220.10 8.73 -128.98	213.21 7.73 -131.16	188.11 7.71 -106.23	185.04 6.93 -106.69	152.98 7.28 -71.45	148.59 8.31 -66.03
NORTHPORT___4 23650	145.76 8.04 -64.02	134.36 7.90 -54.69	126.83 7.01 -49.07	126.39 6.92 -48.93	136.22 7.22 -58.24	143.44 7.88 -61.93	155.89 7.83 -73.51	198.39 7.66 -117.10	181.32 8.35 -98.42	154.68 7.06 -73.38	150.40 8.12 -67.75	150.40 7.87 -69.65	150.40 7.43 -72.22	145.76 7.48 -67.67	150.40 7.79 -69.89	159.94 7.31 -80.28	188.65 7.77 -106.16	261.00 9.17 -165.23	220.10 8.73 -128.98	213.21 7.73 -131.16	188.11 7.71 -106.23	185.04 6.93 -106.69	152.98 7.28 -71.45	148.59 8.31 -66.03
NORTHPORT___IC 23718	146.95 9.21 -64.03	135.52 9.04 -54.70	128.10 8.28 -49.07	127.58 8.11 -48.93	137.41 8.42 -58.24	144.77 9.20 -61.94	155.98 7.90 -73.52	198.91 8.17 -117.11	181.18 8.20 -98.42	156.68 9.06 -73.38	152.04 9.76 -67.75	152.07 9.55 -69.65	152.10 9.13 -72.22	147.25 8.97 -67.67	152.07 9.45 -69.89	161.84 9.12 -80.36	190.29 9.41 -106.16	263.08 11.26 -165.23	222.08 10.71 -128.98	215.15 9.66 -131.16	189.89 9.49 -106.23	186.83 8.71 -106.69	155.13 9.43 -71.45	150.15 9.87 -66.03
NORTH___COUNTRY_ESR 323785	70.83 -2.88 0.00	69.34 -2.44 0.00	68.35 -2.41 0.00	68.43 -2.11 0.00	68.35 -2.41 0.00	70.61 -3.02 0.00	71.13 -3.43 0.00	70.68 -2.95 0.00	71.28 -3.28 0.00	70.98 -3.27 0.00	71.24 -3.28 0.01	70.11 -2.77 0.00	68.21 -2.54 0.00	68.28 -2.33 0.00	69.89 -2.84 0.00	69.90 -2.46 0.00	71.28 -3.44 0.00	82.00 -4.59 0.00	77.94 -4.45 0.00	70.98 -3.34 0.00	70.83 -3.34 0.00	68.71 -2.71 0.00	70.68 -3.56 0.00	70.83 -3.41 0.00
NPX_GEN_1385_PROXY 323591	147.02 9.29 -64.03	135.67 9.19 -54.70	128.17 8.35 -49.07	127.65 8.18 -48.93	137.55 8.56 -58.24	144.92 9.35 -61.94	155.90 7.83 -73.52	199.06 8.32 -117.11	181.33 8.35 -98.42	156.60 8.98 -73.38	152.11 9.84 -67.75	152.07 9.54 -69.65	151.89 8.92 -72.22	147.03 8.75 -67.67	152.00 9.39 -69.89	161.84 9.12 -80.36	190.74 9.86 -106.16	263.25 11.43 -165.23	222.24 10.87 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.90 8.78 -106.69	154.90 9.20 -71.45	150.23 9.95 -66.03
NPX_GEN_CSC 323557	148.42 10.68 -64.03	136.82 10.34 -54.70	129.16 9.34 -49.07	128.64 9.17 -48.93	138.62 9.62 -58.24	146.17 10.60 -61.94	221.43 9.84 -137.03	224.04 9.94 -140.48	187.96 10.36 -103.04	156.60 8.98 -73.38	151.96 9.68 -67.75	151.93 9.40 -69.65	151.60 8.63 -72.22	146.68 8.40 -67.67	151.78 9.16 -69.89	161.35 8.61 -80.39	190.96 10.08 -106.16	262.91 11.09 -165.23	222.00 10.63 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.75 8.64 -106.69	154.68 8.98 -71.45	150.45 10.17 -66.03
NSINS_S___GLNS_FALLS 23858	157.11 6.19 -77.21	151.53 5.96 -73.79	142.86 5.87 -66.23	142.30 5.71 -66.05	155.31 5.94 -78.61	161.91 4.71 -83.57	199.35 5.29 -119.50	223.40 5.23 -144.55	234.44 5.37 -154.52	193.87 5.27 -114.35	169.86 5.44 -89.89	160.23 5.10 -82.26	159.40 4.81 -83.83	159.44 4.80 -84.03	157.08 5.24 -79.12	182.26 5.28 -104.62	244.60 5.75 -164.14	276.51 6.93 -182.99	264.30 6.34 -175.56	249.90 5.57 -170.00	262.53 5.71 -182.65	187.57 5.07 -111.07	175.68 4.97 -96.46	165.21 6.46 -84.50
NUCOR_STEEL___DRP 24197	82.58 0.81 -8.07	80.06 0.57 -7.71	78.24 0.57 -6.92	77.80 0.35 -6.90	79.47 0.50 -8.21	83.17 0.81 -8.73	86.98 1.34 -11.08	89.84 1.10 -15.10	86.82 1.12 -11.15	85.51 0.89 -10.38	84.74 0.82 -9.39	82.28 0.58 -8.82	80.20 0.57 -8.88	79.93 0.42 -8.90	82.01 0.80 -8.48	84.15 0.87 -10.93	88.13 1.27 -12.15	102.54 1.82 -14.12	97.47 1.73 -13.35	88.35 1.26 -12.77	87.24 1.34 -11.74	83.38 0.71 -11.24	85.21 0.89 -10.08	84.04 0.97 -8.83
NUMBER_THREE_WT_PWR 323818	75.71 -0.15 -2.15	73.62 -0.21 -2.05	72.32 -0.28 -1.84	71.96 -0.42 -1.84	72.73 -0.21 -2.19	75.73 -0.22 -2.32	77.64 0.30 -2.79	78.38 0.74 -4.02	77.61 0.67 -2.38	77.49 0.67 -2.58	77.64 0.67 -2.44	75.90 0.73 -2.30	73.86 0.78 -2.32	73.64 0.71 -2.32	75.65 0.73 -2.19	76.12 0.87 -2.89	78.09 0.75 -2.63	90.81 1.04 -3.17	86.35 0.99 -2.96	77.95 0.82 -2.81	77.09 0.67 -2.26	74.81 0.43 -2.95	76.93 0.00 -2.68	76.37 -0.22 -2.35
NYISO_LBMP_REFERENCE 24008	73.71 0.00 0.00	71.78 0.00 0.00	70.76 0.00 0.00	70.54 0.00 0.00	70.76 0.00 0.00	73.63 0.00 0.00	74.56 0.00 0.00	73.63 0.00 0.00	74.56 0.00 0.00	74.25 0.00 0.00	74.53 0.00 0.00	72.88 0.00 0.00	70.76 0.00 0.00	70.61 0.00 0.00	72.73 0.00 0.00	72.36 0.00 0.00	74.71 0.00 0.00	86.60 0.00 0.00	82.39 0.00 0.00	74.32 0.00 0.00	74.17 0.00 0.00	71.43 0.00 0.00	74.25 0.00 0.00	74.25 0.00 0.00

NYPA_BRENTWD____GT 24164	147.91 10.17 -64.03	136.38 9.91 -54.70	128.88 9.06 -49.07	128.36 8.89 -48.93	138.26 9.27 -58.24	145.73 10.16 -61.94	174.76 9.24 -90.96	206.72 9.57 -123.52	184.01 9.76 -99.69	157.42 9.80 -73.38	152.93 10.66 -67.75	152.87 10.34 -69.65	152.67 9.69 -72.22	147.74 9.46 -67.67	152.80 10.18 -69.89	162.72 9.91 -80.45	191.79 10.91 -106.16	264.56 12.73 -165.23	223.48 12.12 -128.98	216.26 10.77 -131.16	191.15 10.75 -106.23	187.75 9.64 -106.69	155.80 10.10 -71.45	151.04 10.76 -66.03
NYPA_GOWANUS____GT5 24156	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NYPA_GOWANUS____GT6 24157	138.64 7.74 -57.20	133.84 7.39 -54.67	126.83 7.01 -49.07	126.31 6.84 -48.93	135.93 6.94 -58.24	143.12 7.59 -61.91	160.00 7.01 -78.44	187.76 7.07 -107.07	160.99 7.90 -78.54	155.93 8.31 -73.37	149.76 8.72 -66.52	148.04 8.45 -66.72	143.91 7.99 -65.16	143.91 7.91 -65.39	145.49 8.50 -64.26	158.03 8.17 -77.50	169.04 8.66 -85.66	196.35 10.13 -99.62	186.07 9.55 -94.12	173.03 8.69 -90.02	165.37 8.67 -82.53	159.09 8.00 -79.66	154.08 8.39 -71.45	145.45 8.61 -62.60
NYPA_HARLEM__RVR__GT1 24160	138.27 7.37 -57.20	133.55 7.11 -54.67	126.55 6.73 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	158.96 5.97 -78.44	186.22 5.52 -107.07	159.95 6.85 -78.54	155.03 7.42 -73.36	149.02 7.98 -66.52	147.31 7.72 -66.72	143.27 7.36 -65.16	143.34 7.34 -65.39	144.92 7.93 -64.26	157.24 7.38 -77.50	167.99 7.62 -85.65	195.13 8.92 -99.62	184.92 8.41 -94.12	171.83 7.50 -90.00	164.20 7.57 -82.47	158.23 7.14 -79.66	153.27 7.58 -71.45	145.09 8.24 -62.60
NYPA_HARLEM__RVR__GT2 24161	138.27 7.37 -57.20	133.55 7.11 -54.67	126.55 6.73 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	158.96 5.97 -78.44	186.22 5.52 -107.07	159.95 6.85 -78.54	155.03 7.42 -73.36	149.02 7.98 -66.52	147.31 7.72 -66.72	143.27 7.36 -65.16	143.34 7.34 -65.39	144.92 7.93 -64.26	157.24 7.38 -77.50	167.99 7.62 -85.65	195.13 8.92 -99.62	184.92 8.41 -94.12	171.83 7.50 -90.00	164.20 7.57 -82.47	158.23 7.14 -79.66	153.27 7.58 -71.45	145.09 8.24 -62.60
NYPA_KENT____GT 24152	138.57 7.67 -57.20	133.77 7.33 -54.67	126.76 6.94 -49.07	126.24 6.77 -48.93	135.86 6.86 -58.24	142.97 7.43 -61.91	159.85 6.85 -78.44	187.54 6.85 -107.07	160.85 7.75 -78.54	155.71 8.09 -73.37	149.54 8.49 -66.52	147.90 8.30 -66.72	143.84 7.92 -65.16	143.84 7.84 -65.39	145.42 8.43 -64.26	157.96 8.10 -77.50	168.82 8.44 -85.66	196.09 9.87 -99.62	185.82 9.31 -94.12	172.73 8.40 -90.01	165.13 8.45 -82.51	158.87 7.79 -79.66	153.94 8.24 -71.45	145.31 8.46 -62.60
NYPA_POUCH1____GT 24155	138.34 7.44 -57.20	133.55 7.11 -54.67	126.55 6.73 -49.07	126.03 6.56 -48.93	135.72 6.73 -58.24	142.83 7.29 -61.91	159.78 6.78 -78.44	187.54 6.85 -107.07	160.70 7.61 -78.54	155.63 8.02 -73.37	149.39 8.35 -66.52	147.75 8.16 -66.72	143.56 7.64 -65.16	143.56 7.56 -65.39	145.13 8.14 -64.26	157.75 7.89 -77.50	168.74 8.37 -85.66	196.00 9.78 -99.62	185.74 9.23 -94.12	172.73 8.40 -90.02	165.08 8.38 -82.53	158.80 7.72 -79.66	153.86 8.17 -71.45	145.09 8.24 -62.60
NYPA_VERNON____GT2 24162	138.43 7.52 -57.20	133.62 7.18 -54.67	126.62 6.79 -49.07	126.10 6.63 -48.93	135.72 6.73 -58.24	142.90 7.36 -61.91	159.63 6.63 -78.44	187.39 6.70 -107.07	160.62 7.53 -78.54	155.56 7.95 -73.37	149.39 8.35 -66.52	147.75 8.16 -66.72	143.70 7.78 -65.16	143.77 7.77 -65.39	145.28 8.29 -64.26	157.82 7.96 -77.50	168.67 8.29 -85.66	195.92 9.70 -99.62	185.58 9.06 -94.12	172.51 8.18 -90.01	164.81 8.16 -82.48	158.59 7.50 -79.66	153.72 8.02 -71.45	145.23 8.39 -62.60
NYPA_VERNON____GT3 24163	138.43 7.52 -57.20	133.62 7.18 -54.67	126.62 6.79 -49.07	126.10 6.63 -48.93	135.72 6.73 -58.24	142.90 7.36 -61.91	159.63 6.63 -78.44	187.39 6.70 -107.07	160.62 7.53 -78.54	155.56 7.95 -73.37	149.39 8.35 -66.52	147.75 8.16 -66.72	143.70 7.78 -65.16	143.77 7.77 -65.39	145.28 8.29 -64.26	157.82 7.96 -77.50	168.67 8.29 -85.66	195.92 9.70 -99.62	185.58 9.06 -94.12	172.51 8.18 -90.01	164.81 8.16 -82.48	158.59 7.50 -79.66	153.72 8.02 -71.45	145.23 8.39 -62.60
NYPA__ASTORIA_CC1 323568	138.42 7.52 -57.20	133.62 7.18 -54.67	126.62 6.79 -49.07	126.10 6.63 -48.93	135.72 6.73 -58.24	142.90 7.36 -61.91	159.48 6.48 -78.44	187.17 6.48 -107.07	160.48 7.38 -78.54	155.41 7.79 -73.37	149.31 8.27 -66.52	147.68 8.09 -66.72	143.63 7.71 -65.16	143.63 7.63 -65.39	145.20 8.22 -64.26	157.68 7.82 -77.50	168.52 8.14 -85.66	195.75 9.53 -99.62	185.42 8.90 -94.12	172.36 8.03 -90.01	164.65 8.01 -82.48	158.52 7.43 -79.66	153.72 8.02 -71.45	145.23 8.39 -62.60
NYPA__ASTORIA_CC2 323569	138.42 7.52 -57.20	133.62 7.18 -54.67	126.62 6.79 -49.07	126.10 6.63 -48.93	135.72 6.73 -58.24	142.90 7.36 -61.91	159.48 6.48 -78.44	187.17 6.48 -107.07	160.48 7.38 -78.54	155.41 7.79 -73.37	149.31 8.27 -66.52	147.68 8.09 -66.72	143.63 7.71 -65.16	143.63 7.63 -65.39	145.20 8.22 -64.26	157.68 7.82 -77.50	168.52 8.14 -85.66	195.75 9.53 -99.62	185.42 8.90 -94.12	172.36 8.03 -90.01	164.65 8.01 -82.48	158.52 7.43 -79.66	153.72 8.02 -71.45	145.23 8.39 -62.60
NYPA__HOLTSVILL 23794	147.61 9.88 -64.03	136.02 9.55 -54.70	128.45 8.63 -49.07	128.00 8.53 -48.93	137.91 8.92 -58.24	145.36 9.79 -61.94	219.13 8.94 -135.63	222.72 9.13 -139.97	186.89 9.39 -102.94	156.75 9.13 -73.38	152.27 9.99 -67.75	152.22 9.69 -69.65	152.03 9.06 -72.22	147.03 8.75 -67.67	152.14 9.52 -69.89	161.78 9.04 -80.38	190.89 10.01 -106.16	263.25 11.43 -165.23	222.33 10.96 -128.98	215.29 9.81 -131.16	190.26 9.87 -106.23	186.90 8.78 -106.69	154.98 9.28 -71.45	150.37 10.10 -66.03
NYPA__HELLGATE_GT1 24158	138.27 7.37 -57.20	133.55 7.11 -54.67	126.55 6.73 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	158.96 5.97 -78.44	186.22 5.52 -107.07	159.95 6.85 -78.54	155.03 7.42 -73.36	149.02 7.98 -66.52	147.31 7.72 -66.72	143.27 7.36 -65.16	143.34 7.34 -65.39	144.92 7.93 -64.26	157.24 7.38 -77.50	167.99 7.62 -85.65	195.13 8.92 -99.62	184.92 8.41 -94.12	171.83 7.50 -90.00	164.20 7.57 -82.47	158.23 7.14 -79.66	153.27 7.58 -71.45	145.09 8.24 -62.60
NYPA__HELLGATE_GT2 24159	138.27 7.37 -57.20	133.55 7.11 -54.67	126.55 6.73 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	158.96 5.97 -78.44	186.22 5.52 -107.07	159.95 6.85 -78.54	155.03 7.42 -73.36	149.02 7.98 -66.52	147.31 7.72 -66.72	143.27 7.36 -65.16	143.34 7.34 -65.39	144.92 7.93 -64.26	157.24 7.38 -77.50	167.99 7.62 -85.65	195.13 8.92 -99.62	184.92 8.41 -94.12	171.83 7.50 -90.00	164.20 7.57 -82.47	158.23 7.14 -79.66	153.27 7.58 -71.45	145.09 8.24 -62.60
NYS_BARGE__HYD 23848	77.25 -5.67 -9.21	74.77 -5.81 -8.81	73.14 -5.52 -7.90	72.21 -6.21 -7.88	74.55 -5.59 -9.38	77.78 -5.82 -9.97	81.10 -6.11 -12.66	83.07 -7.81 -17.25	79.09 -8.20 -12.73	77.04 -8.24 -11.04	74.71 -8.64 -8.83	72.60 -8.60 -8.33	70.92 -8.21 -8.37	71.03 -8.26 -8.68	74.71 -7.71 -9.69	76.31 -8.54 -12.49	81.72 -6.87 -13.88	94.76 -7.97 -16.13	90.47 -7.17 -15.24	81.91 -6.99 -14.58	80.38 -7.19 -13.40	76.27 -8.00 -12.84	79.00 -6.76 -11.51	78.76 -5.57 -10.08

OAK ORCHARD___HYD 24046	79.13 -2.21 -7.63	76.63 -2.44 -7.29	75.03 -2.27 -6.55	74.39 -2.68 -6.53	76.26 -2.27 -7.77	79.68 -2.21 -8.26	82.94 -2.09 -10.47	85.04 -2.87 -14.28	81.99 -3.06 -10.49	81.01 -3.12 -9.88	80.17 -3.43 -9.07	77.89 -3.50 -8.51	76.01 -3.32 -8.57	75.72 -3.46 -8.57	77.70 -3.05 -8.02	79.15 -3.54 -10.34	83.85 -2.32 -11.45	97.39 -2.51 -13.31	92.82 -2.14 -12.57	83.90 -2.45 -12.03	82.67 -2.52 -11.03	78.84 -3.21 -10.63	81.25 -2.52 -9.53	80.52 -2.08 -8.35
OAKDALE___35_KV_LOAD 356122	93.73 0.44 -19.58	90.71 0.22 -18.72	87.84 0.28 -16.80	87.29 0.00 -16.75	90.91 0.21 -19.94	95.26 0.44 -21.19	102.40 0.75 -27.10	110.58 0.29 -36.66	102.61 0.30 -27.75	99.56 0.15 -25.17	96.93 0.15 -22.25	93.80 0.00 -20.92	91.81 0.00 -21.06	91.74 -0.07 -21.20	93.63 0.29 -20.61	99.26 0.36 -26.54	105.66 0.75 -30.20	122.70 1.13 -34.98	116.56 1.07 -33.09	106.75 0.74 -31.68	104.42 0.74 -29.51	98.98 0.21 -27.34	99.08 0.37 -24.46	96.35 0.67 -21.43
OCC_CHEM___DRP 24175	77.04 -6.12 -9.45	74.86 -5.96 -9.04	73.06 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.90 -5.96 -10.23	80.69 -6.86 -12.99	82.64 -8.69 -17.70	78.68 -8.95 -13.07	76.09 -9.21 -11.05	73.69 -9.24 -8.41	71.43 -9.40 -7.95	69.68 -9.06 -7.98	69.98 -9.04 -8.40	74.53 -8.15 -9.95	77.21 -7.96 -12.81	81.50 -7.47 -14.25	94.50 -8.66 -16.56	89.97 -8.07 -15.65	81.49 -7.80 -14.97	80.66 -7.27 -13.76	76.24 -8.36 -13.17	78.56 -7.50 -11.81	78.65 -5.94 -10.35
OH_GEN_PROXY 24063	77.37 -5.67 -9.34	74.89 -5.81 -8.92	73.25 -5.52 -8.01	72.46 -6.07 -7.99	74.74 -5.52 -9.51	78.07 -5.67 -10.11	81.28 -6.11 -12.83	83.30 -7.81 -17.48	79.26 -8.20 -12.91	76.78 -8.24 -10.78	73.87 -8.64 -7.99	71.84 -8.60 -7.56	70.14 -8.21 -7.59	70.40 -8.26 -8.05	74.91 -7.64 -9.82	76.55 -8.47 -12.66	81.92 -6.87 -14.08	94.90 -8.05 -16.35	90.59 -7.25 -15.45	81.97 -7.14 -14.78	80.56 -7.19 -13.59	76.44 -8.00 -13.01	79.15 -6.76 -11.67	78.97 -5.49 -10.22
OLIN_CORP_DRP 24177	76.76 -6.49 -9.55	74.44 -6.46 -9.12	72.65 -6.30 -8.19	71.86 -6.84 -8.17	74.11 -6.37 -9.72	77.33 -6.63 -10.33	80.59 -7.08 -13.12	82.66 -8.84 -17.87	78.59 -9.17 -13.20	76.16 -9.35 -11.27	73.90 -9.39 -8.76	71.60 -9.55 -8.28	69.87 -9.20 -8.31	70.06 -9.25 -8.70	74.33 -8.44 -10.04	77.12 -8.18 -12.94	81.41 -7.70 -14.39	94.48 -8.83 -16.72	89.96 -8.24 -15.80	81.49 -7.95 -15.12	80.58 -7.49 -13.90	76.16 -8.57 -13.30	78.37 -7.80 -11.92	78.23 -6.46 -10.45
OLIN_CORP_DSASP 323712	77.04 -6.12 -9.45	74.64 -6.17 -9.04	73.07 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.82 -6.04 -10.23	80.76 -6.78 -12.99	82.64 -8.69 -17.70	78.53 -9.10 -13.07	76.16 -9.13 -11.05	73.40 -9.54 -8.41	71.35 -9.47 -7.95	69.68 -9.06 -7.98	69.91 -9.11 -8.40	74.16 -8.51 -9.95	75.77 -9.41 -12.81	81.20 -7.77 -14.25	94.06 -9.09 -16.56	89.80 -8.24 -15.65	81.34 -7.95 -14.97	79.85 -8.08 -13.76	75.74 -8.86 -13.17	78.56 -7.50 -11.81	78.58 -6.01 -10.35
ONEIDA_HERK_LFGE 323681	77.21 1.62 -1.89	75.09 1.51 -1.80	73.79 1.41 -1.62	73.35 1.20 -1.61	74.09 1.41 -1.92	77.29 1.62 -2.04	79.09 2.08 -2.45	79.37 2.21 -3.53	78.96 2.31 -2.09	78.81 2.30 -2.26	79.01 2.31 -2.17	77.08 2.18 -2.02	74.91 2.12 -2.03	74.70 2.05 -2.04	76.83 2.18 -1.92	77.13 2.25 -2.53	79.41 2.39 -2.30	92.33 2.95 -2.78	87.80 2.80 -2.60	79.24 2.45 -2.47	78.37 2.22 -1.98	75.95 1.93 -2.59	78.46 1.86 -2.36	78.02 1.71 -2.06
ONEIDA___115KV_TB4 55905	80.09 2.73 -3.65	77.78 2.51 -3.49	76.37 2.48 -3.13	75.85 2.19 -3.13	76.95 2.48 -3.72	80.45 2.87 -3.95	82.73 3.43 -4.74	83.78 3.31 -6.84	82.18 3.58 -4.05	82.04 3.42 -4.38	82.20 3.43 -4.24	79.99 3.21 -3.90	77.80 3.11 -3.93	77.51 2.97 -3.94	79.64 3.20 -3.71	80.58 3.33 -4.89	82.67 3.51 -4.45	96.23 4.24 -5.39	91.47 4.04 -5.04	82.52 3.42 -4.78	81.27 3.26 -3.84	79.23 2.79 -5.02	81.63 2.82 -4.56	81.07 2.82 -4.00
ONONDAGA_REF_OCCRA 23987	80.72 -0.07 -7.08	78.26 -0.29 -6.77	76.62 -0.21 -6.08	76.11 -0.49 -6.06	77.69 -0.28 -7.21	81.22 -0.07 -7.67	84.04 0.30 -9.19	87.04 0.15 -13.26	82.55 0.15 -7.85	82.82 0.07 -8.50	82.77 0.00 -8.24	80.40 -0.22 -7.74	78.33 -0.28 -7.86	78.14 -0.35 -7.88	80.16 -0.07 -7.51	82.04 0.00 -9.68	83.81 0.30 -8.80	97.66 0.61 -10.46	92.75 0.58 -9.78	83.89 0.30 -9.27	81.91 0.30 -7.45	81.01 0.30 -9.73	83.09 0.00 -8.85	82.00 0.00 -7.75
ONONDAGA___COGEN 23986	80.62 0.15 -6.76	78.17 -0.07 -6.46	76.49 -0.07 -5.80	76.04 -0.28 -5.79	77.50 -0.14 -6.89	81.02 0.07 -7.32	83.85 0.52 -8.77	86.58 0.29 -12.66	82.42 0.37 -7.49	82.58 0.22 -8.11	82.55 0.15 -7.87	80.19 -0.07 -7.39	78.06 -0.14 -7.44	77.86 -0.21 -7.46	79.91 0.07 -7.11	81.59 0.30 -9.16	83.34 0.69 -8.33	97.27 0.66 -9.98	92.39 0.66 -9.33	83.54 0.37 -8.85	81.65 0.37 -7.11	80.72 0.00 -9.29	82.84 0.15 -8.45	81.80 0.15 -7.40
ONTARIO___LFGE 23819	82.30 -0.59 -9.19	79.78 -0.79 -8.78	78.00 -0.64 -7.88	77.35 -1.06 -7.86	79.48 -0.64 -9.36	83.14 -0.44 -9.95	87.19 0.00 -12.63	90.47 -0.37 -17.21	86.66 -0.60 -12.71	85.21 -0.82 -11.78	84.01 -1.12 -10.60	81.52 -1.31 -9.95	79.57 -1.20 -10.02	79.40 -1.27 -10.06	81.45 -0.95 -9.67	83.58 -1.23 -12.46	87.96 -0.60 -13.85	102.52 -0.17 -16.09	97.60 0.00 -15.21	88.36 -0.52 -14.55	86.80 -0.74 -13.38	83.02 -1.21 -12.81	84.91 -0.82 -11.48	83.94 -0.37 -10.06
ORANGEVILLE_WT_PWR 323706	80.46 -4.64 -11.40	77.79 -4.88 -10.89	76.00 -4.53 -9.78	75.07 -5.22 -9.75	77.69 -4.67 -11.60	81.40 -4.57 -12.33	85.61 -4.62 -15.68	89.00 -5.96 -21.33	84.11 -6.26 -15.81	81.57 -6.53 -13.86	79.03 -6.86 -11.35	76.58 -7.00 -10.70	74.72 -6.79 -10.76	74.85 -6.85 -11.08	78.46 -6.25 -11.99	80.93 -6.88 -15.45	86.72 -5.23 -17.24	100.72 -5.89 -20.02	95.96 -5.35 -18.92	87.00 -5.42 -18.10	85.20 -5.64 -16.68	80.95 -6.36 -15.88	83.06 -5.42 -14.24	82.26 -4.45 -12.47
ORANGEVILLE___ESR 323794	80.46 -4.64 -11.40	77.79 -4.88 -10.89	76.00 -4.53 -9.78	75.07 -5.22 -9.75	77.69 -4.67 -11.60	81.40 -4.57 -12.33	85.61 -4.62 -15.68	89.00 -5.96 -21.33	84.11 -6.26 -15.81	81.57 -6.53 -13.86	79.03 -6.86 -11.35	76.58 -7.00 -10.70	74.72 -6.79 -10.76	74.85 -6.85 -11.08	78.46 -6.25 -11.99	80.93 -6.88 -15.45	86.72 -5.23 -17.24	100.72 -5.89 -20.02	95.96 -5.35 -18.92	87.00 -5.42 -18.10	85.20 -5.64 -16.68	80.95 -6.36 -15.88	83.06 -5.42 -14.24	82.26 -4.45 -12.47
OSWEGATCHIE___HYD 24044	72.48 -2.80 -1.57	70.91 -2.37 -1.50	69.70 -2.41 -1.35	69.49 -2.40 -1.35	69.95 -2.41 -1.60	72.46 -2.87 -1.70	73.69 -2.91 -2.04	74.44 -2.14 -2.95	73.77 -2.54 -1.74	73.68 -2.45 -1.89	73.84 -2.39 -1.70	72.81 -1.75 -1.68	70.90 -1.56 -1.70	70.90 -1.41 -1.71	72.59 -1.75 -1.61	73.03 -1.45 -2.12	74.02 -2.62 -1.93	85.72 -3.20 -2.32	81.52 -3.05 -2.17	74.00 -2.38 -2.06	73.38 -2.45 -1.65	71.66 -1.93 -2.16	73.24 -2.97 -1.97	72.85 -3.12 -1.72
OSWEGO___5 23606	74.97 -2.14 -3.40	72.81 -2.23 -3.25	71.56 -2.12 -2.92	71.19 -2.26 -2.91	72.03 -2.19 -3.47	75.18 -2.14 -3.69	76.96 -2.01 -4.42	77.86 -2.14 -6.37	76.16 -2.16 -3.77	76.05 -2.30 -4.11	76.17 -2.39 -4.03	74.02 -2.55 -3.70	71.97 -2.54 -3.76	71.69 -2.68 -3.76	73.61 -2.62 -3.50	74.22 -2.75 -4.61	76.37 -2.54 -4.20	88.85 -2.77 -5.03	84.45 -2.64 -4.70	76.25 -2.53 -4.45	75.30 -2.45 -3.58	73.60 -2.50 -4.68	76.20 -2.30 -4.25	75.67 -2.30 -3.73

OSWEGO____6 23613	74.97 -2.14 -3.40	72.81 -2.23 -3.25	71.56 -2.12 -2.92	71.19 -2.26 -2.91	72.03 -2.19 -3.47	75.18 -2.14 -3.69	76.96 -2.01 -4.42	77.86 -2.14 -6.37	76.16 -2.16 -3.77	76.05 -2.30 -4.11	76.17 -2.39 -4.03	74.02 -2.55 -3.70	71.97 -2.54 -3.76	71.69 -2.68 -3.76	73.61 -2.62 -3.50	74.22 -2.75 -4.61	76.37 -2.54 -4.20	88.85 -2.77 -5.03	84.45 -2.64 -4.70	76.25 -2.53 -4.45	75.30 -2.45 -3.58	73.60 -2.50 -4.68	76.20 -2.30 -4.25	75.67 -2.30 -3.73
OUTOKUMPU-AB____DRP 24206	78.46 -4.86 -9.62	76.09 -4.88 -9.19	74.27 -4.74 -8.25	73.34 -5.43 -8.23	75.67 -4.88 -9.79	79.11 -4.93 -10.41	82.41 -5.37 -13.22	84.57 -7.07 -18.01	80.56 -7.31 -13.31	78.07 -7.57 -11.40	75.83 -7.60 -8.91	73.56 -7.72 -8.41	71.78 -7.43 -8.45	71.88 -7.56 -8.82	76.16 -6.69 -10.12	78.96 -6.44 -13.04	83.39 -5.83 -14.51	96.78 -6.67 -16.85	92.14 -6.18 -15.93	83.46 -6.09 -15.23	82.47 -5.71 -14.01	77.97 -6.86 -13.40	80.25 -6.01 -12.02	80.10 -4.68 -10.53
OXBOW____BTM 323836	77.87 -5.38 -9.54	75.37 -5.53 -9.12	73.78 -5.16 -8.18	72.85 -5.85 -8.16	75.16 -5.31 -9.71	78.58 -5.37 -10.32	81.70 -5.97 -13.11	83.75 -7.73 -17.86	79.62 -8.12 -13.19	77.23 -8.24 -11.22	74.62 -8.57 -8.66	72.53 -8.53 -8.18	70.84 -8.13 -8.22	71.04 -8.19 -8.62	75.20 -7.57 -10.03	76.82 -8.47 -12.93	82.30 -6.80 -14.38	95.34 -7.97 -16.71	91.01 -7.17 -15.79	82.44 -6.99 -15.10	80.94 -7.12 -13.89	76.79 -7.93 -13.29	79.48 -6.68 -11.91	79.48 -5.20 -10.44
OXBOW____ 24026	77.86 -5.38 -9.54	75.58 -5.31 -9.12	73.77 -5.17 -8.18	72.92 -5.78 -8.16	75.23 -5.24 -9.71	78.58 -5.37 -10.32	81.70 -5.96 -13.11	83.75 -7.73 -17.86	79.77 -7.98 -13.19	77.23 -8.24 -11.22	74.91 -8.27 -8.66	72.61 -8.45 -8.18	70.91 -8.07 -8.22	71.11 -8.12 -8.62	75.49 -7.27 -10.03	78.19 -7.09 -12.93	82.60 -6.50 -14.38	95.86 -7.45 -16.71	91.18 -7.00 -15.79	82.66 -6.76 -15.10	81.75 -6.30 -13.89	77.22 -7.50 -13.29	79.55 -6.61 -11.92	79.49 -5.20 -10.44
OXY_CHEM_DSASP 323612	77.04 -6.12 -9.45	74.86 -5.96 -9.04	73.06 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.90 -5.96 -10.23	80.69 -6.86 -12.99	82.64 -8.69 -17.70	78.68 -8.95 -13.07	76.09 -9.21 -11.05	73.69 -9.24 -8.41	71.43 -9.40 -7.95	69.68 -9.06 -7.98	69.98 -9.04 -8.40	74.53 -8.15 -9.95	77.21 -7.96 -12.81	81.50 -7.47 -14.25	94.50 -8.66 -16.56	89.97 -8.07 -15.65	81.49 -7.80 -14.97	80.66 -7.27 -13.76	76.24 -8.36 -13.17	78.56 -7.50 -11.81	78.65 -5.94 -10.35
OZONE_PARK_ESR 323760	138.56 7.67 -57.18	133.68 7.25 -54.66	126.60 6.79 -49.05	126.09 6.63 -48.92	135.70 6.72 -58.22	142.74 7.22 -61.89	160.22 7.23 -78.43	187.98 7.29 -107.06	160.84 7.75 -78.53	155.77 8.17 -73.36	149.68 8.65 -66.50	148.03 8.45 -66.70	144.18 8.28 -65.15	144.25 8.26 -65.38	145.63 8.65 -64.25	158.09 8.25 -77.49	168.66 8.29 -85.66	196.09 9.87 -99.62	185.82 9.31 -94.12	172.65 8.32 -90.00	164.87 8.23 -82.47	158.93 7.86 -79.65	153.70 8.02 -71.44	145.45 8.61 -62.59
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	77.04 -6.12 -9.45	74.86 -5.96 -9.04	73.06 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.90 -5.96 -10.23	80.69 -6.86 -12.99	82.64 -8.69 -17.70	78.68 -8.95 -13.07	76.09 -9.21 -11.05	73.69 -9.24 -8.41	71.43 -9.40 -7.95	69.68 -9.06 -7.98	69.98 -9.04 -8.40	74.53 -8.15 -9.95	77.21 -7.96 -12.81	81.50 -7.47 -14.25	94.50 -8.66 -16.56	89.97 -8.07 -15.65	81.49 -7.80 -14.97	80.66 -7.27 -13.76	76.24 -8.36 -13.17	78.56 -7.50 -11.81	78.65 -5.94 -10.35
PACKARD__115KV_DUPONT_184 80571	77.04 -6.12 -9.45	74.86 -5.96 -9.04	73.06 -5.80 -8.11	72.21 -6.42 -8.09	74.51 -5.87 -9.63	77.90 -5.96 -10.23	80.69 -6.86 -12.99	82.64 -8.69 -17.70	78.68 -8.95 -13.07	76.09 -9.21 -11.05	73.69 -9.24 -8.41	71.43 -9.40 -7.95	69.68 -9.06 -7.98	69.98 -9.04 -8.40	74.53 -8.15 -9.95	77.21 -7.96 -12.81	81.50 -7.47 -14.25	94.50 -8.66 -16.56	89.97 -8.07 -15.65	81.49 -7.80 -14.97	80.66 -7.27 -13.76	76.24 -8.36 -13.17	78.56 -7.50 -11.81	78.65 -5.94 -10.35
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	138.20 7.30 -57.20	133.41 6.96 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.68 7.14 -61.91	159.85 6.86 -78.44	187.10 6.41 -107.07	159.80 6.71 -78.54	155.04 7.42 -73.37	149.17 8.12 -66.52	147.61 8.02 -66.72	143.63 7.71 -65.16	143.56 7.56 -65.39	145.06 8.07 -64.26	157.53 7.67 -77.50	167.77 7.40 -85.66	194.97 8.75 -99.62	184.84 8.32 -94.12	171.69 7.36 -90.01	164.06 7.42 -82.48	158.44 7.36 -79.66	153.49 7.80 -71.45	144.79 7.94 -62.60
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	139.01 8.11 -57.20	134.20 7.75 -54.67	127.11 7.29 -49.07	126.60 7.12 -48.93	136.21 7.22 -58.24	143.49 7.95 -61.91	160.60 7.60 -78.44	187.84 7.14 -107.07	160.55 7.46 -78.54	155.71 8.09 -73.37	149.91 8.87 -66.52	148.26 8.67 -66.72	144.27 8.35 -65.16	144.19 8.19 -65.39	145.79 8.80 -64.26	158.25 8.39 -77.50	168.52 8.14 -85.66	195.92 9.70 -99.62	185.66 9.15 -94.12	172.43 8.10 -90.01	164.87 8.23 -82.48	159.16 8.07 -79.66	154.24 8.54 -71.45	145.61 8.76 -62.60
PATROON__115KV_TB1 80586	152.86 3.69 -75.46	147.49 3.59 -72.13	139.03 3.54 -64.74	138.55 3.46 -64.55	151.13 3.54 -76.84	158.99 3.68 -81.68	189.82 3.80 -111.46	218.52 3.61 -141.28	210.37 3.80 -132.01	183.89 3.86 -105.78	166.34 3.95 -87.86	156.95 3.79 -80.29	156.31 3.68 -81.88	156.35 3.67 -82.07	153.51 3.56 -77.22	177.87 3.26 -102.26	219.56 3.44 -141.41	250.41 3.98 -159.83	238.68 3.71 -152.58	224.74 3.27 -147.15	228.06 3.34 -150.56	181.82 3.21 -107.18	172.31 3.79 -94.28	160.48 3.64 -82.59
PATTRSNVILLE__SOLAR 323815	156.88 3.83 -79.35	151.28 3.66 -75.84	142.43 3.61 -68.07	141.87 3.46 -67.88	155.15 3.61 -80.79	163.34 3.83 -85.88	201.90 4.10 -123.25	226.08 3.90 -148.55	238.89 3.95 -160.38	195.95 3.71 -117.99	170.50 3.65 -92.32	160.71 3.43 -84.41	160.08 3.26 -86.06	160.13 3.25 -86.27	157.53 3.56 -81.24	183.63 3.76 -107.52	249.24 4.26 -170.27	281.44 5.20 -189.64	269.35 4.94 -182.01	254.93 4.31 -176.30	268.52 4.30 -190.05	189.62 3.93 -114.26	177.38 4.01 -99.13	165.17 4.08 -86.84
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	78.53 -5.68 -10.50	76.14 -5.67 -10.04	74.24 -5.52 -9.01	73.32 -6.21 -8.98	75.79 -5.66 -10.69	79.25 -5.74 -11.36	83.25 -5.74 -14.44	85.99 -7.29 -19.66	81.58 -7.53 -14.55	79.00 -7.80 -12.55	76.75 -7.75 -9.97	74.56 -7.72 -9.41	72.71 -7.50 -9.46	72.81 -7.63 -9.83	76.86 -6.91 -11.05	79.86 -6.73 -14.23	84.45 -6.13 -15.86	98.18 -6.84 -18.42	93.38 -6.43 -17.41	84.66 -6.32 -16.65	83.42 -6.08 -15.33	78.92 -7.14 -14.63	80.83 -6.53 -13.12	80.39 -5.35 -11.49
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	138.56 7.15 -57.71	133.75 6.82 -55.16	126.77 6.51 -49.50	126.26 6.35 -49.37	135.95 6.44 -58.76	143.08 6.99 -62.46	161.14 7.38 -79.20	189.10 7.44 -108.04	162.28 8.28 -79.44	156.80 8.46 -74.10	150.58 8.94 -67.11	148.69 8.60 -67.22	144.57 8.14 -65.68	144.43 7.91 -65.91	145.38 7.93 -64.73	158.27 7.74 -78.17	169.62 8.29 -86.62	197.28 9.96 -100.72	186.96 9.39 -95.18	173.67 8.32 -91.02	165.91 8.23 -83.51	159.53 7.71 -80.39	154.13 7.80 -72.09	145.20 7.80 -63.16
PEEKSKILL____ 23653	136.50 6.19 -56.60	131.77 5.89 -54.10	124.90 5.59 -48.56	124.39 5.43 -48.42	133.91 5.52 -57.63	141.00 6.11 -61.27	158.08 5.89 -77.64	185.64 6.04 -105.97	158.63 6.33 -77.74	153.40 6.54 -72.62	147.29 6.93 -65.83	145.56 6.70 -65.99	141.59 6.37 -64.46	141.59 6.28 -64.69	143.05 6.76 -63.56	155.57 6.51 -76.70	166.53 7.02 -84.79	193.44 8.23 -98.61	183.30 7.74 -93.17	170.25 6.83 -89.09	162.62 6.82 -81.64	156.55 6.29 -78.84	151.56 6.61 -70.71	143.02 6.83 -61.95

PGE MADISON___WINDPWR 24146	99.54 6.93 -18.91	96.10 6.24 -18.07	92.99 6.01 -16.22	92.22 5.51 -16.18	96.10 6.09 -19.26	100.94 6.85 -20.47	109.05 7.90 -26.59	116.91 7.88 -35.40	110.68 7.83 -28.30	106.47 7.35 -24.88	103.56 7.31 -21.72	100.22 6.93 -20.42	97.89 6.58 -20.56	97.69 6.42 -20.65	99.47 6.83 -19.91	104.87 6.88 -25.63	113.52 8.14 -30.66	132.08 10.21 -35.27	125.98 10.13 -33.45	114.96 8.54 -32.09	112.88 8.01 -30.70	104.79 6.86 -26.51	105.07 7.20 -23.62	102.22 7.28 -20.70
PIERCEFIELD___HYD 23852	69.73 -3.98 0.00	68.62 -3.16 0.00	67.64 -3.11 0.00	67.65 -2.89 0.00	67.64 -3.11 0.00	69.80 -3.83 0.00	69.71 -4.85 0.00	69.95 -3.68 0.00	69.93 -4.62 0.00	69.86 -4.38 0.00	69.57 -4.77 0.19	69.60 -3.28 0.00	68.00 -2.76 0.00	68.07 -2.54 0.00	69.24 -3.49 0.00	68.96 -3.40 0.00	70.01 -4.71 0.00	80.36 -6.23 0.00	76.46 -5.93 0.00	69.79 -4.53 0.00	69.27 -4.90 0.00	68.28 -3.14 0.00	69.94 -4.31 0.00	69.72 -4.53 0.00
PINELAWN_CC_1 323563	146.94 9.21 -64.02	135.45 8.97 -54.70	127.89 8.06 -49.07	127.44 7.97 -48.93	137.27 8.27 -58.24	144.69 9.13 -61.94	165.53 8.57 -82.40	202.76 8.76 -120.38	182.71 9.09 -99.06	156.53 8.91 -73.38	152.04 9.76 -67.75	151.93 9.40 -69.65	151.74 8.77 -72.22	146.96 8.68 -67.67	151.93 9.31 -69.89	162.18 9.12 -80.71	190.66 9.78 -106.16	263.43 11.61 -165.23	222.33 10.96 -128.98	215.22 9.73 -131.16	190.11 9.71 -106.23	186.90 8.78 -106.69	154.90 9.20 -71.46	150.15 9.88 -66.03
PJM_GEN_HTP_PROXY 323702	137.89 7.01 -57.18	133.10 6.68 -54.65	126.10 6.30 -49.05	125.59 6.13 -48.91	135.20 6.23 -58.22	142.36 6.85 -61.89	159.46 6.48 -78.42	187.37 6.70 -107.05	160.31 7.23 -78.52	155.09 7.50 -73.35	148.92 7.90 -66.50	147.22 7.65 -66.70	143.19 7.29 -65.14	143.19 7.21 -65.37	144.75 7.79 -64.24	157.29 7.45 -77.48	168.20 7.84 -85.65	195.38 9.17 -99.61	185.15 8.65 -94.11	171.97 7.66 -89.99	164.27 7.64 -82.46	158.07 7.00 -79.64	153.17 7.50 -71.43	144.62 7.79 -62.58
PJM_GEN_KEystone 24065	56.11 0.74 18.33	53.90 0.57 18.45	52.23 0.50 19.03	52.11 0.21 18.64	54.27 0.50 16.99	59.59 0.74 14.77	77.60 0.53 -2.52	97.39 0.00 -23.76	80.07 0.00 -5.51	76.59 0.07 -2.27	73.99 0.15 0.69	71.16 0.07 1.79	68.76 0.00 2.00	68.06 -0.07 2.48	68.18 0.44 4.99	71.37 0.00 0.99	78.50 0.90 -2.89	97.50 1.12 -9.78	91.46 1.07 -8.00	78.97 0.67 -3.98	75.88 0.67 -1.05	73.40 0.00 -1.97	71.28 0.59 3.56	68.34 1.18 7.09
PJM_GEN_NEPTUNE_PROXY 323594	144.19 7.67 -62.82	133.93 7.46 -54.69	126.55 6.73 -49.07	126.10 6.63 -48.93	135.86 6.86 -58.24	143.14 7.59 -61.93	160.23 7.23 -78.45	197.75 7.29 -116.83	177.45 7.68 -95.21	155.12 7.50 -73.38	150.41 8.35 -67.53	150.03 8.02 -69.14	149.23 7.50 -70.97	145.36 7.48 -67.27	149.62 8.00 -68.90	159.97 7.82 -79.79	185.48 8.22 -102.55	249.86 9.61 -153.65	214.28 9.06 -122.83	206.33 8.10 -123.90	184.30 8.09 -102.04	180.71 7.36 -101.92	153.42 7.72 -71.45	147.99 8.31 -65.43
PJM_GEN_VFT_PROXY 323633	59.40 6.78 21.08	59.16 6.46 19.08	56.37 6.01 20.40	56.94 5.85 19.45	59.80 5.94 16.90	62.04 6.55 18.14	63.04 6.18 17.70	67.43 6.40 12.60	67.43 7.01 14.13	65.62 7.28 15.91	70.32 7.68 11.89	69.33 7.51 11.05	68.28 7.14 9.62	66.21 7.06 11.46	65.02 7.63 15.34	70.47 7.23 9.12	71.97 7.62 10.37	71.96 8.84 23.47	71.96 8.32 18.75	71.71 7.36 9.97	71.71 7.42 9.87	71.71 6.79 6.51	64.26 7.28 17.27	57.99 7.72 23.98
PLATSBURG_115KV_PMLD1 355749	71.72 -1.99 0.00	70.13 -1.65 0.00	69.20 -1.56 0.00	69.20 -1.34 0.00	69.20 -1.56 0.00	71.64 -1.99 0.00	71.65 -2.91 0.00	71.35 -2.28 0.00	71.80 -2.76 0.00	71.57 -2.67 0.00	71.70 -2.83 0.00	70.54 -2.33 0.00	68.63 -2.12 0.00	68.63 -1.98 0.00	70.33 -2.40 0.00	69.97 -2.39 0.00	71.87 -2.84 0.00	82.53 -4.07 0.00	78.52 -3.87 0.00	71.57 -2.75 0.00	71.20 -2.97 0.00	69.14 -2.29 0.00	71.28 -2.97 0.00	71.80 -2.45 0.00
PLEASANTVLY___LBMP 24000	139.22 5.68 -59.83	134.35 5.38 -57.19	127.25 5.17 -51.33	126.80 5.08 -51.18	136.77 5.09 -60.92	143.91 5.52 -64.76	162.13 5.52 -82.05	191.09 5.45 -112.02	162.51 5.82 -82.13	157.09 6.09 -76.75	150.45 6.33 -69.59	149.05 6.19 -69.98	145.11 6.09 -68.27	145.12 6.00 -68.51	146.45 6.33 -67.40	159.58 6.15 -81.08	170.65 6.35 -89.59	198.24 7.45 -104.20	187.92 7.09 -98.44	174.78 6.32 -94.14	166.64 6.23 -86.24	160.69 5.93 -83.33	155.08 6.09 -74.75	145.97 6.24 -65.49
PLSNTVLE_13_KV_13.8KVDIST 80602	137.69 6.41 -57.57	132.90 6.10 -55.02	125.87 5.73 -49.38	125.43 5.64 -49.25	135.10 5.73 -58.62	142.12 6.18 -62.31	159.70 6.19 -78.96	187.66 6.26 -107.78	160.17 6.56 -79.05	155.00 6.90 -73.85	148.78 7.30 -66.95	147.19 7.14 -67.18	143.29 6.93 -65.60	143.29 6.85 -65.83	144.63 7.20 -64.70	157.31 6.95 -78.01	168.04 7.10 -86.23	195.37 8.49 -100.28	185.13 7.99 -94.75	172.06 7.14 -90.60	164.23 7.05 -83.02	158.25 6.64 -80.18	152.99 6.83 -71.92	144.31 7.05 -63.01
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	137.69 6.41 -57.57	132.90 6.10 -55.02	125.87 5.73 -49.38	125.43 5.64 -49.25	135.10 5.73 -58.62	142.12 6.18 -62.31	159.70 6.19 -78.96	187.66 6.26 -107.78	160.17 6.56 -79.05	155.00 6.90 -73.85	148.78 7.30 -66.95	147.19 7.14 -67.18	143.29 6.93 -65.60	143.29 6.85 -65.83	144.63 7.20 -64.70	157.31 6.95 -78.01	168.04 7.10 -86.23	195.37 8.49 -100.28	185.13 7.99 -94.75	172.06 7.14 -90.60	164.23 7.05 -83.02	158.25 6.64 -80.18	152.99 6.83 -71.92	144.31 7.05 -63.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	138.61 6.41 -58.49	133.79 6.10 -55.91	126.81 5.87 -50.18	126.36 5.78 -50.04	136.19 5.87 -59.56	143.34 6.41 -63.31	161.38 6.41 -80.41	189.54 6.41 -109.51	162.33 6.78 -80.99	156.40 6.90 -75.25	149.64 7.08 -68.03	147.63 6.85 -67.90	143.80 6.58 -66.46	143.80 6.50 -66.69	144.96 6.84 -65.40	158.34 6.73 -79.26	170.24 7.25 -88.28	197.90 8.75 -102.56	187.57 8.24 -96.93	174.40 7.36 -92.72	166.62 7.12 -85.33	159.66 6.71 -81.52	154.15 6.83 -73.07	145.10 6.83 -64.02
POLETTI_____ 23519	137.82 6.93 -57.18	132.97 6.53 -54.66	125.97 6.16 -49.05	125.46 6.00 -48.92	135.00 6.01 -58.22	142.07 6.55 -61.89	155.60 6.34 -74.71	158.77 6.33 -78.81	158.76 6.86 -77.35	154.87 7.28 -73.35	148.86 7.83 -66.50	147.23 7.65 -66.70	143.47 7.57 -65.15	143.47 7.48 -65.38	144.83 7.85 -64.25	156.91 7.31 -77.25	156.73 7.25 -74.77	156.89 8.66 -61.64	156.91 8.16 -66.36	156.70 7.21 -75.16	156.62 7.19 -75.25	156.92 6.86 -78.64	152.81 7.13 -71.44	144.78 7.94 -62.59
POMONA___ESR 323819	134.72 5.90 -55.11	130.06 5.60 -52.67	123.34 5.31 -47.28	122.83 5.15 -47.15	132.11 5.24 -56.12	139.09 5.82 -59.65	155.75 5.59 -75.59	182.48 5.67 -103.18	156.15 5.89 -75.70	150.96 6.01 -70.71	145.03 6.41 -64.09	143.21 6.19 -64.14	139.33 5.87 -62.71	139.33 5.79 -62.93	140.77 6.26 -61.79	152.97 5.93 -74.68	163.78 6.50 -82.57	190.25 7.62 -96.03	180.28 7.16 -90.73	167.48 6.39 -86.76	159.98 6.30 -79.51	153.97 5.78 -76.76	149.18 6.09 -68.85	140.87 6.31 -60.32
PORT_JEFF_3 23555	147.91 10.17 -64.03	136.31 9.83 -54.70	128.74 8.92 -49.07	128.29 8.82 -48.93	138.19 9.19 -58.24	145.65 10.09 -61.94	225.11 9.32 -141.23	225.08 9.43 -142.03	187.75 9.84 -103.35	157.05 9.43 -73.38	152.56 10.29 -67.75	152.51 9.98 -69.65	152.31 9.34 -72.22	147.39 9.11 -67.67	152.43 9.81 -69.89	162.15 9.40 -80.39	191.34 10.46 -106.16	263.69 11.86 -165.23	222.74 11.37 -128.98	215.67 10.18 -131.16	190.71 10.31 -106.23	187.33 9.22 -106.69	155.35 9.65 -71.45	150.75 10.47 -66.03

PORT_JEFF_4 23616	147.91 10.17 -64.03	136.31 9.83 -54.70	128.74 8.92 -49.07	128.29 8.82 -48.93	138.19 9.19 -58.24	145.65 10.09 -61.94	225.11 9.32 -141.23	225.08 9.43 -142.03	187.75 9.84 -103.35	157.05 9.43 -73.38	152.56 10.29 -67.75	152.51 9.98 -69.65	152.31 9.34 -72.22	147.39 9.11 -67.67	152.43 9.81 -69.89	162.15 9.40 -80.39	191.34 10.46 -106.16	263.69 11.86 -165.23	222.74 11.37 -128.98	215.67 10.18 -131.16	190.71 10.31 -106.23	187.33 9.22 -106.69	155.35 9.65 -71.45	150.75 10.47 -66.03
PORT_JEFF_IC 23713	147.90 10.17 -64.03	136.31 9.83 -54.70	128.74 8.92 -49.07	128.15 8.68 -48.93	138.12 9.13 -58.24	145.58 10.01 -61.94	235.64 9.47 -151.61	228.75 9.28 -145.85	188.51 9.84 -104.11	157.13 9.50 -73.38	152.49 10.21 -67.75	152.58 10.06 -69.65	152.52 9.55 -72.22	147.60 9.32 -67.67	152.51 9.89 -69.89	162.16 9.41 -80.39	190.29 9.41 -106.16	262.82 11.00 -165.23	221.83 10.46 -128.98	215.30 9.81 -131.16	189.97 9.57 -106.23	186.83 8.71 -106.69	155.43 9.73 -71.45	150.60 10.32 -66.03
PPL PILGRIM_ST_GT1 24216	147.91 10.17 -64.03	136.38 9.91 -54.70	128.88 9.06 -49.07	128.36 8.89 -48.93	138.26 9.27 -58.24	145.73 10.16 -61.94	174.76 9.24 -90.96	206.72 9.57 -123.52	184.01 9.76 -99.69	157.42 9.80 -73.38	152.93 10.66 -67.75	152.87 10.34 -69.65	152.67 9.69 -72.22	147.74 9.46 -67.67	152.80 10.18 -69.89	162.72 9.91 -80.45	191.79 10.91 -106.16	264.56 12.73 -165.23	223.48 12.12 -128.98	216.26 10.77 -131.16	191.15 10.75 -106.23	187.75 9.64 -106.69	155.80 10.10 -71.45	151.04 10.76 -66.03
PPL PILGRIM_ST_GT2 24217	147.91 10.17 -64.03	136.38 9.91 -54.70	128.88 9.06 -49.07	128.36 8.89 -48.93	138.26 9.27 -58.24	145.73 10.16 -61.94	174.76 9.24 -90.96	206.72 9.57 -123.52	184.01 9.76 -99.69	157.42 9.80 -73.38	152.93 10.66 -67.75	152.87 10.34 -69.65	152.67 9.69 -72.22	147.74 9.46 -67.67	152.80 10.18 -69.89	162.72 9.91 -80.45	191.79 10.91 -106.16	264.56 12.73 -165.23	223.48 12.12 -128.98	216.26 10.77 -131.16	191.15 10.75 -106.23	187.75 9.64 -106.69	155.80 10.10 -71.45	151.04 10.76 -66.03
PPL_SHRM_GT3 24213	148.42 10.68 -64.03	136.81 10.34 -54.70	129.16 9.34 -49.07	128.64 9.17 -48.93	138.62 9.62 -58.24	146.17 10.60 -61.94	224.70 9.84 -140.30	225.32 10.01 -141.68	188.20 10.36 -103.28	156.68 9.05 -73.38	152.11 9.84 -67.75	152.00 9.47 -69.65	151.74 8.77 -72.22	146.75 8.47 -67.67	151.93 9.31 -69.89	161.50 8.75 -80.39	191.04 10.16 -106.16	263.17 11.34 -165.23	222.24 10.87 -128.98	215.45 9.96 -131.16	190.34 9.94 -106.23	186.90 8.78 -106.69	154.83 9.13 -71.45	150.52 10.25 -66.03
PPL_SHRM_GT4 24214	148.42 10.68 -64.03	136.81 10.34 -54.70	129.16 9.34 -49.07	128.64 9.17 -48.93	138.62 9.62 -58.24	146.17 10.60 -61.94	224.70 9.84 -140.30	225.32 10.01 -141.68	188.20 10.36 -103.28	156.68 9.05 -73.38	152.11 9.84 -67.75	152.00 9.47 -69.65	151.74 8.77 -72.22	146.75 8.47 -67.67	151.93 9.31 -69.89	161.50 8.75 -80.39	191.04 10.16 -106.16	263.17 11.34 -165.23	222.24 10.87 -128.98	215.45 9.96 -131.16	190.34 9.94 -106.23	186.90 8.78 -106.69	154.83 9.13 -71.45	150.52 10.25 -66.03
PROJECT___ORANGE 1 24174	78.99 -0.52 -5.80	76.61 -0.72 -5.55	75.10 -0.64 -4.98	74.66 -0.85 -4.96	75.96 -0.71 -5.91	79.39 -0.52 -6.28	81.93 -0.15 -7.53	84.20 -0.29 -10.86	80.98 0.00 -6.43	81.06 -0.15 -6.96	81.20 -0.07 -6.75	78.92 -0.29 -6.34	76.51 -0.42 -6.18	76.31 -0.49 -6.19	78.41 -0.22 -5.90	79.75 -0.22 -7.61	81.41 -0.22 -6.92	95.08 -0.09 -8.57	90.32 -0.08 -8.01	81.62 -0.30 -7.59	80.05 -0.22 -6.10	78.75 -0.64 -7.97	80.97 -0.52 -7.25	80.15 -0.45 -6.35
PROJECT___ORANGE 2 24166	78.99 -0.52 -5.80	76.61 -0.72 -5.55	75.10 -0.64 -4.98	74.66 -0.85 -4.96	75.96 -0.71 -5.91	79.39 -0.52 -6.28	81.93 -0.15 -7.53	84.20 -0.29 -10.86	80.98 0.00 -6.43	81.06 -0.15 -6.96	81.20 -0.07 -6.75	78.92 -0.29 -6.34	76.51 -0.42 -6.18	76.31 -0.49 -6.19	78.41 -0.22 -5.90	79.75 -0.22 -7.61	81.41 -0.22 -6.92	95.08 -0.09 -8.57	90.32 -0.08 -8.01	81.62 -0.30 -7.59	80.05 -0.22 -6.10	78.75 -0.64 -7.97	80.97 -0.52 -7.25	80.15 -0.45 -6.35
PUCKETT___SOLAR 323809	96.05 2.14 -20.20	92.95 1.86 -19.31	89.92 1.84 -17.33	89.31 1.48 -17.28	93.10 1.77 -20.57	97.70 2.21 -21.87	105.36 2.68 -28.12	113.81 2.36 -37.82	106.02 2.23 -29.23	102.45 2.01 -26.20	99.52 1.93 -23.06	96.23 1.68 -21.68	94.21 1.63 -21.82	94.05 1.49 -21.95	95.96 1.96 -21.27	101.69 1.95 -27.38	109.30 2.84 -31.75	126.91 3.64 -36.68	120.75 3.62 -34.73	110.50 2.90 -33.28	108.23 2.75 -31.32	101.75 2.07 -28.25	101.86 2.38 -25.24	98.88 2.53 -22.11
PYRITES___HYD 24023	71.79 -1.92 0.00	70.63 -1.15 0.00	69.62 -1.13 0.00	69.55 -0.99 0.00	69.48 -1.27 0.00	71.71 -1.91 0.00	71.80 -2.76 0.00	72.01 -1.62 0.00	72.02 -2.53 0.00	71.94 -2.30 0.00	71.57 -2.76 0.20	71.56 -1.31 0.00	69.91 -0.85 0.00	69.98 -0.64 0.00	71.20 -1.53 0.00	70.84 -1.52 0.00	72.02 -2.69 0.00	82.79 -3.81 0.00	78.85 -3.54 0.00	71.94 -2.38 0.00	71.35 -2.82 0.00	70.21 -1.21 0.00	71.87 -2.38 0.00	71.65 -2.60 0.00
QUAKERRD_115KV_BK1 80622	77.77 -3.32 -7.38	75.46 -3.37 -7.05	73.76 -3.33 -6.33	73.18 -3.67 -6.31	74.94 -3.33 -7.51	78.30 -3.31 -7.98	80.99 -3.13 -9.57	83.76 -3.68 -13.81	78.93 -3.80 -8.17	79.35 -3.86 -8.97	79.44 -3.95 -8.87	77.04 -4.15 -8.32	75.18 -3.96 -8.38	74.80 -4.17 -8.36	76.77 -3.71 -7.76	78.81 -3.55 -10.00	80.67 -3.14 -9.09	94.11 -3.38 -10.89	89.36 -3.21 -10.18	80.63 -3.34 -9.65	78.81 -3.12 -7.76	77.70 -3.86 -10.13	79.90 -3.56 -9.21	79.05 -3.27 -8.07
QUEENSBRY_115KV_TB8 356137	157.30 6.34 -77.26	151.72 6.10 -73.84	143.05 6.01 -66.27	142.49 5.85 -66.09	155.51 6.09 -78.66	161.96 4.71 -83.62	199.56 5.37 -119.64	223.49 5.23 -144.64	234.85 5.44 -154.85	194.09 5.35 -114.50	170.06 5.59 -89.95	160.35 5.17 -82.30	159.52 4.88 -83.88	159.56 4.87 -84.08	157.20 5.31 -79.16	182.40 5.35 -104.69	245.02 5.83 -164.48	277.04 7.10 -183.34	264.81 6.51 -175.91	250.32 5.65 -170.35	263.07 5.79 -183.12	187.66 5.07 -111.16	175.74 4.97 -96.52	165.41 6.61 -84.56
RAMAPO___LBMP 323565	134.16 5.53 -54.92	129.51 5.24 -52.50	122.83 4.95 -47.12	122.39 4.87 -46.98	131.56 4.88 -55.92	138.45 5.37 -59.45	155.26 5.37 -75.34	181.76 5.30 -102.83	155.60 5.59 -75.45	150.50 5.79 -70.47	144.58 6.19 -63.87	142.76 5.98 -63.91	139.12 5.87 -62.49	139.11 5.79 -62.71	140.40 6.11 -61.56	152.64 5.86 -74.42	162.98 5.98 -82.29	189.48 7.19 -95.70	179.65 6.84 -90.42	166.81 6.02 -86.46	159.34 5.93 -79.24	153.57 5.64 -76.50	148.58 5.72 -68.62	140.37 6.01 -60.11
RANKINE____ 23646	79.07 -4.86 -10.23	76.60 -4.95 -9.77	74.72 -4.81 -8.77	73.86 -5.43 -8.75	76.29 -4.88 -10.41	79.76 -4.93 -11.07	83.54 -5.07 -14.06	86.07 -6.70 -19.14	81.71 -7.01 -14.16	79.21 -7.20 -12.17	76.88 -7.23 -9.59	74.57 -7.36 -9.05	72.77 -7.08 -9.09	72.88 -7.20 -9.47	77.08 -6.40 -10.76	80.07 -6.15 -13.86	84.62 -5.53 -15.44	98.29 -6.23 -17.93	93.49 -5.85 -16.95	84.74 -5.80 -16.21	83.67 -5.41 -14.92	79.11 -6.57 -14.25	81.23 -5.79 -12.77	80.83 -4.60 -11.19
RAVENSWOOD_GT2_1 24244	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.94 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.91 7.93 -64.25	157.38 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.76 7.43 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.97 7.28 -71.44	144.63 7.80 -62.59



RAVENSWOOD_GT2_2 24245	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.94 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.91 7.93 -64.25	157.38 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.76 7.43 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.97 7.28 -71.44	144.63 7.80 -62.59
RAVENSWOOD_GT2_3 24246	137.90 7.00 -57.19	133.11 6.68 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	149.01 7.97 -66.51	147.38 7.80 -66.71	143.55 7.64 -65.15	143.55 7.56 -65.38	144.91 7.93 -64.25	157.38 7.53 -77.49	167.92 7.55 -85.66	195.14 8.92 -99.62	185.00 8.49 -94.12	171.84 7.51 -90.01	164.13 7.49 -82.48	158.22 7.14 -79.65	153.04 7.35 -71.44	144.71 7.87 -62.59
RAVENSWOOD_GT2_4 24247	137.90 7.00 -57.19	133.11 6.68 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	149.01 7.97 -66.51	147.38 7.80 -66.71	143.55 7.64 -65.15	143.55 7.56 -65.38	144.91 7.93 -64.25	157.38 7.53 -77.49	167.92 7.55 -85.66	195.14 8.92 -99.62	185.00 8.49 -94.12	171.84 7.51 -90.01	164.13 7.49 -82.48	158.22 7.14 -79.65	153.04 7.35 -71.44	144.71 7.87 -62.59
RAVENSWOOD_GT3_1 24248	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.94 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.91 7.93 -64.25	157.38 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.84 7.51 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.97 7.28 -71.44	144.71 7.87 -62.59
RAVENSWOOD_GT3_2 24249	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.94 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.91 7.93 -64.25	157.38 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.84 7.51 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.97 7.28 -71.44	144.71 7.87 -62.59
RAVENSWOOD_GT3_3 24250	137.97 7.08 -57.19	133.19 6.75 -54.66	126.11 6.30 -49.06	125.60 6.14 -48.92	135.21 6.23 -58.23	142.23 6.70 -61.90	159.63 6.64 -78.44	187.32 6.63 -107.07	160.25 7.16 -78.54	155.19 7.57 -73.37	149.08 8.05 -66.51	147.45 7.87 -66.71	143.62 7.71 -65.15	143.69 7.70 -65.38	144.98 8.00 -64.25	157.45 7.60 -77.49	168.00 7.62 -85.66	195.23 9.01 -99.62	185.09 8.57 -94.12	171.91 7.58 -90.01	164.21 7.57 -82.48	158.29 7.21 -79.65	153.11 7.42 -71.44	144.78 7.94 -62.59
RAVENSWOOD_GT3_4 24251	137.97 7.08 -57.19	133.19 6.75 -54.66	126.11 6.30 -49.06	125.60 6.14 -48.92	135.21 6.23 -58.23	142.23 6.70 -61.90	159.63 6.64 -78.44	187.32 6.63 -107.07	160.25 7.16 -78.54	155.19 7.57 -73.37	149.08 8.05 -66.51	147.45 7.87 -66.71	143.62 7.71 -65.15	143.69 7.70 -65.38	144.98 8.00 -64.25	157.45 7.60 -77.49	168.00 7.62 -85.66	195.23 9.01 -99.62	185.09 8.57 -94.12	171.91 7.58 -90.01	164.21 7.57 -82.48	158.29 7.21 -79.65	153.11 7.42 -71.44	144.78 7.94 -62.59
RAVENSWOOD_GT_1 23729	138.35 7.44 -57.20	133.48 7.03 -54.67	126.48 6.65 -49.07	125.96 6.49 -48.93	135.58 6.58 -58.24	142.60 7.07 -61.91	159.85 6.86 -78.44	187.39 6.70 -107.07	160.33 7.23 -78.54	155.41 7.80 -73.37	149.39 8.35 -66.52	147.75 8.16 -66.72	143.91 8.00 -65.16	143.98 7.98 -65.39	145.28 8.29 -64.26	157.82 7.96 -77.50	168.22 7.84 -85.66	195.49 9.27 -99.62	185.33 8.82 -94.12	172.14 7.80 -90.01	164.51 7.86 -82.48	158.59 7.50 -79.66	153.42 7.72 -71.45	145.09 8.24 -62.60
RAVENSWOOD_GT_10 24258	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.93 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.83 7.85 -64.25	157.37 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.76 7.43 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.96 7.28 -71.44	144.63 7.80 -62.59
RAVENSWOOD_GT_11 24259	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.93 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.83 7.85 -64.25	157.37 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.76 7.43 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.96 7.28 -71.44	144.63 7.80 -62.59
RAVENSWOOD_GT_4 24252	137.82 6.93 -57.18	132.96 6.53 -54.65	125.97 6.16 -49.05	125.45 6.00 -48.92	135.07 6.09 -58.22	142.07 6.55 -61.89	159.48 6.49 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	154.96 7.35 -73.37	148.86 7.83 -66.50	147.23 7.65 -66.70	143.40 7.50 -65.15	143.47 7.48 -65.38	144.83 7.85 -64.25	157.30 7.45 -77.49	167.85 7.47 -85.66	195.05 8.83 -99.62	184.84 8.32 -94.12	171.76 7.43 -90.01	163.99 7.34 -82.48	158.07 7.00 -79.65	152.89 7.20 -71.44	144.63 7.80 -62.59
RAVENSWOOD_GT_5 24254	137.82 6.93 -57.18	132.96 6.53 -54.65	125.97 6.16 -49.05	125.45 6.00 -48.92	135.07 6.09 -58.22	142.07 6.55 -61.89	159.48 6.49 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	154.96 7.35 -73.37	148.86 7.83 -66.50	147.23 7.65 -66.70	143.40 7.50 -65.15	143.47 7.48 -65.38	144.83 7.85 -64.25	157.30 7.45 -77.49	167.85 7.47 -85.66	195.05 8.83 -99.62	184.84 8.32 -94.12	171.76 7.43 -90.01	163.99 7.34 -82.48	158.07 7.00 -79.65	152.89 7.20 -71.44	144.63 7.80 -62.59
RAVENSWOOD_GT_6 24253	137.82 6.93 -57.18	132.96 6.53 -54.65	125.97 6.16 -49.05	125.45 6.00 -48.92	135.07 6.09 -58.22	142.07 6.55 -61.89	159.48 6.49 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	154.96 7.35 -73.37	148.86 7.83 -66.50	147.23 7.65 -66.70	143.40 7.50 -65.15	143.47 7.48 -65.38	144.83 7.85 -64.25	157.30 7.45 -77.49	167.85 7.47 -85.66	195.05 8.83 -99.62	184.84 8.32 -94.12	171.76 7.43 -90.01	163.99 7.34 -82.48	158.07 7.00 -79.65	152.89 7.20 -71.44	144.63 7.80 -62.59
RAVENSWOOD_GT_7 24255	137.82 6.93 -57.18	132.96 6.53 -54.65	125.97 6.16 -49.05	125.45 6.00 -48.92	135.07 6.09 -58.22	142.07 6.55 -61.89	159.48 6.49 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	154.96 7.35 -73.37	148.86 7.83 -66.50	147.23 7.65 -66.70	143.40 7.50 -65.15	143.47 7.48 -65.38	144.83 7.85 -64.25	157.30 7.45 -77.49	167.85 7.47 -85.66	195.05 8.83 -99.62	184.84 8.32 -94.12	171.76 7.43 -90.01	163.99 7.34 -82.48	158.07 7.00 -79.65	152.89 7.20 -71.44	144.63 7.80 -62.59
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.93 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.83 7.85 -64.25	157.37 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.76 7.43 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.96 7.28 -71.44	144.63 7.80 -62.59

RAVENSWOOD_GT_9 24257	137.90 7.00 -57.19	133.04 6.60 -54.66	126.04 6.23 -49.06	125.53 6.07 -48.92	135.14 6.16 -58.23	142.15 6.63 -61.90	159.55 6.56 -78.44	187.25 6.55 -107.07	160.10 7.01 -78.54	155.04 7.42 -73.37	148.93 7.90 -66.51	147.31 7.72 -66.71	143.48 7.57 -65.15	143.55 7.56 -65.38	144.83 7.85 -64.25	157.37 7.53 -77.49	167.85 7.47 -85.66	195.14 8.92 -99.62	184.92 8.40 -94.12	171.76 7.43 -90.01	164.06 7.42 -82.48	158.15 7.07 -79.65	152.96 7.28 -71.44	144.63 7.80 -62.59
RAVENSWOOD___1 23533	138.34 7.44 -57.20	133.62 7.18 -54.67	126.55 6.73 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	159.63 6.63 -78.44	187.32 6.63 -107.07	160.55 7.45 -78.54	155.48 7.87 -73.37	149.39 8.35 -66.52	147.68 8.09 -66.72	143.70 7.78 -65.16	143.70 7.70 -65.39	145.20 8.22 -64.26	157.75 7.89 -77.50	168.59 8.22 -85.66	195.83 9.61 -99.62	185.50 8.98 -94.12	172.43 8.10 -90.01	164.73 8.09 -82.48	158.59 7.50 -79.66	153.65 7.95 -71.45	145.23 8.39 -62.60
RAVENSWOOD___2 23534	138.34 7.44 -57.20	133.55 7.11 -54.67	126.55 6.73 -49.07	126.03 6.56 -48.93	135.64 6.65 -58.24	142.83 7.29 -61.91	159.56 6.56 -78.44	187.32 6.63 -107.07	160.55 7.45 -78.54	155.48 7.87 -73.37	149.31 8.27 -66.52	147.68 8.09 -66.72	143.63 7.71 -65.16	143.70 7.70 -65.39	145.20 8.22 -64.26	157.68 7.82 -77.50	168.52 8.14 -85.66	195.75 9.53 -99.62	185.50 8.98 -94.12	172.43 8.10 -90.01	164.73 8.09 -82.48	158.52 7.43 -79.66	153.65 7.95 -71.45	145.16 8.31 -62.60
RAVENSWOOD___3 23535	137.97 7.08 -57.19	133.26 6.82 -54.66	126.19 6.37 -49.06	125.67 6.21 -48.92	135.28 6.30 -58.23	142.45 6.92 -61.90	159.56 6.56 -78.44	187.39 6.70 -107.07	160.32 7.23 -78.54	155.11 7.50 -73.37	149.01 7.98 -66.51	147.39 7.80 -66.71	143.34 7.43 -65.15	143.34 7.34 -65.38	144.84 7.86 -64.25	157.38 7.52 -77.49	168.29 7.92 -85.66	195.49 9.27 -99.62	185.17 8.65 -94.12	172.06 7.73 -90.01	164.43 7.79 -82.48	158.22 7.14 -79.65	153.27 7.58 -71.44	144.79 7.95 -62.59
RAVENSWOOD___4 23820	138.34 7.44 -57.20	133.55 7.11 -54.67	126.47 6.65 -49.07	126.03 6.56 -48.93	135.57 6.58 -58.24	142.75 7.22 -61.91	159.56 6.56 -78.44	187.24 6.55 -107.07	160.48 7.38 -78.54	155.41 7.79 -73.37	149.31 8.27 -66.51	147.68 8.09 -66.72	143.63 7.71 -65.16	143.63 7.63 -65.39	145.13 8.14 -64.26	157.67 7.82 -77.50	168.52 8.14 -85.66	195.75 9.53 -99.62	185.42 8.90 -94.12	172.43 8.10 -90.01	164.72 8.09 -82.47	158.51 7.43 -79.66	153.64 7.95 -71.45	145.16 8.31 -62.60
RCPI_TRUST___DRP 24196	137.89 7.00 -57.18	133.03 6.60 -54.65	126.10 6.30 -49.05	125.59 6.14 -48.91	135.20 6.23 -58.22	142.22 6.70 -61.89	159.69 6.71 -78.42	187.45 6.77 -107.05	160.31 7.23 -78.52	155.25 7.65 -73.35	149.07 8.05 -66.50	147.44 7.87 -66.70	143.61 7.71 -65.14	143.68 7.70 -65.37	145.04 8.07 -64.24	157.51 7.67 -77.48	168.06 7.70 -85.65	195.38 9.18 -99.61	185.15 8.65 -94.11	171.97 7.66 -89.99	164.12 7.49 -82.46	158.28 7.21 -79.64	153.10 7.42 -71.43	144.70 7.87 -62.58
RED___ROCHESTER 323720	79.52 -1.77 -7.58	77.01 -2.01 -7.24	75.42 -1.84 -6.50	74.77 -2.26 -6.48	76.57 -1.91 -7.72	79.99 -1.84 -8.20	83.39 -1.57 -10.40	85.46 -2.36 -14.19	82.52 -2.46 -10.42	81.56 -2.52 -9.84	80.78 -2.83 -9.08	78.48 -2.92 -8.52	76.65 -2.69 -8.59	76.28 -2.90 -8.57	78.23 -2.47 -7.97	79.66 -2.97 -10.27	84.37 -1.72 -11.37	97.99 -1.82 -13.22	93.48 -1.40 -12.49	84.48 -1.78 -11.94	83.19 -1.93 -10.95	79.27 -2.71 -10.56	81.78 -1.93 -9.47	80.91 -1.63 -8.30
REGAN___SOLAR 323812	163.02 6.71 -82.61	157.12 6.39 -78.96	147.92 6.30 -70.87	147.28 6.07 -70.67	161.24 6.37 -84.11	169.89 6.85 -89.41	208.41 7.61 -126.25	235.58 7.29 -154.66	241.24 7.09 -159.60	201.30 6.54 -120.52	177.05 6.41 -96.11	166.74 5.90 -87.96	166.06 5.66 -89.64	166.05 5.58 -89.86	163.42 6.03 -84.66	190.81 6.51 -111.94	252.07 7.47 -169.89	286.01 9.36 -190.06	273.24 8.73 -182.11	258.29 7.80 -176.17	268.96 7.79 -187.01	196.92 7.07 -118.42	184.42 6.98 -103.20	171.64 6.98 -90.42
RENSSELAER___COGEN 23796	151.52 3.17 -74.65	146.28 3.15 -71.35	137.90 3.11 -64.04	137.43 3.03 -63.86	149.87 3.11 -76.01	157.66 3.24 -80.80	185.68 3.36 -107.77	216.47 3.09 -139.75	199.47 3.20 -121.71	179.36 3.26 -101.85	164.71 3.28 -86.91	155.43 3.20 -79.35	154.82 3.11 -80.95	154.85 3.10 -81.14	151.96 2.91 -76.32	176.04 2.53 -101.15	208.49 2.77 -131.01	239.04 3.21 -149.24	227.50 3.05 -142.06	213.68 2.67 -136.68	212.72 2.67 -135.89	179.44 2.64 -105.37	170.76 3.26 -93.26	159.06 3.12 -81.70
REPUBLIC_115KV_BARTNBRK 55605	159.91 8.99 -77.21	154.19 8.61 -73.79	145.48 8.49 -66.23	144.77 8.18 -66.05	157.93 8.56 -78.61	164.78 7.58 -83.57	202.84 8.80 -119.49	226.86 8.69 -144.54	237.93 8.87 -154.50	197.35 8.76 -114.34	173.58 9.17 -89.89	163.66 8.53 -82.25	162.51 7.92 -83.83	162.54 7.91 -84.02	160.42 8.58 -79.11	185.51 8.54 -104.62	248.10 9.26 -164.12	280.91 11.34 -182.97	268.24 10.30 -175.55	253.23 8.92 -169.99	266.00 9.20 -182.64	190.57 8.07 -111.07	178.64 7.94 -96.45	168.10 9.35 -84.50
REVERE_CPDR_DRP 24186	80.12 3.32 -3.10	77.75 3.01 -2.96	76.31 2.90 -2.66	75.87 2.68 -2.65	76.81 2.90 -3.15	80.29 3.31 -3.35	82.53 3.95 -4.02	83.40 3.98 -5.80	82.16 4.18 -3.43	82.04 4.08 -3.72	82.29 4.17 -3.59	80.12 3.94 -3.31	77.91 3.82 -3.33	77.62 3.67 -3.34	79.80 3.93 -3.15	80.56 4.05 -4.15	82.75 4.26 -3.77	96.28 5.11 -4.57	91.61 4.94 -4.27	82.61 4.24 -4.05	81.43 4.01 -3.26	79.18 3.50 -4.25	81.60 3.49 -3.87	81.05 3.42 -3.39
REYNOLDS_115KV_TB3 80639	152.22 3.54 -74.97	146.95 3.52 -71.66	138.61 3.54 -64.31	138.13 3.46 -64.13	150.63 3.54 -76.34	158.46 3.68 -81.15	188.65 3.65 -110.44	217.45 3.46 -140.36	208.39 3.73 -130.10	182.80 3.79 -104.76	165.54 3.73 -87.29	156.44 3.64 -79.92	155.79 3.61 -81.43	155.83 3.60 -81.62	153.30 3.71 -76.87	177.57 3.62 -101.59	217.97 3.81 -139.44	248.59 4.24 -157.75	237.05 4.12 -150.54	223.11 3.64 -145.14	225.92 3.71 -148.04	181.33 3.50 -106.40	171.77 3.86 -93.66	159.87 3.56 -82.06
RIVERBAY____ 323610	139.01 8.11 -57.20	134.20 7.75 -54.67	127.11 7.29 -49.07	126.60 7.12 -48.93	136.21 7.22 -58.24	143.49 7.95 -61.91	160.60 7.60 -78.44	187.84 7.14 -107.07	160.55 7.46 -78.54	155.71 8.09 -73.37	149.91 8.87 -66.52	148.26 8.67 -66.72	144.27 8.35 -65.16	144.19 8.19 -65.39	145.79 8.80 -64.26	158.25 8.39 -77.50	168.52 8.14 -85.66	195.92 9.70 -99.62	185.66 9.15 -94.12	172.43 8.10 -90.01	164.87 8.23 -82.48	159.16 8.07 -79.66	154.24 8.54 -71.45	145.61 8.76 -62.60
RIVERSIDE_115KV_TB3 55908	152.18 3.46 -75.01	146.85 3.37 -71.69	138.50 3.40 -64.35	138.02 3.32 -64.17	150.53 3.40 -76.37	158.35 3.53 -81.19	187.82 3.65 -109.61	217.45 3.39 -140.43	205.14 3.58 -127.01	181.70 3.64 -103.82	165.58 3.73 -87.33	156.25 3.57 -79.80	155.61 3.47 -81.38	155.64 3.46 -81.57	152.82 3.35 -76.75	177.11 3.11 -101.64	214.35 3.29 -136.35	245.07 3.81 -154.66	233.47 3.63 -147.45	219.57 3.20 -142.05	220.82 3.19 -143.47	180.72 3.07 -106.22	171.59 3.64 -93.71	159.76 3.42 -82.10
ROARING___BROOK_WT_PWR 323790	72.82 -0.88 0.00	71.06 -0.72 0.00	70.05 -0.71 0.00	69.91 -0.64 0.00	70.05 -0.71 0.00	72.38 -1.25 0.00	73.22 -1.34 0.00	72.67 -0.96 0.00	73.51 -1.04 0.00	73.28 -0.97 0.00	73.56 -0.97 -0.01	71.93 -0.95 0.00	69.77 -0.99 0.00	69.55 -1.06 0.00	71.49 -1.24 0.00	71.13 -1.23 0.00	73.14 -1.57 0.00	84.61 -1.99 0.00	80.41 -1.98 0.00	72.69 -1.64 0.00	72.53 -1.63 0.00	70.07 -1.36 0.00	72.61 -1.63 0.00	72.46 -1.78 0.00

ROCHESRG_115KV_T4 355643	78.72 -2.51 -7.52	76.38 -2.58 -7.18	74.66 -2.55 -6.45	74.08 -2.89 -6.43	75.86 -2.55 -7.65	79.26 -2.50 -8.13	82.41 -2.46 -10.31	84.46 -3.24 -14.07	81.54 -3.36 -10.33	80.55 -3.49 -9.79	80.11 -3.50 -9.08	77.68 -3.72 -8.52	75.73 -3.61 -8.58	75.42 -3.74 -8.55	77.50 -3.13 -7.90	79.58 -2.97 -10.19	83.45 -2.54 -11.27	97.02 -2.68 -13.10	92.30 -2.47 -12.38	83.49 -2.68 -11.84	82.58 -2.45 -10.86	78.54 -3.36 -10.47	80.74 -2.90 -9.39	80.09 -2.38 -8.23
ROCHESTER_9_IC 23652	79.15 -2.14 -7.58	76.80 -2.23 -7.24	75.06 -2.19 -6.50	74.49 -2.54 -6.48	76.28 -2.19 -7.72	79.70 -2.14 -8.20	83.02 -1.94 -10.40	85.09 -2.72 -14.19	82.22 -2.76 -10.42	81.19 -2.90 -9.84	80.63 -2.98 -9.08	78.19 -3.21 -8.52	76.30 -3.04 -8.59	75.93 -3.25 -8.57	78.08 -2.62 -7.97	80.17 -2.46 -10.27	84.14 -1.94 -11.37	97.82 -1.99 -13.22	93.07 -1.81 -12.49	84.11 -2.16 -11.94	83.26 -1.85 -10.95	79.13 -2.86 -10.56	81.34 -2.38 -9.47	80.54 -2.00 -8.30
ROCKVIEW_13_KV_LD 356306	137.67 6.78 -57.19	132.90 6.46 -54.66	125.90 6.09 -49.06	125.39 5.93 -48.92	135.00 6.01 -58.23	142.08 6.55 -61.90	159.55 6.56 -78.43	187.31 6.63 -107.06	160.10 7.01 -78.53	154.96 7.35 -73.36	148.78 7.75 -66.50	147.16 7.58 -66.70	143.33 7.43 -65.15	143.33 7.34 -65.38	144.68 7.71 -64.25	157.23 7.38 -77.49	167.92 7.55 -85.66	195.22 9.01 -99.62	185.08 8.57 -94.12	171.91 7.58 -90.00	164.13 7.49 -82.47	158.15 7.07 -79.65	152.89 7.20 -71.44	144.41 7.57 -62.59
ROME____115KV_TB2 80656	80.12 3.32 -3.10	77.75 3.01 -2.96	76.31 2.90 -2.66	75.87 2.68 -2.65	76.81 2.90 -3.15	80.29 3.31 -3.35	82.53 3.95 -4.02	83.40 3.98 -5.80	82.16 4.18 -3.43	82.04 4.08 -3.72	82.29 4.17 -3.59	80.12 3.94 -3.31	77.91 3.82 -3.33	77.62 3.67 -3.34	79.80 3.93 -3.15	80.56 4.05 -4.15	82.75 4.26 -3.77	96.28 5.11 -4.57	91.61 4.94 -4.27	82.61 4.24 -4.05	81.43 4.01 -3.26	79.18 3.50 -4.25	81.60 3.49 -3.87	81.05 3.42 -3.39
ROSETON___1 23587	135.88 5.60 -56.57	131.23 5.39 -54.07	124.38 5.10 -48.53	123.94 5.01 -48.39	133.45 5.10 -57.60	140.45 5.59 -61.23	157.52 5.37 -77.59	184.99 5.45 -105.91	157.99 5.74 -77.69	152.76 5.94 -72.58	146.58 6.26 -65.79	144.94 6.12 -65.95	140.98 5.80 -64.42	140.98 5.72 -64.65	142.42 6.18 -63.52	154.95 5.93 -76.66	165.88 6.43 -84.74	192.68 7.53 -98.55	182.59 7.09 -93.12	169.61 6.24 -89.04	161.99 6.23 -81.59	156.00 5.78 -78.79	151.01 6.09 -70.67	142.32 6.16 -61.92
ROSETON___2 23588	135.88 5.60 -56.57	131.23 5.39 -54.07	124.38 5.10 -48.53	123.94 5.01 -48.39	133.45 5.10 -57.60	140.45 5.59 -61.23	157.52 5.37 -77.59	184.99 5.45 -105.91	157.99 5.74 -77.69	152.76 5.94 -72.58	146.58 6.26 -65.79	144.94 6.12 -65.95	140.98 5.80 -64.42	140.98 5.72 -64.65	142.42 6.18 -63.52	154.95 5.93 -76.66	165.88 6.43 -84.74	192.68 7.53 -98.55	182.59 7.09 -93.12	169.61 6.24 -89.04	161.99 6.23 -81.59	156.00 5.78 -78.79	151.01 6.09 -70.67	142.32 6.16 -61.92
ROTRDAM_115KV_TB3 80664	154.97 3.17 -78.10	149.51 3.09 -74.64	140.79 3.04 -66.99	140.24 2.89 -66.81	153.25 2.97 -79.52	161.25 3.09 -84.53	199.86 3.21 -122.10	222.93 3.09 -146.21	238.45 3.21 -160.69	194.48 3.19 -117.04	168.65 3.20 -90.92	159.03 3.06 -83.10	158.47 2.97 -84.74	158.51 2.97 -84.93	155.85 3.20 -79.92	181.44 3.26 -105.82	248.64 3.51 -170.42	280.24 4.16 -189.48	268.24 3.87 -181.98	254.10 3.42 -176.35	268.87 3.49 -191.22	187.31 3.21 -112.67	175.08 3.27 -97.56	163.06 3.34 -85.48
RUSSELL___1 23602	79.52 -1.77 -7.58	77.16 -1.87 -7.24	75.35 -1.91 -6.50	74.77 -2.26 -6.48	76.63 -1.84 -7.72	79.99 -1.84 -8.20	83.39 -1.57 -10.40	85.54 -2.28 -14.19	82.59 -2.39 -10.42	81.64 -2.45 -9.84	81.08 -2.53 -9.08	78.63 -2.77 -8.52	76.73 -2.62 -8.59	76.36 -2.82 -8.57	78.44 -2.25 -7.97	80.60 -2.03 -10.27	84.59 -1.49 -11.37	98.43 -1.39 -13.22	93.65 -1.24 -12.49	84.63 -1.64 -11.94	83.71 -1.41 -10.95	79.56 -2.43 -10.56	81.71 -2.00 -9.47	80.91 -1.63 -8.30
RUSSELL___2 23532	79.52 -1.77 -7.58	77.16 -1.87 -7.24	75.35 -1.91 -6.50	74.77 -2.26 -6.48	76.63 -1.84 -7.72	79.99 -1.84 -8.20	83.39 -1.57 -10.40	85.54 -2.28 -14.19	82.59 -2.39 -10.42	81.64 -2.45 -9.84	81.08 -2.53 -9.08	78.63 -2.77 -8.52	76.73 -2.62 -8.59	76.36 -2.82 -8.57	78.44 -2.25 -7.97	80.60 -2.03 -10.27	84.59 -1.49 -11.37	98.43 -1.39 -13.22	93.65 -1.24 -12.49	84.63 -1.64 -11.94	83.71 -1.41 -10.95	79.56 -2.43 -10.56	81.71 -2.00 -9.47	80.91 -1.63 -8.30
RUSSELL___3 23549	79.52 -1.77 -7.58	77.16 -1.87 -7.24	75.35 -1.91 -6.50	74.77 -2.26 -6.48	76.63 -1.84 -7.72	79.99 -1.84 -8.20	83.39 -1.57 -10.40	85.54 -2.28 -14.19	82.59 -2.39 -10.42	81.64 -2.45 -9.84	81.08 -2.53 -9.08	78.63 -2.77 -8.52	76.73 -2.62 -8.59	76.36 -2.82 -8.57	78.44 -2.25 -7.97	80.60 -2.03 -10.27	84.59 -1.49 -11.37	98.43 -1.39 -13.22	93.65 -1.24 -12.49	84.63 -1.64 -11.94	83.71 -1.41 -10.95	79.56 -2.43 -10.56	81.71 -2.00 -9.47	80.91 -1.63 -8.30
RUSSELL___4 23556	79.52 -1.77 -7.58	77.16 -1.87 -7.24	75.35 -1.91 -6.50	74.77 -2.26 -6.48	76.63 -1.84 -7.72	79.99 -1.84 -8.20	83.39 -1.57 -10.40	85.54 -2.28 -14.19	82.59 -2.39 -10.42	81.64 -2.45 -9.84	81.08 -2.53 -9.08	78.63 -2.77 -8.52	76.73 -2.62 -8.59	76.36 -2.82 -8.57	78.44 -2.25 -7.97	80.60 -2.03 -10.27	84.59 -1.49 -11.37	98.43 -1.39 -13.22	93.65 -1.24 -12.49	84.63 -1.64 -11.94	83.71 -1.41 -10.95	79.56 -2.43 -10.56	81.71 -2.00 -9.47	80.91 -1.63 -8.30
RUSSELL___STATION 23914	79.52 -1.77 -7.58	77.16 -1.87 -7.24	75.35 -1.91 -6.50	74.77 -2.26 -6.48	76.63 -1.84 -7.72	79.99 -1.84 -8.20	83.39 -1.57 -10.40	85.54 -2.28 -14.19	82.59 -2.39 -10.42	81.64 -2.45 -9.84	81.08 -2.53 -9.08	78.63 -2.77 -8.52	76.73 -2.62 -8.59	76.36 -2.82 -8.57	78.44 -2.25 -7.97	80.60 -2.03 -10.27	84.59 -1.49 -11.37	98.43 -1.39 -13.22	93.65 -1.24 -12.49	84.63 -1.64 -11.94	83.71 -1.41 -10.95	79.56 -2.43 -10.56	81.71 -2.00 -9.47	80.91 -1.63 -8.30
S SALMON___HYD 24043	76.99 -0.96 -4.24	74.76 -1.07 -4.05	73.34 -1.06 -3.64	72.90 -1.27 -3.63	74.02 -1.06 -4.32	77.04 -1.18 -4.59	79.24 -0.82 -5.50	80.83 -0.74 -7.94	78.51 -0.75 -4.70	78.59 -0.74 -5.09	78.93 -0.52 -4.92	76.68 -0.73 -4.53	74.58 -0.78 -4.60	74.38 -0.84 -4.61	76.35 -0.73 -4.35	77.08 -1.01 -5.73	79.11 -0.82 -5.21	92.16 -0.70 -6.26	87.58 -0.66 -5.85	79.06 -0.82 -5.55	77.88 -0.74 -4.46	76.40 -0.85 -5.82	78.73 -0.82 -5.30	77.92 -0.97 -4.64
S.PERRY__115KV_TB1 80734	84.23 -0.22 -10.74	81.54 -0.50 -10.27	79.48 -0.50 -9.22	78.67 -1.06 -9.19	81.20 -0.50 -10.94	85.03 -0.22 -11.63	89.85 0.52 -14.77	93.59 -0.15 -20.11	89.08 -0.37 -14.89	86.83 -0.97 -13.55	85.02 -1.34 -11.84	82.48 -1.53 -11.13	80.55 -1.42 -11.20	80.39 -1.55 -11.34	83.30 -0.73 -11.30	86.70 -0.22 -14.56	91.85 0.90 -16.24	107.27 1.82 -18.85	101.94 1.73 -17.82	92.34 0.97 -17.05	90.83 0.96 -15.70	86.04 -0.36 -14.97	87.74 0.07 -13.42	86.23 0.22 -11.76
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	78.34 -5.16 -9.80	76.05 -5.10 -9.36	74.14 -5.02 -8.40	73.28 -5.64 -8.38	75.64 -5.09 -9.98	79.08 -5.15 -10.60	82.58 -5.44 -13.47	84.83 -7.14 -18.34	80.66 -7.46 -13.56	78.11 -7.65 -11.51	75.70 -7.68 -8.85	73.44 -7.80 -8.37	71.59 -7.57 -8.40	71.80 -7.63 -8.82	76.27 -6.76 -10.31	79.12 -6.51 -13.28	83.52 -5.98 -14.78	97.01 -6.75 -17.17	92.27 -6.34 -16.23	83.60 -6.24 -15.52	82.66 -5.79 -14.28	78.15 -6.93 -13.65	80.32 -6.16 -12.24	80.14 -4.83 -10.72

SAWYER___23_KV_LOAD 55526	78.34	76.05	74.14	73.28	75.64	79.08	82.58	84.83	80.66	78.11	75.70	73.44	71.59	71.80	76.27	79.12	83.52	97.01	92.27	83.60	82.66	78.15	80.32	80.14
	-5.16	-5.10	-5.02	-5.64	-5.09	-5.15	-5.44	-7.14	-7.46	-7.65	-7.68	-7.80	-7.57	-7.63	-6.76	-6.51	-5.98	-6.75	-6.34	-6.24	-5.79	-6.93	-6.16	-4.83
	-9.80	-9.36	-8.40	-8.38	-9.98	-10.60	-13.47	-18.34	-13.56	-11.51	-8.85	-8.37	-8.40	-8.82	-10.31	-13.28	-14.78	-17.17	-16.23	-15.52	-14.28	-13.65	-12.24	-10.72
SELKIRK___I 23801	150.23	144.98	136.81	136.34	148.49	156.19	181.84	213.86	190.48	175.17	162.91	153.86	153.16	153.19	150.64	174.34	199.63	229.88	218.46	204.79	200.70	177.25	169.15	157.65
	3.24	3.15	3.19	3.10	3.11	3.24	3.36	3.02	3.13	3.05	3.06	2.92	2.83	2.83	2.83	2.68	2.99	3.47	3.30	2.98	2.97	2.86	3.34	3.19
	-73.29	-70.05	-62.87	-62.69	-74.62	-79.32	-103.93	-137.21	-112.79	-97.88	-85.33	-78.06	-79.57	-79.75	-75.08	-99.31	-121.92	-139.82	-132.77	-127.49	-123.56	-102.96	-91.56	-80.21
SELKIRK___II 23799	150.97	145.68	137.41	136.94	149.32	157.07	183.28	215.56	193.01	176.87	164.09	154.76	154.12	154.16	151.45	175.55	202.27	232.74	221.23	207.43	203.81	178.52	170.18	158.54
	3.02	2.94	2.97	2.89	2.97	3.09	3.13	2.95	3.06	3.12	3.13	3.06	2.90	2.90	2.91	2.60	2.91	3.37	3.21	2.82	2.82	2.71	3.19	3.05
	-74.24	-70.96	-63.68	-63.51	-75.59	-80.35	-105.59	-138.99	-115.39	-99.51	-86.43	-78.83	-80.46	-80.65	-75.82	-100.60	-124.64	-142.77	-135.63	-130.28	-126.83	-104.38	-92.74	-81.25
SENECA OSWGO___HYD 24041	76.75	74.52	73.06	72.70	73.81	77.06	79.27	80.90	78.31	78.21	78.32	76.05	73.92	73.64	75.62	76.64	78.74	91.76	87.19	78.72	77.37	75.98	78.44	77.65
	-1.62	-1.72	-1.70	-1.83	-1.70	-1.62	-1.34	-1.47	-1.42	-1.63	-1.64	-1.82	-1.91	-2.05	-1.89	-2.03	-1.72	-1.73	-1.65	-1.71	-1.70	-1.86	-1.63	-1.70
	-4.67	-4.46	-4.00	-3.99	-4.75	-5.05	-6.05	-8.74	-5.17	-5.60	-5.43	-4.99	-5.07	-5.08	-4.79	-6.31	-5.74	-6.89	-6.44	-6.11	-4.91	-6.41	-5.83	-5.11
SENECA___115KV_TB3 355854	79.14	76.74	74.86	73.93	76.36	79.91	83.69	86.22	81.86	79.36	77.03	74.71	72.92	73.02	77.23	80.21	84.77	98.47	93.66	84.89	83.82	79.25	81.38	80.98
	-4.79	-4.81	-4.67	-5.36	-4.81	-4.79	-4.92	-6.55	-6.86	-7.05	-7.08	-7.21	-6.93	-7.06	-6.25	-6.01	-5.38	-6.06	-5.69	-5.65	-5.27	-6.43	-5.64	-4.45
	-10.23	-9.77	-8.77	-8.75	-10.41	-11.07	-14.06	-19.14	-14.16	-12.17	-9.59	-9.05	-9.09	-9.47	-10.76	-13.86	-15.44	-17.93	-16.95	-16.21	-14.92	-14.25	-12.77	-11.19
SENECA___ENERGY 23797	81.39	78.89	77.20	76.61	78.55	82.23	86.05	89.02	85.67	84.40	83.43	80.99	78.96	78.70	80.71	82.60	86.95	101.16	96.32	87.20	85.82	82.09	84.02	83.02
	-0.74	-0.94	-0.78	-1.13	-0.78	-0.51	-0.07	-0.37	-0.52	-0.67	-0.89	-1.09	-1.06	-1.20	-0.87	-1.16	-0.45	-0.17	0.00	-0.44	-0.60	-1.07	-0.74	-0.44
	-8.42	-8.05	-7.22	-7.20	-8.57	-9.11	-11.57	-15.76	-11.63	-10.83	-9.80	-9.20	-9.26	-9.29	-8.85	-11.41	-12.68	-14.74	-13.93	-13.32	-12.24	-11.73	-10.52	-9.21
SHOEMAKER___GT 23640	130.79	126.29	119.94	119.52	128.32	135.01	150.89	176.11	151.23	146.22	140.46	138.47	134.80	134.86	136.17	148.04	158.43	184.11	174.48	161.98	154.95	149.09	144.68	136.59
	4.86	4.60	4.39	4.30	4.39	4.86	4.70	4.72	4.92	4.98	5.22	5.02	4.74	4.73	5.09	4.92	5.45	6.50	6.10	5.42	5.41	4.92	5.20	5.20
	-52.22	-49.91	-44.80	-44.67	-53.17	-56.52	-71.63	-97.76	-71.76	-67.00	-60.72	-60.57	-59.31	-59.51	-58.35	-70.76	-78.26	-91.01	-85.99	-82.23	-75.37	-72.74	-65.24	-57.15
SHOEMAKR_138KV_BK 111 55601	130.37	125.88	119.57	119.08	127.82	134.41	150.42	175.39	150.69	145.78	140.06	138.06	134.54	134.59	135.84	147.64	157.69	183.42	173.83	161.36	154.31	148.61	144.10	136.15
	4.79	4.52	4.32	4.16	4.25	4.64	4.70	4.64	4.85	4.97	5.22	5.03	4.88	4.87	5.16	4.99	5.23	6.41	6.01	5.35	5.27	4.93	5.05	5.12
	-51.88	-49.58	-44.50	-44.38	-52.82	-56.15	-71.16	-97.12	-71.28	-66.56	-60.32	-60.15	-58.90	-59.11	-57.95	-70.29	-77.75	-90.41	-85.42	-81.69	-74.87	-72.26	-64.81	-56.78
SHOREHAM_IC_1 23715	148.42	136.81	129.16	128.64	138.62	146.17	224.70	225.32	188.20	156.68	152.11	152.00	151.74	146.75	151.93	161.50	191.04	263.17	222.24	215.45	190.34	186.90	154.83	150.52
	10.68	10.34	9.34	9.17	9.62	10.60	9.84	10.01	10.36	9.05	9.84	9.47	8.77	8.47	9.31	8.75	10.16	11.34	10.87	9.96	9.94	8.78	9.13	10.25
	-64.03	-54.70	-49.07	-48.93	-58.24	-61.94	-140.30	-141.68	-103.28	-73.38	-67.75	-69.65	-72.22	-67.67	-69.89	-80.39	-106.16	-165.23	-128.98	-131.16	-106.23	-106.69	-71.45	-66.03
SHOREHAM_IC_2 23716	148.42	136.81	129.16	128.64	138.62	146.17	224.70	225.32	188.20	156.68	152.11	152.00	151.74	146.75	151.93	161.50	191.04	263.17	222.24	215.45	190.34	186.90	154.83	150.52
	10.68	10.34	9.34	9.17	9.62	10.60	9.84	10.01	10.36	9.05	9.84	9.47	8.77	8.47	9.31	8.75	10.16	11.34	10.87	9.96	9.94	8.78	9.13	10.25
	-64.03	-54.70	-49.07	-48.93	-58.24	-61.94	-140.30	-141.68	-103.28	-73.38	-67.75	-69.65	-72.22	-67.67	-69.89	-80.39	-106.16	-165.23	-128.98	-131.16	-106.23	-106.69	-71.45	-66.03
SISSONVILLE____ 23735	69.73	68.62	67.64	67.65	67.64	69.80	69.71	69.95	69.93	69.86	69.57	69.60	68.00	68.07	69.24	68.96	70.01	80.36	76.46	69.79	69.27	68.28	69.94	69.72
	-3.98	-3.16	-3.11	-2.89	-3.11	-3.83	-4.85	-3.68	-4.62	-4.38	-4.77	-3.28	-2.76	-2.54	-3.49	-3.40	-4.71	-6.23	-5.93	-4.53	-4.90	-3.14	-4.31	-4.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	74.55	72.40	71.15	70.79	71.63	74.76	76.54	77.46	75.74	75.72	75.83	73.76	71.72	71.44	73.34	74.03	76.18	88.62	84.24	76.06	75.03	73.35	75.86	75.33
	-2.58	-2.65	-2.54	-2.68	-2.62	-2.58	-2.46	-2.58	-2.61	-2.67	-2.76	-2.84	-2.83	-2.96	-2.91	-2.97	-2.76	-3.03	-2.89	-2.75	-2.74	-2.79	-2.67	-2.67
	-3.43	-3.28	-2.94	-2.93	-3.49	-3.71	-4.44	-6.42	-3.80	-4.14	-4.06	-3.72	-3.79	-3.79	-3.52	-4.65	-4.22	-5.06	-4.73	-4.48	-3.60	-4.71	-4.28	-3.75
SITHE_IND_GS2 24170	74.55	72.40	71.15	70.79	71.63	74.76	76.54	77.46	75.74	75.72	75.83	73.76	71.72	71.44	73.34	74.03	76.18	88.62	84.24	76.06	75.03	73.35	75.86	75.33
	-2.58	-2.65	-2.54	-2.68	-2.62	-2.58	-2.46	-2.58	-2.61	-2.67	-2.76	-2.84	-2.83	-2.96	-2.91	-2.97	-2.76	-3.03	-2.89	-2.75	-2.74	-2.79	-2.67	-2.67
	-3.43	-3.28	-2.94	-2.93	-3.49	-3.71	-4.44	-6.42	-3.80	-4.14	-4.06	-3.72	-3.79	-3.79	-3.52	-4.65	-4.22	-5.06	-4.73	-4.48	-3.60	-4.71	-4.28	-3.75
SITHE_IND_GS3 24171	74.55	72.40	71.15	70.79	71.63	74.76	76.54	77.46	75.74	75.72	75.83	73.76	71.72	71.44	73.34	74.03	76.18	88.62	84.24	76.06	75.03	73.35	75.86	75.33
	-2.58	-2.65	-2.54	-2.68	-2.62	-2.58	-2.46	-2.58	-2.61	-2.67	-2.76	-2.84	-2.83	-2.96	-2.91	-2.97	-2.76	-3.03	-2.89	-2.75	-2.74	-2.79	-2.67	-2.67
	-3.43	-3.28	-2.94	-2.93	-3.49	-3.71	-4.44	-6.42	-3.80	-4.14	-4.06	-3.72	-3.79	-3.79	-3.52	-4.65	-4.22	-5.06	-4.73	-4.48	-3.60	-4.71	-4.28	-3.75
SITHE_IND_GS4 24172	74.55	72.40	71.15	70.79	71.63	74.76	76.54	77.46	75.74	75.72	75.83	73.76	71.72	71.44	73.34	74.03	76.18	88.62	84.24	76.06	75.03	73.35	75.86	75.33
	-2.58	-2.65	-2.54	-2.68	-2.62	-2.58	-2.46	-2.58	-2.61	-2.67	-2.76	-2.84	-2.83	-2.96	-2.91	-2.97	-2.76	-3.03	-2.89	-2.75	-2.74	-2.79	-2.67	-2.67
	-3.43	-3.28	-2.94	-2.93	-3.49	-3.71	-4.44	-6.42	-3.80	-4.14	-4.06	-3.72	-3.79	-3.79	-3.52	-4.65	-4.22	-5.06	-4.73	-4.48	-3.60	-4.71	-4.28	-3.75

SITHE___BATAVIA 24024	79.40 -3.03 -8.72	76.82 -3.30 -8.34	75.20 -3.04 -7.48	74.33 -3.67 -7.46	76.53 -3.11 -8.88	79.91 -3.16 -9.44	83.55 -2.98 -11.98	85.76 -4.19 -16.33	82.12 -4.47 -12.04	80.32 -4.60 -10.68	78.36 -5.07 -8.90	76.09 -5.17 -8.39	74.38 -4.81 -8.43	74.25 -5.01 -8.65	77.46 -4.44 -9.18	79.05 -5.14 -11.82	84.48 -3.36 -13.13	98.22 -3.63 -15.26	93.68 -3.13 -14.42	84.69 -3.42 -13.79	83.20 -3.63 -12.67	78.94 -4.64 -12.15	81.58 -3.56 -10.90	80.90 -2.90 -9.55
SITHE___INDEPEND 23800	74.55 -2.58 -3.43	72.40 -2.66 -3.28	71.15 -2.55 -2.94	70.79 -2.68 -2.93	71.63 -2.62 -3.49	74.76 -2.58 -3.71	76.54 -2.46 -4.44	77.47 -2.58 -6.42	75.74 -2.61 -3.80	75.71 -2.67 -4.14	75.90 -2.68 -4.06	73.76 -2.84 -3.72	71.72 -2.83 -3.79	71.51 -2.90 -3.79	73.41 -2.84 -3.52	74.18 -2.82 -4.65	76.17 -2.76 -4.22	88.63 -3.03 -5.06	84.24 -2.88 -4.73	76.06 -2.75 -4.48	75.10 -2.67 -3.60	73.42 -2.71 -4.71	75.85 -2.67 -4.28	75.32 -2.67 -3.75
SITHE___MASSENA 23902	71.42 -2.29 0.00	70.34 -1.44 0.00	69.34 -1.41 0.00	69.34 -1.20 0.00	69.34 -1.41 0.00	71.34 -2.28 0.00	71.57 -2.98 0.00	71.42 -2.21 0.00	71.65 -2.91 0.00	71.50 -2.75 0.00	71.49 -2.76 0.28	71.20 -1.67 0.00	69.41 -1.35 0.00	69.48 -1.13 0.00	71.13 -1.60 0.00	71.13 -1.23 0.00	71.65 -3.07 0.00	82.44 -4.16 0.00	78.36 -4.04 0.00	71.57 -2.75 0.00	71.50 -2.67 0.00	69.92 -1.50 0.00	71.50 -2.75 0.00	71.42 -2.82 0.00
SITHE___OGDNSBRG 24021	71.86 -1.84 0.00	70.70 -1.08 0.00	69.70 -1.06 0.00	69.77 -0.78 0.00	69.77 -0.99 0.00	72.01 -1.62 0.00	72.02 -2.53 0.00	72.23 -1.40 0.00	72.17 -2.39 0.00	72.02 -2.23 0.00	71.77 -2.53 0.23	71.64 -1.24 0.00	70.05 -0.71 0.00	70.05 -0.56 0.00	71.34 -1.38 0.00	71.05 -1.30 0.00	72.32 -2.39 0.00	83.13 -3.46 0.00	79.10 -3.30 0.00	72.24 -2.08 0.00	71.65 -2.52 0.00	70.50 -0.93 0.00	72.24 -2.00 0.00	72.02 -2.23 0.00
SITHE___STERLING 23777	80.09 2.73 -3.65	77.78 2.51 -3.49	76.37 2.48 -3.13	75.92 2.26 -3.13	76.95 2.48 -3.72	80.45 2.87 -3.95	82.73 3.43 -4.74	83.86 3.39 -6.84	82.11 3.51 -4.05	82.05 3.42 -4.38	82.20 3.43 -4.24	79.98 3.20 -3.90	77.72 3.04 -3.93	77.51 2.97 -3.94	79.63 3.20 -3.71	80.43 3.18 -4.89	82.68 3.51 -4.45	96.15 4.16 -5.39	91.47 4.04 -5.04	82.45 3.35 -4.78	81.20 3.19 -3.84	79.16 2.71 -5.02	81.70 2.89 -4.56	81.06 2.82 -4.00
SLEIGHT__34_KV_TB1 80719	79.91 -1.33 -7.53	77.47 -1.51 -7.20	75.80 -1.42 -6.46	75.22 -1.76 -6.44	77.01 -1.42 -7.67	80.53 -1.25 -8.15	84.07 -0.82 -10.34	86.48 -1.25 -14.10	83.65 -1.27 -10.36	82.60 -1.41 -9.77	82.02 -1.49 -8.99	79.63 -1.68 -8.43	77.55 -1.70 -8.49	77.26 -1.84 -8.48	79.26 -1.38 -7.92	81.33 -1.23 -10.21	85.20 -0.82 -11.30	99.13 -0.61 -13.14	94.31 -0.49 -12.42	85.31 -0.89 -11.87	84.24 -0.82 -10.89	80.27 -1.64 -10.49	82.32 -1.34 -9.41	81.30 -1.19 -8.24
SOUTH CAIRO___GT 23612	149.67 5.75 -70.22	144.42 5.53 -67.11	136.51 5.52 -60.23	136.11 5.50 -60.06	147.91 5.66 -71.49	155.81 6.18 -76.00	180.61 6.41 -99.64	211.19 6.11 -131.45	188.94 6.04 -108.34	173.43 5.35 -93.84	161.21 4.99 -81.69	152.94 4.37 -75.69	151.62 4.17 -76.69	151.59 4.10 -76.88	149.80 4.22 -72.86	171.77 4.27 -95.14	197.33 5.53 -117.09	228.02 7.19 -134.23	216.63 6.76 -127.48	202.70 5.95 -122.43	198.52 5.56 -118.79	175.38 5.29 -98.66	167.53 5.57 -87.72	156.14 5.05 -76.85
SOUTH HAMPTN___IC 23720	148.78 11.05 -64.03	137.10 10.62 -54.70	129.44 9.62 -49.07	128.93 9.46 -48.93	138.90 9.91 -58.24	146.46 10.89 -61.94	221.72 10.22 -136.95	224.31 10.23 -140.45	188.40 10.81 -103.04	157.27 9.65 -73.38	152.41 10.13 -67.75	152.36 9.83 -69.65	152.03 9.06 -72.22	147.03 8.75 -67.67	152.21 9.60 -69.89	161.93 9.19 -80.39	191.48 10.61 -106.16	263.51 11.69 -165.23	222.49 11.12 -128.98	215.97 10.48 -131.16	190.86 10.46 -106.23	187.33 9.22 -106.69	155.28 9.58 -71.45	151.12 10.84 -66.03
SOUTHDOW_115KV_TB1 355954	81.47 -3.24 -11.01	78.93 -3.37 -10.52	77.02 -3.18 -9.44	76.01 -3.95 -9.42	78.71 -3.25 -11.21	82.60 -2.95 -11.91	87.01 -2.68 -15.14	90.19 -4.05 -20.61	85.43 -4.40 -15.27	82.83 -4.68 -13.26	80.58 -4.62 -10.67	78.28 -4.66 -10.07	76.35 -4.53 -10.12	76.36 -4.73 -10.48	80.24 -4.07 -11.58	83.52 -3.76 -14.92	88.29 -3.06 -16.64	102.72 -3.20 -19.33	97.61 -3.05 -18.27	88.53 -3.27 -17.48	87.15 -3.12 -16.10	82.34 -4.43 -15.34	84.29 -3.71 -13.75	83.77 -2.52 -12.05
SOUTHOLD_69_KV_BK 2 55809	148.94 11.20 -64.03	137.24 10.77 -54.70	129.59 9.76 -49.07	128.99 9.52 -48.93	138.97 9.98 -58.24	146.61 11.04 -61.94	222.11 10.59 -136.96	223.06 8.98 -140.45	188.71 11.11 -103.04	157.72 10.10 -73.38	152.34 10.06 -67.75	152.29 9.77 -69.65	152.03 9.06 -72.22	147.11 8.83 -67.67	152.14 9.53 -69.89	162.08 9.33 -80.39	190.96 10.09 -106.16	261.70 9.87 -165.23	220.68 9.31 -128.98	216.19 10.70 -131.16	190.78 10.38 -106.23	187.47 9.36 -106.69	155.65 9.95 -71.45	151.56 11.29 -66.03
SOUTHOLD___IC 23719	149.01 11.28 -64.03	137.32 10.84 -54.70	129.59 9.77 -49.07	129.14 9.66 -48.93	139.11 10.12 -58.24	146.68 11.12 -61.94	222.03 10.51 -136.96	223.21 9.13 -140.45	188.86 11.26 -103.04	157.72 10.10 -73.38	152.41 10.13 -67.75	152.30 9.77 -69.65	151.89 8.92 -72.22	146.89 8.61 -67.67	152.06 9.45 -69.89	161.93 9.19 -80.39	191.64 10.76 -106.16	261.87 10.04 -165.23	220.92 9.55 -128.98	216.19 10.71 -131.16	191.08 10.68 -106.23	187.54 9.43 -106.69	155.28 9.58 -71.45	151.56 11.28 -66.03
SOUTH_FORK_WT_PWR 323839	148.42 10.68 -64.03	136.74 10.26 -54.70	129.02 9.19 -49.07	128.57 9.10 -48.93	138.54 9.55 -58.24	146.09 10.53 -61.94	221.35 9.84 -136.96	223.36 9.28 -140.45	188.26 10.66 -103.04	157.05 9.43 -73.38	151.51 9.24 -67.75	151.34 8.81 -69.65	151.04 8.06 -72.22	146.05 7.77 -67.67	151.19 8.58 -69.89	161.06 8.32 -80.39	190.66 9.78 -106.16	261.61 9.78 -165.23	220.67 9.31 -128.98	215.29 9.81 -131.16	190.11 9.71 -106.23	186.61 8.50 -106.69	154.38 8.68 -71.45	150.89 10.62 -66.03
SPIERFLS_115KV_TB 1 80737	156.90 5.90 -77.30	151.33 5.67 -73.88	142.66 5.59 -66.31	142.10 5.43 -66.12	155.12 5.66 -78.71	161.49 4.20 -83.67	199.09 4.77 -119.76	222.98 4.64 -144.72	234.54 4.85 -155.14	193.62 4.75 -114.62	169.44 4.92 -89.99	159.81 4.59 -82.34	159.00 4.32 -83.92	159.04 4.31 -84.12	156.65 4.73 -79.20	181.87 4.78 -104.74	244.64 5.16 -164.77	276.56 6.32 -183.64	264.37 5.77 -176.21	250.02 5.05 -170.65	262.88 5.19 -183.52	187.23 4.57 -111.23	175.27 4.45 -96.57	165.01 6.16 -84.60
ST LAWRENCE____ 23600	71.57 -2.14 0.00	70.06 -1.72 0.00	69.06 -1.70 0.00	69.06 -1.48 0.00	69.06 -1.70 0.00	71.42 -2.21 0.00	72.02 -2.54 0.00	71.49 -2.14 0.00	72.10 -2.46 0.00	71.87 -2.38 0.00	72.17 -2.39 -0.03	70.91 -1.96 0.00	69.06 -1.70 0.00	69.06 -1.55 0.00	70.77 -1.96 0.00	70.76 -1.59 0.00	72.10 -2.62 0.00	83.22 -3.38 0.00	79.18 -3.21 0.00	71.87 -2.45 0.00	71.79 -2.38 0.00	69.64 -1.78 0.00	71.72 -2.52 0.00	71.72 -2.52 0.00
STATE_CA_115KV_115_LB 55624	152.91 3.69 -75.52	147.55 3.59 -72.18	139.08 3.54 -64.78	138.60 3.46 -64.60	151.19 3.54 -76.89	159.05 3.68 -81.74	190.06 3.80 -111.70	218.62 3.61 -141.38	211.05 3.80 -132.69	184.15 3.86 -106.04	166.40 3.95 -87.92	157.01 3.79 -80.35	156.38 3.68 -81.94	156.41 3.67 -82.13	153.57 3.56 -77.28	177.94 3.26 -102.33	220.25 3.44 -142.10	251.11 3.98 -160.53	239.45 3.79 -153.27	225.43 3.27 -147.83	229.03 3.34 -151.53	181.94 3.21 -107.29	172.37 3.79 -94.34	160.54 3.64 -82.65

STATE_ST_34_KV_LOAD 55959	82.58 0.52 -8.35	80.05 0.29 -7.99	78.28 0.35 -7.17	77.76 0.07 -7.15	79.55 0.28 -8.51	83.33 0.66 -9.04	87.23 1.19 -11.48	90.37 1.10 -15.64	87.23 1.12 -11.56	85.96 0.97 -10.75	85.14 0.89 -9.72	82.66 0.66 -9.13	80.52 0.57 -9.19	80.32 0.49 -9.22	82.31 0.80 -8.78	84.54 0.87 -11.32	88.51 1.20 -12.60	103.05 1.82 -14.64	98.04 1.81 -13.84	88.90 1.34 -13.23	87.68 1.34 -12.17	83.71 0.64 -11.64	85.50 0.82 -10.44	84.21 0.82 -9.14
STATION 5_MISC_HYD 23604	79.14 -2.14 -7.58	76.72 -2.30 -7.24	75.06 -2.19 -6.50	74.49 -2.54 -6.48	76.28 -2.19 -7.72	79.69 -2.14 -8.20	83.02 -1.94 -10.40	85.02 -2.80 -14.19	82.07 -2.91 -10.42	81.12 -2.97 -9.84	80.33 -3.28 -9.08	78.05 -3.35 -8.52	76.16 -3.18 -8.59	75.86 -3.32 -8.57	77.79 -2.91 -7.97	79.23 -3.40 -10.27	83.91 -2.17 -11.37	97.39 -2.42 -13.22	92.90 -1.98 -12.49	83.96 -2.30 -11.94	82.74 -2.38 -10.95	78.84 -3.14 -10.56	81.33 -2.38 -9.47	80.54 -2.00 -8.30
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	80.56 -0.88 -7.74	78.17 -1.00 -7.39	76.40 -0.99 -6.64	75.82 -1.34 -6.62	77.64 -0.99 -7.88	81.19 -0.81 -8.37	84.80 -0.37 -10.62	87.23 -0.88 -14.48	84.31 -0.89 -10.65	83.21 -1.04 -10.00	82.57 -1.12 -9.16	80.08 -1.38 -8.59	78.07 -1.34 -8.65	77.78 -1.48 -8.65	79.84 -1.02 -8.13	81.97 -0.87 -10.48	86.03 -0.30 -11.61	100.10 0.00 -13.50	95.15 0.00 -12.76	86.08 -0.45 -12.20	85.06 -0.30 -11.19	80.99 -1.21 -10.78	83.02 -0.89 -9.66	82.04 -0.67 -8.47
STA_56_34_KV_BUS2_REV_LBMP_B 345033	78.88 -2.36 -7.53	76.46 -2.51 -7.20	74.74 -2.48 -6.46	74.16 -2.82 -6.44	76.02 -2.41 -7.67	79.35 -2.43 -8.15	82.65 -2.24 -10.33	84.85 -2.87 -14.09	81.93 -2.98 -10.35	80.97 -3.04 -9.77	80.39 -3.13 -9.00	77.96 -3.35 -8.44	76.08 -3.18 -8.50	75.71 -3.39 -8.49	77.81 -2.84 -7.92	79.88 -2.68 -10.20	83.84 -2.17 -11.29	97.47 -2.25 -13.13	92.74 -2.06 -12.40	83.81 -2.38 -11.86	82.89 -2.15 -10.88	78.91 -3.00 -10.49	81.05 -2.60 -9.41	80.18 -2.30 -8.24
STA_56___34_KV_BUS2 355983	78.88 -2.36 -7.53	76.46 -2.51 -7.20	74.74 -2.48 -6.46	74.16 -2.82 -6.44	76.02 -2.41 -7.67	79.35 -2.43 -8.15	82.65 -2.24 -10.33	84.85 -2.87 -14.09	81.93 -2.98 -10.35	80.97 -3.04 -9.77	80.39 -3.13 -9.00	77.96 -3.35 -8.44	76.08 -3.18 -8.50	75.71 -3.39 -8.49	77.81 -2.84 -7.92	79.88 -2.68 -10.20	83.84 -2.17 -11.29	97.47 -2.25 -13.13	92.74 -2.06 -12.40	83.81 -2.38 -11.86	82.89 -2.15 -10.88	78.91 -3.00 -10.49	81.05 -2.60 -9.41	80.18 -2.30 -8.24
STA_67___115KV_BK2 355882	78.99 -2.28 -7.57	76.65 -2.37 -7.24	74.92 -2.33 -6.49	74.34 -2.68 -6.48	76.13 -2.33 -7.71	79.54 -2.28 -8.19	82.78 -2.16 -10.39	84.86 -2.95 -14.17	81.99 -2.98 -10.41	80.96 -3.12 -9.84	80.41 -3.20 -9.08	77.97 -3.43 -8.52	76.09 -3.25 -8.59	75.79 -3.39 -8.57	77.85 -2.84 -7.96	79.94 -2.68 -10.26	83.90 -2.17 -11.36	97.55 -2.25 -13.20	92.81 -2.06 -12.47	83.87 -2.38 -11.93	83.03 -2.08 -10.94	78.97 -3.00 -10.54	81.10 -2.60 -9.46	80.38 -2.15 -8.29
STA_7___115KV_9TRANS 80674	79.52 -1.77 -7.58	77.16 -1.87 -7.24	75.35 -1.91 -6.50	74.77 -2.26 -6.48	76.63 -1.84 -7.72	79.99 -1.84 -8.20	83.39 -1.57 -10.40	85.54 -2.28 -14.19	82.59 -2.39 -10.42	81.64 -2.45 -9.84	81.08 -2.53 -9.08	78.63 -2.77 -8.52	76.73 -2.62 -8.59	76.36 -2.82 -8.57	78.44 -2.25 -7.97	80.60 -2.03 -10.27	84.59 -1.49 -11.37	98.43 -1.39 -13.22	93.65 -1.24 -12.49	84.63 -1.64 -11.94	83.71 -1.41 -10.95	79.56 -2.43 -10.56	81.71 -2.00 -9.47	80.91 -1.63 -8.30
STA_82___115KV_TB1 80780	79.11 -2.21 -7.62	76.76 -2.30 -7.28	75.03 -2.26 -6.54	74.38 -2.68 -6.52	76.25 -2.26 -7.76	79.59 -2.28 -8.25	82.93 -2.09 -10.46	85.02 -2.87 -14.27	82.06 -2.98 -10.48	81.00 -3.12 -9.87	80.48 -3.13 -9.08	78.04 -3.35 -8.52	76.09 -3.25 -8.58	75.80 -3.39 -8.57	77.90 -2.84 -8.01	80.08 -2.60 -10.33	84.05 -2.09 -11.43	97.72 -2.16 -13.29	92.97 -1.98 -12.56	84.03 -2.30 -12.01	83.10 -2.08 -11.01	79.04 -3.00 -10.61	81.24 -2.52 -9.52	80.43 -2.15 -8.34
STEEL___WIND 323596	79.06 -4.87 -10.23	76.53 -5.03 -9.77	74.79 -4.74 -8.77	73.86 -5.43 -8.75	76.29 -4.88 -10.41	79.83 -4.86 -11.07	83.54 -5.07 -14.06	86.07 -6.70 -19.14	81.63 -7.08 -14.16	79.21 -7.20 -12.17	76.66 -7.45 -9.59	74.49 -7.43 -9.05	72.77 -7.08 -9.09	72.88 -7.20 -9.47	76.87 -6.62 -10.76	78.84 -7.38 -13.86	84.47 -5.68 -15.44	97.94 -6.58 -17.93	93.41 -5.93 -16.95	84.66 -5.87 -16.21	83.01 -6.08 -14.92	78.75 -6.93 -14.25	81.23 -5.79 -12.77	80.90 -4.53 -11.19
STEPHTWN_115KV_BK_2 55603	152.70 4.35 -74.65	147.36 4.23 -71.35	138.97 4.17 -64.04	138.49 4.09 -63.86	150.94 4.17 -76.01	158.84 4.42 -80.80	187.10 4.77 -107.77	217.87 4.49 -139.75	200.89 4.62 -121.71	180.77 4.68 -101.85	166.21 4.77 -86.91	156.74 4.52 -79.35	156.03 4.32 -80.95	156.06 4.31 -81.14	153.26 4.22 -76.32	177.41 3.91 -101.15	209.91 4.18 -131.01	240.86 5.02 -149.24	229.06 4.61 -142.06	215.10 4.09 -136.68	214.21 4.15 -135.89	180.80 4.00 -105.37	172.10 4.60 -93.26	160.18 4.23 -81.70
STEUBEN_REC_LFGE 323667	83.93 -3.39 -13.62	81.28 -3.52 -13.01	79.04 -3.40 -11.68	78.17 -4.02 -11.65	81.22 -3.40 -13.86	85.27 -3.09 -14.74	91.07 -2.24 -18.75	96.03 -3.09 -25.49	90.23 -3.28 -18.96	87.57 -3.79 -17.11	85.17 -4.17 -14.82	82.37 -4.45 -13.94	80.32 -4.46 -14.03	80.31 -4.52 -14.22	83.20 -3.85 -14.33	87.19 -3.62 -18.46	92.68 -2.69 -20.66	107.89 -2.68 -23.98	102.51 -2.55 -22.67	93.19 -2.82 -21.69	91.36 -2.82 -20.02	86.48 -3.93 -18.98	87.54 -3.71 -17.01	85.95 -3.19 -14.90
STILLWATER___SOLAR 323814	155.69 5.08 -76.90	150.16 4.88 -73.50	141.60 4.88 -65.97	141.05 4.73 -65.78	153.93 4.88 -78.30	161.50 4.64 -83.23	198.14 5.00 -118.58	222.38 4.78 -143.97	231.84 4.92 -152.36	192.55 4.90 -113.41	168.97 4.92 -89.53	159.51 4.67 -81.96	158.80 4.53 -83.51	158.84 4.52 -83.71	156.36 4.80 -78.83	181.41 4.85 -104.20	241.96 5.31 -161.94	273.55 6.24 -180.72	261.65 5.94 -173.32	247.39 5.28 -167.79	259.10 5.27 -179.66	186.73 4.79 -110.51	175.21 4.90 -96.07	163.68 5.27 -84.17
STONY___BROOK 24151	147.97 10.24 -64.03	136.38 9.91 -54.70	128.81 8.99 -49.07	128.29 8.82 -48.93	138.19 9.19 -58.24	145.73 10.16 -61.94	244.08 9.47 -160.05	232.15 9.57 -148.95	189.34 10.06 -104.72	157.13 9.51 -73.38	152.63 10.36 -67.75	152.59 10.06 -69.65	152.38 9.41 -72.22	147.45 9.18 -67.67	152.50 9.89 -69.89	162.30 9.55 -80.40	191.48 10.61 -106.16	263.86 12.03 -165.23	222.90 11.53 -128.98	215.74 10.26 -131.16	190.93 10.53 -106.23	187.47 9.35 -106.69	155.42 9.72 -71.45	150.81 10.54 -66.03
STURGEON_POOL_HYD 23609	140.86 8.55 -58.61	135.91 8.11 -56.02	128.89 7.85 -50.28	128.44 7.76 -50.13	138.35 7.92 -59.67	145.82 8.76 -63.43	164.61 8.80 -81.25	192.26 8.91 -109.72	167.39 9.25 -83.58	159.47 9.06 -76.16	151.86 9.17 -68.16	148.10 8.60 -66.62	144.87 8.28 -65.84	144.78 8.12 -66.05	145.47 8.58 -64.16	160.31 8.54 -79.41	175.24 9.64 -90.89	203.83 12.04 -105.20	193.24 11.29 -99.56	179.62 9.96 -95.34	172.82 9.57 -89.08	162.28 9.00 -81.85	156.37 8.91 -73.22	147.23 8.84 -64.15
ST_LAW_115_BK7_LBMP 345037	71.42 -2.29 0.00	69.91 -1.87 0.00	68.92 -1.84 0.00	68.99 -1.55 0.00	68.99 -1.77 0.00	71.20 -2.43 0.00	71.80 -2.76 0.00	71.34 -2.28 0.00	71.88 -2.68 0.00	71.64 -2.60 0.00	71.95 -2.61 -0.03	70.84 -2.04 0.00	68.92 -1.84 0.00	68.99 -1.62 0.00	70.69 -2.04 0.00	70.62 -1.74 0.00	71.87 -2.84 0.00	82.88 -3.72 0.00	78.85 -3.54 0.00	71.65 -2.67 0.00	71.57 -2.60 0.00	69.50 -1.93 0.00	71.58 -2.67 0.00	71.50 -2.75 0.00

ST_LAW_115_BK8_LBMP 345038	71.42 -2.29 0.00	69.91 -1.87 0.00	68.92 -1.84 0.00	68.99 -1.55 0.00	68.99 -1.77 0.00	71.20 -2.43 0.00	71.80 -2.76 0.00	71.34 -2.28 0.00	71.88 -2.68 0.00	71.64 -2.60 0.00	71.95 -2.61 -0.03	70.84 -2.04 0.00	68.92 -1.84 0.00	68.99 -1.62 0.00	70.69 -2.04 0.00	70.62 -1.74 0.00	71.87 -2.84 0.00	82.88 -3.72 0.00	78.85 -3.54 0.00	71.65 -2.67 0.00	71.57 -2.60 0.00	69.50 -1.93 0.00	71.58 -2.67 0.00	71.50 -2.75 0.00
ST_LAW_230_BK5_LBMP 345035	71.57 -2.14 0.00	70.06 -1.72 0.00	69.06 -1.70 0.00	69.06 -1.48 0.00	69.06 -1.70 0.00	71.42 -2.21 0.00	72.02 -2.54 0.00	71.49 -2.14 0.00	72.10 -2.46 0.00	71.87 -2.38 0.00	72.16 -2.39 -0.02	70.91 -1.96 0.00	69.06 -1.70 0.00	69.06 -1.55 0.00	70.77 -1.96 0.00	70.76 -1.59 0.00	72.10 -2.62 0.00	83.22 -3.38 0.00	79.18 -3.21 0.00	71.87 -2.45 0.00	71.79 -2.38 0.00	69.64 -1.78 0.00	71.72 -2.52 0.00	71.72 -2.52 0.00
ST_LAW_230_BK6_LBMP 345036	71.57 -2.14 0.00	70.06 -1.72 0.00	69.06 -1.70 0.00	69.06 -1.48 0.00	69.06 -1.70 0.00	71.42 -2.21 0.00	72.02 -2.54 0.00	71.49 -2.14 0.00	72.10 -2.46 0.00	71.87 -2.38 0.00	72.16 -2.39 -0.02	70.91 -1.96 0.00	69.06 -1.70 0.00	69.06 -1.55 0.00	70.77 -1.96 0.00	70.76 -1.59 0.00	72.10 -2.62 0.00	83.22 -3.38 0.00	79.18 -3.21 0.00	71.87 -2.45 0.00	71.79 -2.38 0.00	69.64 -1.78 0.00	71.72 -2.52 0.00	71.72 -2.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	132.31 5.23 -53.37	127.81 5.02 -51.01	121.28 4.74 -45.78	120.85 4.66 -45.65	129.77 4.67 -54.34	136.55 5.15 -57.77	152.91 5.14 -73.21	178.70 5.15 -99.92	153.26 5.37 -73.34	148.29 5.57 -68.48	142.40 5.81 -62.06	140.54 5.68 -61.99	136.93 5.52 -60.65	136.91 5.44 -60.87	138.18 5.75 -59.71	150.25 5.57 -72.32	160.53 5.83 -79.99	186.63 7.01 -93.02	176.87 6.59 -87.89	164.24 5.87 -84.04	156.91 5.71 -77.04	151.19 5.43 -74.34	146.41 5.49 -66.67	138.37 5.72 -58.41
SWANROAD_115KV_TB1 355699	76.59 -6.56 -9.44	74.27 -6.53 -9.02	72.49 -6.37 -8.10	71.63 -6.98 -8.08	73.93 -6.44 -9.61	77.07 -6.77 -10.22	80.37 -7.16 -12.97	82.39 -8.91 -17.67	78.37 -9.25 -13.05	76.00 -9.43 -11.18	73.80 -9.46 -8.74	71.51 -9.62 -8.25	69.78 -9.27 -8.29	69.95 -9.32 -8.66	74.15 -8.51 -9.93	76.91 -8.25 -12.80	81.18 -7.77 -14.23	94.21 -8.92 -16.53	89.70 -8.32 -15.63	81.24 -8.03 -14.95	80.35 -7.57 -13.75	75.94 -8.64 -13.16	78.17 -7.87 -11.79	78.04 -6.53 -10.33
SYNERGY___BIOGAS 323694	79.40 -3.03 -8.72	76.82 -3.30 -8.34	75.20 -3.04 -7.48	74.33 -3.67 -7.46	76.53 -3.11 -8.88	79.91 -3.16 -9.44	83.55 -2.98 -11.98	85.76 -4.19 -16.33	82.12 -4.47 -12.04	80.32 -4.60 -10.68	78.36 -5.07 -8.90	76.09 -5.17 -8.39	74.38 -5.01 -8.43	74.25 -5.01 -8.65	77.46 -4.44 -9.18	79.05 -5.14 -11.82	84.48 -3.36 -13.13	98.22 -3.63 -15.26	93.68 -3.13 -14.42	84.69 -3.42 -13.79	83.20 -3.63 -12.67	78.94 -4.64 -12.15	81.58 -3.56 -10.90	80.90 -2.90 -9.55
SYRACUSE___ENERGY_ST1 323597	80.62 0.15 -6.76	78.17 -0.07 -6.46	76.49 -0.07 -5.80	76.04 -0.28 -5.79	77.50 -0.14 -6.89	81.02 0.07 -7.32	83.85 0.52 -8.77	86.58 0.29 -12.66	82.42 0.37 -7.49	82.58 0.22 -8.11	82.55 0.15 -7.87	80.19 -0.07 -7.39	78.06 -0.14 -7.44	77.86 -0.21 -7.46	79.91 0.07 -7.11	81.59 0.07 -9.16	83.34 0.30 -8.33	97.27 0.69 -9.98	92.39 0.66 -9.33	83.54 0.37 -8.85	81.65 0.37 -7.11	80.72 0.00 -9.29	82.84 0.15 -8.45	81.80 0.15 -7.40
SYRACUSE___ENERGY_ST2 323598	80.62 0.15 -6.76	78.17 -0.07 -6.46	76.49 -0.07 -5.80	76.04 -0.28 -5.79	77.50 -0.14 -6.89	81.02 0.07 -7.32	83.85 0.52 -8.77	86.58 0.29 -12.66	82.42 0.37 -7.49	82.58 0.22 -8.11	82.55 0.15 -7.87	80.19 -0.07 -7.39	78.06 -0.14 -7.44	77.86 -0.21 -7.46	79.91 0.07 -7.11	81.59 0.07 -9.16	83.34 0.30 -8.33	97.27 0.69 -9.98	92.39 0.66 -9.33	83.54 0.37 -8.85	81.65 0.37 -7.11	80.72 0.00 -9.29	82.84 0.15 -8.45	81.80 0.15 -7.40
SYRACUSE___POWER 24017	80.44 -0.15 -6.88	78.07 -0.29 -6.57	76.37 -0.28 -5.90	75.93 -0.49 -5.88	77.41 -0.35 -7.00	80.93 -0.15 -7.44	83.70 0.22 -8.92	86.58 0.07 -12.88	82.25 0.07 -7.62	82.42 -0.07 -8.25	82.46 -0.07 -8.00	80.10 -0.29 -7.52	78.04 -0.35 -7.64	77.84 -0.42 -7.66	79.88 -0.15 -7.30	81.62 -0.14 -9.40	83.49 0.22 -8.55	97.27 0.52 -10.15	92.38 0.49 -9.49	83.47 0.15 -9.00	81.62 0.22 -7.23	80.66 -0.21 -9.45	82.76 -0.07 -8.59	81.70 -0.07 -7.53
TALLMAN___138KV_BK151 55660	134.19 5.68 -54.81	129.54 5.38 -52.38	122.86 5.09 -47.01	122.43 5.01 -46.88	131.65 5.09 -55.80	138.47 5.52 -59.32	155.25 5.52 -75.17	181.75 5.52 -102.60	155.58 5.74 -75.29	150.57 6.01 -70.31	144.59 6.33 -63.73	142.83 6.19 -63.76	139.12 6.01 -62.35	139.18 6.00 -62.57	140.40 6.25 -61.42	152.63 6.01 -74.26	163.03 6.20 -82.12	189.45 7.36 -95.49	179.62 7.00 -90.23	166.85 6.24 -86.28	159.32 6.08 -79.07	153.55 5.79 -76.33	148.65 5.94 -68.47	140.39 6.16 -59.98
TEALLAVE_115KV_TB7 355573	78.83 -0.59 -5.72	76.52 -0.72 -5.46	74.95 -0.71 -4.90	74.51 -0.92 -4.89	75.80 -0.78 -5.82	79.22 -0.59 -6.19	81.75 -0.22 -7.41	83.96 -0.37 -10.70	80.66 -0.22 -6.33	80.81 -0.30 -6.86	80.88 -0.30 -6.65	78.61 -0.51 -6.24	76.37 -0.57 -6.18	76.10 -0.71 -6.19	78.19 -0.44 -5.90	79.53 -0.43 -7.61	81.33 -0.30 -6.92	94.86 -0.17 -8.44	90.12 -0.16 -7.89	81.43 -0.37 -7.48	79.88 -0.30 -6.01	78.56 -0.71 -7.85	80.79 -0.59 -7.14	79.98 -0.52 -6.26
TELGRAPH_34_KV_EAST 80808	78.12 -4.57 -8.99	75.78 -4.59 -8.59	74.01 -4.46 -7.71	73.15 -5.08 -7.69	75.38 -4.53 -9.15	78.72 -4.64 -9.73	82.13 -4.77 -12.35	84.27 -6.18 -16.83	80.56 -6.41 -12.41	78.44 -6.68 -10.87	76.68 -6.71 -8.86	74.23 -7.00 -8.35	72.50 -6.65 -8.40	72.50 -6.78 -8.67	76.22 -5.96 -9.46	78.82 -5.72 -12.18	83.17 -5.08 -13.54	96.70 -5.63 -15.73	91.98 -5.27 -14.86	83.19 -5.35 -14.22	82.26 -4.97 -13.07	77.81 -6.14 -12.52	80.05 -5.42 -11.23	79.70 -4.38 -9.84
TEMPLE___115KV_TB 2 55572	78.99 -0.52 -5.80	76.61 -0.72 -5.55	75.10 -0.64 -4.98	74.66 -0.85 -4.96	75.96 -0.71 -5.91	79.39 -0.52 -6.28	81.93 -0.15 -7.53	84.20 -0.29 -10.86	80.98 0.00 -6.43	81.06 -0.15 -6.96	81.20 -0.07 -6.75	78.92 -0.29 -6.34	76.51 -0.42 -6.18	76.31 -0.49 -6.19	78.41 -0.22 -5.90	79.75 -0.22 -7.61	81.41 -0.22 -6.92	95.08 -0.09 -8.57	90.32 -0.08 -8.01	81.62 -0.30 -7.59	80.05 -0.22 -6.10	78.75 -0.64 -7.97	80.97 -0.52 -7.25	80.15 -0.45 -6.35
TIANA____69_KV_BK 1 55817	148.64 10.91 -64.03	136.96 10.48 -54.70	129.37 9.55 -49.07	128.78 9.31 -48.93	138.76 9.76 -58.24	146.32 10.75 -61.94	221.73 10.21 -136.96	224.24 10.16 -140.45	188.18 10.59 -103.04	157.27 9.65 -73.38	152.41 10.14 -67.75	152.37 9.84 -69.65	152.24 9.27 -72.22	147.32 9.04 -67.67	152.29 9.67 -69.89	162.15 9.41 -80.39	190.89 10.01 -106.16	263.52 11.69 -165.23	222.41 11.04 -128.98	215.89 10.41 -131.16	190.56 10.16 -106.23	187.33 9.21 -106.69	155.57 9.87 -71.45	151.04 10.77 -66.03
TILDEN___115KV_TB1 80814	80.44 -0.15 -6.88	78.07 -0.29 -6.57	76.37 -0.28 -5.90	75.93 -0.49 -5.88	77.41 -0.35 -7.00	80.93 -0.15 -7.44	83.70 0.22 -8.92	86.58 0.07 -12.88	82.25 0.07 -7.62	82.42 -0.07 -8.25	82.46 -0.07 -8.00	80.10 -0.29 -7.52	78.04 -0.35 -7.64	77.84 -0.42 -7.66	79.88 -0.15 -7.30	81.62 -0.14 -9.40	83.49 0.22 -8.55	97.27 0.52 -10.15	92.38 0.49 -9.49	83.47 0.15 -9.00	81.62 0.22 -7.23	80.66 -0.21 -9.45	82.76 -0.07 -8.59	81.70 -0.07 -7.53

TRIGEN___CC 323695	145.39 7.67 -64.02	133.93 7.46 -54.69	126.62 6.79 -49.07	126.10 6.63 -48.93	135.86 6.86 -58.24	143.14 7.58 -61.93	160.39 7.38 -78.45	199.91 7.36 -118.92	181.09 7.75 -98.78	155.42 7.80 -73.38	150.70 8.42 -67.75	150.76 8.23 -69.65	150.90 7.92 -72.22	146.19 7.91 -67.67	150.83 8.22 -69.89	162.67 7.96 -82.36	188.95 8.07 -106.17	261.52 9.70 -165.23	220.51 9.15 -128.98	213.66 8.18 -131.16	188.49 8.08 -106.23	185.69 7.57 -106.69	153.79 8.09 -71.46	148.67 8.39 -66.03
TRINITY___115KV___4 BK 55933	151.93 3.39 -74.84	146.61 3.30 -71.53	138.21 3.25 -64.20	137.73 3.17 -64.02	150.21 3.25 -76.20	158.01 3.39 -81.00	186.61 3.50 -108.54	216.97 3.24 -140.10	201.81 3.43 -123.82	180.41 3.49 -102.67	165.23 3.58 -87.13	155.86 3.43 -79.56	155.25 3.33 -81.16	155.28 3.32 -81.35	152.45 3.20 -76.52	176.66 2.89 -101.40	210.92 3.06 -133.15	241.56 3.55 -151.42	229.99 3.38 -144.22	216.13 2.97 -138.83	216.02 2.97 -138.88	180.12 2.93 -105.77	171.22 3.49 -93.49	159.42 3.27 -81.91
UNION___PROCESSING_DRP 323587	79.12 -2.21 -7.63	76.77 -2.30 -7.29	75.04 -2.26 -6.55	74.39 -2.68 -6.53	76.26 -2.26 -7.77	79.68 -2.21 -8.26	82.94 -2.09 -10.47	85.11 -2.80 -14.28	82.14 -2.91 -10.49	81.08 -3.04 -9.88	80.47 -3.13 -9.07	78.03 -3.35 -8.51	76.15 -3.18 -8.57	75.79 -3.39 -8.57	77.99 -2.76 -8.02	80.09 -2.60 -10.34	84.07 -2.09 -11.45	97.74 -2.16 -13.31	92.99 -1.98 -12.57	84.12 -2.23 -12.03	83.19 -2.00 -11.03	79.13 -2.93 -10.63	81.25 -2.52 -9.53	80.52 -2.08 -8.35
UPPER HUDSON___HYD 24058	156.90 5.90 -77.30	151.33 5.67 -73.88	142.65 5.59 -66.31	142.10 5.43 -66.12	155.12 5.66 -78.71	161.49 4.19 -83.67	199.09 4.78 -119.76	222.99 4.64 -144.72	234.47 4.78 -155.14	193.62 4.76 -114.62	169.44 4.92 -89.99	159.81 4.59 -82.34	159.14 4.46 -83.92	159.11 4.38 -84.12	156.58 4.66 -79.20	181.73 4.63 -104.74	244.64 5.15 -164.77	276.56 6.32 -183.64	264.45 5.85 -176.21	250.09 5.12 -170.65	262.80 5.11 -183.52	187.16 4.50 -111.23	175.27 4.45 -96.57	165.01 6.16 -84.60
UPPER RAQUET___HYD 24056	69.58 -4.13 0.00	68.62 -3.16 0.00	67.64 -3.11 0.00	67.65 -2.90 0.00	67.64 -3.11 0.00	69.51 -4.12 0.00	69.71 -4.85 0.00	69.88 -3.75 0.00	69.93 -4.62 0.00	69.86 -4.38 0.00	69.94 -4.40 0.19	69.82 -3.06 0.00	68.07 -2.69 0.00	68.14 -2.47 0.00	69.74 -2.98 0.00	69.76 -2.60 0.00	69.93 -4.78 0.00	80.45 -6.15 0.00	76.46 -5.93 0.00	69.94 -4.39 0.00	69.79 -4.38 0.00	68.43 -3.00 0.00	69.64 -4.60 0.00	69.49 -4.75 0.00
VALLEY44_115KV_TB2 355964	79.58 -5.60 -11.47	77.07 -5.67 -10.96	75.15 -5.45 -9.84	74.22 -6.14 -9.81	76.85 -5.59 -11.68	80.38 -5.67 -12.42	84.75 -5.59 -15.78	88.11 -6.99 -21.48	83.25 -7.23 -15.92	80.72 -7.42 -13.90	78.39 -7.45 -11.31	76.18 -7.36 -10.67	74.33 -7.15 -10.72	74.40 -7.27 -11.07	78.11 -6.69 -12.07	81.40 -6.51 -15.55	86.17 -5.90 -17.36	100.08 -6.67 -20.15	95.18 -6.26 -19.05	86.45 -6.09 -18.22	85.03 -5.93 -16.79	80.49 -6.93 -15.99	82.19 -6.39 -14.33	81.60 -5.20 -12.56
VALLEY___115KV_TB 1-4 80826	75.11 1.40 0.00	73.00 1.22 0.00	71.96 1.20 0.00	71.67 1.13 0.00	71.96 1.20 0.00	75.03 1.40 0.00	76.05 1.49 0.00	75.03 1.40 0.00	76.12 1.57 0.00	75.88 1.63 0.00	76.31 1.79 0.00	74.48 1.60 0.00	72.31 1.56 0.00	72.09 1.48 0.00	74.33 1.60 0.00	73.88 1.52 0.00	76.28 1.57 0.00	88.50 1.91 0.00	84.20 1.81 0.00	75.88 1.56 0.00	75.65 1.48 0.00	72.86 1.43 0.00	75.73 1.48 0.00	75.73 1.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	105.71 5.90 -26.10	102.26 5.53 -24.95	98.39 5.24 -22.39	97.81 4.94 -22.33	102.57 5.24 -26.58	107.48 5.60 -28.25	118.31 6.04 -37.71	128.46 5.96 -48.87	123.39 6.19 -42.64	115.95 6.16 -35.54	110.87 6.19 -30.16	107.21 5.98 -28.36	105.02 5.73 -28.54	104.84 5.58 -28.65	106.10 5.89 -27.49	113.67 5.93 -35.38	126.96 6.35 -45.90	146.49 7.62 -52.27	139.57 7.42 -49.76	128.74 6.54 -47.88	128.19 6.38 -47.64	114.07 5.79 -36.85	112.80 5.94 -32.61	108.90 6.09 -28.57
VISCHER___FERRY HYD 24020	153.58 4.13 -75.75	148.12 3.95 -72.40	139.77 4.03 -64.98	139.29 3.95 -64.80	151.92 4.03 -77.13	159.66 4.05 -81.99	193.68 4.25 -114.87	219.49 4.05 -141.81	221.98 4.25 -143.17	188.09 4.30 -109.54	166.96 4.25 -88.19	157.91 4.08 -80.96	157.17 4.03 -82.38	157.14 3.95 -82.58	154.81 4.22 -77.87	179.19 4.20 -102.64	231.81 4.48 -152.61	262.90 5.20 -171.10	251.24 5.03 -163.82	237.15 4.46 -158.37	245.43 4.45 -166.81	184.00 4.21 -108.36	173.26 4.38 -94.63	161.38 4.23 -82.91
V_A_10_SYNC_DSASP 323832	77.88 -4.28 -8.45	75.47 -4.38 -8.08	73.90 -4.11 -7.25	73.11 -4.66 -7.23	75.18 -4.17 -8.60	78.58 -4.19 -9.15	81.69 -4.47 -11.60	83.55 -5.89 -15.82	80.02 -6.19 -11.65	79.35 -6.31 -11.42	79.04 -6.63 -11.14	76.68 -6.63 -10.44	74.91 -6.37 -10.52	74.54 -6.42 -10.35	75.79 -5.82 -8.89	77.23 -6.58 -11.45	82.34 -5.08 -12.71	95.39 -5.97 -14.77	91.07 -5.27 -13.96	82.32 -5.35 -13.35	81.01 -5.41 -12.26	76.98 -6.21 -11.77	79.60 -5.20 -10.56	79.34 -4.16 -9.25
V_CMM_10_SYNC_DSASP 323787	71.79 -1.92 0.00	70.34 -1.44 0.00	69.34 -1.41 0.00	69.34 -1.20 0.00	69.34 -1.41 0.00	71.57 -2.06 0.00	72.17 -2.39 0.00	71.79 -1.84 0.00	72.39 -2.16 0.00	72.17 -2.08 0.00	72.47 -2.09 -0.03	71.27 -1.60 0.00	69.41 -1.35 0.00	69.48 -1.13 0.00	71.13 -1.60 0.00	71.13 -1.23 0.00	72.40 -2.32 0.00	83.31 -3.29 0.00	79.18 -3.21 0.00	72.10 -2.23 0.00	71.94 -2.22 0.00	69.86 -1.57 0.00	71.94 -2.30 0.00	71.87 -2.38 0.00
V_CMP_10_SYNC_DSASP 323788	71.72 -1.99 0.00	70.13 -1.65 0.00	69.20 -1.56 0.00	69.20 -1.34 0.00	69.20 -1.56 0.00	71.49 -2.14 0.00	71.65 -2.91 0.00	71.34 -2.28 0.00	71.88 -2.68 0.00	71.58 -2.67 0.00	71.77 -2.76 0.00	70.62 -2.26 0.00	68.70 -2.05 0.00	68.77 -1.84 0.00	70.47 -2.26 0.00	70.48 -1.88 0.00	71.87 -2.84 0.00	82.62 -3.98 0.00	78.44 -3.95 0.00	71.65 -2.67 0.00	71.42 -2.74 0.00	69.21 -2.21 0.00	71.20 -3.05 0.00	71.72 -2.52 0.00
V_D_10_SYNC_DSASP 323841	71.50 -2.21 0.00	70.34 -1.44 0.00	69.41 -1.35 0.00	69.41 -1.13 0.00	69.34 -1.41 0.00	71.34 -2.28 0.00	71.65 -2.91 0.00	71.49 -2.14 0.00	71.65 -2.91 0.00	71.58 -2.67 0.00	71.90 -2.68 -0.05	71.20 -1.67 0.00	69.41 -1.35 0.00	69.48 -1.13 0.00	71.13 -1.60 0.00	71.13 -1.23 0.00	71.65 -3.07 0.00	82.53 -4.07 0.00	78.44 -3.95 0.00	71.57 -2.75 0.00	71.50 -2.67 0.00	69.92 -1.50 0.00	71.50 -2.75 0.00	71.50 -2.75 0.00
V_E_10_SYNC_DSASP 323830	99.54 6.93 -18.91	96.10 6.24 -18.07	92.99 6.01 -16.22	92.22 5.51 -16.18	96.10 6.09 -19.26	100.94 6.85 -20.47	109.05 7.90 -26.59	116.91 7.88 -35.40	110.68 7.83 -28.30	106.47 7.35 -24.88	103.56 7.31 -21.72	100.22 6.93 -20.42	97.89 6.58 -20.56	97.69 6.42 -20.65	99.47 6.83 -19.91	104.87 6.88 -25.63	113.52 8.14 -30.66	132.08 10.21 -35.27	125.98 10.13 -33.45	114.96 8.54 -32.09	112.88 8.01 -30.70	104.79 6.86 -26.51	105.07 7.20 -23.62	102.22 7.28 -20.70
V_F_30_NSYNC___DSASP 323816	155.94 5.16 -77.08	150.40 4.95 -73.67	141.83 4.95 -66.12	141.28 4.80 -65.94	154.19 4.95 -78.48	161.77 4.72 -83.43	198.74 5.07 -119.11	222.79 4.86 -144.30	233.24 5.07 -153.61	193.25 5.05 -113.95	169.26 4.99 -89.74	159.82 4.81 -82.13	159.12 4.67 -83.70	159.09 4.59 -83.89	156.67 4.95 -79.00	181.72 4.92 -104.44	243.31 5.38 -163.21	275.03 6.41 -182.03	263.02 6.01 -174.62	248.75 5.35 -169.07	260.90 5.34 -181.39	187.12 4.86 -110.84	175.51 4.98 -96.29	163.96 5.35 -84.36



V_F_30_SYNC_DSASP 323786	152.86 3.69 -75.46	147.49 3.59 -72.13	139.03 3.54 -64.74	138.55 3.46 -64.55	151.13 3.54 -76.84	158.99 3.68 -81.68	189.82 3.80 -111.46	218.52 3.61 -141.28	210.37 3.80 -132.01	183.89 3.86 -105.78	166.34 3.95 -87.86	156.95 3.79 -80.29	156.31 3.68 -81.88	156.35 3.67 -82.07	153.51 3.56 -77.22	177.87 3.26 -102.26	219.56 3.44 -141.41	250.41 3.98 -159.83	238.68 3.71 -152.58	224.74 3.27 -147.15	228.06 3.34 -150.56	181.82 3.21 -107.18	172.31 3.79 -94.28	160.48 3.64 -82.59
V_XM_10_SYNC_DSASP 323789	71.72 -1.99 0.00	70.13 -1.65 0.00	69.20 -1.56 0.00	69.20 -1.34 0.00	69.20 -1.56 0.00	71.49 -2.14 0.00	71.65 -2.91 0.00	71.34 -2.28 0.00	71.88 -2.68 0.00	71.58 -2.67 0.00	71.77 -2.76 0.00	70.62 -2.26 0.00	68.70 -2.05 0.00	68.77 -1.84 0.00	70.47 -2.26 0.00	70.48 -1.88 0.00	71.87 -2.84 0.00	82.62 -3.98 0.00	78.44 -3.95 0.00	71.65 -2.67 0.00	71.42 -2.74 0.00	69.21 -2.21 0.00	71.20 -3.05 0.00	71.72 -2.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	134.73 5.90 -55.13	130.07 5.60 -52.69	123.35 5.31 -47.29	122.85 5.15 -47.16	132.12 5.24 -56.13	139.04 5.74 -59.67	155.91 5.74 -75.62	182.58 5.74 -103.21	156.25 5.96 -75.73	151.14 6.16 -70.73	145.19 6.56 -64.11	143.38 6.34 -64.16	139.64 6.16 -62.73	139.70 6.14 -62.95	140.93 6.40 -61.81	153.21 6.15 -74.70	163.66 6.35 -82.60	190.27 7.62 -96.05	180.40 7.25 -90.75	167.57 6.47 -86.79	160.00 6.30 -79.53	154.21 6.00 -76.78	149.20 6.09 -68.87	140.89 6.31 -60.34
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	137.89 7.00 -57.18	133.03 6.60 -54.65	126.10 6.30 -49.05	125.59 6.14 -48.91	135.20 6.23 -58.22	142.22 6.70 -61.89	159.69 6.71 -78.42	187.45 6.77 -107.05	160.31 7.23 -78.52	155.25 7.65 -73.35	149.07 8.05 -66.50	147.44 7.87 -66.70	143.61 7.71 -65.14	143.68 7.70 -65.37	145.04 8.07 -64.24	157.51 7.67 -77.48	168.06 7.70 -85.65	195.38 9.18 -99.61	185.15 8.65 -94.11	171.97 7.66 -89.99	164.12 7.49 -82.46	158.28 7.21 -79.64	153.10 7.42 -71.43	144.70 7.87 -62.58
W50THST__13_KV_LOAD 356117	138.25 7.37 -57.18	133.46 7.03 -54.65	126.60 6.79 -49.05	126.08 6.63 -48.91	135.63 6.65 -58.22	142.73 7.22 -61.89	160.29 7.31 -78.42	188.04 7.36 -107.05	160.98 7.90 -78.52	155.91 8.32 -73.35	149.74 8.72 -66.50	148.17 8.60 -66.70	144.25 8.35 -65.14	144.31 8.33 -65.37	145.69 8.73 -64.24	158.16 8.32 -77.48	168.80 8.44 -85.65	196.16 9.96 -99.61	185.89 9.39 -94.11	172.64 8.32 -89.99	164.64 8.01 -82.46	158.85 7.79 -79.64	153.62 7.94 -71.43	145.29 8.46 -62.58
WADING RIVER_IC_1 23522	148.42 10.68 -64.03	136.82 10.34 -54.70	129.16 9.34 -49.07	128.64 9.17 -48.93	138.62 9.62 -58.24	146.17 10.60 -61.94	221.38 9.84 -136.98	224.10 10.01 -140.46	188.04 10.44 -103.04	156.60 8.98 -73.38	151.96 9.68 -67.75	151.86 9.33 -69.65	151.60 8.63 -72.22	146.61 8.33 -67.67	151.78 9.16 -69.89	161.35 8.61 -80.39	190.96 10.08 -106.16	262.91 11.09 -165.23	222.00 10.63 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.75 8.64 -106.69	154.68 8.98 -71.45	150.45 10.17 -66.03
WADING RIVER_IC_2 23547	148.42 10.68 -64.03	136.82 10.34 -54.70	129.16 9.34 -49.07	128.64 9.17 -48.93	138.62 9.62 -58.24	146.17 10.60 -61.94	221.38 9.84 -136.98	224.10 10.01 -140.46	188.04 10.44 -103.04	156.60 8.98 -73.38	151.96 9.68 -67.75	151.86 9.33 -69.65	151.60 8.63 -72.22	146.61 8.33 -67.67	151.78 9.16 -69.89	161.35 8.61 -80.39	190.96 10.08 -106.16	262.91 11.09 -165.23	222.00 10.63 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.75 8.64 -106.69	154.68 8.98 -71.45	150.45 10.17 -66.03
WADING RIVER_IC_3 23601	148.42 10.68 -64.03	136.82 10.34 -54.70	129.16 9.34 -49.07	128.64 9.17 -48.93	138.62 9.62 -58.24	146.17 10.60 -61.94	221.38 9.84 -136.98	224.10 10.01 -140.46	188.04 10.44 -103.04	156.60 8.98 -73.38	151.96 9.68 -67.75	151.86 9.33 -69.65	151.60 8.63 -72.22	146.61 8.33 -67.67	151.78 9.16 -69.89	161.35 8.61 -80.39	190.96 10.08 -106.16	262.91 11.09 -165.23	222.00 10.63 -128.98	215.22 9.73 -131.16	190.19 9.79 -106.23	186.75 8.64 -106.69	154.68 8.98 -71.45	150.45 10.17 -66.03
WALDENNY_12_KV_BK2 80841	79.06 -4.79 -10.14	76.66 -4.81 -9.69	74.79 -4.67 -8.70	73.86 -5.36 -8.67	76.27 -4.81 -10.33	79.74 -4.86 -10.98	83.50 -5.00 -13.94	85.99 -6.63 -18.99	81.74 -6.86 -14.04	79.18 -7.13 -12.06	76.86 -7.15 -9.48	74.62 -7.21 -8.96	72.75 -7.00 -9.00	72.93 -7.06 -9.38	77.14 -6.25 -10.67	80.10 -6.01 -13.75	84.64 -5.38 -15.31	98.32 -6.06 -17.78	93.51 -5.69 -16.81	84.75 -5.65 -16.08	83.62 -5.34 -14.80	79.06 -6.50 -14.13	81.20 -5.72 -12.67	80.89 -4.45 -11.10
WALDEN__HYDRO 24148	135.05 6.12 -55.23	130.38 5.81 -52.78	123.72 5.59 -47.37	123.21 5.43 -47.24	132.51 5.52 -56.23	139.51 6.11 -59.77	156.53 6.11 -75.85	183.13 6.11 -103.39	157.20 6.41 -76.23	151.68 6.46 -70.97	145.45 6.71 -64.22	143.35 6.41 -64.06	139.70 6.23 -62.72	139.69 6.14 -62.94	140.90 6.47 -61.70	153.48 6.30 -74.83	164.63 6.80 -83.12	191.51 8.31 -96.60	181.51 7.83 -91.29	168.55 6.91 -87.31	161.14 6.75 -80.23	154.73 6.36 -76.95	149.70 6.46 -68.99	141.22 6.53 -60.44
WARRENSBURG____ 23737	156.90 5.90 -77.30	151.33 5.67 -73.88	142.65 5.59 -66.31	142.10 5.43 -66.12	155.12 5.66 -78.71	161.49 4.19 -83.67	199.09 4.78 -119.76	222.99 4.64 -144.72	234.47 4.78 -155.14	193.62 4.76 -114.62	169.44 4.92 -89.99	159.81 4.59 -82.34	159.14 4.46 -83.92	159.11 4.38 -84.12	156.58 4.66 -79.20	181.73 4.63 -104.74	244.64 5.15 -164.77	276.56 6.32 -183.64	264.45 5.85 -176.21	250.09 5.12 -170.65	262.80 5.11 -183.52	187.16 4.50 -111.23	175.27 4.45 -96.57	165.01 6.16 -84.60
WATERSIDE__6 8 9 23538	138.20 7.30 -57.20	133.41 6.96 -54.67	126.33 6.51 -49.07	125.82 6.35 -48.93	135.43 6.44 -58.24	142.45 6.92 -61.91	159.78 6.78 -78.44	187.25 6.55 -107.07	160.18 7.08 -78.54	155.33 7.72 -73.37	149.24 8.20 -66.51	147.61 8.02 -66.72	143.77 7.85 -65.16	143.84 7.84 -65.39	145.20 8.22 -64.26	157.67 7.81 -77.50	168.07 7.70 -85.66	195.40 9.18 -99.62	185.17 8.65 -94.12	171.99 7.66 -90.01	164.42 7.79 -82.47	158.51 7.43 -79.66	153.34 7.65 -71.45	145.01 8.17 -62.60
WATKINRD_115KV_LN8_ILLION 55919	75.25 1.55 0.00	73.21 1.44 0.00	72.10 1.34 0.00	71.88 1.34 0.00	72.17 1.42 0.00	75.17 1.55 0.00	76.20 1.64 0.00	75.17 1.55 0.00	76.27 1.71 0.00	75.95 1.71 0.00	76.31 1.79 0.00	74.48 1.60 0.00	72.38 1.63 0.00	72.16 1.55 0.00	74.40 1.67 0.00	74.02 1.66 0.00	76.43 1.72 0.00	88.68 2.08 0.00	84.37 1.98 0.00	76.03 1.71 0.00	75.87 1.71 0.00	73.00 1.57 0.00	75.88 1.63 0.00	75.88 1.63 0.00
WATSON__69_KV_BK 1 55734	148.42 10.69 -64.03	136.81 10.34 -54.70	129.23 9.41 -49.07	128.64 9.17 -48.93	138.62 9.62 -58.24	146.09 10.53 -61.94	192.11 9.99 -107.57	213.43 10.16 -129.64	185.82 10.36 -100.90	158.02 10.39 -73.38	153.31 11.03 -67.75	153.31 10.79 -69.65	153.23 10.26 -72.22	148.38 10.10 -67.67	153.31 10.69 -69.89	163.35 10.49 -80.50	191.79 10.91 -106.16	265.07 13.25 -165.23	223.97 12.61 -128.98	216.78 11.30 -131.16	191.52 11.13 -106.23	188.26 10.14 -106.69	156.54 10.84 -71.45	151.56 11.29 -66.03
WDELAWARE__HYD 323627	132.59 6.71 -52.18	128.03 6.39 -49.87	121.60 6.09 -44.76	121.17 5.99 -44.63	130.03 6.15 -53.13	137.02 6.92 -56.47	153.21 6.78 -71.86	178.31 7.00 -97.68	154.38 7.09 -72.74	148.42 6.91 -67.27	142.13 6.93 -60.67	139.19 6.41 -59.90	135.77 6.09 -58.92	135.67 5.93 -59.12	136.83 6.40 -57.71	149.43 6.37 -70.70	161.49 7.54 -79.24	187.84 9.27 -91.98	178.08 8.73 -86.96	165.25 7.73 -83.20	158.58 7.57 -76.84	151.10 6.93 -72.75	146.48 7.06 -65.18	138.33 6.98 -57.11

WEST BABYLON___IC 23714	147.75 10.02 -64.02	136.16 9.69 -54.70	128.67 8.84 -49.07	128.08 8.61 -48.93	137.98 8.99 -58.24	145.50 9.94 -61.94	169.66 9.47 -85.63	204.76 9.57 -121.56	183.70 9.84 -99.30	157.50 9.87 -73.38	152.78 10.51 -67.75	152.80 10.28 -69.65	152.74 9.76 -72.22	147.95 9.67 -67.67	152.87 10.25 -69.89	163.05 9.99 -80.71	191.26 10.39 -106.16	264.38 12.56 -165.23	223.31 11.95 -128.98	216.19 10.70 -131.16	190.93 10.53 -106.23	187.83 9.71 -106.69	156.02 10.32 -71.46	151.04 10.77 -66.03
WEST CANADA___HYD 24049	74.44 0.74 0.00	72.42 0.64 0.00	71.39 0.64 0.00	71.17 0.63 0.00	71.39 0.64 0.00	74.44 0.81 0.00	75.38 0.82 0.00	74.36 0.74 0.00	75.38 0.82 0.00	75.06 0.82 0.00	75.34 0.82 0.00	73.68 0.80 0.00	71.54 0.78 0.00	71.32 0.71 0.00	73.53 0.80 0.00	73.08 0.72 0.00	75.61 0.90 0.00	87.64 1.04 0.00	83.38 0.99 0.00	75.14 0.82 0.00	74.98 0.82 0.00	72.21 0.79 0.00	75.14 0.89 0.00	75.14 0.89 0.00
WESTERN_NY_WIND 24143	79.36 -3.17 -8.83	76.99 -3.23 -8.44	75.14 -3.18 -7.57	74.28 -3.81 -7.55	76.49 -3.25 -8.99	79.87 -3.31 -9.55	83.48 -3.21 -12.12	85.81 -4.34 -16.53	82.20 -4.55 -12.19	80.17 -4.83 -10.75	78.49 -4.92 -8.89	76.00 -5.25 -8.37	74.15 -5.02 -8.42	74.11 -5.15 -8.66	77.65 -4.36 -9.29	80.27 -4.05 -11.96	84.72 -3.29 -13.29	98.66 -3.38 -15.44	93.85 -3.13 -14.59	84.79 -3.49 -13.96	83.88 -3.12 -12.82	79.30 -4.43 -12.30	81.49 -3.79 -11.03	80.86 -3.04 -9.66
WESTOVER___LESR 323668	93.83 0.52 -19.61	90.81 0.29 -18.74	87.86 0.28 -16.82	87.32 0.00 -16.78	91.01 0.28 -19.97	95.29 0.44 -21.23	102.48 0.82 -27.10	110.64 0.29 -36.71	102.52 0.30 -27.66	99.56 0.15 -25.17	96.97 0.15 -22.30	93.84 0.00 -20.96	91.86 0.00 -21.10	91.78 -0.07 -21.24	93.73 0.36 -20.64	99.30 0.36 -26.58	105.65 0.82 -30.11	122.70 1.21 -34.89	116.55 1.15 -33.01	106.66 0.74 -31.59	104.26 0.74 -29.35	99.01 0.21 -27.37	99.11 0.37 -24.50	96.38 0.67 -21.46
WETHRSFD_WT_PWR 323626	80.63 -4.57 -11.50	77.96 -4.81 -10.99	76.16 -4.46 -9.86	75.23 -5.15 -9.84	77.86 -4.60 -11.71	81.51 -4.57 -12.44	85.90 -4.47 -15.82	89.26 -5.89 -21.52	84.33 -6.19 -15.96	81.87 -6.39 -14.01	79.25 -6.78 -11.51	76.80 -6.92 -10.85	75.01 -6.65 -10.91	75.12 -6.71 -11.22	78.64 -6.18 -12.10	81.14 -6.80 -15.58	86.95 -5.15 -17.40	100.99 -5.80 -20.20	96.21 -5.27 -19.09	87.24 -5.35 -18.26	85.51 -5.49 -16.83	81.17 -6.29 -16.03	83.26 -5.35 -14.36	82.45 -4.38 -12.58
WHAVSTOR_138KV_BK127 55557	134.57 5.68 -55.19	129.91 5.38 -52.75	123.20 5.09 -47.35	122.69 4.94 -47.21	131.98 5.02 -56.20	138.82 5.45 -59.74	155.70 5.44 -75.70	182.41 5.45 -103.33	155.96 5.59 -75.81	150.92 5.87 -70.81	144.97 6.26 -64.18	143.17 6.05 -64.24	139.50 5.94 -62.80	139.50 5.86 -63.03	140.79 6.18 -61.88	153.08 5.93 -74.79	163.46 6.05 -82.69	189.95 7.19 -96.17	180.09 6.84 -90.86	167.30 6.09 -86.89	159.80 6.01 -79.63	153.94 5.64 -76.87	148.99 5.79 -68.95	140.67 6.01 -60.41
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	134.57 5.68 -55.19	129.91 5.38 -52.75	123.20 5.09 -47.35	122.69 4.94 -47.21	131.98 5.02 -56.20	138.82 5.45 -59.74	155.70 5.44 -75.70	182.41 5.45 -103.33	155.96 5.59 -75.81	150.92 5.87 -70.81	144.97 6.26 -64.18	143.17 6.05 -64.24	139.50 5.94 -62.80	139.50 5.86 -63.03	140.79 6.18 -61.88	153.08 5.93 -74.79	163.46 6.05 -82.69	189.95 7.19 -96.17	180.09 6.84 -90.86	167.30 6.09 -86.89	159.80 6.01 -79.63	153.94 5.64 -76.87	148.99 5.79 -68.95	140.67 6.01 -60.41
WHITEHAL_115KV_TB1 80871	158.06 7.15 -77.21	152.46 6.89 -73.79	143.78 6.79 -66.23	143.15 6.56 -66.05	156.23 6.86 -78.61	162.94 5.74 -83.57	200.68 6.64 -119.49	224.65 6.48 -144.54	235.70 6.64 -154.50	195.12 6.53 -114.34	171.20 6.78 -89.89	161.47 6.34 -82.25	160.53 5.94 -83.83	160.64 6.00 -84.02	158.31 6.47 -79.11	183.41 6.44 -104.62	245.86 7.02 -164.12	278.14 8.57 -182.97	265.77 7.83 -175.55	251.08 6.76 -169.99	263.78 6.97 -182.64	188.64 6.14 -111.07	176.71 6.01 -96.45	166.17 7.42 -84.50
WHITEPLN_13_KV_LOAD 356215	137.86 7.08 -57.07	133.00 6.68 -54.55	126.08 6.37 -48.96	125.57 6.21 -48.82	135.17 6.30 -58.11	142.25 6.85 -61.77	159.84 7.01 -78.28	187.62 7.14 -106.85	160.39 7.46 -78.38	155.26 7.80 -73.22	149.10 8.20 -66.37	147.46 8.02 -66.57	143.56 7.78 -65.02	143.55 7.70 -65.25	144.84 8.00 -64.12	157.51 7.81 -77.34	168.27 8.07 -85.49	195.72 9.70 -99.42	185.47 9.15 -93.94	172.25 8.10 -89.83	164.41 7.94 -82.31	158.28 7.36 -79.49	153.04 7.50 -71.30	144.51 7.80 -62.47
WM_FLOYD_69_KV_BK2 356380	148.20 10.47 -64.03	136.60 10.12 -54.70	129.02 9.20 -49.07	128.43 8.96 -48.93	138.41 9.41 -58.24	145.95 10.38 -61.94	221.75 9.77 -137.42	224.04 9.79 -140.62	187.70 10.07 -103.07	157.05 9.43 -73.38	152.34 10.06 -67.75	152.37 9.84 -69.65	152.31 9.34 -72.22	147.39 9.11 -67.67	152.36 9.75 -69.89	162.16 9.41 -80.39	190.81 9.94 -106.16	263.60 11.78 -165.23	222.49 11.12 -128.98	215.74 10.26 -131.16	190.41 10.01 -106.23	187.19 9.07 -106.69	155.57 9.87 -71.45	150.82 10.54 -66.03
WOODARD___115KV_TB2 355635	78.81 -0.74 -5.84	76.50 -0.86 -5.58	74.92 -0.85 -5.01	74.55 -0.99 -5.00	75.85 -0.85 -5.95	79.21 -0.74 -6.32	81.76 -0.37 -7.57	84.05 -0.52 -10.93	80.58 -0.45 -6.47	80.73 -0.52 -7.01	80.80 -0.52 -6.79	78.53 -0.73 -6.38	76.35 -0.78 -6.38	76.09 -0.92 -6.39	78.16 -0.65 -6.09	79.56 -0.65 -7.85	81.33 -0.52 -7.14	94.87 -0.35 -8.62	90.04 -0.41 -8.06	81.44 -0.52 -7.64	79.79 -0.52 -6.14	78.66 -0.79 -8.02	80.87 -0.67 -7.30	79.97 -0.67 -6.39
YORK___WARBASSE 23770	138.57 7.67 -57.20	133.70 7.25 -54.67	126.69 6.86 -49.07	126.17 6.70 -48.93	135.79 6.79 -58.24	142.82 7.29 -61.91	160.00 7.01 -78.44	187.62 6.92 -107.07	160.55 7.46 -78.54	155.85 8.24 -73.37	149.69 8.65 -66.52	148.05 8.45 -66.72	144.20 8.28 -65.16	144.26 8.26 -65.39	145.64 8.65 -64.26	158.11 8.25 -77.50	168.59 8.22 -85.66	196.01 9.79 -99.62	185.83 9.31 -94.12	172.59 8.25 -90.02	165.08 8.38 -82.53	159.02 7.93 -79.66	153.86 8.17 -71.45	145.46 8.61 -62.60