

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/16/2025

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	94.50	85.90	91.00	88.06	89.18	85.84	93.43	91.00	99.73	108.67	116.94	117.03	120.29	117.99	117.22	114.41	120.56	121.16	150.32	120.88	117.01	105.52	87.38	92.52
24138	4.40	4.20	4.02	4.02	4.02	4.02	3.94	4.13	6.43	6.89	6.90	7.10	7.28	7.19	7.28	7.27	7.59	7.69	7.78	7.57	7.37	4.79	4.81	4.31
	-26.28	-20.71	-26.05	-23.12	-24.30	-20.97	-28.75	-26.21	-0.05	-6.12	-14.28	-13.98	-17.15	-15.05	-14.09	-11.49	-16.93	-17.43	-46.40	-17.45	-13.99	-40.07	-21.65	-27.48
74TH STREET_GT_1	94.57	86.03	91.06	88.12	89.18	85.85	93.43	91.06	99.92	108.57	116.84	116.94	120.20	117.90	117.13	114.32	120.47	121.07	150.23	120.79	117.01	105.53	87.51	92.58
24260	4.47	4.33	4.08	4.08	4.02	4.02	3.95	4.19	6.62	6.79	6.80	7.00	7.19	7.09	7.19	7.17	7.49	7.59	7.69	7.48	7.37	4.79	4.93	4.37
	-26.28	-20.71	-26.06	-23.12	-24.30	-20.97	-28.76	-26.22	-0.05	-6.13	-14.28	-13.99	-17.16	-15.05	-14.09	-11.49	-16.93	-17.43	-46.40	-17.46	-13.99	-40.07	-21.65	-27.48
74TH STREET_GT_2	94.57	86.03	91.06	88.12	89.18	85.85	93.43	91.06	99.92	108.57	116.84	116.94	120.20	117.90	117.13	114.32	120.47	121.07	150.23	120.79	117.01	105.53	87.51	92.58
24261	4.47	4.33	4.08	4.08	4.02	4.02	3.95	4.19	6.62	6.79	6.80	7.00	7.19	7.09	7.19	7.17	7.49	7.59	7.69	7.48	7.37	4.79	4.93	4.37
	-26.28	-20.71	-26.06	-23.12	-24.30	-20.97	-28.76	-26.22	-0.05	-6.13	-14.28	-13.99	-17.16	-15.05	-14.09	-11.49	-16.93	-17.43	-46.40	-17.46	-13.99	-40.07	-21.65	-27.48
ADK HUDSON___FALLS	102.31	92.03	98.70	94.93	96.30	92.16	101.71	98.55	101.20	168.32	169.77	170.79	185.87	168.23	164.02	152.87	162.54	174.35	162.89	148.58	122.39	116.03	93.15	100.10
24011	5.36	4.94	4.93	4.87	4.81	4.87	4.74	4.85	7.74	8.13	8.24	8.25	8.24	8.04	7.86	7.94	8.26	8.45	8.27	7.96	7.75	4.85	4.93	4.74
	-33.12	-26.10	-32.84	-29.14	-30.63	-26.43	-36.25	-33.04	-0.20	-64.53	-65.78	-66.58	-81.77	-64.43	-60.30	-49.27	-58.23	-69.85	-58.48	-44.77	-18.99	-50.51	-27.29	-34.64
ADK RESOURCE___RCVRY	102.46	92.17	98.78	95.01	96.44	92.30	101.86	98.63	101.29	168.89	170.30	171.32	186.48	168.74	164.51	153.40	163.09	174.97	163.22	148.93	122.60	116.12	93.23	100.18
23798	5.49	5.06	5.00	4.93	4.93	4.99	4.86	4.91	7.83	8.32	8.43	8.45	8.44	8.24	8.05	8.23	8.54	8.74	8.55	8.14	7.93	4.91	5.00	4.80
	-33.15	-26.12	-32.86	-29.16	-30.65	-26.45	-36.27	-33.07	-0.20	-64.92	-66.11	-66.92	-82.19	-64.75	-60.60	-49.52	-58.50	-70.19	-58.53	-44.93	-19.01	-50.54	-27.31	-34.66
ADK S GLENS___FALLS	102.31	92.03	98.70	94.93	96.30	92.16	101.71	98.55	101.20	168.32	169.77	170.79	185.87	168.23	164.02	152.87	162.54	174.35	162.89	148.58	122.39	116.03	93.15	100.10
24028	5.36	4.94	4.93	4.87	4.81	4.87	4.74	4.85	7.74	8.13	8.24	8.25	8.24	8.04	7.86	7.94	8.26	8.45	8.27	7.96	7.75	4.85	4.93	4.74
	-33.12	-26.10	-32.84	-29.14	-30.63	-26.43	-36.25	-33.04	-0.20	-64.53	-65.78	-66.58	-81.77	-64.43	-60.30	-49.27	-58.23	-69.85	-58.48	-44.77	-18.99	-50.51	-27.29	-34.64
ADK_NYS___DAM	100.49	90.67	96.98	93.46	94.78	90.73	99.99	96.89	100.13	147.73	151.81	152.53	163.71	151.21	148.21	139.80	148.41	156.51	160.03	139.56	120.82	113.97	91.99	98.55
23527	4.72	4.51	4.39	4.44	4.38	4.38	4.31	4.37	6.72	6.98	6.99	7.10	7.09	6.99	6.99	7.08	7.30	7.50	7.50	7.38	7.27	4.61	4.76	4.43
	-31.94	-25.17	-31.67	-28.10	-29.53	-25.48	-34.95	-31.86	-0.15	-45.10	-49.07	-49.48	-60.76	-48.47	-45.37	-37.06	-45.07	-52.97	-56.39	-36.33	-17.90	-48.70	-26.31	-33.40
AIR_PRODUCTS___DRP	98.49	88.68	95.13	91.55	92.93	88.87	98.10	94.87	96.83	131.71	137.65	137.91	146.63	137.56	135.30	128.21	135.79	141.16	155.22	130.18	116.57	111.59	89.46	96.49
24190	2.62	2.44	2.44	2.44	2.43	2.43	2.31	2.24	3.45	3.44	3.35	3.26	3.26	3.35	3.45	3.16	2.79	2.69	2.50	2.97	3.25	2.06	2.13	2.25
	-32.05	-25.25	-31.77	-28.19	-29.64	-25.57	-35.07	-31.97	-0.12	-32.61	-38.54	-38.70	-47.52	-38.45	-35.99	-29.40	-36.96	-42.43	-56.58	-31.35	-17.66	-48.87	-26.40	-33.51
AKWESSNE_115KV_BK	62.99	60.26	60.31	60.19	60.19	60.25	60.24	60.17	92.70	94.99	94.99	94.99	94.99	94.90	94.90	94.97	94.99	94.89	94.99	94.99	95.18	60.18	60.13	60.12
355683	-0.83	-0.73	-0.61	-0.73	-0.67	-0.61	-0.49	-0.49	-0.56	-0.67	-0.77	-0.96	-0.86	-0.86	-0.96	-0.67	-1.06	-1.15	-1.15	-0.86	-0.48	-0.49	-0.79	-0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	98.63	88.91	95.25	91.73	93.02	89.03	98.16	94.80	97.83	123.98	131.09	131.28	138.26	131.43	129.52	123.83	131.27	135.09	155.77	127.56	117.12	111.34	89.67	96.45
323833	3.32	3.11	3.11	3.11	3.04	3.04	2.97	2.73	4.48	4.31	4.21	4.22	4.21	4.31	4.32	4.20	4.13	4.13	4.04	4.12	4.31	2.67	2.80	2.79
	-31.49	-24.81	-31.22	-27.70	-29.12	-25.12	-34.46	-31.41	-0.10	-24.02	-31.12	-31.11	-38.19	-31.36	-29.35	-23.97	-31.10	-34.92	-55.59	-27.59	-17.16	-48.01	-25.94	-32.93
ALBANY_2_SOLAR	98.63	88.91	95.25	91.73	93.02	89.03	98.10	94.80	97.74	123.97	131.08	131.27	138.25	131.32	129.51	123.83	131.27	135.08	155.78	127.56	117.02	111.35	89.67	96.45
323834	3.32	3.11	3.11	3.11	3.04	3.04	2.91	2.73	4.38	4.31	4.21	4.22	4.21	4.21	4.32	4.20	4.13	4.13	4.04	4.12	4.20	2.67	2.80	2.79
	-31.49	-24.81	-31.22	-27.70	-29.12	-25.12	-34.46	-31.41	-0.10	-24.01	-31.11	-31.10	-38.18	-31.35	-29.34	-23.97	-31.10	-34.91	-55.60	-27.58	-17.16	-48.02	-25.94	-32.93
ALBANY___1	98.49	88.68	95.13	91.55	92.93	88.87	98.10	94.87	96.83	131.71	137.65	137.91	146.63	137.56	135.30	128.21	135.79	141.16	155.22	130.18	116.57	111.59	89.46	96.49
23571	2.62	2.44	2.44	2.44	2.43	2.43	2.31	2.24	3.45	3.44	3.35	3.26	3.26	3.35	3.45	3.16	2.79	2.69	2.50	2.97	3.25	2.06	2.13	2.25
	-32.05	-25.25	-31.77	-28.19	-29.64	-25.57	-35.07	-31.97	-0.12	-32.61	-38.54	-38.70	-47.52	-38.45	-35.99	-29.40	-36.96	-42.43	-56.58	-31.35	-17.66	-48.87	-26.40	-33.51

ALBANY___2 23572	98.49 2.62 -32.05	88.68 2.44 -25.25	95.13 2.44 -31.77	91.55 2.44 -28.19	92.93 2.43 -29.64	88.87 2.43 -25.57	98.10 2.31 -35.07	94.87 2.24 -31.97	96.83 3.45 -0.12	131.71 3.44 -32.61	137.65 3.35 -38.54	137.91 3.26 -38.70	146.63 3.26 -47.52	137.56 3.35 -38.45	135.30 3.45 -35.99	128.21 3.16 -29.40	135.79 2.79 -36.96	141.16 2.69 -42.43	155.22 2.50 -56.58	130.18 2.97 -31.35	116.57 3.25 -17.66	111.59 2.06 -48.87	89.46 2.13 -26.40	96.49 2.25 -33.51
ALBANY___3 23573	98.49 2.62 -32.05	88.68 2.44 -25.25	95.13 2.44 -31.77	91.55 2.44 -28.19	92.93 2.43 -29.64	88.87 2.43 -25.57	98.10 2.31 -35.07	94.87 2.24 -31.97	96.83 3.45 -0.12	131.71 3.44 -32.61	137.65 3.35 -38.54	137.91 3.26 -38.70	146.63 3.26 -47.52	137.56 3.35 -38.45	135.30 3.45 -35.99	128.21 3.16 -29.40	135.79 2.79 -36.96	141.16 2.69 -42.43	155.22 2.50 -56.58	130.18 2.97 -31.35	116.57 3.25 -17.66	111.59 2.06 -48.87	89.46 2.13 -26.40	96.49 2.25 -33.51
ALBANY___4 23574	98.49 2.62 -32.05	88.68 2.44 -25.25	95.13 2.44 -31.77	91.55 2.44 -28.19	92.93 2.43 -29.64	88.87 2.43 -25.57	98.10 2.31 -35.07	94.87 2.24 -31.97	96.83 3.45 -0.12	131.71 3.44 -32.61	137.65 3.35 -38.54	137.91 3.26 -38.70	146.63 3.26 -47.52	137.56 3.35 -38.45	135.30 3.45 -35.99	128.21 3.16 -29.40	135.79 2.79 -36.96	141.16 2.69 -42.43	155.22 2.50 -56.58	130.18 2.97 -31.35	116.57 3.25 -17.66	111.59 2.06 -48.87	89.46 2.13 -26.40	96.49 2.25 -33.51
ALBANY___LFGE 323615	99.31 3.13 -32.36	89.41 2.93 -25.50	95.87 2.86 -32.08	92.25 2.86 -28.46	93.64 2.86 -29.92	89.54 2.86 -25.82	98.87 2.74 -35.41	95.60 2.67 -32.28	97.60 4.20 -0.14	142.17 4.31 -42.21	146.60 4.11 -46.72	147.15 4.12 -47.07	157.78 4.12 -57.80	146.22 4.21 -46.25	143.46 4.32 -43.29	135.13 4.11 -35.37	143.23 3.85 -43.34	150.44 3.74 -50.66	156.83 3.56 -57.13	135.16 3.93 -35.37	117.81 4.11 -18.05	112.61 2.61 -49.34	90.26 2.68 -26.66	97.30 2.74 -33.83
ALCOA_PA_115KV_PL-6C 55860	63.25 -0.57 0.00	60.56 -0.43 0.00	60.56 -0.37 0.00	60.43 -0.49 0.00	60.44 -0.43 0.00	60.50 -0.37 0.00	60.48 -0.24 0.00	60.47 -0.18 0.00	92.98 -0.28 0.00	95.27 -0.38 0.00	95.28 -0.48 0.00	95.28 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.57 0.00	95.18 -0.67 0.00	95.16 -0.48 0.01	95.08 -0.96 0.00	94.99 -1.06 0.00	95.18 -0.96 0.00	95.18 -0.67 0.00	95.46 -0.19 0.00	60.48 -0.18 0.00	60.37 -0.55 0.00	60.36 -0.36 0.00
ALCOA_RYNLDS___DRP 24188	63.25 -0.57 0.00	60.56 -0.43 0.00	60.56 -0.37 0.00	60.43 -0.49 0.00	60.44 -0.43 0.00	60.50 -0.37 0.00	60.48 -0.24 0.00	60.47 -0.18 0.00	92.98 -0.28 0.00	95.27 -0.38 0.00	95.28 -0.48 0.00	95.28 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.57 0.00	95.18 -0.67 0.00	95.16 -0.48 0.01	95.08 -0.96 0.00	94.99 -1.06 0.00	95.18 -0.96 0.00	95.18 -0.67 0.00	95.46 -0.19 0.00	60.48 -0.18 0.00	60.37 -0.55 0.00	60.36 -0.36 0.00
ALCOA___DSASP 323711	63.25 -0.58 0.00	60.56 -0.42 0.00	60.56 -0.36 0.00	60.43 -0.49 0.00	60.44 -0.42 0.00	60.50 -0.36 0.00	60.48 -0.24 0.00	60.47 -0.18 0.00	92.98 -0.28 0.00	95.27 -0.38 0.00	95.28 -0.48 0.00	95.28 -0.67 0.00	95.19 -0.67 0.00	95.28 -0.48 0.00	95.19 -0.67 0.00	95.17 -0.48 0.01	95.08 -0.96 0.00	95.08 -0.96 0.00	95.08 -1.06 0.00	95.19 -0.67 0.00	95.46 -0.19 0.00	60.42 -0.24 0.00	60.37 -0.55 0.00	60.36 -0.36 0.00
ALLEGHENY___COGEN 23514	70.02 1.15 -5.05	65.64 0.67 -3.98	66.41 0.49 -5.00	65.73 0.37 -4.44	65.65 0.12 -4.67	65.07 0.18 -4.03	65.70 -0.55 -5.52	65.02 -0.67 -5.03	90.53 -2.71 0.02	92.40 -3.25 0.00	94.82 -3.74 -2.79	95.16 -3.45 -2.66	95.19 -3.93 -3.27	94.46 -4.40 -3.10	94.64 -4.12 -2.90	93.60 -4.21 -2.15	95.99 -2.79 -2.73	96.60 -2.79 -3.34	96.09 -2.12 -2.07	92.09 -3.07 0.69	91.90 -3.15 0.60	61.35 -1.15 -1.84	64.47 -0.61 -4.16	65.58 -0.42 -5.28
ALTAMONT_115KV_TB 2 55880	98.45 2.62 -32.01	88.65 2.44 -25.22	95.10 2.44 -31.74	91.52 2.44 -28.16	92.90 2.43 -29.60	88.83 2.43 -25.54	98.12 2.37 -35.03	94.89 2.30 -31.93	96.90 3.54 -0.10	124.55 3.63 -25.26	131.64 3.54 -32.34	131.94 3.65 -32.35	139.21 3.64 -39.71	131.94 3.64 -32.54	129.96 3.64 -30.46	124.17 3.63 -24.88	131.85 3.65 -32.16	135.90 3.65 -36.20	156.31 3.65 -56.51	127.87 3.64 -28.38	116.75 3.63 -17.46	111.84 2.37 -48.81	89.73 2.44 -26.37	96.51 2.31 -33.47
ALTONA_WT_PWR 323606	63.57 -0.25 0.00	60.75 -0.24 0.00	60.74 -0.18 0.00	60.56 -0.36 0.00	60.50 -0.36 0.00	60.56 -0.30 0.00	60.06 -0.67 0.00	59.99 -0.67 0.00	91.95 -1.31 0.00	94.12 -1.53 0.00	93.94 -1.82 0.00	93.84 -2.11 0.00	93.84 -2.02 0.00	93.65 -2.11 0.00	93.55 -2.30 0.00	93.63 -2.01 0.01	93.74 -2.31 0.00	93.93 -2.11 0.00	94.31 -1.83 0.00	94.51 -1.34 0.00	94.99 -0.66 0.00	60.18 -0.49 0.00	59.95 -0.98 0.00	59.93 -0.79 0.00
AMERICAN_REF_FUEL 24010	63.44 -4.98 -4.60	59.55 -5.06 -3.62	60.42 -5.06 -4.56	59.85 -5.12 -4.04	59.76 -5.36 -4.25	59.05 -5.48 -3.67	59.26 -6.50 -5.03	58.14 -7.10 -4.59	80.19 -13.06 0.01	82.37 -13.29 -0.01	84.79 -13.50 -2.53	85.22 -13.14 -2.41	84.72 -14.09 -2.96	84.10 -14.46 -2.81	84.29 -14.19 -2.62	82.38 -15.21 -1.93	84.30 -14.41 -2.67	84.44 -14.69 -3.09	86.53 -13.46 -3.85	81.75 -14.66 -0.56	81.71 -14.35 -0.40	56.80 -7.22 -3.35	57.94 -6.76 -3.79	59.58 -5.95 -4.81
ARKWRIGHT___SUMMIT_WT_PWR 323751	65.93 -3.00 -5.11	61.78 -3.23 -4.03	62.76 -3.23 -5.07	62.13 -3.29 -4.49	61.94 -3.65 -4.72	61.17 -3.77 -4.08	61.64 -4.67 -5.59	60.78 -4.97 -5.10	84.48 -8.77 0.01	86.86 -8.80 -0.01	89.78 -8.81 -2.83	90.01 -8.64 -2.70	90.06 -9.11 -3.31	89.52 -9.38 -3.14	88.73 -10.06 -2.94	87.51 -10.33 -2.19	88.50 -10.47 -2.92	89.59 -9.89 -3.44	89.52 -10.29 -3.67	85.47 -10.64 -0.26	85.38 -10.42 -0.15	57.44 -6.43 -3.21	59.40 -5.73 -4.21	60.97 -5.10 -5.34
ARTHUR KILL_GT_1 23520	100.47 4.66 -31.99	99.61 4.58 -34.05	99.61 4.33 -34.36	87.94 3.84 -23.18	88.94 3.71 -24.36	85.54 3.65 -21.02	99.49 4.13 -34.63	99.42 4.31 -34.46	102.73 6.62 -2.85	108.09 6.31 -6.13	115.98 5.94 -14.28	116.08 6.15 -13.99	119.43 6.42 -17.16	117.13 6.32 -15.05	116.37 6.42 -14.09	113.66 6.51 -11.49	120.08 7.11 -16.93	120.77 7.30 -17.43	149.95 7.40 -46.40	120.50 7.19 -17.46	116.73 7.08 -13.99	105.53 4.74 -40.13	103.13 5.00 -37.21	101.37 4.56 -36.08
ARTHUR_KILL_2 23512	100.28 4.47 -31.99	99.43 4.39 -34.05	99.43 4.14 -34.36	87.75 3.66 -23.18	88.75 3.53 -24.36	85.35 3.47 -21.02	99.30 3.94 -34.63	99.30 4.18 -34.46	102.45 6.34 -2.85	107.81 6.03 -6.13	115.79 5.75 -14.28	115.79 5.85 -13.99	119.24 6.23 -17.16	116.85 6.04 -15.05	116.08 6.14 -14.09	113.36 6.21 -11.49	119.80 6.82 -16.93	120.49 7.01 -17.43	149.66 7.11 -46.40	120.22 6.91 -17.46	116.44 6.79 -13.99	105.35 4.55 -40.13	102.94 4.81 -37.21	101.18 4.37 -36.08
ARTHUR_KILL_3 23513	99.52 3.70 -32.00	98.64 3.60 -34.05	98.64 3.35 -34.37	87.51 3.41 -23.18	88.63 3.41 -24.36	85.29 3.41 -21.03	98.64 3.28 -34.64	98.64 3.52 -34.47	101.52 5.41 -2.86	107.42 5.64 -6.12	109.30 5.65 -7.89	109.30 5.76 -7.59	109.30 6.04 -7.40	109.30 5.94 -7.60	109.30 5.95 -7.50	107.55 6.03 -5.86	105.16 6.44 -2.68	105.34 6.44 -2.86	106.09 6.54 -3.41	105.34 6.32 -3.16	105.34 6.21 -3.47	104.92 4.13 -40.13	102.40 4.26 -37.21	100.52 3.70 -36.09

ARTHUR_KILL_COGEN 323718	100.47 4.66 -31.99	99.61 4.58 -34.05	99.61 4.33 -34.36	87.94 3.84 -23.18	88.94 3.71 -24.36	85.54 3.65 -21.02	99.49 4.13 -34.63	99.42 4.31 -34.46	102.73 6.62 -2.85	108.09 6.31 -6.13	115.98 5.94 -14.28	116.08 6.15 -13.99	119.43 6.42 -17.16	117.13 6.32 -15.05	116.37 6.42 -14.09	113.66 6.51 -11.49	120.08 7.11 -16.93	120.77 7.30 -17.43	149.95 7.40 -46.40	120.50 7.19 -17.46	116.73 7.08 -13.99	105.53 4.74 -40.13	103.13 5.00 -37.21	101.37 4.56 -36.08
ASHOKAN____ 23654	95.12 1.91 -29.38	86.09 1.95 -23.15	91.82 1.77 -29.13	88.59 1.83 -25.85	89.92 1.89 -27.17	86.31 2.01 -23.44	94.88 2.00 -32.15	91.96 2.00 -29.31	100.70 7.37 -0.08	117.54 3.44 -18.44	124.34 2.87 -25.71	124.06 2.49 -25.62	129.98 2.68 -31.44	124.53 2.68 -26.09	123.06 2.78 -24.42	118.57 2.97 -19.94	125.66 3.16 -26.45	128.65 3.36 -29.25	151.57 3.56 -51.87	122.88 2.87 -24.16	114.54 2.97 -15.92	107.28 1.82 -44.80	87.08 1.95 -24.20	93.03 1.58 -30.72
ASTORIA_EAST_ENERGY_CC1 323581	94.26 4.15 -26.29	85.67 3.96 -20.72	90.76 3.78 -26.06	87.70 3.66 -23.12	88.69 3.53 -24.30	85.35 3.53 -20.96	93.06 3.58 -28.75	90.75 3.89 -26.21	99.35 6.06 -0.04	107.90 6.13 -6.12	116.17 6.13 -14.28	116.26 6.33 -13.98	119.61 6.61 -17.15	117.22 6.42 -15.04	116.46 6.52 -14.08	113.74 6.60 -11.49	119.98 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.45	116.53 6.89 -13.98	105.29 4.55 -40.07	87.21 4.63 -21.66	92.40 4.19 -27.49
ASTORIA_EAST_ENERGY_CC2 323582	94.26 4.15 -26.29	85.67 3.96 -20.72	90.76 3.78 -26.06	87.70 3.66 -23.12	88.69 3.53 -24.30	85.35 3.53 -20.96	93.06 3.58 -28.75	90.75 3.89 -26.21	99.35 6.06 -0.04	107.90 6.13 -6.12	116.17 6.13 -14.28	116.26 6.33 -13.98	119.61 6.61 -17.15	117.22 6.42 -15.04	116.46 6.52 -14.08	113.74 6.60 -11.49	119.98 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.45	116.53 6.89 -13.98	105.29 4.55 -40.07	87.21 4.63 -21.66	92.40 4.19 -27.49
ASTORIA_GT2_1 24094	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT2_2 24095	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT2_3 24096	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT2_4 24097	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT3_1 24098	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT3_2 24099	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT3_3 24100	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT3_4 24101	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT4_1 24102	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT4_2 24103	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT4_3 24104	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49

ASTORIA_GT4_4 24105	94.33 4.21 -26.29	85.73 4.03 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.35 4.61 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
ASTORIA_GT_1 23523	94.46 4.34 -26.29	85.85 4.15 -20.72	90.88 3.90 -26.06	87.82 3.78 -23.12	88.82 3.65 -24.30	85.47 3.65 -20.96	93.18 3.70 -28.75	90.87 4.00 -26.21	99.54 6.25 -0.04	108.18 6.41 -6.12	116.45 6.42 -14.28	116.45 6.53 -13.98	119.81 6.81 -17.15	117.41 6.60 -15.04	116.64 6.71 -14.08	113.93 6.79 -11.49	120.18 7.21 -16.93	120.77 7.30 -17.43	149.94 7.40 -46.40	120.50 7.19 -17.45	116.72 7.08 -13.98	105.41 4.67 -40.07	87.33 4.76 -21.66	92.53 4.31 -27.49
ASTORIA_GT_10 24110	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.67 3.83 -20.97	93.37 3.89 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.04 7.50 -46.40	120.69 7.38 -17.46	116.82 7.17 -13.99	105.47 4.73 -40.07	88.00 4.87 -22.20	92.59 4.37 -27.49
ASTORIA_GT_11 24225	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.67 3.83 -20.97	93.37 3.89 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.04 7.50 -46.40	120.69 7.38 -17.46	116.82 7.17 -13.99	105.47 4.73 -40.07	88.00 4.87 -22.20	92.59 4.37 -27.49
ASTORIA_GT_12 24226	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.67 3.83 -20.97	93.37 3.89 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.04 7.50 -46.40	120.69 7.38 -17.46	116.82 7.17 -13.99	105.47 4.73 -40.07	88.00 4.87 -22.20	92.59 4.37 -27.49
ASTORIA_GT_13 24227	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.67 3.83 -20.97	93.37 3.89 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.04 7.50 -46.40	120.69 7.38 -17.46	116.82 7.17 -13.99	105.47 4.73 -40.07	88.00 4.87 -22.20	92.59 4.37 -27.49
ASTORIA_GT_5 24106	94.45 4.34 -26.29	85.85 4.15 -20.72	90.88 3.90 -26.06	87.82 3.78 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	93.19 3.70 -28.76	90.88 4.00 -26.22	99.64 6.34 -0.05	108.19 6.41 -6.13	116.46 6.42 -14.28	116.46 6.52 -13.99	119.82 6.81 -17.16	117.42 6.61 -15.05	116.75 6.81 -14.09	114.04 6.89 -11.49	120.18 7.20 -16.93	120.78 7.30 -17.43	149.95 7.40 -46.40	120.60 7.28 -17.46	116.73 7.08 -13.99	105.41 4.67 -40.07	87.33 4.75 -21.66	92.53 4.31 -27.49
ASTORIA_GT_7 24107	94.45 4.34 -26.29	85.85 4.15 -20.72	90.88 3.90 -26.06	87.82 3.78 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	93.19 3.70 -28.76	90.88 4.00 -26.22	99.64 6.34 -0.05	108.19 6.41 -6.13	116.46 6.42 -14.28	116.46 6.52 -13.99	119.82 6.81 -17.16	117.42 6.61 -15.05	116.75 6.81 -14.09	114.04 6.89 -11.49	120.18 7.20 -16.93	120.78 7.30 -17.43	149.95 7.40 -46.40	120.60 7.28 -17.46	116.73 7.08 -13.99	105.41 4.67 -40.07	87.33 4.75 -21.66	92.53 4.31 -27.49
ASTORIA_GT_8 24108	94.45 4.34 -26.29	85.85 4.15 -20.72	90.88 3.90 -26.06	87.82 3.78 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	93.19 3.70 -28.76	90.88 4.00 -26.22	99.64 6.34 -0.05	108.19 6.41 -6.13	116.46 6.42 -14.28	116.46 6.52 -13.99	119.82 6.81 -17.16	117.42 6.61 -15.05	116.75 6.81 -14.09	114.04 6.89 -11.49	120.18 7.20 -16.93	120.78 7.30 -17.43	149.95 7.40 -46.40	120.60 7.28 -17.46	116.73 7.08 -13.99	105.41 4.67 -40.07	87.33 4.75 -21.66	92.53 4.31 -27.49
ASTORIA___2 24149	94.33 4.21 -26.29	85.73 4.02 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.41 3.59 -20.96	93.12 3.64 -28.75	90.81 3.94 -26.21	99.45 6.15 -0.04	107.99 6.21 -6.12	116.26 6.22 -14.28	116.26 6.33 -13.98	119.61 6.61 -17.15	117.22 6.42 -15.04	116.54 6.61 -14.08	113.74 6.60 -11.49	119.98 7.01 -16.93	120.68 7.21 -17.43	149.84 7.30 -46.40	120.40 7.09 -17.45	116.53 6.89 -13.98	105.35 4.61 -40.07	87.21 4.63 -21.66	92.40 4.19 -27.49
ASTORIA___3 23516	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.84 -24.30	85.67 3.84 -20.97	93.38 3.89 -28.76	91.00 4.13 -26.22	99.73 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.55 6.62 -13.99	120.00 6.99 -17.16	117.61 6.80 -15.05	116.85 6.91 -14.09	114.04 6.89 -11.49	120.27 7.30 -16.93	120.97 7.50 -17.43	150.14 7.59 -46.40	120.69 7.38 -17.46	116.82 7.18 -13.99	105.47 4.74 -40.07	88.00 4.88 -22.20	92.59 4.37 -27.49
ASTORIA___4 23517	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.67 3.83 -20.97	93.37 3.89 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.04 7.50 -46.40	120.69 7.38 -17.46	116.82 7.17 -13.99	105.47 4.73 -40.07	88.00 4.87 -22.20	92.59 4.37 -27.49
ASTORIA___5 23518	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.84 -24.30	85.67 3.84 -20.97	93.38 3.89 -28.76	91.00 4.13 -26.22	99.73 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.55 6.62 -13.99	120.00 6.99 -17.16	117.61 6.80 -15.05	116.85 6.91 -14.09	114.04 6.89 -11.49	120.27 7.30 -16.93	120.97 7.50 -17.43	150.14 7.59 -46.40	120.69 7.38 -17.46	116.82 7.18 -13.99	105.47 4.74 -40.07	88.00 4.88 -22.20	92.59 4.37 -27.49
AST_ENERGY_2_CC3 323677	94.13 4.02 -26.28	85.66 3.96 -20.71	90.70 3.72 -26.06	87.76 3.72 -23.12	88.88 3.71 -24.30	85.48 3.65 -20.97	93.01 3.52 -28.76	90.70 3.82 -26.22	99.09 5.78 -0.05	107.81 6.03 -6.12	116.08 6.04 -14.28	116.08 6.15 -13.98	119.43 6.42 -17.16	117.03 6.22 -15.05	116.27 6.32 -14.09	113.66 6.51 -11.49	119.80 6.82 -16.93	120.30 6.82 -17.43	149.47 6.93 -46.40	120.02 6.71 -17.46	116.24 6.60 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48
AST_ENERGY_2_CC4 323678	94.13 4.02 -26.28	85.66 3.96 -20.71	90.70 3.72 -26.06	87.76 3.72 -23.12	88.88 3.71 -24.30	85.48 3.65 -20.97	93.01 3.52 -28.76	90.70 3.82 -26.22	99.09 5.78 -0.05	107.81 6.03 -6.12	116.08 6.04 -14.28	116.08 6.15 -13.98	119.43 6.42 -17.16	117.03 6.22 -15.05	116.27 6.32 -14.09	113.66 6.51 -11.49	119.80 6.82 -16.93	120.30 6.82 -17.43	149.47 6.93 -46.40	120.02 6.71 -17.46	116.24 6.60 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48

ATHENS_STG_1 23668	95.50 2.87 -28.81	86.43 2.75 -22.70	92.23 2.74 -28.56	89.01 2.74 -25.34	90.17 2.67 -26.64	86.52 2.67 -22.98	94.86 2.61 -31.52	92.00 2.61 -28.74	97.31 4.01 -0.05	104.57 4.20 -4.71	113.83 4.11 -13.96	113.75 4.22 -13.59	116.84 4.32 -16.67	114.84 4.21 -14.88	114.10 4.32 -13.92	111.33 4.31 -11.36	117.71 4.42 -17.24	117.96 4.52 -17.40	151.52 4.52 -50.86	118.59 4.41 -18.32	115.34 4.40 -15.29	107.44 2.85 -43.92	87.58 2.92 -23.73	93.52 2.67 -30.12
ATHENS_STG_2 23670	95.50 2.87 -28.81	86.43 2.75 -22.70	92.23 2.74 -28.56	89.01 2.74 -25.34	90.17 2.67 -26.64	86.52 2.67 -22.98	94.86 2.61 -31.52	92.00 2.61 -28.74	97.31 4.01 -0.05	104.57 4.20 -4.71	113.83 4.11 -13.96	113.75 4.22 -13.59	116.84 4.32 -16.67	114.84 4.21 -14.88	114.10 4.32 -13.92	111.33 4.31 -11.36	117.71 4.42 -17.24	117.96 4.52 -17.40	151.52 4.52 -50.86	118.59 4.41 -18.32	115.34 4.40 -15.29	107.44 2.85 -43.92	87.58 2.92 -23.73	93.52 2.67 -30.12
ATHENS_STG_3 23677	95.50 2.87 -28.81	86.43 2.75 -22.70	92.23 2.74 -28.56	89.01 2.74 -25.34	90.17 2.67 -26.64	86.52 2.67 -22.98	94.86 2.61 -31.52	92.00 2.61 -28.74	97.31 4.01 -0.05	104.57 4.20 -4.71	113.83 4.11 -13.96	113.75 4.22 -13.59	116.84 4.32 -16.67	114.84 4.21 -14.88	114.10 4.32 -13.92	111.33 4.31 -11.36	117.71 4.42 -17.24	117.96 4.52 -17.40	151.52 4.52 -50.86	118.59 4.41 -18.32	115.34 4.40 -15.29	107.44 2.85 -43.92	87.58 2.92 -23.73	93.52 2.67 -30.12
AUBURN___LFGE 323710	67.58 -0.13 -3.88	63.80 -0.24 -3.06	64.28 -0.49 -3.85	63.91 -0.43 -3.41	63.84 -0.61 -3.59	63.47 -0.49 -3.10	64.31 -0.67 -4.25	63.92 -0.61 -3.87	91.50 -1.77 -0.01	93.96 -1.72 -0.03	96.37 -1.53 -2.15	96.84 -1.15 -2.05	96.83 -1.53 -2.51	96.51 -1.63 -2.38	96.55 -1.53 -2.23	95.49 -1.82 -1.65	97.40 -1.44 -2.80	97.50 -1.34 -2.80	103.40 -1.25 -8.51	97.98 -1.53 -3.66	96.80 -1.72 -2.87	67.15 -0.85 -7.34	63.39 -0.73 -3.20	64.12 -0.67 -4.06
BABYLON_RES_REC 323704	135.48 5.75 -65.91	120.83 5.49 -54.35	113.97 5.24 -47.81	112.23 5.30 -46.01	90.39 5.23 -24.30	94.88 5.17 -28.85	94.51 5.04 -28.75	99.75 5.27 -33.82	125.45 8.11 -24.09	145.10 8.51 -40.94	152.79 8.43 -48.60	152.60 8.45 -48.21	151.92 8.63 -47.43	149.82 8.62 -45.44	148.88 8.72 -44.31	151.78 8.70 -47.43	149.96 9.03 -44.89	153.52 8.83 -48.64	170.32 8.84 -65.34	149.41 9.01 -44.55	147.31 8.90 -42.76	144.53 5.77 -78.09	118.49 5.91 -51.66	93.54 5.35 -27.47
BABYLON__69_KV_BK2 356345	136.50 6.77 -65.91	121.74 6.40 -54.35	114.94 6.21 -47.81	113.14 6.21 -46.01	91.30 6.15 -24.30	95.85 6.15 -28.85	95.37 5.89 -28.75	100.66 6.19 -33.82	126.95 9.61 -24.09	146.73 10.14 -40.94	154.32 9.96 -48.60	154.14 9.98 -48.21	153.54 10.26 -47.43	151.34 10.15 -45.43	150.42 10.26 -44.31	153.32 10.24 -47.43	151.41 10.47 -44.90	154.20 9.51 -48.65	179.12 9.52 -73.46	150.86 10.45 -44.55	148.84 10.43 -42.76	145.43 6.67 -78.09	119.40 6.82 -51.66	94.39 6.19 -27.47
BALL_HILL_WT_PWR 323825	65.23 -3.57 -4.98	61.19 -3.72 -3.92	62.14 -3.72 -4.93	61.58 -3.72 -4.38	61.39 -4.08 -4.60	60.63 -4.20 -3.97	61.01 -5.16 -5.45	60.10 -5.52 -4.96	83.55 -9.70 0.01	85.81 -9.85 -0.01	88.74 -9.77 -2.75	88.98 -9.59 -2.62	89.10 -9.97 -3.22	88.76 -10.05 -3.06	88.36 -10.35 -2.86	87.26 -10.52 -2.12	88.44 -10.47 -2.86	89.40 -9.99 -3.35	89.61 -10.29 -3.76	85.57 -10.64 -0.36	85.47 -10.42 -0.23	57.64 -6.31 -3.29	59.48 -5.54 -4.10	60.95 -4.98 -5.20
BARON_WINDS___WT_PWR 323822	68.10 -1.98 -6.25	63.84 -2.07 -4.93	64.99 -2.13 -6.20	64.17 -2.25 -5.50	64.09 -2.55 -5.78	63.17 -2.68 -4.99	64.17 -3.40 -6.84	63.25 -3.64 -6.24	86.62 -6.62 0.02	90.68 -6.79 -1.81	92.78 -6.71 -3.73	93.19 -6.43 -3.67	93.75 -6.61 -4.51	93.15 -6.51 -3.90	92.89 -6.61 -3.65	91.82 -6.60 -2.76	92.74 -6.73 -3.42	93.52 -6.73 -4.20	91.74 -6.92 -2.52	87.91 -7.09 0.85	87.81 -7.08 0.77	58.54 -4.37 -2.24	62.05 -4.02 -5.15	63.50 -3.77 -6.54
BARRETT_IC_1 23704	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_10 23701	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_11 23702	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_12 23703	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_2 23705	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_3 23706	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_4 23707	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47

BARRETT_IC_5 23708	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_6 23709	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_7 23710	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.56 -24.30	94.27 4.56 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 6.99 -24.09	143.86 7.27 -40.94	152.02 7.66 -48.60	151.83 7.68 -48.20	151.24 7.96 -47.43	149.05 7.85 -45.43	148.12 7.96 -44.31	151.02 7.94 -47.42	149.19 8.26 -44.89	152.94 8.26 -48.64	165.89 8.36 -61.38	148.65 8.24 -44.55	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_8 23711	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT_IC_9 23700	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT___1 23545	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BARRETT___2 23546	134.52 4.79 -65.91	120.03 4.70 -54.35	113.30 4.57 -47.81	111.50 4.57 -46.01	89.72 4.57 -24.30	94.27 4.57 -28.85	93.91 4.43 -28.75	99.14 4.67 -33.82	124.34 7.00 -24.09	143.77 7.18 -40.94	151.93 7.56 -48.61	151.84 7.68 -48.21	151.25 7.95 -47.44	149.06 7.85 -45.44	148.03 7.86 -44.31	151.02 7.93 -47.43	149.20 8.26 -44.90	152.95 8.26 -48.64	165.89 8.36 -61.39	148.66 8.24 -44.56	146.45 8.04 -42.76	143.98 5.22 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
BATAVIA___115KV_TB1 55881	65.96 -2.17 -4.31	61.88 -2.50 -3.39	62.63 -2.56 -4.27	62.09 -2.62 -3.79	61.98 -2.86 -3.98	61.44 -2.86 -3.44	61.61 -3.83 -4.71	60.71 -4.25 -4.30	84.58 -8.67 0.01	86.96 -8.70 -0.01	89.21 -8.91 -2.35	89.65 -8.54 -2.24	89.31 -9.30 -2.75	88.99 -9.38 -2.61	88.81 -9.49 -2.45	86.92 -10.52 -1.79	89.15 -9.41 -2.51	89.61 -9.32 -2.89	91.56 -8.46 -3.88	87.04 -9.49 -0.68	86.60 -9.57 -0.51	59.61 -4.43 -3.38	60.69 -3.78 -3.55	62.01 -3.22 -4.50
BAYONEEC___CTG1 323682	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG10 323750	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG2 323683	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG3 323684	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG4 323685	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG5 323686	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG6 323687	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35

BAYONEEC___CTG7 323688	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG8 323689	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BAYONEEC___CTG9 323749	94.04 4.02 -26.19	85.39 3.91 -20.49	90.50 3.66 -25.92	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	92.97 3.58 -28.66	90.56 3.82 -26.08	99.14 5.88 0.00	107.91 6.13 -6.12	113.32 6.13 -11.42	113.41 6.33 -11.13	115.17 6.52 -12.79	113.89 6.42 -11.72	113.52 6.52 -11.14	111.14 6.51 -8.97	113.52 6.92 -10.56	113.96 7.01 -10.91	130.32 7.01 -27.17	113.82 6.91 -11.06	111.63 6.69 -9.28	105.16 4.43 -40.07	87.14 4.57 -21.65	92.08 4.01 -27.35
BEACON___LESR 323632	99.55 3.70 -32.02	89.70 3.47 -25.23	96.08 3.41 -31.75	92.50 3.41 -28.17	93.82 3.35 -29.61	89.82 3.41 -25.55	99.05 3.28 -35.04	95.81 3.21 -31.95	98.41 5.03 -0.12	134.15 5.07 -33.43	139.96 4.98 -39.23	140.34 4.99 -39.40	149.12 4.89 -48.38	139.84 4.98 -39.10	137.53 5.08 -36.60	130.43 4.88 -29.90	138.23 4.71 -37.48	143.86 4.70 -43.11	157.20 4.52 -56.54	132.31 4.79 -31.67	118.29 4.97 -17.67	112.59 3.09 -48.83	90.47 3.17 -26.38	97.37 3.16 -33.49
BEAVER RIVER___HYD 24048	66.71 1.66 -1.23	63.48 1.53 -0.97	63.54 1.40 -1.22	63.34 1.34 -1.08	63.15 1.15 -1.13	63.06 1.22 -0.98	63.47 1.40 -1.34	63.40 1.52 -1.22	94.84 1.58 0.00	97.09 1.44 0.00	97.48 1.73 0.00	97.29 1.34 0.00	97.01 1.15 0.00	97.00 1.24 0.00	97.10 1.24 0.00	97.02 1.44 0.08	97.80 1.53 -0.22	98.14 2.02 -0.07	100.33 2.02 -2.16	98.52 2.21 -0.46	98.01 1.72 -0.63	63.87 1.33 -1.87	63.09 1.15 -1.01	63.28 1.28 -1.28
BEEBEE_GT_13 23619	66.01 -1.60 -3.78	62.14 -1.83 -2.98	62.72 -1.95 -3.75	62.30 -1.95 -3.33	62.23 -2.13 -3.50	61.75 -2.13 -3.02	62.13 -2.73 -4.14	61.52 -2.91 -3.77	86.63 -6.62 0.00	89.06 -6.60 -0.01	91.19 -6.61 -2.04	91.76 -6.14 -1.95	91.34 -6.90 -2.39	90.94 -7.09 -2.27	90.88 -7.09 -2.12	89.05 -8.13 -1.52	91.18 -7.11 -2.24	91.27 -7.30 -2.52	93.27 -6.83 -3.96	89.00 -7.76 -0.91	88.52 -7.84 -0.70	60.58 -3.52 -3.44	61.42 -2.62 -3.12	62.37 -2.31 -3.96
BENSHRST_27_KV_BENSHRST_1 355998	100.86 5.04 -31.99	99.91 4.88 -34.05	99.85 4.57 -34.36	88.42 4.33 -23.18	89.42 4.20 -24.36	86.09 4.20 -21.02	99.79 4.43 -34.63	99.79 4.67 -34.46	103.38 7.27 -2.85	109.05 7.27 -6.13	117.23 7.18 -14.28	117.23 7.29 -13.99	120.68 7.67 -17.16	118.28 7.47 -15.05	117.52 7.57 -14.09	114.80 7.65 -11.49	121.14 8.16 -16.93	121.83 8.36 -17.43	151.00 8.46 -46.40	121.55 8.24 -17.46	117.68 8.04 -13.99	106.07 5.28 -40.13	103.61 5.48 -37.21	101.73 4.92 -36.08
BETHLEHEM___GRP 23843	98.49 2.62 -32.05	88.68 2.44 -25.25	95.13 2.44 -31.77	91.55 2.44 -28.19	92.93 2.43 -29.64	88.87 2.43 -25.57	98.10 2.31 -35.07	94.87 2.24 -31.97	96.83 3.45 -0.12	131.71 3.44 -32.61	137.65 3.35 -38.54	137.91 3.26 -38.70	146.63 3.26 -47.52	137.56 3.35 -38.45	135.30 3.45 -35.99	128.21 3.16 -29.40	135.79 2.79 -36.96	141.16 2.69 -42.43	155.22 2.50 -56.58	130.18 2.97 -31.35	116.57 3.25 -17.66	111.59 2.06 -48.87	89.46 2.13 -26.40	96.49 2.25 -33.51
BETHLEHEM___GS1 323560	98.49 2.62 -32.05	88.68 2.44 -25.25	95.14 2.44 -31.77	91.55 2.44 -28.19	92.93 2.44 -29.64	88.87 2.44 -25.57	98.10 2.31 -35.07	94.87 2.25 -31.97	96.83 3.45 -0.12	131.70 3.44 -32.61	137.56 3.26 -38.54	137.92 3.26 -38.70	146.63 3.26 -47.52	137.56 3.35 -38.45	135.29 3.45 -35.99	128.21 3.15 -29.40	135.79 2.79 -36.96	141.16 2.69 -42.43	155.32 2.60 -56.58	130.18 2.97 -31.35	116.57 3.25 -17.66	111.60 2.06 -48.87	89.46 2.13 -26.40	96.49 2.25 -33.51
BETHLEHEM___GS2 323561	98.49 2.62 -32.05	88.68 2.44 -25.25	95.14 2.44 -31.77	91.55 2.44 -28.19	92.93 2.44 -29.64	88.87 2.44 -25.57	98.10 2.31 -35.07	94.87 2.25 -31.97	96.83 3.45 -0.12	131.70 3.44 -32.61	137.56 3.26 -38.54	137.92 3.26 -38.70	146.63 3.26 -47.52	137.56 3.35 -38.45	135.29 3.45 -35.99	128.21 3.15 -29.40	135.79 2.79 -36.96	141.16 2.69 -42.43	155.32 2.60 -56.58	130.18 2.97 -31.35	116.57 3.25 -17.66	111.60 2.06 -48.87	89.46 2.13 -26.40	96.49 2.25 -33.51
BETHLEHEM___GS3 323562	98.49 2.62 -32.05	88.68 2.44 -25.25	95.14 2.44 -31.77	91.55 2.44 -28.19	92.93 2.44 -29.64	88.87 2.44 -25.57	98.10 2.31 -35.07	94.87 2.25 -31.97	96.83 3.45 -0.12	131.70 3.44 -32.61	137.56 3.26 -38.54	137.92 3.26 -38.70	146.63 3.26 -47.52	137.56 3.35 -38.45	135.29 3.45 -35.99	128.21 3.15 -29.40	135.79 2.79 -36.96	141.16 2.69 -42.43	155.32 2.60 -56.58	130.18 2.97 -31.35	116.57 3.25 -17.66	111.60 2.06 -48.87	89.46 2.13 -26.40	96.49 2.25 -33.51
BETHLEHEM___STEEL 23779	64.95 -3.77 -4.90	60.94 -3.90 -3.86	61.88 -3.90 -4.85	61.27 -3.96 -4.31	61.13 -4.26 -4.53	60.39 -4.38 -3.91	60.68 -5.40 -5.36	59.72 -5.82 -4.88	82.99 -10.26 0.01	85.43 -10.24 -0.01	88.22 -10.25 -2.70	88.55 -9.98 -2.58	88.57 -10.45 -3.16	88.42 -10.34 -3.00	88.02 -10.64 -2.81	86.74 -11.00 -2.08	88.01 -10.85 -2.82	88.87 -10.47 -3.29	89.12 -10.77 -3.75	85.22 -11.02 -0.39	85.01 -10.90 -0.26	57.45 -6.49 -3.28	59.29 -5.67 -4.03	60.87 -4.98 -5.12
BETHLHEM_115KV_TB1 79974	98.46 2.62 -32.02	88.66 2.44 -25.23	95.11 2.44 -31.75	91.53 2.44 -28.17	92.85 2.37 -29.61	88.78 2.37 -25.55	98.07 2.31 -35.04	94.84 2.24 -31.94	96.82 3.45 -0.12	129.95 3.44 -30.85	136.17 3.35 -37.06	136.39 3.26 -37.18	144.76 3.26 -45.65	136.15 3.35 -37.04	133.97 3.45 -34.67	127.23 3.25 -28.32	134.83 2.98 -35.81	139.86 2.88 -40.93	155.37 2.69 -56.54	129.55 3.07 -30.63	116.51 3.25 -17.60	111.61 2.12 -48.82	89.50 2.19 -26.38	96.46 2.25 -33.48
BETHPAGE_CC_5 323564	134.97 5.23 -65.91	120.34 5.00 -54.35	113.54 4.81 -47.81	111.74 4.81 -46.01	89.91 4.75 -24.30	94.46 4.75 -28.85	94.09 4.61 -28.75	99.33 4.85 -33.82	124.89 7.55 -24.09	144.44 7.85 -40.94	152.22 7.85 -48.60	152.11 7.96 -48.21	151.43 8.14 -47.43	149.24 8.04 -45.44	148.30 8.14 -44.31	151.31 8.23 -47.42	149.39 8.45 -44.89	153.23 8.54 -48.64	166.08 8.55 -61.38	148.84 8.44 -44.55	146.73 8.32 -42.76	144.16 5.40 -78.09	118.06 5.49 -51.66	93.12 4.92 -27.47
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	64.94 -3.83 -4.95	60.86 -4.03 -3.90	61.81 -4.02 -4.91	61.26 -4.02 -4.35	61.12 -4.32 -4.58	60.31 -4.50 -3.95	60.68 -5.47 -5.42	59.71 -5.88 -4.94	83.27 -9.98 0.01	85.71 -9.95 -0.01	88.54 -9.96 -2.73	88.77 -9.79 -2.61	89.09 -9.97 -3.20	88.93 -9.86 -3.04	88.54 -10.16 -2.84	87.43 -10.33 -2.11	88.52 -10.37 -2.85	89.48 -9.89 -3.33	89.51 -10.38 -3.76	85.78 -10.45 -0.37	85.57 -10.33 -0.24	57.46 -6.49 -3.28	59.21 -5.79 -4.08	60.74 -5.16 -5.18

BINGHAMTON___COGEN 23790	72.50 -0.13 -8.80	67.68 -0.24 -6.93	69.34 -0.30 -8.72	68.36 -0.30 -7.74	68.51 -0.49 -8.14	67.40 -0.49 -7.02	69.63 -0.73 -9.63	68.64 -0.79 -8.78	91.68 -1.59 -0.01	96.96 -1.53 -2.83	100.02 -1.34 -5.60	100.21 -1.25 -5.51	101.28 -1.34 -6.76	100.26 -1.34 -5.85	99.98 -1.34 -5.47	98.55 -1.43 -4.33	100.89 -1.25 -6.09	101.60 -1.06 -6.61	108.25 -1.15 -13.27	99.48 -1.25 -4.87	97.93 -1.34 -3.62	71.23 -0.91 -11.47	67.44 -0.73 -7.25	69.20 -0.73 -9.20
BIXINCNT_115KV_LOAD 355685	64.93 -4.08 -5.20	60.87 -4.21 -4.09	61.93 -4.14 -5.15	61.35 -4.14 -4.57	61.28 -4.38 -4.80	60.38 -4.63 -4.15	60.76 -5.65 -5.69	59.83 -6.00 -5.18	83.73 -9.51 0.01	87.58 -9.57 -1.49	88.96 -9.86 -3.06	88.98 -9.98 -3.01	90.25 -9.30 -3.70	90.34 -8.62 -3.20	90.13 -8.72 -2.99	88.99 -8.90 -2.23	88.83 -10.18 -2.97	88.69 -10.85 -3.50	87.70 -12.11 -3.68	84.20 -11.89 -0.23	84.11 -11.67 -0.13	55.57 -8.31 -3.22	57.53 -7.68 -4.28	58.81 -7.35 -5.43
BLACK RIVER___HYD 24047	68.18 2.62 -1.74	64.74 2.38 -1.37	64.84 2.19 -1.73	64.58 2.13 -1.53	64.36 1.89 -1.61	64.14 1.89 -1.39	64.70 2.07 -1.90	64.57 2.18 -1.74	96.05 2.80 0.00	98.43 2.78 0.00	99.02 3.26 0.00	98.83 2.88 0.00	98.44 2.59 0.00	98.44 2.68 0.00	98.53 2.68 0.00	98.41 2.87 0.11	99.52 3.16 -0.31	99.80 3.65 -0.10	102.77 3.56 -3.07	100.25 3.73 -0.66	99.70 3.15 -0.90	65.44 2.12 -2.65	64.30 1.95 -1.43	64.49 1.94 -1.82
BLACKRVR_115KV_TB2 79977	68.18 2.62 -1.74	64.74 2.38 -1.37	64.84 2.19 -1.73	64.59 2.13 -1.53	64.36 1.89 -1.61	64.14 1.89 -1.39	64.70 2.06 -1.90	64.58 2.18 -1.74	95.96 2.70 0.00	98.43 2.77 0.00	99.02 3.26 0.00	98.83 2.88 0.00	98.44 2.59 0.00	98.54 2.78 0.00	98.54 2.68 0.00	98.41 2.87 0.11	99.43 3.07 -0.31	99.80 3.65 -0.10	102.67 3.46 -3.07	100.25 3.74 -0.66	99.71 3.16 -0.90	65.44 2.12 -2.65	64.31 1.95 -1.43	64.49 1.94 -1.82
BLISS_WT_PWR 323608	64.87 -4.15 -5.20	60.87 -4.21 -4.09	61.93 -4.14 -5.15	61.35 -4.14 -4.57	61.28 -4.38 -4.80	60.38 -4.63 -4.15	60.70 -5.71 -5.69	59.77 -6.07 -5.18	83.36 -9.89 0.01	87.11 -10.04 -1.49	88.48 -10.34 -3.06	88.59 -10.36 -3.01	89.97 -9.58 -3.70	90.44 -8.52 -3.20	89.94 -8.91 -2.99	88.89 -9.00 -2.23	88.06 -10.95 -2.97	88.11 -11.43 -3.50	86.74 -13.07 -3.68	83.24 -12.84 -0.23	83.25 -12.53 -0.13	54.97 -8.92 -3.22	56.92 -8.29 -4.28	58.14 -8.02 -5.43
BLUESTONE___WT_PWR 323821	76.39 3.13 -9.44	71.35 2.93 -7.43	73.02 2.74 -9.36	71.90 2.68 -8.30	71.96 2.37 -8.73	70.76 2.37 -7.53	73.36 2.31 -10.33	72.37 2.30 -9.41	96.46 3.17 -0.04	104.18 3.35 -5.18	107.85 3.83 -8.25	108.06 3.94 -8.18	109.62 3.73 -10.03	108.07 3.83 -8.47	107.62 3.84 -7.93	105.88 3.83 -6.40	109.09 4.22 -8.82	110.23 4.61 -9.58	119.21 3.94 -19.12	109.08 3.93 -9.30	105.39 3.44 -6.30	79.16 2.00 -16.50	70.70 2.01 -7.77	72.59 2.00 -9.87
BLUE_CIRC_CHEM_DRP 24182	98.26 2.87 -31.56	88.54 2.68 -24.87	94.90 2.68 -31.29	91.37 2.68 -27.77	92.67 2.62 -29.19	88.66 2.62 -25.18	97.81 2.55 -34.54	94.51 2.37 -31.49	96.99 3.64 -0.10	123.07 3.73 -23.69	130.27 3.64 -30.87	130.54 3.74 -30.85	137.46 3.74 -37.87	130.62 3.73 -31.12	128.82 3.83 -29.13	123.18 3.73 -23.79	130.52 3.55 -30.92	134.27 3.55 -34.68	155.33 3.46 -55.73	126.90 3.55 -27.50	116.58 3.73 -17.19	111.16 2.37 -48.13	89.36 2.44 -26.00	96.16 2.43 -33.00
BOC_GAS_DRP 24189	97.99 2.30 -31.87	88.30 2.20 -25.11	94.72 2.19 -31.60	91.15 2.19 -28.04	92.53 2.19 -29.47	88.48 2.19 -25.43	97.73 2.13 -34.88	94.51 2.06 -31.79	96.52 3.17 -0.09	120.02 3.25 -21.12	127.73 3.16 -28.81	127.85 3.17 -28.73	134.29 3.16 -35.27	128.19 3.26 -29.18	126.42 3.26 -27.31	121.12 3.16 -22.31	128.61 3.17 -29.40	131.76 3.07 -32.65	155.49 3.08 -56.27	125.66 3.16 -26.64	116.20 3.25 -17.29	111.39 2.12 -48.60	89.37 2.19 -26.26	96.12 2.06 -33.33
BOONVILLE_115KV_TB1 79983	66.87 2.04 -1.01	63.67 1.89 -0.79	63.75 1.83 -1.00	63.64 1.83 -0.89	63.50 1.70 -0.93	63.43 1.76 -0.80	63.65 1.82 -1.10	63.54 1.88 -1.01	95.68 2.42 0.00	98.14 2.49 0.00	98.54 2.78 0.00	98.44 2.49 0.00	98.25 2.40 0.00	98.25 2.49 0.00	98.25 2.40 0.00	98.08 2.49 0.06	98.82 2.59 -0.18	99.08 2.98 -0.06	100.80 2.88 -1.78	99.21 2.97 -0.38	98.66 2.49 -0.52	63.96 1.76 -1.54	63.34 1.58 -0.83	63.42 1.64 -1.05
BORALEX_4TH_BRANCH 23824	100.49 4.72 -31.94	90.67 4.51 -25.17	96.97 4.39 -31.67	93.47 4.45 -28.10	94.78 4.38 -29.53	90.73 4.38 -25.48	99.99 4.31 -34.95	96.88 4.37 -31.86	100.12 6.71 -0.15	147.73 6.98 -45.10	151.82 6.99 -49.07	152.53 7.10 -49.48	163.71 7.09 -60.76	151.22 6.99 -48.47	148.31 7.09 -45.37	139.80 7.08 -37.06	148.41 7.30 -45.07	156.50 7.49 -52.97	160.03 7.50 -56.39	139.56 7.38 -36.33	120.82 7.27 -17.90	113.98 4.61 -48.70	91.99 4.75 -26.31	98.56 4.43 -33.40
BOWLINE___1 23526	92.76 3.44 -25.49	84.43 3.35 -20.09	89.36 3.17 -25.27	86.51 3.17 -22.42	87.60 3.16 -23.57	84.36 3.16 -20.34	91.72 3.10 -27.89	89.30 3.21 -25.43	98.24 4.94 -0.05	106.83 5.26 -5.92	114.87 5.26 -13.84	114.87 5.37 -13.55	118.04 5.56 -16.63	115.80 5.46 -14.59	114.97 5.46 -13.65	112.34 5.55 -11.14	118.22 5.76 -16.42	118.80 5.86 -16.90	147.11 5.96 -45.01	118.53 5.75 -16.93	114.87 5.64 -13.57	103.23 3.70 -38.87	85.70 3.78 -21.00	90.72 3.34 -26.66
BOWLINE___2 23595	92.76 3.44 -25.49	84.43 3.35 -20.09	89.36 3.17 -25.28	86.51 3.17 -22.43	87.60 3.16 -23.57	84.36 3.16 -20.34	91.72 3.10 -27.90	89.30 3.21 -25.43	98.33 5.03 -0.05	106.84 5.26 -5.92	114.87 5.26 -13.84	114.87 5.37 -13.55	118.04 5.56 -16.63	115.80 5.46 -14.59	114.97 5.46 -13.66	112.34 5.55 -11.14	118.22 5.76 -16.42	118.80 5.86 -16.90	147.11 5.96 -45.01	118.53 5.75 -16.93	114.87 5.64 -13.57	103.24 3.70 -38.87	85.70 3.78 -21.00	90.72 3.34 -26.66
BRADY___115KV_TB2 356060	63.95 0.13 0.00	61.17 0.18 0.00	61.17 0.24 0.00	61.04 0.12 0.00	60.98 0.12 0.00	61.04 0.18 0.00	61.09 0.36 0.00	61.08 0.42 0.00	93.91 0.65 0.00	96.13 0.48 0.00	96.14 0.38 0.00	95.95 0.00 0.00	95.95 0.10 0.00	95.95 0.19 0.00	95.95 0.10 0.00	96.02 0.38 0.02	95.95 -0.10 0.00	95.85 -0.19 0.00	95.95 -0.19 0.00	96.14 0.29 0.00	96.42 0.77 0.00	61.09 0.42 0.00	60.98 0.06 0.00	60.91 0.18 0.00
BRANSCOMB___SOLAR 323811	101.35 4.60 -32.93	91.20 4.27 -25.94	97.83 4.26 -32.65	94.09 4.20 -28.97	95.45 4.14 -30.45	91.33 4.20 -26.27	100.83 4.07 -36.03	97.63 4.13 -32.85	99.88 6.43 -0.19	163.71 6.79 -61.26	165.54 6.80 -62.98	166.58 6.91 -63.72	181.02 6.91 -78.26	164.32 6.80 -61.76	160.37 6.71 -57.81	149.68 6.79 -47.23	159.09 7.01 -56.03	170.18 7.11 -67.03	161.29 7.01 -58.13	146.02 6.81 -43.36	121.15 6.69 -18.80	115.05 4.18 -50.20	92.31 4.26 -27.13	99.23 4.07 -34.43
BRENTWOD_69_KV_W. BRTWOOD 56703	136.50 6.77 -65.91	121.74 6.40 -54.35	114.94 6.21 -47.81	113.20 6.27 -46.01	91.30 6.15 -24.30	95.85 6.15 -28.85	95.43 5.95 -28.75	100.66 6.19 -33.82	126.95 9.61 -24.09	146.63 10.04 -40.94	154.22 9.86 -48.60	153.75 9.59 -48.21	153.35 10.06 -47.43	151.06 9.86 -45.43	150.23 10.06 -44.31	153.03 9.95 -47.43	151.12 10.18 -44.89	153.34 8.64 -48.65	175.15 8.56 -70.45	150.57 10.16 -44.55	148.65 10.24 -42.76	145.31 6.55 -78.09	119.34 6.76 -51.66	94.39 6.19 -27.47

BRISTLHL_115KV_TB1 79998	66.93 0.32 -2.79	63.37 0.18 -2.20	63.62 -0.06 -2.76	63.37 0.00 -2.45	63.26 -0.18 -2.58	62.96 -0.12 -2.22	63.53 -0.24 -3.05	63.19 -0.24 -2.78	92.32 -0.93 0.00	94.89 -0.77 0.00	95.28 -0.48 0.00	95.85 -0.10 0.00	95.38 -0.48 0.00	95.18 -0.57 0.00	95.28 -0.58 0.00	94.61 -0.86 0.18	95.97 -0.58 -0.50	95.64 -0.58 -0.17	100.58 -0.48 -4.92	96.33 -0.58 -1.05	96.23 -0.86 -1.44	64.55 -0.36 -4.25	63.04 -0.18 -2.30	63.46 -0.18 -2.91
BROOKHAVEN___DRP 24191	135.86 6.13 -65.91	121.13 5.79 -54.35	114.33 5.60 -47.81	112.53 5.60 -46.01	90.70 5.54 -24.30	95.25 5.54 -28.85	94.70 5.22 -28.75	99.93 5.46 -33.82	126.02 8.67 -24.09	145.49 8.90 -40.94	152.98 8.62 -48.60	153.12 8.92 -48.25	152.11 8.82 -47.43	150.10 8.91 -45.43	149.17 9.01 -44.31	152.30 9.18 -47.46	150.48 9.51 -44.93	154.22 9.41 -48.76	256.42 9.33 -150.96	149.84 9.39 -44.59	147.59 9.18 -42.76	144.77 6.01 -78.09	118.67 6.09 -51.66	93.79 5.59 -27.47
BROOKLYN_NAVY_YARD 23515	94.19 4.09 -26.28	85.66 3.96 -20.71	90.63 3.66 -26.06	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	93.13 3.64 -28.76	90.76 3.89 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.12	116.36 6.32 -14.28	116.36 6.43 -13.98	119.72 6.71 -17.16	117.32 6.51 -15.05	116.55 6.61 -14.09	113.84 6.69 -11.49	120.08 7.11 -16.93	120.68 7.21 -17.43	149.84 7.30 -46.40	120.40 7.09 -17.46	116.54 6.89 -13.99	105.29 4.55 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48
BROOKLYN___ARMY_DRP 323595	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
BROOKVLE_69_KV_TB1 55790	135.16 5.43 -65.91	120.52 5.18 -54.35	113.72 5.00 -47.81	111.92 5.00 -46.01	90.09 4.93 -24.30	94.64 4.93 -28.85	94.21 4.74 -28.75	99.44 4.97 -33.82	125.18 7.83 -24.09	144.82 8.23 -40.94	152.69 8.33 -48.60	152.60 8.44 -48.20	151.91 8.63 -47.43	149.72 8.52 -45.43	148.69 8.53 -44.31	151.69 8.61 -47.42	149.77 8.84 -44.89	153.61 8.93 -48.64	166.66 9.13 -61.38	149.22 8.82 -44.55	147.02 8.61 -42.76	144.34 5.58 -78.09	118.24 5.67 -51.66	93.30 5.10 -27.47
BROOME_2_LFGE 323671	72.50 -0.13 -8.80	67.68 -0.24 -6.93	69.34 -0.30 -8.72	68.36 -0.30 -7.74	68.51 -0.49 -8.14	67.39 -0.49 -7.02	69.63 -0.73 -9.63	68.64 -0.79 -8.78	91.68 -1.59 -0.01	96.95 -1.53 -2.83	99.93 -1.43 -5.60	100.21 -1.25 -5.51	101.28 -1.34 -6.76	100.26 -1.34 -5.85	99.89 -1.44 -5.47	98.64 -1.34 -4.33	100.89 -1.25 -6.09	101.60 -1.05 -6.61	108.26 -1.15 -13.27	99.48 -1.25 -4.87	97.93 -1.34 -3.62	71.23 -0.91 -11.47	67.44 -0.73 -7.25	69.20 -0.73 -9.20
BROOME___LFGE 323600	72.50 -0.13 -8.80	67.68 -0.24 -6.93	69.34 -0.30 -8.72	68.36 -0.30 -7.74	68.51 -0.49 -8.14	67.39 -0.49 -7.02	69.63 -0.73 -9.63	68.64 -0.79 -8.78	91.68 -1.59 -0.01	96.95 -1.53 -2.83	99.93 -1.43 -5.60	100.21 -1.25 -5.51	101.28 -1.34 -6.76	100.26 -1.34 -5.85	99.89 -1.44 -5.47	98.64 -1.34 -4.33	100.89 -1.25 -6.09	101.60 -1.05 -6.61	108.26 -1.15 -13.27	99.48 -1.25 -4.87	97.93 -1.34 -3.62	71.23 -0.91 -11.47	67.44 -0.73 -7.25	69.20 -0.73 -9.20
BROWNFLS_115KV_TB_3_5 80003	65.32 0.64 -0.86	62.27 0.61 -0.68	62.32 0.55 -0.85	62.17 0.49 -0.76	62.02 0.37 -0.79	61.91 0.37 -0.69	62.21 0.55 -0.94	62.12 0.61 -0.86	93.72 0.47 0.00	96.04 0.38 0.00	96.33 0.57 0.00	96.14 0.19 0.00	95.95 0.10 0.00	95.95 0.19 0.00	95.95 0.10 0.00	95.79 0.19 0.05	96.01 -0.19 -0.15	96.10 0.00 -0.05	97.66 0.00 -1.52	96.56 0.38 -0.32	96.67 0.57 -0.44	62.52 0.55 -1.31	61.93 0.30 -0.71	62.05 0.43 -0.90
BROWNSV1_27_KV_LOAD 356125	94.70 4.60 -26.28	86.15 4.45 -20.71	91.18 4.20 -26.06	88.24 4.20 -23.12	89.30 4.14 -24.30	85.97 4.14 -20.97	93.55 4.07 -28.76	91.18 4.31 -26.22	100.02 6.71 -0.05	108.76 6.98 -6.12	117.03 6.99 -14.28	117.13 7.20 -13.98	120.39 7.38 -17.16	118.09 7.28 -15.05	117.32 7.38 -14.09	114.61 7.46 -11.49	120.76 7.78 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.07 7.76 -17.46	117.30 7.65 -13.99	105.71 4.97 -40.07	87.69 5.12 -21.65	92.76 4.55 -27.48
BURROWS___LYONSDAL 23803	66.85 1.98 -1.05	63.65 1.83 -0.83	63.73 1.77 -1.04	63.55 1.71 -0.92	63.42 1.58 -0.97	63.34 1.64 -0.84	63.64 1.76 -1.15	63.52 1.82 -1.05	95.49 2.24 0.00	97.85 2.20 0.00	98.15 2.39 0.00	98.06 2.11 0.00	97.87 2.01 0.00	97.87 2.11 0.00	97.87 2.01 0.00	97.70 2.10 0.06	98.54 2.31 -0.19	98.89 2.79 -0.06	100.69 2.69 -1.86	99.03 2.78 -0.40	98.49 2.30 -0.54	63.91 1.64 -1.60	63.31 1.52 -0.87	63.40 1.58 -1.10
CAITHNESS_CC_1 323624	135.73 6.00 -65.91	121.01 5.67 -54.35	114.15 5.42 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.58 5.10 -28.75	99.81 5.34 -33.82	125.74 8.40 -24.09	145.20 8.61 -40.94	152.79 8.43 -48.60	152.83 8.64 -48.25	151.92 8.63 -47.43	149.91 8.71 -45.44	148.97 8.81 -44.31	152.11 8.99 -47.46	150.20 9.22 -44.93	154.03 9.22 -48.76	256.21 9.03 -151.04	149.65 9.20 -44.59	147.31 8.90 -42.76	144.64 5.88 -78.09	118.55 5.97 -51.66	93.67 5.47 -27.47
CALPINE BETH_PAGE_GT4 24209	134.71 4.98 -65.91	120.09 4.76 -54.35	113.24 4.51 -47.81	111.50 4.57 -46.01	89.66 4.50 -24.30	94.21 4.50 -28.85	93.79 4.31 -28.75	99.02 4.55 -33.82	124.52 7.18 -24.09	144.05 7.46 -40.94	151.83 7.47 -48.60	151.73 7.58 -48.20	151.05 7.76 -47.43	148.85 7.66 -45.43	147.92 7.76 -44.31	150.92 7.84 -47.42	149.00 8.07 -44.89	152.84 8.16 -48.64	165.79 8.27 -61.38	148.45 8.05 -44.55	146.25 7.84 -42.76	143.86 5.10 -78.09	117.82 5.24 -51.66	92.87 4.68 -27.47
CALPINE_BETH_PAGE_GT_4 323586	134.71 4.98 -65.91	120.10 4.76 -54.35	113.24 4.51 -47.81	111.50 4.57 -46.01	89.66 4.50 -24.30	94.21 4.50 -28.85	93.79 4.31 -28.75	99.02 4.55 -33.82	124.43 7.08 -24.09	144.06 7.47 -40.94	151.84 7.47 -48.60	151.73 7.58 -48.21	151.05 7.76 -47.43	148.86 7.66 -45.44	147.92 7.76 -44.31	150.82 7.74 -47.42	149.00 8.07 -44.89	152.84 8.16 -48.64	165.79 8.27 -61.38	148.46 8.05 -44.55	146.26 7.85 -42.76	143.86 5.10 -78.09	117.82 5.24 -51.66	92.88 4.68 -27.47
CALPINE_BP_GT1 23823	134.71 4.98 -65.91	120.10 4.76 -54.35	113.24 4.51 -47.81	111.50 4.57 -46.01	89.66 4.50 -24.30	94.21 4.50 -28.85	93.79 4.31 -28.75	99.02 4.55 -33.82	124.43 7.08 -24.09	144.06 7.47 -40.94	151.84 7.47 -48.60	151.73 7.58 -48.21	151.05 7.76 -47.43	148.86 7.66 -45.44	147.92 7.76 -44.31	150.82 7.74 -47.42	149.00 8.07 -44.89	152.84 8.16 -48.64	165.79 8.27 -61.38	148.46 8.05 -44.55	146.26 7.85 -42.76	143.86 5.10 -78.09	117.82 5.24 -51.66	92.88 4.68 -27.47
CALSPAN___DRP 24200	64.95 -3.77 -4.90	60.94 -3.90 -3.86	61.88 -3.90 -4.85	61.27 -3.96 -4.31	61.13 -4.26 -4.53	60.39 -4.38 -3.91	60.68 -5.40 -5.36	59.72 -5.82 -4.88	82.99 -10.26 0.01	85.43 -10.24 -0.01	88.22 -10.25 -2.70	88.55 -9.98 -2.58	88.57 -10.45 -3.16	88.42 -10.34 -3.00	88.02 -10.64 -2.81	86.74 -11.00 -2.08	88.01 -10.85 -2.82	88.87 -10.47 -3.29	89.12 -10.77 -3.75	85.22 -11.02 -0.39	85.01 -10.90 -0.26	57.45 -6.49 -3.28	59.29 -5.67 -4.03	60.87 -4.98 -5.12

CALVERTON___SOLAR 323806	136.05 6.32 -65.91	121.25 5.91 -54.35	114.45 5.72 -47.81	112.72 5.79 -46.01	90.82 5.66 -24.30	95.37 5.66 -28.85	94.82 5.35 -28.75	100.11 5.64 -33.82	126.21 8.86 -24.09	145.68 9.09 -40.94	153.17 8.80 -48.60	153.41 9.21 -48.25	152.29 9.01 -47.43	150.39 9.19 -45.44	149.46 9.30 -44.31	152.59 9.47 -47.46	150.67 9.70 -44.93	154.50 9.70 -48.76	256.73 9.61 -150.98	150.03 9.58 -44.59	147.79 9.38 -42.76	144.88 6.12 -78.09	118.80 6.22 -51.66	93.91 5.71 -27.47
CANDIGU_WT_PWR 323617	68.10 -1.98 -6.25	63.84 -2.07 -4.93	64.99 -2.13 -6.20	64.17 -2.25 -5.50	64.09 -2.55 -5.78	63.17 -2.68 -4.99	64.17 -3.40 -6.84	63.25 -3.64 -6.24	86.62 -6.62 0.02	90.68 -6.79 -1.81	92.78 -6.71 -3.73	93.19 -6.43 -3.67	93.75 -6.61 -4.51	93.15 -6.51 -3.90	92.89 -6.61 -3.65	91.82 -6.60 -2.76	92.74 -6.73 -3.42	93.52 -6.73 -4.20	91.74 -6.92 -2.52	87.91 -7.09 0.85	87.81 -7.08 0.77	58.54 -4.37 -2.24	62.05 -4.02 -5.15	63.50 -3.77 -6.54
CARR STREET_E_SYR 24060	65.56 -1.21 -2.95	62.03 -1.28 -2.33	62.45 -1.40 -2.93	62.18 -1.34 -2.60	62.13 -1.46 -2.73	61.76 -1.46 -2.35	62.38 -1.58 -3.23	62.02 -1.58 -2.94	90.18 -3.08 0.00	92.59 -3.06 0.00	92.89 -2.87 0.00	93.36 -2.59 0.00	92.98 -2.87 0.00	92.79 -2.97 0.00	92.88 -2.97 0.00	92.32 -3.15 0.18	93.70 -2.88 -0.53	93.24 -2.98 -0.18	98.56 -2.79 -5.21	93.90 -3.07 -1.11	93.92 -3.25 -1.52	63.40 -1.76 -4.50	61.77 -1.58 -2.43	62.30 -1.52 -3.09
CARTHAGE___PAPER 23857	67.35 1.98 -1.54	63.97 1.77 -1.21	64.10 1.65 -1.53	63.86 1.58 -1.36	63.69 1.40 -1.43	63.55 1.46 -1.23	64.05 1.64 -1.69	63.95 1.76 -1.54	95.31 2.05 0.00	97.67 2.01 0.00	98.15 2.39 0.00	97.87 1.92 0.00	97.58 1.73 0.00	97.67 1.91 0.00	97.67 1.82 0.00	97.66 2.10 0.10	98.53 2.21 -0.28	98.92 2.79 -0.09	101.65 2.79 -2.72	99.41 2.97 -0.58	98.84 2.39 -0.79	64.71 1.70 -2.35	63.65 1.46 -1.27	63.86 1.52 -1.61
CASSADAGA_WT_PWR 323784	66.28 -2.68 -5.14	62.17 -2.87 -4.05	63.15 -2.86 -5.09	62.52 -2.92 -4.52	62.33 -3.29 -4.75	61.55 -3.41 -4.10	61.98 -4.37 -5.62	61.17 -4.61 -5.13	85.22 -8.02 0.01	89.10 -8.03 -1.48	90.74 -8.04 -3.03	91.06 -7.87 -2.97	91.36 -8.15 -3.65	90.59 -8.33 -3.16	89.70 -9.11 -2.96	88.68 -9.18 -2.21	89.47 -9.51 -2.94	90.86 -8.64 -3.46	90.46 -9.32 -3.64	86.59 -9.49 -0.23	86.50 -9.28 -0.13	57.91 -5.94 -3.19	59.79 -5.36 -4.23	61.30 -4.80 -5.37
CE_DUNWOOD___DRP 24194	93.94 3.89 -26.22	85.43 3.78 -20.66	90.52 3.59 -26.00	87.59 3.59 -23.07	88.70 3.59 -24.25	85.38 3.59 -20.92	92.95 3.52 -28.70	90.52 3.70 -26.16	98.99 5.69 -0.05	107.70 5.93 -6.11	115.95 5.94 -14.26	115.95 6.04 -13.96	119.21 6.23 -17.12	116.91 6.13 -15.02	116.14 6.23 -14.06	113.44 6.31 -11.47	119.47 6.53 -16.90	120.07 6.63 -17.40	149.17 6.73 -46.30	119.79 6.52 -17.42	116.03 6.41 -13.96	104.84 4.19 -39.99	86.79 4.26 -21.60	91.91 3.77 -27.42
CE_MILLWOOD___DRP 24193	93.71 3.77 -26.12	85.23 3.66 -20.58	90.30 3.47 -25.90	87.38 3.47 -22.98	88.49 3.47 -24.16	85.17 3.47 -20.84	92.71 3.40 -28.59	90.29 3.58 -26.06	98.80 5.50 -0.05	107.49 5.74 -6.09	115.71 5.75 -14.20	115.71 5.85 -13.90	118.95 6.04 -17.06	116.66 5.94 -14.96	115.90 6.04 -14.01	113.20 6.12 -11.43	119.22 6.34 -16.83	119.72 6.34 -17.33	148.71 6.44 -46.12	119.53 6.33 -17.35	115.68 6.12 -13.91	104.50 4.00 -39.83	86.59 4.14 -21.52	91.69 3.64 -27.32
CE_NYC2_DRP 24202	94.58 4.47 -26.29	86.04 4.33 -20.72	91.06 4.08 -26.06	88.00 3.96 -23.12	89.06 3.90 -24.30	85.73 3.90 -20.97	93.43 3.95 -28.76	91.06 4.19 -26.22	99.83 6.53 -0.05	108.38 6.60 -6.13	116.65 6.61 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.71 6.89 -15.05	116.94 7.00 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	120.97 7.49 -17.43	150.14 7.60 -46.40	120.69 7.38 -17.46	116.92 7.27 -13.99	105.53 4.79 -40.07	88.06 4.93 -22.20	92.59 4.37 -27.49
CE_NYC_DRP 24195	94.25 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.94 3.77 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.75 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.12	116.36 6.32 -14.28	116.46 6.52 -13.98	119.72 6.71 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.08 7.11 -16.93	120.68 7.20 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.29 4.55 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48
CHAFFEE___LFGE 323603	65.10 -3.77 -5.05	61.06 -3.90 -3.98	62.02 -3.90 -5.00	61.46 -3.90 -4.44	61.33 -4.20 -4.67	60.50 -4.38 -4.03	60.90 -5.34 -5.52	59.93 -5.76 -5.03	83.27 -9.98 0.01	85.52 -10.14 -0.01	88.50 -10.05 -2.79	88.82 -9.79 -2.66	89.06 -10.06 -3.27	88.81 -10.05 -3.10	88.40 -10.35 -2.90	87.39 -10.42 -2.16	88.47 -10.47 -2.89	89.74 -9.70 -3.40	89.76 -10.09 -3.71	85.81 -10.35 -0.31	85.70 -10.14 -0.19	57.66 -6.25 -3.24	59.54 -5.54 -4.16	61.14 -4.86 -5.28
CHATEAUG_35_KV_LOAD 355732	63.12 -0.70 0.00	60.38 -0.61 0.00	60.37 -0.55 0.00	60.19 -0.73 0.00	60.13 -0.73 0.00	60.13 -0.73 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	91.76 -1.49 0.00	93.93 -1.72 0.00	93.75 -2.01 0.00	93.65 -2.30 0.00	93.65 -2.20 0.00	93.46 -2.30 0.00	93.46 -2.40 0.00	93.63 -2.01 0.01	93.84 -2.21 0.00	93.84 -2.21 0.00	94.31 -1.83 0.00	94.42 -1.44 0.00	94.89 -0.77 0.00	60.12 -0.55 0.00	59.89 -1.04 0.00	59.69 -1.03 0.00
CHATEAUG_WT_PWR 323614	63.06 -0.76 0.00	60.26 -0.73 0.00	60.25 -0.67 0.00	60.13 -0.79 0.00	60.07 -0.79 0.00	60.07 -0.79 0.00	59.75 -0.97 0.00	59.62 -1.03 0.00	91.58 -1.68 0.00	93.74 -1.91 0.00	93.56 -2.20 0.00	93.45 -2.50 0.00	93.46 -2.39 0.00	93.37 -2.39 0.00	93.27 -2.58 0.00	93.35 -2.30 0.01	93.55 -2.50 0.00	93.65 -2.40 0.00	93.93 -2.21 0.00	94.22 -1.63 0.00	94.60 -1.05 0.00	59.94 -0.73 0.00	59.70 -1.22 0.00	59.57 -1.16 0.00
CHAT_HIGH_FALL_HYD 323578	63.12 -0.70 0.00	60.38 -0.61 0.00	60.37 -0.55 0.00	60.19 -0.73 0.00	60.13 -0.73 0.00	60.13 -0.73 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	91.76 -1.49 0.00	93.93 -1.72 0.00	93.75 -2.01 0.00	93.65 -2.30 0.00	93.65 -2.20 0.00	93.46 -2.30 0.00	93.46 -2.40 0.00	93.63 -2.01 0.01	93.84 -2.21 0.00	93.84 -2.21 0.00	94.31 -1.83 0.00	94.42 -1.44 0.00	94.89 -0.77 0.00	60.12 -0.55 0.00	59.89 -1.04 0.00	59.69 -1.03 0.00
CHAUTAUQUA___LFGE 323629	65.87 -3.00 -5.04	61.73 -3.23 -3.98	62.69 -3.23 -5.00	62.13 -3.23 -4.44	61.94 -3.59 -4.67	61.17 -3.71 -4.02	61.57 -4.67 -5.52	60.72 -4.97 -5.03	84.38 -8.86 0.01	86.77 -8.89 -0.01	89.65 -8.90 -2.79	89.88 -8.73 -2.66	90.01 -9.11 -3.27	89.57 -9.29 -3.10	88.98 -9.78 -2.90	87.86 -9.95 -2.16	89.05 -9.89 -2.89	90.12 -9.31 -3.40	90.16 -9.71 -3.73	86.01 -10.16 -0.32	85.90 -9.95 -0.20	57.91 -6.01 -3.26	59.78 -5.30 -4.16	61.33 -4.67 -5.28
CHERRYST_13_KV_LD 356241	94.38 4.28 -26.28	85.84 4.15 -20.71	90.88 3.90 -26.06	87.94 3.90 -23.12	89.06 3.90 -24.30	85.72 3.90 -20.97	93.31 3.83 -28.76	90.94 4.06 -26.22	99.64 6.34 -0.05	108.38 6.60 -6.12	116.65 6.61 -14.28	116.65 6.72 -13.98	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	120.87 7.40 -17.43	150.04 7.50 -46.40	120.59 7.28 -17.46	116.72 7.08 -13.99	105.41 4.67 -40.07	87.39 4.81 -21.65	92.46 4.25 -27.48

CHESTROR_138KV_BK263 355645	91.39 3.13 -24.44	83.29 3.05 -19.26	88.01 2.86 -24.23	85.34 2.92 -21.50	86.32 2.86 -22.60	83.22 2.86 -19.50	90.26 2.79 -26.74	87.95 2.91 -24.38	97.78 4.48 -0.04	106.01 4.69 -5.67	113.72 4.69 -13.27	113.64 4.70 -12.99	116.68 4.89 -15.93	114.53 4.79 -13.98	113.83 4.89 -13.09	111.30 4.97 -10.68	116.87 5.09 -15.74	117.43 5.19 -16.20	144.57 5.29 -43.15	117.16 5.08 -16.23	113.64 4.97 -13.01	101.20 3.28 -37.26	84.41 3.35 -20.13	89.26 2.98 -25.55
CH_MIDHUDSON___DRP 24192	94.51 3.96 -26.73	85.83 3.78 -21.06	91.08 3.66 -26.50	88.15 3.72 -23.52	89.23 3.65 -24.72	85.84 3.65 -21.33	93.56 3.58 -29.25	91.02 3.70 -26.67	99.09 5.78 -0.05	108.16 6.03 -6.48	116.43 5.94 -14.74	116.43 6.04 -14.44	119.70 6.13 -17.71	117.39 6.13 -15.51	116.50 6.13 -14.51	113.71 6.22 -11.84	119.77 6.34 -17.38	120.42 6.43 -17.94	149.87 6.54 -47.20	120.03 6.33 -17.85	116.11 6.22 -14.24	105.49 4.06 -40.76	87.09 4.14 -22.02	92.44 3.77 -27.95
CH_MISC_IPPS 23765	94.24 4.15 -26.27	85.71 4.02 -20.70	90.81 3.84 -26.05	87.94 3.90 -23.11	89.06 3.90 -24.30	85.72 3.90 -20.96	93.30 3.83 -28.75	90.80 3.94 -26.21	99.36 6.06 -0.05	108.40 6.41 -6.33	116.53 6.32 -14.46	116.44 6.33 -14.16	119.75 6.52 -17.37	117.39 6.42 -15.21	116.62 6.52 -14.24	113.78 6.51 -11.62	119.83 6.72 -17.06	120.47 6.82 -17.60	149.54 7.01 -46.39	120.00 6.61 -17.53	116.24 6.60 -13.99	104.97 4.25 -40.06	86.96 4.39 -21.64	92.14 3.94 -27.47
CH_RES_BVR_FALLS 23983	62.68 -1.15 0.00	59.95 -1.04 0.00	59.89 -1.04 0.00	59.83 -1.09 0.00	59.83 -1.04 0.00	59.83 -1.04 0.00	59.75 -0.97 0.00	59.62 -1.03 0.00	91.86 -1.40 0.00	94.12 -1.53 0.00	94.13 -1.63 0.00	94.12 -1.83 0.00	94.13 -1.72 0.00	94.22 -1.54 0.00	94.32 -1.54 0.00	94.31 -1.34 0.01	94.50 -1.54 0.00	94.50 -1.54 0.00	94.50 -1.63 0.00	94.42 -1.44 0.00	94.32 -1.34 0.00	59.63 -1.03 0.00	59.70 -1.22 0.00	59.51 -1.21 0.00
CH_RES_NIAGARA 23895	63.92 -4.47 -4.56	60.01 -4.57 -3.60	60.82 -4.63 -4.52	60.31 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.98 -4.55	79.91 -13.34 0.01	82.27 -13.39 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.70 -14.09 -2.93	84.37 -14.17 -2.78	84.27 -14.19 -2.60	81.98 -15.59 -1.92	84.00 -14.69 -2.65	84.32 -14.79 -3.06	86.44 -13.56 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
CH_RES_SYRACUSE 23985	66.69 -0.38 -3.25	63.12 -0.42 -2.56	63.53 -0.61 -3.22	63.17 -0.61 -2.86	63.14 -0.73 -3.00	62.79 -0.67 -2.59	63.49 -0.79 -3.56	63.11 -0.79 -3.24	91.49 -1.77 -0.01	93.95 -1.72 -0.02	95.96 -1.54 -1.73	96.35 -1.25 -1.65	96.34 -1.54 -2.03	96.05 -1.63 -1.92	96.02 -1.63 -1.80	95.12 -1.82 -1.28	96.65 -1.54 -2.14	96.63 -1.63 -2.22	100.44 -1.44 -5.74	96.32 -1.72 -2.19	95.57 -1.82 -1.73	64.71 -0.91 -4.95	62.81 -0.79 -2.68	63.40 -0.73 -3.40
CLINTON_WT_PWR 323605	63.06 -0.76 0.00	60.26 -0.73 0.00	60.25 -0.67 0.00	60.13 -0.79 0.00	60.07 -0.79 0.00	60.07 -0.79 0.00	59.75 -0.97 0.00	59.62 -1.03 0.00	91.58 -1.68 0.00	93.74 -1.91 0.00	93.56 -2.20 0.00	93.45 -2.50 0.00	93.46 -2.39 0.00	93.37 -2.39 0.00	93.27 -2.58 0.00	93.35 -2.30 0.01	93.55 -2.50 0.00	93.65 -2.40 0.00	93.93 -2.21 0.00	94.22 -1.63 0.00	94.60 -1.05 0.00	59.94 -0.73 0.00	59.70 -1.22 0.00	59.57 -1.16 0.00
CLINTON___LFGE 323618	64.33 0.51 0.00	61.54 0.55 0.00	61.53 0.61 0.00	61.29 0.37 0.00	61.23 0.37 0.00	61.29 0.43 0.00	60.79 0.06 0.00	60.66 0.00 0.00	92.79 -0.46 0.00	94.99 -0.66 0.00	94.80 -0.96 0.00	94.70 -1.25 0.00	94.71 -1.15 0.00	94.51 -1.25 0.00	94.42 -1.44 0.00	94.50 -1.14 0.01	94.70 -1.34 0.00	94.90 -1.15 0.00	95.27 -0.87 0.00	95.38 -0.48 0.00	95.94 0.29 0.00	60.91 0.24 0.00	60.68 -0.24 0.00	60.67 -0.06 0.00
COBBLENY_34_KV_TB1 80064	65.10 -3.77 -5.05	61.06 -3.90 -3.98	62.03 -3.90 -5.00	61.46 -3.90 -4.44	61.33 -4.20 -4.67	60.51 -4.38 -4.03	60.90 -5.34 -5.52	59.93 -5.76 -5.03	83.27 -9.98 0.01	85.81 -9.85 -0.01	88.69 -9.86 -2.79	88.82 -9.79 -2.66	89.06 -10.06 -3.27	88.90 -9.96 -3.10	88.50 -10.26 -2.90	87.29 -10.52 -2.16	88.57 -10.37 -2.89	89.64 -9.80 -3.40	89.66 -10.19 -3.71	85.81 -10.35 -0.31	85.70 -10.14 -0.19	57.60 -6.31 -3.24	59.53 -5.54 -4.16	61.14 -4.86 -5.28
COFFEEN___115KV_TB3 355620	68.66 3.06 -1.78	65.19 2.81 -1.40	65.24 2.56 -1.76	64.98 2.50 -1.56	64.82 2.31 -1.64	64.59 2.31 -1.42	65.16 2.49 -1.94	65.10 2.67 -1.77	96.71 3.45 0.00	99.10 3.44 0.00	99.69 3.93 0.00	99.60 3.65 0.00	99.11 3.26 0.00	99.21 3.45 0.00	99.21 3.35 0.00	99.08 3.54 0.11	100.20 3.84 -0.32	100.57 4.42 -0.11	103.50 4.23 -3.13	101.03 4.51 -0.67	100.40 3.83 -0.92	65.92 2.55 -2.71	64.70 2.32 -1.46	64.95 2.37 -1.86
COLDSPRG_115KV_BK1 355956	66.30 -2.81 -5.28	62.10 -3.05 -4.16	63.12 -3.05 -5.24	62.53 -3.05 -4.65	62.40 -3.35 -4.89	61.55 -3.53 -4.22	62.08 -4.43 -5.78	61.26 -4.67 -5.27	85.78 -7.46 0.01	89.91 -7.27 -1.52	91.50 -7.37 -3.12	91.63 -7.39 -3.06	92.43 -7.19 -3.76	91.84 -7.18 -3.26	91.14 -7.76 -3.05	90.66 -7.27 -2.28	91.36 -7.68 -3.00	92.88 -6.72 -3.56	92.06 -7.60 -3.51	88.67 -7.28 -0.10	88.59 -7.08 -0.02	58.46 -5.28 -3.08	60.28 -5.00 -4.35	61.82 -4.43 -5.53
COLONIE_LFGE___ 323577	100.15 3.83 -32.50	90.19 3.60 -25.61	96.68 3.53 -32.22	93.04 3.53 -28.59	94.38 3.47 -30.05	90.32 3.53 -25.93	99.69 3.40 -35.56	96.47 3.39 -32.42	98.74 5.31 -0.17	154.13 5.55 -52.93	157.16 5.55 -55.85	157.94 5.56 -56.42	170.80 5.65 -69.29	156.27 5.55 -54.96	152.85 5.56 -51.44	143.23 5.55 -42.03	152.14 5.67 -50.43	161.64 5.76 -59.84	159.19 5.67 -57.38	141.30 5.65 -39.79	119.58 5.55 -18.38	113.80 3.58 -49.56	91.35 3.66 -26.78	98.17 3.46 -33.99
COOPERNY_115KV_TB1 80082	86.05 2.30 -19.92	78.94 2.26 -15.70	82.87 2.19 -19.75	80.64 2.19 -17.53	81.42 2.13 -18.42	78.89 2.13 -15.90	84.65 2.13 -21.80	82.71 2.18 -19.87	96.56 3.26 -0.04	103.70 3.35 -4.69	110.11 3.45 -10.91	110.08 3.45 -10.68	112.50 3.55 -13.10	110.70 3.45 -11.49	110.15 3.55 -10.75	107.96 3.54 -8.76	112.69 3.75 -12.90	113.18 3.84 -13.30	135.16 3.85 -35.18	112.87 3.74 -13.27	109.90 3.63 -10.61	93.41 2.37 -30.38	79.83 2.50 -16.41	83.75 2.19 -20.83
COPENHAGEN_WT_PWR 323753	68.03 2.36 -1.84	64.51 2.07 -1.45	64.64 1.89 -1.82	64.37 1.83 -1.62	64.21 1.64 -1.70	63.97 1.64 -1.47	64.50 1.76 -2.01	64.43 1.94 -1.83	95.59 2.33 0.00	97.95 2.29 0.00	98.54 2.78 0.00	98.44 2.49 0.00	98.06 2.21 0.00	98.05 2.29 0.00	98.15 2.30 0.00	97.93 2.39 0.12	99.06 2.69 -0.33	99.23 3.07 -0.11	102.46 3.08 -3.25	99.81 3.26 -0.69	99.28 2.67 -0.95	65.29 1.82 -2.80	64.14 1.70 -1.51	64.35 1.70 -1.92
CORNELL_____ 23752	71.21 1.09 -6.30	66.87 0.91 -4.96	67.90 0.73 -6.24	67.19 0.73 -5.54	67.23 0.55 -5.82	66.50 0.61 -5.03	68.10 0.49 -6.89	67.42 0.49 -6.28	93.45 0.09 -0.10	97.88 0.10 -2.13	100.11 0.29 -4.06	100.53 0.58 -4.00	101.13 0.38 -4.89	100.28 0.29 -4.23	100.21 0.38 -3.97	99.11 0.19 -3.26	103.46 0.58 -6.84	102.40 0.77 -5.59	130.31 0.77 -33.41	114.54 0.67 -18.01	110.15 0.38 -14.11	89.65 0.30 -28.68	66.48 0.37 -5.19	67.68 0.36 -6.59

CORONA V_69 KV_TB1 355595	134.90 5.17 -65.91	120.28 4.94 -54.35	113.48 4.75 -47.81	111.68 4.75 -46.01	89.90 4.75 -24.30	94.45 4.75 -28.85	94.09 4.62 -28.75	99.32 4.85 -33.82	124.80 7.46 -24.09	144.43 7.84 -40.94	152.31 7.95 -48.60	152.31 8.16 -48.20	151.63 8.34 -47.43	149.43 8.24 -45.43	148.40 8.24 -44.31	151.40 8.32 -47.42	149.48 8.55 -44.89	153.32 8.64 -48.64	166.27 8.75 -61.38	148.93 8.53 -44.55	146.73 8.32 -42.76	144.16 5.40 -78.09	118.06 5.48 -51.66	93.12 4.92 -27.47
CORTLAND_115KV_TB3 80093	69.51 0.51 -5.18	65.43 0.37 -4.08	66.30 0.24 -5.13	65.72 0.24 -4.55	65.77 0.12 -4.79	65.18 0.18 -4.13	66.45 0.06 -5.67	65.88 0.06 -5.17	92.82 -0.47 -0.03	96.83 -0.38 -1.56	98.69 -0.19 -3.12	99.01 0.00 -3.06	99.42 -0.19 -3.76	98.82 -0.19 -3.26	98.71 -0.19 -3.05	97.66 -0.38 -2.39	100.13 -0.10 -4.18	99.99 0.00 -3.94	111.25 0.00 -15.11	102.96 -0.10 -7.20	101.01 -0.29 -5.64	73.54 -0.12 -13.00	65.19 0.00 -4.27	66.14 0.00 -5.41
COXSACKIE__GT 23611	99.27 4.85 -30.60	89.80 4.70 -24.11	95.83 4.57 -30.34	92.41 4.57 -26.92	93.72 4.57 -28.30	89.96 4.69 -24.41	98.82 4.61 -33.48	95.60 4.43 -30.52	101.37 8.02 -0.09	125.57 6.98 -22.94	132.09 6.42 -29.91	131.89 6.05 -29.89	138.69 6.14 -36.70	132.24 6.32 -30.16	130.51 6.42 -28.23	125.22 6.51 -23.06	132.55 6.53 -29.97	136.27 6.62 -33.60	156.79 6.63 -54.02	128.73 6.23 -26.65	118.73 6.41 -16.67	111.26 3.94 -46.66	90.21 4.08 -25.21	96.79 4.07 -32.00
CPV_VALLEY__CC1 323721	89.20 2.56 -22.82	81.53 2.56 -17.98	85.99 2.44 -22.63	83.44 2.44 -20.08	84.40 2.44 -21.10	81.44 2.37 -18.21	88.07 2.37 -24.97	85.85 2.43 -22.77	96.93 3.63 -0.04	104.75 3.83 -5.26	111.97 3.83 -12.38	112.00 3.94 -12.11	114.83 4.12 -14.86	112.83 4.02 -13.05	112.09 4.03 -12.21	109.72 4.11 -9.96	115.05 4.33 -14.68	115.58 4.42 -15.11	140.86 4.42 -40.29	115.32 4.32 -15.15	112.01 4.20 -12.15	98.20 2.73 -34.80	82.59 2.86 -18.80	87.08 2.49 -23.86
CPV_VALLEY__CC2 323722	89.20 2.56 -22.82	81.53 2.56 -17.98	85.99 2.44 -22.63	83.44 2.44 -20.08	84.40 2.44 -21.10	81.44 2.37 -18.21	88.07 2.37 -24.97	85.85 2.43 -22.77	96.93 3.63 -0.04	104.75 3.83 -5.26	111.97 3.83 -12.38	112.00 3.94 -12.11	114.83 4.12 -14.86	112.83 4.02 -13.05	112.09 4.03 -12.21	109.72 4.11 -9.96	115.05 4.33 -14.68	115.58 4.42 -15.11	140.86 4.42 -40.29	115.32 4.32 -15.15	112.01 4.20 -12.15	98.20 2.73 -34.80	82.59 2.86 -18.80	87.08 2.49 -23.86
CRESCENT__HYD 24018	100.15 3.83 -32.50	90.19 3.60 -25.61	96.68 3.53 -32.22	93.04 3.53 -28.59	94.38 3.47 -30.05	90.32 3.53 -25.93	99.69 3.40 -35.56	96.47 3.39 -32.42	98.74 5.31 -0.17	154.13 5.55 -52.93	157.16 5.55 -55.85	157.94 5.56 -56.42	170.80 5.65 -69.29	156.27 5.55 -54.96	152.85 5.56 -51.44	143.23 5.55 -42.03	152.14 5.67 -50.43	161.64 5.76 -59.84	159.19 5.67 -57.38	141.30 5.65 -39.79	119.58 5.55 -18.38	113.80 3.58 -49.56	91.35 3.66 -26.78	98.17 3.46 -33.99
CRICKET__VALLEY_CC1 323756	95.14 3.70 -27.61	86.28 3.54 -21.76	91.71 3.41 -27.38	88.62 3.41 -24.29	89.80 3.41 -25.53	86.24 3.35 -22.03	94.22 3.28 -30.21	91.59 3.39 -27.54	98.53 5.22 -0.05	108.56 5.45 -7.45	117.07 5.46 -15.86	116.98 5.47 -15.56	120.51 5.56 -19.10	117.93 5.55 -16.62	117.07 5.65 -15.56	114.09 5.74 -12.70	120.35 5.86 -18.45	121.07 5.86 -19.17	150.85 5.96 -48.75	120.35 5.75 -18.74	116.12 5.74 -14.72	106.53 3.76 -42.10	87.57 3.90 -22.75	93.12 3.52 -28.87
CRICKET__VALLEY_CC2 323757	95.14 3.70 -27.61	86.28 3.54 -21.76	91.71 3.41 -27.38	88.62 3.41 -24.29	89.80 3.41 -25.53	86.24 3.35 -22.03	94.22 3.28 -30.21	91.59 3.39 -27.54	98.53 5.22 -0.05	108.56 5.45 -7.45	117.07 5.46 -15.86	116.98 5.47 -15.56	120.51 5.56 -19.10	117.93 5.55 -16.62	117.07 5.65 -15.56	114.09 5.74 -12.70	120.35 5.86 -18.45	121.07 5.86 -19.17	150.85 5.96 -48.75	120.35 5.75 -18.74	116.12 5.74 -14.72	106.53 3.76 -42.10	87.57 3.90 -22.75	93.12 3.52 -28.87
CRICKET__VALLEY_CC3 323758	95.14 3.70 -27.61	86.28 3.54 -21.76	91.71 3.41 -27.38	88.62 3.41 -24.29	89.80 3.41 -25.53	86.24 3.35 -22.03	94.22 3.28 -30.21	91.59 3.39 -27.54	98.53 5.22 -0.05	108.56 5.45 -7.45	117.07 5.46 -15.86	116.98 5.47 -15.56	120.51 5.56 -19.10	117.93 5.55 -16.62	117.07 5.65 -15.56	114.09 5.74 -12.70	120.35 5.86 -18.45	121.07 5.86 -19.17	150.85 5.96 -48.75	120.35 5.75 -18.74	116.12 5.74 -14.72	106.53 3.76 -42.10	87.57 3.90 -22.75	93.12 3.52 -28.87
CRUCIBLE_METL_DRP 24180	66.69 -0.38 -3.25	63.12 -0.43 -2.56	63.53 -0.61 -3.22	63.17 -0.61 -2.86	63.14 -0.73 -3.00	62.78 -0.67 -2.59	63.49 -0.79 -3.56	63.11 -0.79 -3.24	91.40 -1.87 -0.01	93.95 -1.72 -0.02	95.96 -1.53 -1.73	96.35 -1.25 -1.65	96.35 -1.53 -2.03	96.15 -1.53 -1.92	96.02 -1.63 -1.80	95.03 -1.91 -1.28	96.65 -1.54 -2.14	96.73 -1.54 -2.22	100.34 -1.54 -5.74	96.41 -1.63 -2.19	95.57 -1.82 -1.73	64.71 -0.91 -4.95	62.81 -0.79 -2.68	63.39 -0.73 -3.40
DAHOWA__HYDRO 323763	101.74 4.91 -33.00	91.57 4.58 -26.00	98.15 4.51 -32.72	94.46 4.51 -29.03	95.82 4.44 -30.52	91.63 4.44 -26.33	101.21 4.37 -36.11	98.00 4.43 -32.92	100.35 6.90 -0.20	165.43 7.27 -62.51	167.18 7.37 -64.05	168.15 7.39 -64.81	182.93 7.48 -79.60	165.81 7.27 -62.78	161.81 7.19 -58.76	150.93 7.27 -48.01	160.41 7.50 -56.87	171.84 7.69 -68.11	161.91 7.50 -58.27	147.03 7.28 -43.89	121.71 7.18 -18.87	115.47 4.49 -50.32	92.68 4.57 -27.19	99.61 4.37 -34.51
DANC__LFGE 323619	67.35 1.34 -2.18	63.86 1.16 -1.72	64.06 0.97 -2.16	63.81 0.97 -1.92	63.67 0.79 -2.02	63.39 0.79 -1.74	63.84 0.73 -2.39	63.68 0.85 -2.18	94.09 0.84 0.00	96.51 0.86 0.00	97.00 1.24 0.00	97.19 1.24 0.00	96.81 0.96 0.00	96.72 0.96 0.00	96.81 0.96 0.00	96.47 0.96 0.14	97.59 1.16 -0.39	97.52 1.34 -0.13	101.34 1.35 -3.85	98.02 1.34 -0.82	97.64 0.86 -1.12	64.72 0.73 -3.33	63.51 0.79 -1.80	63.86 0.85 -2.28
DANSKAMMER__1 23586	94.24 4.15 -26.27	85.71 4.02 -20.70	90.81 3.84 -26.05	87.94 3.90 -23.11	89.06 3.90 -24.30	85.72 3.90 -20.96	93.30 3.83 -28.75	90.80 3.94 -26.21	99.36 6.06 -0.05	108.40 6.41 -6.33	116.53 6.32 -14.46	116.44 6.33 -14.16	119.75 6.52 -17.37	117.39 6.42 -15.21	116.62 6.52 -14.24	113.78 6.51 -11.62	119.83 6.72 -17.06	120.47 6.82 -17.60	149.54 7.01 -46.39	120.00 6.61 -17.53	116.24 6.60 -13.99	104.97 4.25 -40.06	86.96 4.39 -21.64	92.14 3.94 -27.47
DANSKAMMER__2 23589	94.24 4.15 -26.27	85.71 4.02 -20.70	90.81 3.84 -26.05	87.94 3.90 -23.11	89.06 3.90 -24.30	85.72 3.90 -20.96	93.30 3.83 -28.75	90.80 3.94 -26.21	99.36 6.06 -0.05	108.40 6.41 -6.33	116.53 6.32 -14.46	116.44 6.33 -14.16	119.75 6.52 -17.37	117.39 6.42 -15.21	116.62 6.52 -14.24	113.78 6.51 -11.62	119.83 6.72 -17.06	120.47 6.82 -17.60	149.54 7.01 -46.39	120.00 6.61 -17.53	116.24 6.60 -13.99	104.97 4.25 -40.06	86.96 4.39 -21.64	92.14 3.94 -27.47
DANSKAMMER__3 23590	94.24 4.15 -26.27	85.71 4.02 -20.70	90.81 3.84 -26.05	87.94 3.90 -23.11	89.06 3.90 -24.30	85.72 3.90 -20.96	93.30 3.83 -28.75	90.80 3.94 -26.21	99.36 6.06 -0.05	108.40 6.41 -6.33	116.53 6.32 -14.46	116.44 6.33 -14.16	119.75 6.52 -17.37	117.39 6.42 -15.21	116.62 6.52 -14.24	113.78 6.51 -11.62	119.83 6.72 -17.06	120.47 6.82 -17.60	149.54 7.01 -46.39	120.00 6.61 -17.53	116.24 6.60 -13.99	104.97 4.25 -40.06	86.96 4.39 -21.64	92.14 3.94 -27.47

DANSKAMMER___4 23591	94.24 4.15 -26.27	85.71 4.02 -20.70	90.81 3.84 -26.05	87.94 3.90 -23.11	89.06 3.90 -24.30	85.72 3.90 -20.96	93.30 3.83 -28.75	90.80 3.94 -26.21	99.36 6.06 -0.05	108.40 6.41 -6.33	116.53 6.32 -14.46	116.44 6.33 -14.16	119.75 6.52 -17.37	117.39 6.42 -15.21	116.62 6.52 -14.24	113.78 6.51 -11.62	119.83 6.72 -17.06	120.47 6.82 -17.60	149.54 7.01 -46.39	120.00 6.61 -17.53	116.24 6.60 -13.99	104.97 4.25 -40.06	86.96 4.39 -21.64	92.14 3.94 -27.47
DANSKAMMER___DIESEL 23592	94.24 4.15 -26.27	85.72 4.03 -20.70	90.81 3.84 -26.05	87.93 3.90 -23.11	89.05 3.90 -24.30	85.72 3.90 -20.96	93.30 3.83 -28.75	90.81 3.94 -26.21	99.46 6.15 -0.05	108.40 6.41 -6.33	116.54 6.32 -14.46	116.44 6.33 -14.16	119.84 6.61 -17.37	117.49 6.51 -15.21	116.61 6.52 -14.24	113.87 6.60 -11.62	119.83 6.72 -17.06	120.47 6.82 -17.60	149.54 7.02 -46.39	120.00 6.61 -17.53	116.25 6.60 -13.99	104.97 4.25 -40.06	86.95 4.39 -21.64	92.15 3.95 -27.47
DARBY___SOLAR 323810	101.35 4.60 -32.93	91.27 4.33 -25.95	97.83 4.26 -32.65	94.09 4.20 -28.97	95.51 4.20 -30.45	91.33 4.20 -26.27	100.89 4.13 -36.03	97.63 4.13 -32.85	99.88 6.43 -0.19	163.77 6.79 -61.32	165.69 6.90 -63.04	166.64 6.91 -63.78	181.17 6.99 -78.32	164.37 6.80 -61.81	160.42 6.71 -57.85	149.82 6.89 -47.27	159.23 7.11 -56.08	170.33 7.21 -67.08	161.39 7.11 -58.14	146.04 6.81 -43.38	121.16 6.69 -18.81	115.12 4.25 -50.21	92.38 4.33 -27.13	99.29 4.13 -34.43
DASHVILLE___HYD 23610	93.65 2.81 -27.02	85.02 2.74 -21.29	90.33 2.62 -26.79	87.31 2.62 -23.77	88.46 2.62 -24.98	85.10 2.68 -21.56	92.90 2.61 -29.56	90.34 2.73 -26.95	97.60 4.29 -0.06	109.86 4.50 -9.71	117.62 4.31 -17.55	117.59 4.32 -17.32	121.61 4.51 -21.25	118.37 4.40 -18.20	117.40 4.51 -17.04	114.15 4.59 -13.91	120.47 4.80 -19.62	121.74 4.90 -20.80	148.94 5.10 -47.70	119.86 4.70 -19.31	114.81 4.69 -14.46	104.89 3.03 -41.19	86.29 3.11 -22.26	91.65 2.67 -28.25
DEERFIELD_69_KV_DEERFIELD LD 355887	136.30 6.57 -65.91	121.50 6.16 -54.35	114.64 5.91 -47.81	112.90 5.97 -46.01	91.00 5.84 -24.30	95.55 5.84 -28.85	95.00 5.53 -28.75	100.23 5.76 -33.82	126.86 9.51 -24.09	146.44 9.85 -40.94	153.65 9.29 -48.60	153.89 9.69 -48.25	152.78 9.49 -47.43	150.67 9.48 -45.43	149.75 9.59 -44.31	152.97 9.85 -47.46	150.87 9.89 -44.93	154.70 9.89 -48.76	256.92 9.90 -150.88	150.12 9.68 -44.59	147.78 9.37 -42.76	144.83 6.07 -78.09	118.61 6.03 -51.66	93.97 5.77 -27.47
DELAWARE___LFGE 323621	77.72 2.36 -11.53	72.33 2.26 -9.09	74.61 2.25 -11.43	73.32 2.25 -10.15	73.66 2.13 -10.67	72.19 2.13 -9.20	75.47 2.13 -12.62	74.22 2.06 -11.50	96.47 3.17 -0.04	107.93 3.25 -9.02	112.13 3.45 -12.92	112.26 3.45 -12.86	115.09 3.45 -15.79	112.26 3.35 -13.15	111.52 3.35 -12.31	108.99 3.35 -9.99	112.24 3.46 -12.74	114.24 3.65 -14.54	120.06 3.56 -20.36	110.24 3.45 -10.94	105.24 3.25 -6.33	80.31 2.06 -17.59	72.56 2.13 -9.50	74.79 2.00 -12.06
DERFIELD_115KV_TB7 355931	64.53 0.70 0.00	61.60 0.61 0.00	61.53 0.61 0.00	61.53 0.61 0.00	61.47 0.61 0.00	61.47 0.61 0.00	61.33 0.61 0.00	61.26 0.61 0.00	94.10 0.84 0.00	96.61 0.96 0.00	96.72 0.96 0.00	96.91 0.96 0.00	96.81 0.96 0.00	96.72 0.96 0.00	96.81 0.96 0.00	96.59 0.96 0.02	97.10 1.06 0.00	97.10 1.06 0.00	97.20 1.06 0.00	96.91 1.05 0.00	96.61 0.96 0.00	61.27 0.61 0.00	61.59 0.67 0.00	61.33 0.61 0.00
DOGLEVILLE___HYD 23807	64.46 0.64 0.00	61.47 0.49 0.00	61.35 0.43 0.00	61.35 0.43 0.00	61.29 0.43 0.00	61.29 0.43 0.00	61.21 0.48 0.00	61.20 0.54 0.00	94.09 0.84 0.00	96.61 0.96 0.00	96.81 1.06 0.00	97.10 1.16 0.00	97.10 1.24 0.00	97.00 1.24 0.00	97.10 1.24 0.00	96.88 1.24 0.02	97.10 1.06 0.00	97.29 1.25 0.00	97.48 1.35 0.00	97.29 1.44 0.00	96.71 1.05 0.00	61.27 0.61 0.00	61.53 0.61 0.00	61.27 0.55 0.00
DUNKIRK___115KV_TB_200 55889	65.80 -3.06 -5.04	61.66 -3.29 -3.97	62.63 -3.29 -4.99	62.06 -3.29 -4.43	61.87 -3.65 -4.66	61.11 -3.77 -4.02	61.56 -4.68 -5.51	60.64 -5.03 -5.02	84.29 -8.95 0.01	86.77 -8.90 -0.01	89.64 -8.91 -2.79	89.87 -8.73 -2.66	89.91 -9.20 -3.26	89.57 -9.29 -3.10	89.07 -9.68 -2.90	87.77 -10.04 -2.15	89.04 -9.89 -2.89	90.02 -9.41 -3.39	90.07 -9.81 -3.73	86.11 -10.06 -0.32	85.91 -9.95 -0.20	57.92 -6.01 -3.26	59.77 -5.30 -4.15	61.32 -4.68 -5.27
DUNKIRK___1 23563	65.80 -3.06 -5.04	61.66 -3.29 -3.97	62.63 -3.29 -4.99	62.06 -3.29 -4.43	61.87 -3.65 -4.66	61.11 -3.77 -4.02	61.56 -4.68 -5.51	60.64 -5.03 -5.02	84.29 -8.95 0.01	86.77 -8.90 -0.01	89.64 -8.91 -2.79	89.87 -8.73 -2.66	89.91 -9.20 -3.26	89.57 -9.29 -3.10	89.07 -9.68 -2.90	87.77 -10.04 -2.15	89.04 -9.89 -2.89	90.02 -9.41 -3.39	90.07 -9.81 -3.73	86.11 -10.06 -0.32	85.91 -9.95 -0.20	57.92 -6.01 -3.26	59.77 -5.30 -4.15	61.32 -4.68 -5.27
DUNKIRK___2 23564	65.80 -3.06 -5.04	61.66 -3.29 -3.97	62.63 -3.29 -4.99	62.06 -3.29 -4.43	61.87 -3.65 -4.66	61.11 -3.77 -4.02	61.56 -4.68 -5.51	60.64 -5.03 -5.02	84.29 -8.95 0.01	86.77 -8.90 -0.01	89.64 -8.91 -2.79	89.87 -8.73 -2.66	89.91 -9.20 -3.26	89.57 -9.29 -3.10	89.07 -9.68 -2.90	87.77 -10.04 -2.15	89.04 -9.89 -2.89	90.02 -9.41 -3.39	90.07 -9.81 -3.73	86.11 -10.06 -0.32	85.91 -9.95 -0.20	57.92 -6.01 -3.26	59.77 -5.30 -4.15	61.32 -4.68 -5.27
DUNKIRK___3 23565	65.39 -3.45 -5.02	61.34 -3.60 -3.95	62.30 -3.59 -4.97	61.68 -3.66 -4.41	61.55 -3.96 -4.64	60.79 -4.08 -4.00	61.18 -5.04 -5.49	60.26 -5.40 -5.00	83.83 -9.42 0.01	86.29 -9.37 -0.01	89.15 -9.38 -2.78	89.38 -9.21 -2.65	89.52 -9.59 -3.25	89.17 -9.67 -3.08	88.77 -9.97 -2.88	87.47 -10.33 -2.15	88.75 -10.18 -2.88	89.72 -9.70 -3.38	89.82 -10.09 -3.78	85.95 -10.26 -0.36	85.74 -10.14 -0.23	57.78 -6.19 -3.30	59.57 -5.48 -4.13	61.11 -4.86 -5.25
DUNKIRK___4 23566	65.39 -3.45 -5.02	61.34 -3.60 -3.95	62.30 -3.59 -4.97	61.68 -3.66 -4.41	61.55 -3.96 -4.64	60.79 -4.08 -4.00	61.18 -5.04 -5.49	60.26 -5.40 -5.00	83.83 -9.42 0.01	86.29 -9.37 -0.01	89.15 -9.38 -2.78	89.38 -9.21 -2.65	89.52 -9.59 -3.25	89.17 -9.67 -3.08	88.77 -9.97 -2.88	87.47 -10.33 -2.15	88.75 -10.18 -2.88	89.72 -9.70 -3.38	89.82 -10.09 -3.78	85.95 -10.26 -0.36	85.74 -10.14 -0.23	57.78 -6.19 -3.30	59.57 -5.48 -4.13	61.11 -4.86 -5.25
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	94.13 4.02 -26.28	85.60 3.90 -20.71	90.69 3.72 -26.06	87.76 3.72 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.69 3.82 -26.22	99.27 5.97 -0.05	108.00 6.22 -6.12	116.27 6.22 -14.28	116.27 6.33 -13.98	119.53 6.52 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.65 6.50 -11.49	119.80 6.82 -16.93	120.39 6.92 -17.43	149.46 6.92 -46.40	120.12 6.81 -17.46	116.25 6.60 -13.99	105.04 4.31 -40.07	87.02 4.45 -21.65	92.15 3.95 -27.48
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	92.87 3.57 -25.47	84.53 3.48 -20.07	89.46 3.29 -25.25	86.68 3.35 -22.40	87.76 3.35 -23.55	84.47 3.29 -20.32	91.88 3.28 -27.87	89.46 3.40 -25.41	98.52 5.22 -0.05	107.24 5.45 -6.14	115.14 5.36 -14.01	115.15 5.47 -13.73	118.35 5.66 -16.84	116.06 5.55 -14.75	115.22 5.56 -13.81	112.56 5.64 -11.26	118.45 5.86 -16.54	119.07 5.95 -17.07	147.16 6.06 -44.97	118.60 5.75 -17.00	114.96 5.74 -13.56	103.20 3.70 -38.83	85.74 3.84 -20.98	90.76 3.40 -26.63

E179THST_138_KV_TB4_REV_LBMP_J 345001	94.39 4.28 -26.29	85.79 4.09 -20.72	90.82 3.84 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.00 6.22 -6.13	116.17 6.13 -14.28	116.27 6.33 -13.99	119.63 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.75 6.60 -11.49	119.89 6.92 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.29 4.55 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
E179THST_13_KV_LOAD 356214	94.65 4.53 -26.29	86.04 4.33 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.60 3.77 -20.97	93.31 3.83 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.65 6.61 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.94 7.00 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	120.97 7.49 -17.43	150.14 7.60 -46.40	120.79 7.48 -17.46	116.92 7.27 -13.99	105.53 4.79 -40.07	87.51 4.93 -21.66	92.65 4.43 -27.49
EAST HAMPTON___GT 23717	135.80 6.07 -65.91	121.01 5.67 -54.35	114.15 5.42 -47.81	112.35 5.42 -46.01	90.45 5.29 -24.30	95.00 5.29 -28.85	94.46 4.98 -28.75	99.81 5.34 -33.82	126.39 9.04 -24.09	146.16 9.56 -40.94	152.98 8.62 -48.60	153.21 9.02 -48.25	152.10 8.81 -47.43	150.00 8.80 -45.44	148.88 8.72 -44.31	152.11 8.99 -47.46	149.91 8.93 -44.93	153.93 9.13 -48.76	256.04 9.03 -150.86	148.88 8.44 -44.59	146.54 8.13 -42.76	144.04 5.28 -78.09	117.75 5.18 -51.66	93.42 5.22 -27.47
EAST RIVER___6 23660	94.06 3.96 -26.28	85.54 3.84 -20.71	90.57 3.59 -26.06	87.63 3.59 -23.12	88.69 3.53 -24.30	85.36 3.53 -20.97	92.94 3.46 -28.76	90.63 3.76 -26.22	99.18 5.88 -0.05	107.91 6.13 -6.12	116.18 6.13 -14.28	116.26 6.33 -13.98	119.62 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.84 6.69 -11.49	120.18 7.21 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.46	116.34 6.69 -13.99	105.11 4.37 -40.07	87.08 4.51 -21.65	92.15 3.94 -27.48
EAST RIVER___7 23524	94.06 3.96 -26.28	85.54 3.84 -20.71	90.57 3.59 -26.06	87.63 3.59 -23.12	88.69 3.53 -24.30	85.36 3.53 -20.97	92.94 3.46 -28.76	90.63 3.76 -26.22	99.18 5.88 -0.05	107.91 6.13 -6.12	116.18 6.13 -14.28	116.26 6.33 -13.98	119.62 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.84 6.69 -11.49	120.18 7.21 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.46	116.34 6.69 -13.99	105.11 4.37 -40.07	87.08 4.51 -21.65	92.15 3.94 -27.48
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	93.94 3.89 -26.22	85.43 3.78 -20.66	90.52 3.59 -26.00	87.59 3.59 -23.07	88.70 3.59 -24.25	85.38 3.59 -20.92	92.95 3.52 -28.70	90.52 3.70 -26.16	98.99 5.69 -0.05	107.70 5.93 -6.11	115.95 5.94 -14.26	115.95 6.04 -13.96	119.21 6.23 -17.12	116.91 6.13 -15.02	116.14 6.23 -14.06	113.44 6.31 -11.47	119.47 6.53 -16.90	120.07 6.63 -17.40	149.17 6.73 -46.30	119.79 6.52 -17.42	116.03 6.41 -13.96	104.84 4.19 -39.99	86.79 4.26 -21.60	91.91 3.77 -27.42
EAST_HAMPTON___DIESEL 23722	135.67 5.94 -65.91	120.89 5.55 -54.35	113.97 5.24 -47.81	112.23 5.30 -46.01	90.33 5.17 -24.30	94.88 5.17 -28.85	94.34 4.86 -28.75	99.62 5.15 -33.82	126.21 8.86 -24.09	145.97 9.38 -40.94	152.79 8.43 -48.60	153.02 8.82 -48.25	151.82 8.53 -47.43	149.71 8.52 -45.44	148.69 8.53 -44.31	151.91 8.79 -47.46	149.62 8.65 -44.93	153.63 8.83 -48.76	255.84 8.84 -150.87	148.59 8.14 -44.59	146.26 7.85 -42.76	143.91 5.15 -78.09	117.57 5.00 -51.66	93.30 5.10 -27.47
EAST_POINT___SOLAR 323840	105.93 5.94 -36.16	94.91 5.43 -28.50	102.14 5.36 -35.86	98.03 5.30 -31.81	99.54 5.23 -33.44	95.01 5.29 -28.85	105.52 5.22 -39.57	102.07 5.34 -36.08	101.75 8.30 -0.19	167.17 8.42 -63.09	168.40 8.80 -63.84	169.33 8.73 -64.65	184.17 8.92 -79.40	166.94 8.71 -62.47	162.76 8.44 -58.47	152.22 8.79 -47.77	162.84 9.60 -57.19	174.09 10.08 -67.97	169.90 9.90 -63.85	150.28 9.49 -44.93	125.24 9.09 -20.49	121.27 5.46 -55.14	96.14 5.42 -29.79	103.64 5.10 -37.82
EAST_PULASKI___ESR 323781	67.18 0.83 -2.53	63.66 0.67 -2.00	63.86 0.43 -2.51	63.64 0.49 -2.23	63.51 0.31 -2.34	63.13 0.24 -2.02	63.68 0.18 -2.77	63.43 0.24 -2.53	93.16 -0.09 0.00	95.65 0.00 0.00	96.14 0.38 0.00	96.53 0.58 0.00	96.05 0.19 0.00	95.95 0.19 0.00	96.05 0.19 0.00	95.49 0.00 0.16	96.79 0.29 -0.45	96.49 0.29 -0.15	101.00 0.39 -4.47	97.10 0.29 -0.96	96.86 -0.10 -1.31	64.65 0.12 -3.86	63.31 0.31 -2.09	63.68 0.31 -2.65
EAST_RIVER___1 323558	94.25 4.15 -26.28	85.72 4.02 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.94 3.77 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.89 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.12	116.36 6.32 -14.28	116.36 6.43 -13.98	119.72 6.71 -17.16	117.41 6.60 -15.05	116.55 6.61 -14.09	113.94 6.79 -11.49	120.08 7.11 -16.93	120.68 7.21 -17.43	149.84 7.30 -46.40	120.40 7.09 -17.46	116.54 6.89 -13.99	105.29 4.55 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48
EAST_RIVER___2 323559	94.06 3.96 -26.28	85.54 3.84 -20.71	90.57 3.59 -26.06	87.63 3.59 -23.12	88.69 3.53 -24.30	85.36 3.53 -20.97	92.94 3.46 -28.76	90.63 3.76 -26.22	99.18 5.88 -0.05	107.91 6.13 -6.12	116.18 6.13 -14.28	116.26 6.33 -13.98	119.62 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.84 6.69 -11.49	120.18 7.21 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.46	116.34 6.69 -13.99	105.11 4.37 -40.07	87.08 4.51 -21.65	92.15 3.94 -27.48
EAST___DELAWARE_HYD 23607	91.53 3.70 -24.00	83.56 3.66 -18.91	88.19 3.47 -23.80	85.57 3.53 -21.11	86.52 3.47 -22.19	83.54 3.53 -19.15	90.51 3.52 -26.26	88.18 3.58 -23.94	98.80 5.50 -0.05	107.93 5.74 -6.54	115.16 5.55 -13.85	115.01 5.47 -13.60	118.19 5.65 -16.68	115.83 5.55 -14.51	115.09 5.65 -13.59	112.48 5.74 -11.08	118.19 6.05 -16.09	119.01 6.24 -16.73	144.96 6.44 -42.38	118.13 5.95 -16.33	114.29 5.84 -12.80	101.02 3.76 -36.60	84.60 3.90 -19.77	89.34 3.52 -25.10
EIGHT_POINT___WT_PWR 323820	68.30 -1.40 -5.88	64.10 -1.52 -4.63	65.11 -1.64 -5.83	64.21 -1.89 -5.17	63.99 -2.31 -5.44	62.88 -2.68 -4.69	63.27 -3.89 -6.43	62.52 -4.01 -5.87	85.85 -7.37 0.03	89.70 -7.66 -1.70	91.59 -7.66 -3.50	92.00 -7.39 -3.44	92.51 -7.57 -4.23	91.95 -7.47 -3.66	92.56 -6.71 -3.42	91.60 -6.60 -2.55	91.70 -7.20 -2.86	91.80 -8.07 -3.82	86.72 -8.36 1.06	84.44 -8.53 2.89	84.77 -8.51 2.37	54.56 -5.28 0.83	60.77 -4.99 -4.84	62.08 -4.80 -6.15
ELBRIDGE_115KV_TB2 80188	66.26 -0.96 -3.39	62.69 -0.98 -2.67	63.13 -1.16 -3.36	62.81 -1.10 -2.98	62.78 -1.22 -3.14	62.41 -1.16 -2.71	63.10 -1.34 -3.71	62.71 -1.33 -3.38	90.56 -2.70 -0.01	92.99 -2.68 -0.02	95.00 -2.59 -1.82	95.38 -2.30 -1.74	95.40 -2.59 -2.13	95.20 -2.59 -2.02	95.16 -2.59 -1.89	94.14 -2.87 -1.36	95.70 -2.59 -2.25	95.79 -2.59 -2.33	99.63 -2.50 -5.99	95.46 -2.68 -2.29	94.59 -2.87 -1.81	64.32 -1.52 -5.17	62.38 -1.34 -2.80	63.00 -1.28 -3.55
ELEC_TRO_TEK 24086	134.65 4.91 -65.91	120.03 4.70 -54.35	113.24 4.51 -47.81	111.44 4.51 -46.01	89.66 4.50 -24.30	94.15 4.44 -28.85	93.85 4.37 -28.75	99.02 4.55 -33.82	124.43 7.09 -24.09	143.96 7.37 -40.94	151.83 7.47 -48.60	151.73 7.58 -48.20	151.05 7.76 -47.43	148.85 7.66 -45.43	147.83 7.67 -44.31	150.83 7.75 -47.42	148.91 7.97 -44.89	152.84 8.16 -48.64	165.69 8.17 -61.38	148.36 7.96 -44.55	146.25 7.84 -42.76	143.86 5.10 -78.09	117.76 5.18 -51.66	92.87 4.68 -27.47

ELLENBURG_WT_PWR 323604	63.06 -0.76 0.00	60.26 -0.73 0.00	60.25 -0.67 0.00	60.13 -0.79 0.00	60.07 -0.79 0.00	60.07 -0.79 0.00	59.75 -0.97 0.00	59.62 -1.03 0.00	91.58 -1.68 0.00	93.74 -1.91 0.00	93.56 -2.20 0.00	93.45 -2.50 0.00	93.46 -2.39 0.00	93.37 -2.39 0.00	93.27 -2.58 0.00	93.35 -2.30 0.01	93.55 -2.50 0.00	93.65 -2.40 0.00	93.93 -2.21 0.00	94.22 -1.63 0.00	94.60 -1.05 0.00	59.94 -0.73 0.00	59.70 -1.22 0.00	59.57 -1.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	64.79 -3.83 -4.80	60.80 -3.96 -3.78	61.72 -3.96 -4.76	61.12 -4.02 -4.22	60.98 -4.32 -4.44	60.25 -4.44 -3.83	60.51 -5.47 -5.25	59.56 -5.88 -4.79	82.52 -10.72 0.01	84.95 -10.71 -0.01	87.68 -10.73 -2.65	87.92 -10.55 -2.52	87.83 -11.12 -3.10	87.59 -11.11 -2.94	87.29 -11.31 -2.75	85.73 -11.96 -2.03	87.28 -11.53 -2.77	87.94 -11.33 -3.22	88.45 -11.44 -3.75	84.39 -11.89 -0.42	84.27 -11.67 -0.29	57.27 -6.67 -3.28	59.15 -5.73 -3.95	60.76 -4.98 -5.02
EMPIRE_CC_1 323656	97.89 3.13 -30.93	88.35 2.99 -24.38	94.52 2.92 -30.67	91.06 2.92 -27.21	92.39 2.92 -28.61	88.46 2.92 -24.68	97.43 2.85 -33.85	94.31 2.79 -30.86	97.63 4.29 -0.08	117.07 4.50 -16.92	125.13 4.41 -24.96	125.27 4.51 -24.81	130.81 4.51 -30.45	125.73 4.50 -25.47	124.20 4.51 -23.84	119.62 4.50 -19.47	126.78 4.52 -26.22	129.24 4.52 -28.68	155.28 4.52 -54.62	124.79 4.51 -24.43	116.85 4.50 -16.70	110.75 2.91 -47.17	89.45 3.04 -25.49	95.93 2.85 -32.35
EMPIRE_CC_2 323658	97.89 3.13 -30.93	88.35 2.99 -24.38	94.52 2.92 -30.67	91.06 2.92 -27.21	92.39 2.92 -28.61	88.46 2.92 -24.68	97.43 2.85 -33.85	94.31 2.79 -30.86	97.63 4.29 -0.08	117.07 4.50 -16.92	125.13 4.41 -24.96	125.27 4.51 -24.81	130.81 4.51 -30.45	125.73 4.50 -25.47	124.20 4.51 -23.84	119.62 4.50 -19.47	126.78 4.52 -26.22	129.24 4.52 -28.68	155.28 4.52 -54.62	124.79 4.51 -24.43	116.85 4.50 -16.70	110.75 2.91 -47.17	89.45 3.04 -25.49	95.93 2.85 -32.35
ENORWICH_115KV_TB1 80156	77.07 4.79 -8.46	72.11 4.45 -6.67	73.51 4.20 -8.39	72.38 4.02 -7.44	72.34 3.65 -7.82	71.26 3.65 -6.75	73.69 3.70 -9.26	72.73 3.64 -8.44	98.44 5.13 -0.05	105.05 5.17 -4.23	108.46 5.75 -6.95	108.68 5.85 -6.88	109.95 5.66 -8.44	108.76 5.84 -7.16	108.40 5.85 -6.70	106.71 5.64 -5.41	110.45 6.34 -8.06	111.25 6.92 -8.29	124.44 6.15 -22.15	113.04 6.04 -11.15	108.96 5.26 -8.05	82.77 3.03 -19.07	70.75 2.86 -6.97	72.55 2.98 -8.85
ERIE_ST__34_KV_TB1-2 80199	64.43 -4.34 -4.95	60.37 -4.51 -3.90	61.32 -4.51 -4.91	60.77 -4.51 -4.35	60.63 -4.81 -4.58	59.82 -4.99 -3.95	60.25 -5.89 -5.42	59.28 -6.31 -4.94	83.73 -9.51 0.01	86.19 -9.47 -0.01	89.11 -9.38 -2.73	89.15 -9.40 -2.61	89.85 -9.20 -3.20	89.70 -9.10 -3.04	89.21 -9.49 -2.84	88.87 -8.90 -2.11	89.58 -9.32 -2.85	91.02 -8.36 -3.33	90.81 -9.13 -3.80	87.53 -8.72 -0.40	87.31 -8.61 -0.27	57.56 -6.43 -3.32	58.91 -6.09 -4.08	60.44 -5.47 -5.17
ERIE_WT_PWR 323693	64.95 -3.77 -4.90	60.94 -3.90 -3.86	61.88 -3.90 -4.85	61.33 -3.90 -4.31	61.19 -4.20 -4.53	60.39 -4.38 -3.91	60.74 -5.34 -5.36	59.78 -5.76 -4.88	83.08 -10.16 0.01	85.33 -10.33 -0.01	88.12 -10.34 -2.70	88.45 -10.07 -2.58	88.57 -10.45 -3.16	88.33 -10.44 -3.00	87.93 -10.73 -2.81	86.74 -11.00 -2.08	88.01 -10.85 -2.82	88.87 -10.47 -3.29	89.22 -10.67 -3.75	85.12 -11.12 -0.39	85.01 -10.91 -0.26	57.45 -6.49 -3.28	59.29 -5.66 -4.03	60.81 -5.04 -5.12
ESPRGFLD_115KV_TB1 80157	67.33 3.51 0.00	64.22 3.23 0.00	64.09 3.17 0.00	64.03 3.11 0.00	63.91 3.04 0.00	63.97 3.10 0.00	63.82 3.10 0.00	63.81 3.15 0.00	98.25 4.85 -0.14	145.86 4.97 -45.23	148.07 5.27 -47.04	148.79 5.28 -47.56	159.53 5.27 -58.41	147.13 5.17 -46.20	144.17 5.08 -43.24	136.13 5.17 -35.31	139.20 5.67 -37.49	150.75 6.05 -48.66	102.00 5.86 0.00	124.64 5.66 -23.13	102.29 5.26 -1.37	63.82 3.15 0.00	64.09 3.17 0.00	63.64 2.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	71.06 0.96 -6.27	66.79 0.85 -4.94	67.81 0.67 -6.22	67.11 0.67 -5.52	67.15 0.49 -5.80	66.42 0.55 -5.01	68.02 0.43 -6.87	67.34 0.42 -6.26	93.34 0.00 -0.08	97.77 0.00 -2.11	100.00 0.19 -4.05	100.41 0.48 -3.98	101.01 0.29 -4.87	100.16 0.19 -4.21	100.09 0.29 -3.95	98.96 0.10 -3.21	102.89 0.48 -6.36	102.13 0.67 -5.42	125.72 0.67 -28.91	111.63 0.48 -15.29	107.89 0.29 -11.95	85.74 0.24 -24.83	66.40 0.30 -5.17	67.59 0.30 -6.56
ETNA____115KV_TB2 80207	71.06 0.96 -6.27	66.79 0.85 -4.94	67.81 0.67 -6.22	67.11 0.67 -5.52	67.15 0.49 -5.80	66.42 0.55 -5.01	68.02 0.43 -6.87	67.34 0.42 -6.26	93.34 0.00 -0.08	97.77 0.00 -2.11	100.00 0.19 -4.05	100.41 0.48 -3.98	101.01 0.29 -4.87	100.16 0.19 -4.21	100.09 0.29 -3.95	98.96 0.10 -3.21	102.89 0.48 -6.36	102.13 0.67 -5.42	125.72 0.67 -28.91	111.63 0.48 -15.29	107.89 0.29 -11.95	85.74 0.24 -24.83	66.40 0.30 -5.17	67.59 0.30 -6.56
EUCLID____115KV_TB2 356179	65.24 -1.40 -2.82	61.75 -1.46 -2.22	62.13 -1.58 -2.80	61.88 -1.52 -2.48	61.83 -1.64 -2.61	61.53 -1.58 -2.25	62.11 -1.70 -3.09	61.71 -1.76 -2.81	89.90 -3.36 0.00	92.31 -3.35 0.00	92.60 -3.16 0.00	92.97 -2.97 0.00	92.69 -3.16 0.00	92.50 -3.26 0.00	92.60 -3.26 0.00	91.93 -3.54 0.19	93.29 -3.27 -0.51	92.95 -3.27 -0.17	97.95 -3.17 -4.98	93.56 -3.35 -1.06	93.57 -3.54 -1.45	63.08 -1.88 -4.30	61.54 -1.71 -2.32	61.97 -1.70 -2.95
E_CANADA_CAP_HY 24051	106.06 4.66 -37.58	94.93 4.33 -29.61	102.44 4.26 -37.26	98.18 4.20 -33.06	99.69 4.08 -34.75	95.04 4.20 -29.98	105.98 4.13 -41.12	102.32 4.18 -37.49	99.87 6.43 -0.18	160.90 6.60 -58.65	162.32 6.90 -59.66	163.35 7.00 -60.40	177.02 6.99 -74.17	161.08 6.90 -58.42	157.24 6.71 -54.68	147.40 7.08 -44.67	157.89 7.69 -54.16	167.90 8.07 -63.79	170.37 7.89 -66.35	146.86 7.57 -43.44	123.93 7.18 -21.10	122.27 4.31 -57.30	96.21 4.33 -30.96	104.03 4.01 -39.30
E_CANADA_MHWK_HY 24050	64.46 0.64 0.00	61.47 0.49 0.00	61.35 0.43 0.00	61.35 0.43 0.00	61.29 0.43 0.00	61.29 0.43 0.00	61.21 0.48 0.00	61.20 0.54 0.00	94.09 0.84 0.00	96.61 0.96 0.00	96.81 1.06 0.00	97.10 1.16 0.00	97.10 1.24 0.00	97.00 1.24 0.00	97.10 1.24 0.00	96.88 1.24 0.02	97.10 1.06 0.00	97.29 1.25 0.00	97.48 1.35 0.00	97.29 1.44 0.00	96.71 1.05 0.00	61.27 0.61 0.00	61.53 0.61 0.00	61.27 0.55 0.00
E_FISHKILL____LBMP 23776	94.28 3.64 -26.82	85.60 3.48 -21.13	90.86 3.35 -26.59	87.87 3.35 -23.59	89.01 3.35 -24.80	85.61 3.35 -21.40	93.35 3.28 -29.35	90.81 3.40 -26.75	98.53 5.22 -0.05	107.34 5.45 -6.23	115.77 5.46 -14.56	115.76 5.57 -14.25	118.99 5.66 -17.48	116.75 5.65 -15.34	115.87 5.66 -14.36	113.11 5.74 -11.71	119.26 5.95 -17.26	119.77 5.95 -17.77	149.55 6.06 -47.35	119.51 5.85 -17.80	115.77 5.83 -14.28	105.32 3.76 -40.89	86.92 3.90 -22.10	92.23 3.46 -28.05
FALCON____SEABRD_CC1 323796	64.02 0.19 0.00	61.23 0.24 0.00	61.23 0.31 0.00	61.04 0.12 0.00	60.98 0.12 0.00	60.98 0.12 0.00	60.30 -0.42 0.00	60.17 -0.49 0.00	92.23 -1.02 0.00	94.32 -1.34 0.00	94.22 -1.54 0.00	94.12 -1.83 0.00	94.13 -1.72 0.00	93.84 -1.91 0.00	93.84 -2.02 0.00	93.93 -1.72 0.01	94.02 -2.02 0.00	94.22 -1.83 0.00	94.60 -1.54 0.00	94.80 -1.05 0.00	95.27 -0.38 0.00	60.42 -0.24 0.00	60.19 -0.73 0.00	60.42 -0.30 0.00

FALCON___SEABRD_CC2 323797	64.02 0.19 0.00	61.23 0.24 0.00	61.23 0.31 0.00	61.04 0.12 0.00	60.98 0.12 0.00	60.98 0.12 0.00	60.30 -0.42 0.00	60.17 -0.49 0.00	92.23 -1.02 0.00	94.32 -1.34 0.00	94.22 -1.54 0.00	94.12 -1.83 0.00	94.13 -1.72 0.00	93.84 -1.91 0.00	93.84 -2.02 0.00	93.93 -1.72 0.01	94.02 -2.02 0.00	94.22 -1.83 0.00	94.60 -1.54 0.00	94.80 -1.05 0.00	95.27 -0.38 0.00	60.42 -0.24 0.00	60.19 -0.73 0.00	60.42 -0.30 0.00
FAR ROCKAWAY___4 23548	135.41 5.68 -65.91	120.76 5.43 -54.35	113.97 5.24 -47.81	112.17 5.24 -46.01	90.33 5.17 -24.30	94.88 5.17 -28.85	94.52 5.04 -28.75	99.75 5.28 -33.82	125.55 8.21 -24.09	145.20 8.61 -40.94	153.27 8.91 -48.60	153.17 9.02 -48.20	152.58 9.30 -47.43	150.29 9.10 -45.43	149.27 9.11 -44.31	152.26 9.18 -47.42	150.25 9.32 -44.89	154.19 9.51 -48.64	167.14 9.61 -61.38	149.80 9.39 -44.55	147.59 9.18 -42.76	144.71 5.95 -78.09	118.55 5.97 -51.66	93.60 5.40 -27.47
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	94.32 4.21 -26.28	85.72 4.03 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.81 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.12	116.46 6.42 -14.28	116.46 6.52 -13.98	119.82 6.81 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.08 7.11 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.29 4.55 -40.07	87.26 4.69 -21.65	92.34 4.13 -27.48
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	94.32 4.21 -26.28	85.78 4.09 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.81 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.12	116.46 6.42 -14.28	116.46 6.52 -13.98	119.82 6.81 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.08 7.11 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.40 7.09 -17.46	116.63 6.98 -13.99	105.35 4.61 -40.07	87.26 4.69 -21.65	92.40 4.19 -27.48
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	94.25 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.81 3.94 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.12	116.36 6.32 -14.28	116.46 6.52 -13.98	119.72 6.71 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.08 7.11 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.53 6.89 -13.99	105.29 4.55 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48
FARRAGUT___LBMP 323566	94.25 4.15 -26.28	85.66 3.96 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.75 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.12	116.36 6.32 -14.28	116.36 6.43 -13.98	119.62 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48
FENNER___WINDPWR 24204	68.68 1.34 -3.51	65.04 1.28 -2.77	65.56 1.15 -3.48	65.17 1.15 -3.09	65.14 1.03 -3.25	64.76 1.10 -2.80	65.66 1.09 -3.84	65.25 1.09 -3.50	94.68 1.40 -0.02	97.12 1.44 -0.03	99.39 1.73 -1.90	99.49 1.73 -1.81	99.70 1.63 -2.22	99.40 1.53 -2.11	99.36 1.53 -1.97	98.61 1.44 -1.52	100.36 1.63 -2.69	100.22 1.63 -2.55	107.36 1.63 -9.59	101.82 1.53 -4.44	100.50 1.34 -3.50	69.77 0.85 -8.25	64.73 0.92 -2.89	65.31 0.91 -3.67
FIBERTEK___ENERGY 23856	66.69 -0.38 -3.25	63.12 -0.43 -2.56	63.53 -0.61 -3.22	63.17 -0.61 -2.86	63.14 -0.73 -3.00	62.78 -0.67 -2.59	63.49 -0.79 -3.56	63.11 -0.79 -3.24	91.40 -1.87 -0.01	93.95 -1.72 -0.02	95.96 -1.53 -1.73	96.35 -1.25 -1.65	96.35 -1.53 -2.03	96.15 -1.53 -1.92	96.02 -1.63 -1.80	95.03 -1.91 -1.28	96.65 -1.54 -2.14	96.73 -1.54 -2.22	100.34 -1.54 -5.74	96.41 -1.63 -2.19	95.57 -1.82 -1.73	64.71 -0.91 -4.95	62.81 -0.79 -2.68	63.39 -0.73 -3.40
FITZPATRICK____ 23598	63.58 -2.30 -2.05	60.35 -2.26 -1.62	60.58 -2.38 -2.04	60.41 -2.31 -1.81	60.39 -2.37 -1.90	60.19 -2.31 -1.64	60.54 -2.43 -2.25	60.28 -2.43 -2.05	88.87 -4.38 0.00	91.26 -4.40 0.00	91.36 -4.40 0.00	91.73 -4.22 0.00	91.45 -4.41 0.00	91.26 -4.50 0.00	91.45 -4.41 0.00	90.79 -4.59 0.27	92.00 -4.42 -0.37	91.66 -4.51 -0.12	95.44 -4.32 -3.63	92.13 -4.50 -0.78	92.12 -4.59 -1.06	61.19 -2.61 -3.13	60.18 -2.44 -1.69	60.44 -2.43 -2.15
FLOWRFLD_69_KV_BK1 356044	136.11 6.38 -65.91	121.31 5.98 -54.35	114.52 5.79 -47.81	112.72 5.79 -46.01	90.88 5.72 -24.30	95.43 5.72 -28.85	94.94 5.47 -28.75	100.17 5.70 -33.82	126.39 9.05 -24.09	145.87 9.28 -40.94	153.46 9.10 -48.60	153.51 9.31 -48.25	152.68 9.39 -47.43	150.58 9.38 -45.43	149.65 9.49 -44.31	152.69 9.57 -47.47	150.87 9.89 -44.94	154.71 9.89 -48.78	270.78 9.90 -164.74	150.32 9.87 -44.59	148.07 9.66 -42.76	145.01 6.25 -78.09	118.98 6.40 -51.66	93.97 5.77 -27.47
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	94.48 4.28 -26.38	85.92 4.15 -20.79	91.04 3.96 -26.16	88.15 4.02 -23.21	89.27 4.02 -24.39	85.93 4.02 -21.05	93.54 3.95 -28.87	91.04 4.06 -26.32	99.65 6.34 -0.05	108.59 6.60 -6.34	116.77 6.51 -14.50	116.67 6.52 -14.20	120.08 6.81 -17.42	117.72 6.70 -15.26	116.84 6.71 -14.28	114.10 6.79 -11.65	120.08 6.92 -17.12	120.71 7.01 -17.66	149.93 7.21 -46.58	120.26 6.81 -17.60	116.50 6.79 -14.05	105.26 4.37 -40.22	87.16 4.51 -21.73	92.38 4.07 -27.59
FORT ORANGE____ 23900	98.84 3.13 -31.89	89.04 2.93 -25.13	95.46 2.92 -31.62	91.90 2.92 -28.05	93.21 2.86 -29.49	89.17 2.86 -25.44	98.42 2.79 -34.90	94.77 2.30 -31.81	97.01 3.63 -0.12	131.26 3.44 -32.17	137.32 3.44 -38.12	137.58 3.36 -38.27	146.20 3.35 -46.99	137.24 3.44 -38.04	135.01 3.55 -35.61	128.18 3.44 -29.09	135.71 3.07 -36.60	141.10 3.07 -41.98	155.32 2.88 -56.30	130.10 3.16 -31.09	116.57 3.35 -17.56	111.41 2.12 -48.62	89.45 2.26 -26.27	96.38 2.31 -33.35
FORT_DRUM_COGEN 23780	68.02 2.49 -1.70	64.59 2.26 -1.34	64.68 2.07 -1.69	64.43 2.01 -1.50	64.20 1.76 -1.57	63.99 1.76 -1.36	64.53 1.94 -1.86	64.48 2.12 -1.70	95.87 2.61 0.00	98.24 2.58 0.00	98.82 3.06 0.00	98.64 2.69 0.00	98.35 2.49 0.00	98.34 2.59 0.00	98.35 2.49 0.00	98.23 2.68 0.11	99.23 2.88 -0.31	99.60 3.46 -0.10	102.51 3.36 -3.01	100.04 3.55 -0.64	99.50 2.97 -0.88	65.26 2.00 -2.60	64.15 1.83 -1.40	64.39 1.88 -1.78
FOX_HILLS___ESR 323835	100.54 4.72 -31.99	99.61 4.57 -34.05	99.61 4.33 -34.36	88.00 3.90 -23.18	89.06 3.83 -24.36	85.66 3.77 -21.02	99.49 4.13 -34.63	99.48 4.37 -34.46	102.82 6.71 -2.85	108.38 6.60 -6.13	116.36 6.32 -14.28	116.46 6.52 -13.99	119.82 6.81 -17.16	117.42 6.61 -15.05	116.75 6.81 -14.09	113.94 6.79 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.23 7.69 -46.40	120.79 7.48 -17.46	116.92 7.27 -13.99	105.65 4.85 -40.13	103.19 5.06 -37.21	101.36 4.55 -36.08
FPL FAR_ROCK_GT1 24212	135.41 5.68 -65.91	120.76 5.43 -54.35	113.97 5.24 -47.81	112.17 5.24 -46.01	90.33 5.17 -24.30	94.88 5.17 -28.85	94.51 5.04 -28.75	99.75 5.27 -33.82	125.45 8.11 -24.09	145.20 8.61 -40.94	153.17 8.80 -48.61	153.18 9.02 -48.21	152.50 9.20 -47.44	150.30 9.10 -45.44	149.28 9.11 -44.31	152.18 9.09 -47.43	150.36 9.42 -44.90	154.20 9.51 -48.64	167.23 9.71 -61.39	149.81 9.40 -44.55	147.60 9.18 -42.76	144.71 5.95 -78.09	118.55 5.97 -51.66	93.60 5.40 -27.47

FPL_FAR_ROCK_GT2 23815	135.41 5.68 -65.91	120.76 5.43 -54.35	113.97 5.24 -47.81	112.17 5.24 -46.01	90.33 5.17 -24.30	94.88 5.17 -28.85	94.51 5.04 -28.75	99.75 5.27 -33.82	125.45 8.11 -24.09	145.20 8.61 -40.94	153.17 8.80 -48.61	153.18 9.02 -48.21	152.50 9.20 -47.44	150.30 9.10 -45.44	149.28 9.11 -44.31	152.18 9.09 -47.43	150.36 9.42 -44.90	154.20 9.51 -48.64	167.23 9.71 -61.39	149.81 9.40 -44.55	147.60 9.18 -42.76	144.71 5.95 -78.09	118.55 5.97 -51.66	93.60 5.40 -27.47
FRANKLIN_FALL_HYD 24054	64.27 0.45 0.00	61.48 0.49 0.00	61.47 0.55 0.00	61.23 0.30 0.00	61.17 0.30 0.00	61.29 0.43 0.00	61.09 0.36 0.00	61.08 0.42 0.00	93.35 0.09 0.00	95.56 -0.10 0.00	95.47 -0.29 0.00	95.37 -0.58 0.00	95.38 -0.48 0.00	95.09 -0.67 0.00	95.09 -0.77 0.00	95.16 -0.48 0.02	95.18 -0.86 0.00	95.18 -0.86 0.00	95.56 -0.58 0.00	95.66 -0.19 0.00	96.32 0.67 0.00	61.27 0.61 0.00	60.98 0.06 0.00	60.79 0.06 0.00
FREEPORT_EQUUS_GT1 23764	135.09 5.36 -65.91	120.46 5.12 -54.35	113.60 4.88 -47.81	111.86 4.93 -46.01	90.03 4.87 -24.30	94.58 4.87 -28.85	94.15 4.68 -28.75	99.45 4.97 -33.82	124.99 7.65 -24.09	144.63 8.04 -40.94	152.50 8.13 -48.60	152.41 8.25 -48.21	151.73 8.44 -47.43	149.52 8.33 -45.44	148.60 8.44 -44.31	151.59 8.51 -47.43	149.68 8.74 -44.89	153.62 8.93 -48.64	166.47 8.94 -61.38	149.13 8.72 -44.55	147.02 8.61 -42.76	144.34 5.58 -78.09	118.18 5.60 -51.66	93.24 5.04 -27.47
FREEPORT___CT2 23818	135.09 5.36 -65.91	120.46 5.12 -54.35	113.60 4.88 -47.81	111.86 4.93 -46.01	90.03 4.87 -24.30	94.58 4.87 -28.85	94.15 4.68 -28.75	99.45 4.97 -33.82	124.99 7.65 -24.09	144.63 8.04 -40.94	152.50 8.13 -48.60	152.41 8.25 -48.21	151.73 8.44 -47.43	149.52 8.33 -45.44	148.60 8.44 -44.31	151.59 8.51 -47.43	149.68 8.74 -44.89	153.62 8.93 -48.64	166.47 8.94 -61.38	149.13 8.72 -44.55	147.02 8.61 -42.76	144.34 5.58 -78.09	118.18 5.60 -51.66	93.24 5.04 -27.47
FRESHKLS_33_KV_LOAD 356253	100.47 4.66 -31.99	99.61 4.57 -34.05	99.61 4.33 -34.36	87.94 3.84 -23.18	88.93 3.71 -24.36	85.54 3.65 -21.02	99.49 4.13 -34.63	99.42 4.31 -34.46	102.73 6.62 -2.85	108.09 6.31 -6.13	116.08 6.03 -14.28	116.08 6.14 -13.99	119.53 6.52 -17.16	117.13 6.32 -15.05	116.36 6.42 -14.09	113.65 6.50 -11.49	120.09 7.11 -16.93	120.78 7.30 -17.43	149.95 7.40 -46.40	120.50 7.19 -17.46	116.73 7.08 -13.99	105.53 4.73 -40.13	103.13 5.00 -37.21	101.36 4.55 -36.08
FULTON COGEN____ 23766	66.93 0.32 -2.79	63.37 0.18 -2.20	63.62 -0.06 -2.76	63.37 0.00 -2.45	63.26 -0.18 -2.58	62.96 -0.12 -2.22	63.53 -0.24 -3.05	63.19 -0.24 -2.78	92.32 -0.93 0.00	94.89 -0.77 0.00	95.28 -0.48 0.00	95.85 -0.10 0.00	95.38 -0.48 0.00	95.18 -0.57 0.00	95.28 -0.58 0.00	94.61 -0.86 0.18	95.97 -0.58 -0.50	95.64 -0.58 -0.17	100.58 -0.48 -4.92	96.33 -0.58 -1.05	96.23 -0.86 -1.44	64.55 -0.36 -4.25	63.04 -0.18 -2.30	63.46 -0.18 -2.91
FULTON___LFGE 323630	104.87 5.23 -35.81	94.02 4.82 -28.22	101.18 4.76 -35.50	97.11 4.69 -31.50	98.60 4.62 -33.11	94.12 4.69 -28.57	104.52 4.61 -39.19	101.05 4.67 -35.72	100.73 7.28 -0.20	167.33 7.47 -64.21	168.32 7.66 -64.89	169.44 7.77 -65.72	184.43 7.86 -80.71	166.91 7.66 -63.49	162.85 7.57 -59.42	152.05 7.85 -48.55	162.45 8.45 -57.95	173.80 8.74 -69.02	168.02 8.66 -63.22	149.50 8.34 -45.31	124.03 8.04 -20.34	120.12 4.86 -54.60	95.30 4.88 -29.50	102.73 4.56 -37.45
G.F.CEMENT___DRP 24184	102.31 5.36 -33.12	92.03 4.94 -26.10	98.70 4.93 -32.84	94.93 4.87 -29.14	96.30 4.81 -30.63	92.16 4.87 -26.43	101.71 4.74 -36.25	98.55 4.85 -33.04	101.20 7.74 -0.20	168.32 8.13 -64.53	169.77 8.24 -65.78	170.79 8.25 -66.58	185.87 8.24 -81.77	168.23 8.04 -64.43	164.02 7.86 -60.30	152.87 7.94 -49.27	162.54 8.26 -58.23	174.35 8.45 -69.85	162.89 8.27 -58.48	148.58 7.96 -44.77	122.39 7.75 -18.99	116.03 4.85 -50.51	93.15 4.93 -27.29	100.10 4.74 -34.64
GARDENVILLE___LBMP 24039	64.88 -3.83 -4.88	60.87 -3.96 -3.85	61.80 -3.96 -4.84	61.26 -3.96 -4.29	61.12 -4.26 -4.51	60.31 -4.44 -3.89	60.66 -5.40 -5.34	59.64 -5.88 -4.87	82.80 -10.44 0.01	85.24 -10.43 -0.01	88.02 -10.44 -2.69	88.35 -10.17 -2.57	88.37 -10.64 -3.15	88.12 -10.63 -2.99	87.82 -10.83 -2.80	86.35 -11.38 -2.08	87.71 -11.14 -2.81	88.57 -10.76 -3.28	88.89 -10.96 -3.71	84.91 -11.31 -0.37	84.80 -11.10 -0.24	57.36 -6.55 -3.24	59.22 -5.73 -4.02	60.79 -5.04 -5.10
GARDNVLA_35_KV_LD 355827	65.02 -3.70 -4.90	61.01 -3.84 -3.86	61.94 -3.84 -4.86	61.40 -3.84 -4.31	61.26 -4.14 -4.53	60.45 -4.32 -3.91	60.81 -5.28 -5.36	59.84 -5.70 -4.89	83.08 -10.16 0.01	85.52 -10.14 -0.01	88.41 -10.05 -2.71	88.65 -9.88 -2.58	88.77 -10.26 -3.17	88.52 -10.25 -3.01	88.22 -10.45 -2.81	86.84 -10.90 -2.09	88.21 -10.66 -2.82	88.97 -10.37 -3.30	89.24 -10.67 -3.77	85.32 -10.93 -0.39	85.11 -10.81 -0.26	57.53 -6.43 -3.29	59.42 -5.54 -4.04	60.93 -4.92 -5.13
GELCKHM___115KV_LOAD 80723	65.78 -1.02 -2.98	62.24 -1.10 -2.35	62.66 -1.22 -2.96	62.39 -1.16 -2.62	62.34 -1.28 -2.76	61.96 -1.28 -2.38	62.59 -1.40 -3.26	62.23 -1.40 -2.97	90.46 -2.80 0.00	92.98 -2.68 0.00	93.17 -2.59 0.00	93.65 -2.30 0.00	93.27 -2.59 0.00	93.17 -2.59 0.00	93.27 -2.59 0.00	92.60 -2.87 0.19	93.99 -2.59 -0.54	93.63 -2.59 -0.18	98.90 -2.50 -5.26	94.20 -2.78 -1.13	94.32 -2.87 -1.54	63.69 -1.52 -4.55	62.04 -1.34 -2.46	62.51 -1.34 -3.12
GENERAL___MILLS 23808	64.95 -3.77 -4.90	60.94 -3.90 -3.86	61.88 -3.90 -4.85	61.27 -3.96 -4.31	61.13 -4.26 -4.53	60.39 -4.38 -3.91	60.68 -5.40 -5.36	59.72 -5.82 -4.88	82.99 -10.26 0.01	85.43 -10.24 -0.01	88.22 -10.25 -2.70	88.55 -9.98 -2.58	88.57 -10.45 -3.16	88.42 -10.34 -3.00	88.02 -10.64 -2.81	86.74 -11.00 -2.08	88.01 -10.85 -2.82	88.87 -10.47 -3.29	89.12 -10.77 -3.75	85.22 -11.02 -0.39	85.01 -10.90 -0.26	57.45 -6.49 -3.28	59.29 -5.67 -4.03	60.87 -4.98 -5.12
GE_PLASTICS___DRP 24183	98.31 2.62 -31.87	88.54 2.44 -25.11	94.95 2.44 -31.59	91.39 2.44 -28.03	92.76 2.43 -29.47	88.72 2.43 -25.42	97.97 2.37 -34.87	94.69 2.24 -31.79	96.81 3.45 -0.10	124.77 3.54 -25.57	131.77 3.45 -32.56	131.98 3.45 -32.58	139.30 3.45 -39.99	131.95 3.45 -32.75	130.05 3.55 -30.65	124.14 3.44 -25.04	131.61 3.27 -32.30	135.72 3.27 -36.41	155.58 3.17 -56.26	127.64 3.35 -28.43	116.49 3.44 -17.40	111.44 2.18 -48.59	89.49 2.32 -26.25	96.30 2.25 -33.32
GILBOA___1 23756	91.46 2.29 -25.35	83.15 2.19 -19.97	88.37 2.31 -25.13	85.53 2.31 -22.30	86.61 2.31 -23.44	83.40 2.31 -20.22	90.64 2.18 -27.74	87.94 2.00 -25.28	96.28 2.98 -0.04	102.70 3.15 -3.89	111.01 3.16 -12.10	110.98 3.26 -11.77	113.55 3.26 -14.43	111.94 3.26 -12.92	111.21 3.26 -12.10	108.77 3.25 -9.86	114.44 3.36 -15.04	114.63 3.45 -15.13	144.35 3.46 -44.75	115.25 3.35 -16.04	112.45 3.35 -13.45	101.49 2.18 -38.65	84.06 2.26 -20.88	89.30 2.07 -26.50
GILBOA___2 23757	91.46 2.29 -25.35	83.15 2.19 -19.97	88.37 2.31 -25.13	85.53 2.31 -22.30	86.61 2.31 -23.44	83.40 2.31 -20.22	90.64 2.18 -27.74	87.94 2.00 -25.28	96.28 2.98 -0.04	102.70 3.15 -3.89	111.01 3.16 -12.10	110.98 3.26 -11.77	113.55 3.26 -14.43	111.94 3.26 -12.92	111.21 3.26 -12.10	108.77 3.25 -9.86	114.44 3.36 -15.04	114.63 3.45 -15.13	144.35 3.46 -44.75	115.25 3.35 -16.04	112.45 3.35 -13.45	101.49 2.18 -38.65	84.06 2.26 -20.88	89.30 2.07 -26.50

GILBOA___3 23758	91.46 2.29 -25.35	83.15 2.19 -19.97	88.37 2.31 -25.13	85.53 2.31 -22.30	86.61 2.31 -23.44	83.40 2.31 -20.22	90.64 2.18 -27.74	87.94 2.00 -25.28	96.28 2.98 -0.04	102.70 3.15 -3.89	111.01 3.16 -12.10	110.98 3.26 -11.77	113.55 3.26 -14.43	111.94 3.26 -12.92	111.21 3.26 -12.10	108.77 3.25 -9.86	114.44 3.36 -15.04	114.63 3.45 -15.13	144.35 3.46 -44.75	115.25 3.35 -16.04	112.45 3.35 -13.45	101.49 2.18 -38.65	84.06 2.26 -20.88	89.30 2.07 -26.50
GILBOA___4 23759	91.46 2.29 -25.35	83.15 2.19 -19.97	88.37 2.31 -25.13	85.53 2.31 -22.30	86.61 2.31 -23.44	83.40 2.31 -20.22	90.64 2.18 -27.74	87.94 2.00 -25.28	96.28 2.98 -0.04	102.70 3.15 -3.89	111.01 3.16 -12.10	110.98 3.26 -11.77	113.55 3.26 -14.43	111.94 3.26 -12.92	111.21 3.26 -12.10	108.77 3.25 -9.86	114.44 3.36 -15.04	114.63 3.45 -15.13	144.35 3.46 -44.75	115.25 3.35 -16.04	112.45 3.35 -13.45	101.49 2.18 -38.65	84.06 2.26 -20.88	89.30 2.07 -26.50
GILBOA___ 23599	91.47 2.30 -25.35	83.16 2.20 -19.97	88.37 2.32 -25.13	85.53 2.32 -22.30	86.61 2.31 -23.44	83.40 2.31 -20.22	90.65 2.19 -27.74	87.94 2.00 -25.28	96.37 3.08 -0.04	102.70 3.16 -3.89	111.02 3.16 -12.10	110.98 3.26 -11.77	113.55 3.26 -14.43	111.94 3.26 -12.92	111.21 3.26 -12.10	108.77 3.25 -9.86	114.44 3.36 -15.04	114.64 3.46 -15.13	144.35 3.46 -44.75	115.25 3.35 -16.04	112.45 3.35 -13.45	101.50 2.18 -38.65	84.06 2.25 -20.88	89.29 2.06 -26.50
GINNA___ 23603	63.36 -4.15 -3.68	59.68 -4.21 -2.90	60.25 -4.32 -3.65	59.77 -4.39 -3.24	59.83 -4.44 -3.40	59.36 -4.44 -2.94	59.84 -4.92 -4.03	59.29 -5.03 -3.67	83.93 -9.32 0.00	86.10 -9.56 -0.01	88.17 -9.58 -1.98	88.63 -9.21 -1.89	88.40 -9.78 -2.32	87.72 -10.24 -2.20	87.94 -9.97 -2.06	86.42 -10.71 -1.48	88.44 -9.80 -2.20	88.23 -10.28 -2.46	90.64 -9.52 -4.02	86.30 -10.54 -0.99	85.80 -10.62 -0.77	58.63 -5.52 -3.49	59.14 -4.81 -3.03	60.02 -4.56 -3.85
GLEN PARK___ 23778	68.53 2.94 -1.77	65.06 2.68 -1.39	65.17 2.50 -1.75	64.92 2.44 -1.55	64.68 2.19 -1.63	64.46 2.19 -1.41	65.02 2.37 -1.93	64.96 2.55 -1.76	96.52 3.26 0.00	98.91 3.25 0.00	99.49 3.73 0.00	99.40 3.45 0.00	98.92 3.07 0.00	99.02 3.26 0.00	99.01 3.16 0.00	98.89 3.35 0.11	100.01 3.65 -0.32	100.37 4.22 -0.11	103.30 4.04 -3.12	100.84 4.32 -0.67	100.20 3.63 -0.91	65.79 2.43 -2.69	64.57 2.19 -1.46	64.82 2.25 -1.85
GLENDALE_27_KV_LOAD 356172	94.84 4.72 -26.29	86.28 4.57 -20.72	91.24 4.26 -26.06	88.25 4.20 -23.12	89.24 4.08 -24.30	85.91 4.08 -20.97	93.62 4.13 -28.76	91.24 4.37 -26.22	100.20 6.90 -0.05	108.86 7.08 -6.13	117.03 6.99 -14.28	117.03 7.10 -13.99	120.39 7.38 -17.16	118.09 7.28 -15.05	117.32 7.38 -14.09	114.51 7.37 -11.49	120.76 7.78 -16.93	121.45 7.97 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.78 5.04 -40.07	88.30 5.18 -22.20	92.83 4.62 -27.49
GLENWOOD_IC_1_G5 23712	134.96 5.23 -65.91	120.34 5.00 -54.35	113.54 4.81 -47.81	111.74 4.81 -46.01	89.90 4.75 -24.30	94.45 4.75 -28.85	94.09 4.62 -28.75	99.32 4.85 -33.82	124.90 7.55 -24.09	144.53 7.94 -40.94	152.31 7.95 -48.60	152.31 8.16 -48.20	151.63 8.34 -47.43	149.33 8.14 -45.43	148.40 8.24 -44.31	151.30 8.23 -47.42	149.48 8.55 -44.89	153.32 8.64 -48.64	166.27 8.75 -61.38	148.93 8.53 -44.55	146.73 8.32 -42.76	144.16 5.40 -78.09	118.06 5.48 -51.66	93.18 4.98 -27.47
GLENWOOD_IC_2_G1 23688	134.84 5.11 -65.91	120.22 4.88 -54.35	113.42 4.69 -47.81	111.62 4.69 -46.01	89.78 4.62 -24.30	94.33 4.62 -28.85	93.97 4.49 -28.75	99.21 4.73 -33.82	124.62 7.28 -24.09	144.25 7.66 -40.94	152.12 7.75 -48.60	152.02 7.87 -48.21	151.34 8.05 -47.43	149.14 7.94 -45.44	148.11 7.95 -44.31	151.12 8.04 -47.42	149.20 8.26 -44.89	153.13 8.45 -48.64	166.08 8.55 -61.38	148.65 8.24 -44.55	146.54 8.13 -42.76	144.04 5.28 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
GLENWOOD_IC_3_G1 23689	134.84 5.11 -65.91	120.22 4.88 -54.35	113.42 4.69 -47.81	111.62 4.69 -46.01	89.78 4.62 -24.30	94.33 4.62 -28.85	93.97 4.49 -28.75	99.21 4.73 -33.82	124.62 7.28 -24.09	144.25 7.66 -40.94	152.12 7.75 -48.60	152.02 7.87 -48.21	151.34 8.05 -47.43	149.14 7.94 -45.44	148.11 7.95 -44.31	151.12 8.04 -47.42	149.20 8.26 -44.89	153.13 8.45 -48.64	166.08 8.55 -61.38	148.65 8.24 -44.55	146.54 8.13 -42.76	144.04 5.28 -78.09	117.94 5.36 -51.66	93.00 4.80 -27.47
GLENWOOD___4 23550	134.96 5.23 -65.91	120.34 5.00 -54.35	113.54 4.81 -47.81	111.74 4.81 -46.01	89.90 4.75 -24.30	94.45 4.75 -28.85	94.09 4.62 -28.75	99.32 4.85 -33.82	124.90 7.55 -24.09	144.53 7.94 -40.94	152.31 7.95 -48.60	152.31 8.16 -48.20	151.63 8.34 -47.43	149.33 8.14 -45.43	148.40 8.24 -44.31	151.30 8.23 -47.42	149.48 8.55 -44.89	153.32 8.64 -48.64	166.27 8.75 -61.38	148.93 8.53 -44.55	146.73 8.32 -42.76	144.16 5.40 -78.09	118.06 5.48 -51.66	93.18 4.98 -27.47
GLENWOOD___5 23614	134.96 5.23 -65.91	120.34 5.00 -54.35	113.54 4.81 -47.81	111.74 4.81 -46.01	89.90 4.75 -24.30	94.45 4.75 -28.85	94.09 4.62 -28.75	99.32 4.85 -33.82	124.90 7.55 -24.09	144.53 7.94 -40.94	152.31 7.95 -48.60	152.31 8.16 -48.20	151.63 8.34 -47.43	149.33 8.14 -45.43	148.40 8.24 -44.31	151.30 8.23 -47.42	149.48 8.55 -44.89	153.32 8.64 -48.64	166.27 8.75 -61.38	148.93 8.53 -44.55	146.73 8.32 -42.76	144.16 5.40 -78.09	118.06 5.48 -51.66	93.18 4.98 -27.47
GLOBAL GREEN_PORT_GT1 23814	136.37 6.64 -65.91	121.49 6.16 -54.35	114.64 5.91 -47.81	112.90 5.97 -46.01	91.00 5.84 -24.30	95.55 5.84 -28.85	95.00 5.53 -28.75	100.29 5.82 -33.82	127.04 9.70 -24.09	146.73 10.13 -40.94	153.75 9.39 -48.60	153.99 9.79 -48.25	152.87 9.58 -47.43	150.77 9.57 -45.44	149.75 9.58 -44.31	152.97 9.85 -47.46	150.87 9.89 -44.93	154.79 9.99 -48.76	256.98 10.00 -150.85	149.94 9.49 -44.59	147.59 9.18 -42.76	144.71 5.95 -78.09	118.43 5.85 -51.66	93.91 5.71 -27.47
GLOBE___DSASP 323697	63.79 -4.60 -4.56	59.94 -4.64 -3.59	60.75 -4.69 -4.52	60.24 -4.69 -4.01	60.09 -4.99 -4.21	59.45 -5.05 -3.64	59.21 -6.50 -4.99	58.10 -7.10 -4.55	79.82 -13.43 0.01	82.18 -13.49 -0.01	84.66 -13.60 -2.50	85.09 -13.24 -2.39	84.50 -14.28 -2.93	84.27 -14.27 -2.78	84.17 -14.28 -2.60	81.88 -15.69 -1.91	83.80 -14.89 -2.65	84.12 -14.98 -3.06	86.34 -13.65 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.84 -8.19 -3.36	57.91 -6.76 -3.75	59.97 -5.53 -4.77
GOETHSLN___LBMP 323567	93.61 3.70 -26.08	84.81 3.60 -20.23	90.03 3.35 -25.76	87.45 3.41 -23.12	88.51 3.35 -24.30	85.18 3.35 -20.97	92.49 3.22 -28.55	90.03 3.46 -25.92	98.62 5.41 0.05	107.42 5.64 -6.12	109.30 5.65 -7.89	109.30 5.76 -7.59	109.30 6.04 -7.40	109.30 5.94 -7.60	109.39 6.04 -7.50	107.64 6.12 -5.86	105.06 6.34 -2.68	105.34 6.43 -2.86	106.09 6.54 -3.41	105.34 6.33 -3.16	105.34 6.22 -3.47	104.86 4.13 -40.07	86.78 4.20 -21.65	91.61 3.70 -27.18
GOLAH___69_KV_TB 1_2 80279	65.61 -2.04 -3.83	61.81 -2.20 -3.02	62.41 -2.32 -3.80	61.98 -2.32 -3.37	61.91 -2.50 -3.54	61.42 -2.50 -3.06	61.76 -3.16 -4.19	60.96 -3.52 -3.82	85.79 -7.46 0.00	88.20 -7.46 -0.01	90.36 -7.47 -2.07	90.92 -7.00 -1.97	90.42 -7.86 -2.42	89.92 -8.14 -2.30	89.86 -8.15 -2.15	88.02 -9.18 -1.55	90.15 -8.16 -2.27	90.44 -8.16 -2.56	92.41 -7.69 -3.96	88.12 -8.63 -0.90	87.74 -8.61 -0.69	60.10 -4.00 -3.44	60.97 -3.11 -3.16	62.06 -2.67 -4.01

GOODYEAR_LAKE_HYD 323669	74.96 2.87 -8.27	70.19 2.68 -6.51	71.80 2.68 -8.20	70.81 2.62 -7.27	71.06 2.56 -7.64	70.01 2.56 -6.60	72.38 2.61 -9.05	71.51 2.61 -8.25	97.24 3.92 -0.07	119.60 4.11 -19.83	123.21 4.31 -23.14	123.52 4.32 -23.25	128.72 4.31 -28.55	123.03 4.21 -23.05	121.65 4.22 -21.58	117.44 4.21 -17.58	120.66 4.42 -20.19	125.53 4.71 -24.78	115.25 4.52 -14.60	115.02 4.51 -14.66	104.71 4.11 -4.95	75.82 2.55 -12.60	70.29 2.56 -6.81	71.74 2.37 -8.64
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	72.45 -0.13 -8.75	67.70 -0.18 -6.89	69.29 -0.30 -8.67	68.31 -0.30 -7.70	68.47 -0.49 -8.09	67.36 -0.49 -6.98	69.57 -0.73 -9.57	68.60 -0.79 -8.73	91.68 -1.59 -0.01	96.94 -1.53 -2.81	99.89 -1.44 -5.56	100.18 -1.25 -5.47	101.23 -1.34 -6.72	100.22 -1.34 -5.81	99.95 -1.34 -5.43	98.52 -1.43 -4.30	100.82 -1.25 -6.03	101.55 -1.06 -6.56	107.94 -1.15 -12.95	99.30 -1.25 -4.70	97.79 -1.34 -3.48	70.96 -0.91 -11.20	67.40 -0.73 -7.21	69.15 -0.73 -9.15
GOUDEY___7 23579	72.45 -0.13 -8.75	67.70 -0.18 -6.89	69.29 -0.30 -8.67	68.31 -0.30 -7.70	68.47 -0.49 -8.09	67.36 -0.49 -6.98	69.57 -0.73 -9.57	68.60 -0.79 -8.73	91.68 -1.59 -0.01	96.94 -1.53 -2.81	99.89 -1.44 -5.56	100.18 -1.25 -5.47	101.23 -1.34 -6.72	100.22 -1.34 -5.81	99.95 -1.34 -5.43	98.52 -1.43 -4.30	100.82 -1.25 -6.03	101.55 -1.06 -6.56	107.94 -1.15 -12.95	99.30 -1.25 -4.70	97.79 -1.34 -3.48	70.96 -0.91 -11.20	67.40 -0.73 -7.21	69.15 -0.73 -9.15
GOUDEY___8 23580	72.45 -0.13 -8.75	67.70 -0.18 -6.89	69.29 -0.30 -8.67	68.31 -0.30 -7.70	68.47 -0.49 -8.09	67.36 -0.49 -6.98	69.57 -0.73 -9.57	68.60 -0.79 -8.73	91.68 -1.59 -0.01	96.94 -1.53 -2.81	99.89 -1.44 -5.56	100.18 -1.25 -5.47	101.23 -1.34 -6.72	100.22 -1.34 -5.81	99.95 -1.34 -5.43	98.52 -1.43 -4.30	100.82 -1.25 -6.03	101.55 -1.06 -6.56	107.94 -1.15 -12.95	99.30 -1.25 -4.70	97.79 -1.34 -3.48	70.96 -0.91 -11.20	67.40 -0.73 -7.21	69.15 -0.73 -9.15
GOWANUS_GT1_1 24077	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT1_2 24078	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT1_3 24079	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT1_4 24080	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT1_5 24084	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT1_6 24111	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT1_7 24112	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT1_8 24113	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT2_1 24114	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT2_2 24115	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT2_3 24116	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08

GOWANUS_GT2_4 24117	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT2_5 24118	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT2_6 24119	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT2_7 24120	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT2_8 24121	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_1 24122	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_2 24123	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_3 24124	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_4 24125	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_5 24126	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_6 24127	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_7 24128	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT3_8 24129	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
GOWANUS_GT4_1 24130	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT4_2 24131	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08

GOWANUS_GT4_3 24132	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT4_4 24133	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT4_5 24134	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT4_6 24135	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT4_7 24136	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GOWANUS_GT4_8 24137	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GREENBSH_115KV_TB3 55895	98.66 2.81 -32.02	88.84 2.62 -25.23	95.29 2.62 -31.75	91.71 2.62 -28.17	93.03 2.56 -29.61	89.03 2.62 -25.55	98.26 2.49 -35.04	94.97 2.37 -31.95	97.02 3.64 -0.12	132.81 3.73 -33.43	138.53 3.54 -39.23	138.90 3.55 -39.40	147.78 3.55 -48.38	138.50 3.64 -39.10	136.19 3.74 -36.60	129.09 3.54 -29.90	136.79 3.27 -37.48	142.32 3.17 -43.11	155.66 2.98 -56.54	130.88 3.35 -31.67	116.86 3.54 -17.67	111.74 2.24 -48.83	89.68 2.38 -26.38	96.64 2.43 -33.49
GREENDGE_115KV_TB5 80291	69.34 -0.13 -5.64	65.13 -0.30 -4.45	65.97 -0.55 -5.60	65.28 -0.61 -4.97	65.23 -0.85 -5.22	64.57 -0.79 -4.50	65.69 -1.21 -6.18	64.95 -1.33 -5.63	88.83 -4.38 0.04	92.79 -4.50 -1.64	94.80 -4.31 -3.35	95.21 -4.03 -3.29	95.50 -4.41 -4.05	94.76 -4.50 -3.50	94.72 -4.41 -3.28	93.47 -4.59 -2.41	94.28 -4.23 -2.46	95.48 -4.13 -3.57	88.64 -3.75 3.75	87.39 -4.03 4.44	87.85 -4.21 3.60	55.71 -1.82 3.14	64.05 -1.52 -4.65	65.23 -1.40 -5.90
GREENIDGE___3 23582	69.34 -0.13 -5.64	65.13 -0.30 -4.45	65.97 -0.55 -5.60	65.28 -0.61 -4.97	65.23 -0.85 -5.22	64.57 -0.79 -4.50	65.69 -1.21 -6.18	64.95 -1.33 -5.63	88.83 -4.38 0.04	92.79 -4.50 -1.64	94.80 -4.31 -3.35	95.21 -4.03 -3.29	95.50 -4.41 -4.05	94.76 -4.50 -3.50	94.72 -4.41 -3.28	93.47 -4.59 -2.41	94.28 -4.23 -2.46	95.48 -4.13 -3.57	88.64 -3.75 3.75	87.39 -4.03 4.44	87.85 -4.21 3.60	55.71 -1.82 3.14	64.05 -1.52 -4.65	65.23 -1.40 -5.90
GREENIDGE___4 23583	69.34 -0.13 -5.64	65.13 -0.30 -4.45	65.97 -0.55 -5.60	65.28 -0.61 -4.97	65.23 -0.85 -5.22	64.57 -0.79 -4.50	65.69 -1.21 -6.18	64.95 -1.33 -5.63	88.83 -4.38 0.04	93.08 -4.21 -1.64	94.71 -4.40 -3.35	95.22 -4.03 -3.29	95.50 -4.41 -4.05	94.76 -4.50 -3.50	94.72 -4.41 -3.28	93.47 -4.59 -2.41	94.38 -4.13 -2.46	94.81 -4.80 -3.57	88.73 -3.65 3.75	87.40 -4.02 4.44	87.85 -4.21 3.60	55.71 -1.82 3.14	64.05 -1.52 -4.65	65.23 -1.39 -5.90
GREENLWN_69_KV_BK 3 55738	134.71 4.98 -65.91	120.09 4.76 -54.35	113.24 4.51 -47.81	111.50 4.57 -46.01	89.66 4.50 -24.30	94.21 4.50 -28.85	93.79 4.31 -28.75	99.08 4.61 -33.82	124.52 7.18 -24.09	143.86 7.27 -40.94	151.16 6.80 -48.60	151.06 6.91 -48.20	150.48 7.19 -47.43	148.38 7.18 -45.43	147.45 7.28 -44.31	150.34 7.27 -47.42	148.52 7.59 -44.89	152.83 8.16 -48.62	154.53 8.56 -49.84	147.97 7.57 -44.54	145.97 7.56 -42.76	143.73 4.97 -78.09	117.76 5.18 -51.66	92.81 4.62 -27.47
GREENWD_138_KV_38B11_REV_LBMP_J 345004	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08
GRISSOM___SOLAR 323813	104.35 5.04 -35.48	93.58 4.63 -27.96	100.73 4.63 -35.18	96.64 4.51 -31.21	98.12 4.44 -32.81	93.68 4.50 -28.31	103.99 4.43 -38.83	100.54 4.49 -35.40	100.45 7.00 -0.20	168.07 7.18 -65.23	168.99 7.37 -65.86	170.14 7.49 -66.70	185.34 7.57 -81.91	167.55 7.37 -64.42	163.43 7.28 -60.30	152.47 7.55 -49.26	162.76 8.07 -58.65	174.38 8.35 -69.98	167.06 8.27 -62.65	149.46 7.95 -45.65	123.51 7.66 -20.20	119.44 4.67 -54.10	94.85 4.69 -29.23	102.21 4.37 -37.10
GROVEVILLE___HYD 323602	94.48 4.28 -26.38	85.92 4.15 -20.79	91.04 3.96 -26.16	88.15 4.02 -23.21	89.27 4.02 -24.39	85.93 4.02 -21.05	93.54 3.95 -28.87	91.04 4.06 -26.32	99.65 6.34 -0.05	108.59 6.60 -6.34	116.77 6.51 -14.50	116.67 6.52 -14.20	120.08 6.81 -17.42	117.72 6.70 -15.26	116.84 6.71 -14.28	114.10 6.79 -11.65	120.08 6.92 -17.12	120.71 7.01 -17.66	149.93 7.21 -46.58	120.26 6.81 -17.60	116.50 6.79 -14.05	105.26 4.37 -40.22	87.16 4.51 -21.73	92.38 4.07 -27.59
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	66.69 -0.38 -3.25	63.12 -0.43 -2.56	63.53 -0.61 -3.22	63.17 -0.61 -2.86	63.14 -0.73 -3.00	62.78 -0.67 -2.59	63.49 -0.79 -3.56	63.11 -0.79 -3.24	91.40 -1.87 -0.01	93.95 -1.72 -0.02	95.96 -1.53 -1.73	96.35 -1.25 -1.65	96.35 -1.53 -2.03	96.15 -1.53 -1.92	96.02 -1.63 -1.80	95.03 -1.91 -1.28	96.65 -1.54 -2.14	96.73 -1.54 -2.22	100.34 -1.54 -5.74	96.41 -1.63 -2.19	95.57 -1.82 -1.73	64.71 -0.91 -4.95	62.81 -0.79 -2.68	63.39 -0.73 -3.40

HAMLTNNY_34_KV_TB 80303	66.66 -0.57 -3.41	63.06 -0.61 -2.68	63.51 -0.79 -3.38	63.19 -0.73 -3.00	63.16 -0.85 -3.15	62.73 -0.85 -2.72	63.48 -0.97 -3.73	63.08 -0.97 -3.40	91.02 -2.24 -0.01	93.47 -2.20 -0.02	95.58 -2.01 -1.83	95.97 -1.73 -1.75	95.98 -2.01 -2.14	95.68 -2.11 -2.03	95.65 -2.11 -1.90	94.63 -2.39 -1.36	96.29 -2.02 -2.26	96.37 -2.02 -2.34	100.23 -1.92 -6.02	95.95 -2.20 -2.30	95.18 -2.30 -1.82	64.71 -1.15 -5.19	62.75 -0.97 -2.81	63.32 -0.97 -3.56
HAMPSHIRE___PAPER_HYD 323593	65.32 0.64 -0.86	62.27 0.61 -0.68	62.32 0.55 -0.85	62.16 0.49 -0.76	62.02 0.37 -0.79	61.98 0.43 -0.69	62.21 0.55 -0.94	62.12 0.61 -0.86	93.72 0.47 0.00	96.04 0.38 0.00	96.34 0.58 0.00	96.14 0.19 0.00	95.95 0.10 0.00	95.95 0.19 0.00	95.95 0.10 0.00	95.79 0.19 0.05	96.01 -0.19 -0.15	96.10 0.00 -0.05	97.66 0.00 -1.52	96.56 0.38 -0.32	96.67 0.58 -0.44	62.52 0.54 -1.31	61.94 0.31 -0.71	62.05 0.43 -0.90
HARDSCRABBLE_WT_PWR 323673	64.08 0.26 0.00	61.11 0.12 0.00	60.98 0.06 0.00	60.98 0.06 0.00	60.92 0.06 0.00	60.98 0.12 0.00	60.85 0.12 0.00	60.84 0.18 0.00	93.63 0.37 0.00	96.04 0.38 0.00	96.34 0.58 0.00	96.63 0.68 0.00	96.62 0.76 0.00	96.52 0.76 0.00	96.62 0.76 0.00	96.40 0.76 0.02	96.62 0.58 0.00	96.91 0.86 0.00	97.10 0.96 0.00	96.91 1.06 0.00	96.33 0.67 0.00	60.97 0.30 0.00	61.23 0.31 0.00	60.97 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	92.11 3.57 -24.71	83.93 3.48 -19.47	88.77 3.35 -24.50	86.01 3.35 -21.74	87.06 3.35 -22.85	83.92 3.35 -19.71	91.04 3.28 -27.04	88.70 3.40 -24.65	98.62 5.32 -0.04	106.93 5.55 -5.73	114.73 5.55 -13.42	114.65 5.57 -13.13	117.72 5.75 -16.11	115.55 5.65 -14.14	114.84 5.75 -13.23	112.28 5.83 -10.79	117.91 5.95 -15.91	118.57 6.15 -16.38	146.01 6.25 -43.63	118.20 5.94 -16.41	114.64 5.83 -13.15	102.10 3.76 -37.68	85.18 3.90 -20.36	90.03 3.46 -25.84
HARSNRAD_115KV_TB1 81005	63.98 -4.34 -4.50	60.08 -4.45 -3.55	60.94 -4.45 -4.46	60.37 -4.51 -3.96	60.28 -4.75 -4.16	59.58 -4.87 -3.59	59.76 -5.89 -4.92	58.71 -6.43 -4.49	81.03 -12.22 0.01	83.42 -12.24 -0.01	85.87 -12.35 -2.47	86.31 -11.99 -2.35	85.90 -12.84 -2.89	85.57 -12.93 -2.74	85.38 -13.04 -2.56	83.38 -14.16 -1.88	85.31 -13.35 -2.61	85.71 -13.35 -3.02	87.19 -12.79 -3.84	82.83 -13.61 -0.58	82.59 -13.49 -0.42	57.09 -6.92 -3.34	58.48 -6.15 -3.71	60.09 -5.34 -4.71
HARZA MOOSE___RIVER 24016	66.85 1.98 -1.05	63.65 1.83 -0.83	63.73 1.77 -1.04	63.55 1.71 -0.92	63.42 1.58 -0.97	63.34 1.64 -0.84	63.64 1.76 -1.15	63.52 1.82 -1.05	95.49 2.24 0.00	97.85 2.20 0.00	98.15 2.39 0.00	98.06 2.11 0.00	97.87 2.01 0.00	97.87 2.11 0.00	97.87 2.01 0.00	97.70 2.10 0.06	98.54 2.31 -0.19	98.89 2.79 -0.06	100.69 2.69 -1.86	99.03 2.78 -0.40	98.49 2.30 -0.54	63.91 1.64 -1.60	63.31 1.52 -0.87	63.40 1.58 -1.10
HDSNBRDG_115KV_BRDG_TB1 355580	65.65 -1.15 -2.98	62.12 -1.22 -2.35	62.54 -1.34 -2.95	62.26 -1.28 -2.62	62.22 -1.40 -2.75	61.84 -1.40 -2.38	62.47 -1.52 -3.26	62.11 -1.52 -2.97	90.27 -2.98 0.00	92.69 -2.97 0.00	92.98 -2.78 0.00	93.36 -2.59 0.00	93.07 -2.78 0.00	92.89 -2.87 0.00	92.98 -2.88 0.00	92.32 -3.16 0.18	93.70 -2.88 -0.53	93.34 -2.88 -0.18	98.61 -2.79 -5.26	94.01 -2.97 -1.12	94.03 -3.16 -1.54	63.51 -1.70 -4.54	61.85 -1.52 -2.45	62.38 -1.46 -3.11
HELLGATE_13_KV_LD 55870	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.67 3.83 -20.97	93.37 3.89 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.14 7.60 -46.40	120.69 7.38 -17.46	116.82 7.17 -13.99	105.47 4.73 -40.07	88.06 4.93 -22.20	92.59 4.37 -27.49
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.83 -24.30	85.67 3.83 -20.97	93.37 3.89 -28.76	91.00 4.12 -26.22	99.74 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.84 6.90 -14.09	114.13 6.98 -11.49	120.28 7.30 -16.93	120.97 7.49 -17.43	150.14 7.60 -46.40	120.69 7.38 -17.46	116.82 7.17 -13.99	105.47 4.73 -40.07	88.06 4.93 -22.20	92.59 4.37 -27.49
HEMPSTEAD____ 23647	134.65 4.91 -65.91	120.03 4.70 -54.35	113.24 4.51 -47.81	111.44 4.51 -46.01	89.60 4.44 -24.30	94.15 4.44 -28.85	93.79 4.31 -28.75	99.02 4.55 -33.82	124.43 7.08 -24.09	144.06 7.47 -40.94	151.84 7.47 -48.60	151.83 7.68 -48.21	151.15 7.86 -47.43	148.86 7.66 -45.44	147.92 7.76 -44.31	150.93 7.85 -47.43	149.01 8.07 -44.89	152.84 8.16 -48.64	165.79 8.27 -61.38	148.46 8.05 -44.55	146.26 7.85 -42.76	143.86 5.10 -78.09	117.75 5.18 -51.66	92.94 4.74 -27.47
HEWLETT_69_KV_BK3 55828	135.09 5.36 -65.91	120.52 5.18 -54.35	113.66 4.93 -47.81	111.92 5.00 -46.01	90.09 4.93 -24.30	94.64 4.93 -28.85	94.27 4.80 -28.75	99.51 5.03 -33.82	125.08 7.74 -24.09	144.72 8.13 -40.94	152.69 8.33 -48.60	152.69 8.54 -48.20	152.01 8.72 -47.43	149.72 8.52 -45.43	148.79 8.63 -44.31	151.69 8.61 -47.42	149.77 8.84 -44.89	153.71 9.03 -48.64	166.66 9.13 -61.38	149.22 8.82 -44.55	147.11 8.70 -42.76	144.40 5.64 -78.09	118.24 5.67 -51.66	93.30 5.10 -27.47
HICKLING___1 23621	69.83 -1.02 -7.02	65.43 -1.10 -5.53	66.61 -1.28 -6.96	65.82 -1.28 -6.18	65.78 -1.58 -6.50	64.82 -1.64 -5.60	66.29 -2.13 -7.69	65.36 -2.30 -7.01	89.02 -4.20 0.04	93.50 -4.21 -2.06	95.87 -4.12 -4.23	96.27 -3.84 -4.16	96.94 -4.03 -5.11	96.26 -3.93 -4.42	95.97 -4.03 -4.14	94.77 -4.02 -3.14	95.67 -3.94 -3.56	96.95 -3.75 -4.65	91.91 -3.94 0.29	89.09 -3.93 2.83	89.37 -3.92 2.36	57.84 -2.67 0.15	64.27 -2.44 -5.79	65.82 -2.25 -7.35
HICKLING___2 23622	69.83 -1.02 -7.02	65.43 -1.10 -5.53	66.61 -1.28 -6.96	65.82 -1.28 -6.18	65.78 -1.58 -6.50	64.82 -1.64 -5.60	66.29 -2.13 -7.69	65.36 -2.30 -7.01	89.02 -4.20 0.04	93.50 -4.21 -2.06	95.87 -4.12 -4.23	96.27 -3.84 -4.16	96.94 -4.03 -5.11	96.26 -3.93 -4.42	95.97 -4.03 -4.14	94.77 -4.02 -3.14	95.67 -3.94 -3.56	96.95 -3.75 -4.65	91.91 -3.94 0.29	89.09 -3.93 2.83	89.37 -3.92 2.36	57.84 -2.67 0.15	64.27 -2.44 -5.79	65.82 -2.25 -7.35
HIGH FALLS___HY 23754	94.23 4.15 -26.26	85.77 4.09 -20.69	90.86 3.90 -26.04	87.98 3.96 -23.10	89.10 3.96 -24.29	85.77 3.96 -20.95	93.41 3.95 -28.74	90.92 4.06 -26.20	99.56 6.25 -0.05	110.77 6.50 -8.61	118.45 6.32 -16.37	118.31 6.24 -16.12	122.06 6.42 -19.78	119.21 6.42 -17.03	118.32 6.52 -15.94	115.27 6.60 -13.01	121.59 7.01 -18.54	122.77 7.20 -19.52	149.91 7.40 -46.37	121.20 6.90 -18.44	116.49 6.79 -14.04	105.08 4.37 -40.04	87.07 4.51 -21.64	92.20 4.01 -27.46
HIGH_RIVER___SOLAR 323847	101.71 3.57 -34.31	91.32 3.29 -27.04	98.23 3.29 -34.02	94.33 3.23 -30.19	95.82 3.22 -31.73	91.46 3.22 -27.38	101.43 3.16 -37.55	98.04 3.15 -34.23	98.31 4.85 -0.21	169.63 5.07 -68.91	170.15 5.07 -69.31	171.34 5.18 -70.22	187.36 5.27 -86.23	168.69 5.17 -67.77	164.36 5.08 -63.43	152.74 5.26 -51.83	162.77 5.57 -61.16	175.25 5.76 -73.44	162.40 5.67 -60.58	148.20 5.46 -46.89	120.71 5.35 -19.70	116.32 3.33 -52.32	92.54 3.35 -28.27	99.76 3.16 -35.88

HILLBURN___GT 23639	92.38 3.51 -25.04	84.14 3.41 -19.73	88.98 3.23 -24.83	86.24 3.29 -22.03	87.25 3.22 -23.16	84.07 3.22 -19.98	91.29 3.16 -27.41	88.97 3.33 -24.98	98.43 5.13 -0.04	106.82 5.35 -5.81	114.72 5.36 -13.60	114.73 5.47 -13.31	117.84 5.65 -16.33	115.64 5.55 -14.33	114.92 5.65 -13.41	112.24 5.64 -10.94	118.13 5.96 -16.13	118.70 6.05 -16.60	146.52 6.16 -44.22	118.43 5.95 -16.63	114.82 5.84 -13.33	102.62 3.76 -38.19	85.46 3.90 -20.63	90.31 3.40 -26.19
HILLSIDE_115KV_TB1 80332	69.30 -1.79 -7.26	64.88 -1.83 -5.72	66.17 -1.95 -7.20	65.30 -2.01 -6.39	65.38 -2.19 -6.71	64.40 -2.25 -5.79	66.00 -2.67 -7.94	65.05 -2.85 -7.24	88.38 -4.85 0.03	92.91 -4.88 -2.13	95.36 -4.79 -4.39	95.65 -4.61 -4.31	96.46 -4.70 -5.30	95.65 -4.69 -4.59	95.45 -4.70 -4.29	94.33 -4.59 -3.27	95.25 -4.61 -3.81	96.59 -4.32 -4.87	92.51 -4.52 -0.89	89.15 -4.51 2.20	89.29 -4.50 1.87	58.43 -3.09 -0.86	63.98 -2.92 -5.98	65.58 -2.73 -7.59
HISHELDN_WT_PWR 323625	65.64 -3.38 -5.20	61.61 -3.47 -4.10	62.54 -3.54 -5.15	61.90 -3.59 -4.57	61.77 -3.90 -4.81	60.99 -4.02 -4.15	61.44 -4.98 -5.69	60.44 -5.40 -5.18	83.54 -9.70 0.01	87.11 -10.04 -1.50	88.86 -9.96 -3.06	89.27 -9.69 -3.01	89.49 -10.06 -3.70	88.91 -10.05 -3.20	88.69 -10.16 -3.00	87.37 -10.52 -2.23	88.51 -10.47 -2.93	88.97 -10.57 -3.49	88.69 -10.67 -3.23	84.79 -11.02 0.04	84.75 -10.81 0.09	57.25 -6.25 -2.83	59.66 -5.54 -4.28	61.12 -5.04 -5.44
HOLTSVILLE_IC_1 23690	135.67 5.94 -65.91	121.01 5.67 -54.35	114.21 5.49 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.63 5.16 -28.75	99.87 5.40 -33.82	125.74 8.40 -24.09	145.29 8.70 -40.94	152.79 8.43 -48.60	152.83 8.64 -48.25	152.01 8.72 -47.43	149.91 8.71 -45.44	148.97 8.81 -44.31	152.02 8.90 -47.46	150.20 9.22 -44.93	153.93 9.13 -48.76	256.33 9.03 -151.16	149.65 9.20 -44.59	147.40 8.99 -42.76	144.64 5.88 -78.09	118.61 6.03 -51.66	93.67 5.47 -27.47
HOLTSVILLE_IC_10 23699	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.94 5.47 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.87 9.28 -40.94	153.46 9.10 -48.60	153.50 9.30 -48.24	152.58 9.30 -47.43	150.58 9.39 -45.44	149.65 9.49 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.60 9.80 -48.76	253.63 9.61 -147.88	150.32 9.88 -44.59	148.07 9.66 -42.76	145.07 6.31 -78.09	118.97 6.40 -51.66	94.03 5.83 -27.47
HOLTSVILLE_IC_2 23691	135.67 5.94 -65.91	121.01 5.67 -54.35	114.21 5.49 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.63 5.16 -28.75	99.87 5.40 -33.82	125.74 8.40 -24.09	145.29 8.70 -40.94	152.79 8.43 -48.60	152.83 8.64 -48.25	152.01 8.72 -47.43	149.91 8.71 -45.44	148.97 8.81 -44.31	152.02 8.90 -47.46	150.20 9.22 -44.93	153.93 9.13 -48.76	256.33 9.03 -151.16	149.65 9.20 -44.59	147.40 8.99 -42.76	144.64 5.88 -78.09	118.61 6.03 -51.66	93.67 5.47 -27.47
HOLTSVILLE_IC_3 23692	135.67 5.94 -65.91	121.01 5.67 -54.35	114.21 5.49 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.63 5.16 -28.75	99.87 5.40 -33.82	125.74 8.40 -24.09	145.29 8.70 -40.94	152.79 8.43 -48.60	152.83 8.64 -48.25	152.01 8.72 -47.43	149.91 8.71 -45.44	148.97 8.81 -44.31	152.02 8.90 -47.46	150.20 9.22 -44.93	153.93 9.13 -48.76	256.33 9.03 -151.16	149.65 9.20 -44.59	147.40 8.99 -42.76	144.64 5.88 -78.09	118.61 6.03 -51.66	93.67 5.47 -27.47
HOLTSVILLE_IC_4 23693	135.67 5.94 -65.91	121.01 5.67 -54.35	114.21 5.49 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.63 5.16 -28.75	99.87 5.40 -33.82	125.74 8.40 -24.09	145.29 8.70 -40.94	152.79 8.43 -48.60	152.83 8.64 -48.25	152.01 8.72 -47.43	149.91 8.71 -45.44	148.97 8.81 -44.31	152.02 8.90 -47.46	150.20 9.22 -44.93	153.93 9.13 -48.76	256.33 9.03 -151.16	149.65 9.20 -44.59	147.40 8.99 -42.76	144.64 5.88 -78.09	118.61 6.03 -51.66	93.67 5.47 -27.47
HOLTSVILLE_IC_5 23694	135.67 5.94 -65.91	121.01 5.67 -54.35	114.21 5.49 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.63 5.16 -28.75	99.87 5.40 -33.82	125.74 8.40 -24.09	145.29 8.70 -40.94	152.79 8.43 -48.60	152.83 8.64 -48.25	152.01 8.72 -47.43	149.91 8.71 -45.44	148.97 8.81 -44.31	152.02 8.90 -47.46	150.20 9.22 -44.93	153.93 9.13 -48.76	256.33 9.03 -151.16	149.65 9.20 -44.59	147.40 8.99 -42.76	144.64 5.88 -78.09	118.61 6.03 -51.66	93.67 5.47 -27.47
HOLTSVILLE_IC_6 23695	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.94 5.47 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.87 9.28 -40.94	153.46 9.10 -48.60	153.50 9.30 -48.24	152.58 9.30 -47.43	150.58 9.39 -45.44	149.65 9.49 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.60 9.80 -48.76	253.63 9.61 -147.88	150.32 9.88 -44.59	148.07 9.66 -42.76	145.07 6.31 -78.09	118.97 6.40 -51.66	94.03 5.83 -27.47
HOLTSVILLE_IC_7 23696	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.94 5.47 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.87 9.28 -40.94	153.46 9.10 -48.60	153.50 9.30 -48.24	152.58 9.30 -47.43	150.58 9.39 -45.44	149.65 9.49 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.60 9.80 -48.76	253.63 9.61 -147.88	150.32 9.88 -44.59	148.07 9.66 -42.76	145.07 6.31 -78.09	118.97 6.40 -51.66	94.03 5.83 -27.47
HOLTSVILLE_IC_8 23697	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.94 5.47 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.87 9.28 -40.94	153.46 9.10 -48.60	153.50 9.30 -48.24	152.58 9.30 -47.43	150.58 9.39 -45.44	149.65 9.49 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.60 9.80 -48.76	253.63 9.61 -147.88	150.32 9.88 -44.59	148.07 9.66 -42.76	145.07 6.31 -78.09	118.97 6.40 -51.66	94.03 5.83 -27.47
HOLTSVILLE_IC_9 23698	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.94 5.47 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.87 9.28 -40.94	153.46 9.10 -48.60	153.50 9.30 -48.24	152.58 9.30 -47.43	150.58 9.39 -45.44	149.65 9.49 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.60 9.80 -48.76	253.63 9.61 -147.88	150.32 9.88 -44.59	148.07 9.66 -42.76	145.07 6.31 -78.09	118.97 6.40 -51.66	94.03 5.83 -27.47
HOMER_HL_115KV_TB2 355744	64.26 -4.98 -5.41	60.25 -5.00 -4.27	61.29 -5.00 -5.37	60.63 -5.06 -4.76	60.57 -5.30 -5.01	59.70 -5.48 -4.32	60.33 -6.32 -5.92	59.44 -6.61 -5.40	83.82 -9.42 0.01	87.75 -9.47 -1.56	89.57 -9.38 -3.20	89.50 -9.59 -3.14	90.90 -8.82 -3.86	90.49 -8.62 -3.34	89.88 -9.11 -3.13	90.34 -7.65 -2.34	90.46 -8.64 -3.06	92.29 -7.40 -3.64	90.89 -8.65 -3.40	88.07 -7.76 0.02	87.93 -7.65 0.08	57.10 -6.55 -2.98	58.74 -6.64 -4.46	60.19 -6.19 -5.66
HOWARD_WT_PWR 323690	68.44 -1.34 -5.96	64.22 -1.46 -4.69	65.24 -1.58 -5.90	64.34 -1.83 -5.24	64.06 -2.31 -5.51	62.94 -2.68 -4.75	63.36 -3.89 -6.52	62.59 -4.01 -5.94	85.85 -7.37 0.04	89.73 -7.66 -1.73	91.64 -7.66 -3.55	92.05 -7.39 -3.48	92.57 -7.57 -4.29	92.00 -7.47 -3.71	92.61 -6.71 -3.47	91.63 -6.60 -2.58	91.55 -7.30 -2.81	91.72 -8.16 -3.84	85.70 -8.46 1.98	83.75 -8.63 3.47	84.11 -8.70 2.84	53.65 -5.40 1.61	60.71 -5.12 -4.91	62.04 -4.92 -6.23

HQ_GEN_CEDARS 23644	63.25 -0.57 0.00	60.56 -0.43 0.00	60.56 -0.37 0.00	60.43 -0.49 0.00	60.44 -0.43 0.00	60.50 -0.37 0.00	60.48 -0.24 0.00	60.47 -0.18 0.00	92.98 -0.28 0.00	95.27 -0.38 0.00	95.28 -0.48 0.00	95.28 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.57 0.00	95.18 -0.67 0.00	95.16 -0.48 0.02	95.08 -0.96 0.00	94.89 -1.15 0.00	95.08 -1.06 0.00	95.09 -0.77 0.00	95.46 -0.19 0.00	60.48 -0.18 0.00	60.37 -0.55 0.00	60.36 -0.36 0.00
HQ_GEN_CEDARS_PROXY 323590	63.25 -0.58 0.00	60.56 -0.42 0.00	60.56 -0.36 0.00	60.43 -0.49 0.00	60.44 -0.42 0.00	60.50 -0.36 0.00	60.48 -0.24 0.00	60.47 -0.18 0.00	92.98 -0.28 0.00	95.27 -0.38 0.00	95.28 -0.48 0.00	95.28 -0.67 0.00	95.19 -0.67 0.00	95.28 -0.48 0.00	95.19 -0.67 0.00	95.16 -0.48 0.02	94.99 -1.05 0.00	94.99 -1.05 0.00	94.99 -1.15 0.00	95.19 -0.67 0.00	95.46 -0.19 0.00	60.48 -0.18 0.00	60.37 -0.55 0.00	60.36 -0.36 0.00
HQ_GEN_IMPORT 323601	62.74 -1.09 0.00	60.01 -0.98 0.00	60.01 -0.91 0.00	60.01 -0.91 0.00	60.01 -0.85 0.00	60.01 -0.85 0.00	60.00 -0.73 0.00	59.99 -0.67 0.00	92.70 -0.56 0.00	94.99 -0.66 0.00	94.99 -0.77 0.00	94.99 -0.96 0.00	94.99 -0.86 0.00	94.99 -0.77 0.00	94.99 -0.86 0.00	94.99 -0.66 0.00	94.99 -1.05 0.00	94.99 -1.05 0.00	94.99 -1.15 0.00	94.99 -0.86 0.00	94.99 -0.66 0.00	60.00 -0.67 0.00	60.01 -0.91 0.00	60.00 -0.73 0.00
HQ_GEN_WHEEL 23651	62.74 -1.09 0.00	60.01 -0.98 0.00	60.01 -0.91 0.00	60.01 -0.91 0.00	60.01 -0.85 0.00	60.01 -0.85 0.00	60.00 -0.73 0.00	59.99 -0.67 0.00	92.70 -0.56 0.00	94.99 -0.66 0.00	94.99 -0.77 0.00	94.99 -0.96 0.00	94.99 -0.86 0.00	94.99 -0.77 0.00	94.99 -0.86 0.00	94.99 -0.66 0.00	94.99 -1.05 0.00	94.99 -1.05 0.00	94.99 -1.15 0.00	94.99 -0.86 0.00	94.99 -0.66 0.00	60.00 -0.67 0.00	60.01 -0.91 0.00	60.00 -0.73 0.00
HUDSON AVE_GT_3 23810	94.32 4.21 -26.28	85.78 4.09 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.81 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.12	116.46 6.42 -14.28	116.46 6.52 -13.98	119.82 6.81 -17.16	117.51 6.70 -15.05	116.75 6.81 -14.09	113.94 6.79 -11.49	120.18 7.20 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.50 7.19 -17.46	116.63 6.98 -13.99	105.35 4.61 -40.07	87.26 4.69 -21.65	92.34 4.13 -27.48
HUDSON AVE_GT_4 23540	94.32 4.21 -26.28	85.78 4.09 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.81 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.12	116.46 6.42 -14.28	116.46 6.52 -13.98	119.82 6.81 -17.16	117.51 6.70 -15.05	116.75 6.81 -14.09	113.94 6.79 -11.49	120.18 7.20 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.50 7.19 -17.46	116.63 6.98 -13.99	105.35 4.61 -40.07	87.26 4.69 -21.65	92.34 4.13 -27.48
HUDSON AVE_GT_5 23657	94.32 4.21 -26.28	85.78 4.09 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.81 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.12	116.46 6.42 -14.28	116.46 6.52 -13.98	119.82 6.81 -17.16	117.51 6.70 -15.05	116.75 6.81 -14.09	113.94 6.79 -11.49	120.18 7.20 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.50 7.19 -17.46	116.63 6.98 -13.99	105.35 4.61 -40.07	87.26 4.69 -21.65	92.34 4.13 -27.48
HUDSON_AVE_10 24168	94.19 4.08 -26.28	85.66 3.96 -20.71	90.63 3.66 -26.06	87.76 3.72 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	93.13 3.64 -28.76	90.75 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.12	116.36 6.32 -14.28	116.36 6.43 -13.98	119.72 6.71 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.08 7.11 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.29 4.55 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48
HUDSON___115KV_TB 4 355613	98.92 3.77 -31.33	89.28 3.60 -24.69	95.52 3.53 -31.07	92.02 3.53 -27.56	93.37 3.53 -28.97	89.39 3.53 -25.00	98.47 3.46 -34.29	95.07 3.15 -31.26	98.21 4.85 -0.10	127.47 4.88 -26.94	133.88 4.60 -33.53	133.94 4.41 -33.58	141.58 4.51 -41.22	133.99 4.60 -33.64	132.04 4.70 -31.49	126.06 4.69 -25.72	133.48 4.51 -32.92	137.97 4.61 -37.31	155.98 4.52 -55.32	129.03 4.51 -28.67	117.49 4.69 -17.15	111.35 2.91 -47.77	89.78 3.05 -25.81	96.47 2.98 -32.76
HUNTER MOUNT___DRP 323613	98.19 3.77 -30.60	88.70 3.60 -24.11	94.79 3.53 -30.34	91.37 3.53 -26.92	92.69 3.53 -28.30	88.87 3.59 -24.41	97.73 3.52 -33.48	94.45 3.28 -30.52	98.39 5.04 -0.09	123.76 5.17 -22.94	130.46 4.79 -29.91	130.35 4.51 -29.89	137.15 4.60 -36.70	130.61 4.69 -30.16	128.88 4.79 -28.23	123.49 4.78 -23.06	130.72 4.71 -29.97	134.35 4.71 -33.60	154.78 4.61 -54.02	127.11 4.60 -26.65	117.10 4.78 -16.67	110.23 2.91 -46.66	89.18 3.05 -25.21	95.76 3.04 -32.00
HUNTINGTON_RES_REC 323705	135.35 5.62 -65.91	120.64 5.30 -54.35	113.85 5.12 -47.81	112.05 5.12 -46.01	90.21 5.05 -24.30	94.76 5.05 -28.85	94.34 4.86 -28.75	99.57 5.10 -33.82	125.27 7.92 -24.09	144.82 8.23 -40.94	152.11 7.75 -48.60	152.10 7.96 -48.19	151.43 8.14 -47.43	149.24 8.04 -45.44	148.41 8.24 -44.31	151.38 8.32 -47.41	149.57 8.65 -44.87	153.46 8.83 -48.58	128.56 9.14 -23.28	149.02 8.63 -44.53	146.92 8.51 -42.76	144.34 5.58 -78.09	118.30 5.72 -51.66	93.36 5.16 -27.47
HUNTLEY___63 23557	64.63 -3.83 -4.64	60.68 -3.96 -3.65	61.50 -4.02 -4.60	60.98 -4.02 -4.08	60.89 -4.26 -4.29	60.12 -4.44 -3.70	60.21 -5.59 -5.08	59.16 -6.13 -4.63	81.68 -11.56 0.01	84.18 -11.48 -0.01	86.72 -11.59 -2.55	87.06 -11.32 -2.43	86.76 -12.08 -2.98	86.53 -12.07 -2.83	86.23 -12.27 -2.65	84.31 -13.30 -1.95	86.15 -12.58 -2.69	86.67 -12.49 -3.11	88.14 -11.83 -3.82	83.82 -12.56 -0.52	83.69 -12.34 -0.37	57.20 -6.79 -3.33	58.96 -5.79 -3.82	60.72 -4.86 -4.85
HUNTLEY___64 23558	64.63 -3.83 -4.64	60.68 -3.96 -3.65	61.50 -4.02 -4.60	60.98 -4.02 -4.08	60.89 -4.26 -4.29	60.12 -4.44 -3.70	60.21 -5.59 -5.08	59.16 -6.13 -4.63	81.68 -11.56 0.01	84.18 -11.48 -0.01	86.72 -11.59 -2.55	87.06 -11.32 -2.43	86.76 -12.08 -2.98	86.53 -12.07 -2.83	86.23 -12.27 -2.65	84.31 -13.30 -1.95	86.15 -12.58 -2.69	86.67 -12.49 -3.11	88.14 -11.83 -3.82	83.82 -12.56 -0.52	83.69 -12.34 -0.37	57.20 -6.79 -3.33	58.96 -5.79 -3.82	60.72 -4.86 -4.85
HUNTLEY___65 23559	64.63 -3.83 -4.64	60.68 -3.96 -3.65	61.50 -4.02 -4.60	60.98 -4.02 -4.08	60.89 -4.26 -4.29	60.12 -4.44 -3.70	60.21 -5.59 -5.08	59.16 -6.13 -4.63	81.68 -11.56 0.01	84.18 -11.48 -0.01	86.72 -11.59 -2.55	87.06 -11.32 -2.43	86.76 -12.08 -2.98	86.53 -12.07 -2.83	86.23 -12.27 -2.65	84.31 -13.30 -1.95	86.15 -12.58 -2.69	86.67 -12.49 -3.11	88.14 -11.83 -3.82	83.82 -12.56 -0.52	83.69 -12.34 -0.37	57.20 -6.79 -3.33	58.96 -5.79 -3.82	60.72 -4.86 -4.85
HUNTLEY___66 23560	64.63 -3.83 -4.64	60.68 -3.96 -3.65	61.50 -4.02 -4.60	60.98 -4.02 -4.08	60.89 -4.26 -4.29	60.12 -4.44 -3.70	60.21 -5.59 -5.08	59.16 -6.13 -4.63	81.68 -11.56 0.01	84.18 -11.48 -0.01	86.72 -11.59 -2.55	87.06 -11.32 -2.43	86.76 -12.08 -2.98	86.53 -12.07 -2.83	86.23 -12.27 -2.65	84.31 -13.30 -1.95	86.15 -12.58 -2.69	86.67 -12.49 -3.11	88.14 -11.83 -3.82	83.82 -12.56 -0.52	83.69 -12.34 -0.37	57.20 -6.79 -3.33	58.96 -5.79 -3.82	60.72 -4.86 -4.85

HUNTLEY___67 23561	64.52 -4.02 -4.72	60.56 -4.15 -3.72	61.40 -4.20 -4.68	60.87 -4.20 -4.15	60.72 -4.50 -4.36	60.00 -4.63 -3.76	60.24 -5.65 -5.16	59.24 -6.13 -4.71	81.87 -11.38 0.01	84.28 -11.38 -0.01	86.96 -11.40 -2.60	87.30 -11.13 -2.48	87.10 -11.79 -3.04	86.77 -11.87 -2.89	86.57 -11.98 -2.70	84.74 -12.91 -1.99	86.48 -12.29 -2.73	87.02 -12.20 -3.17	87.72 -12.21 -3.79	83.58 -12.75 -0.47	83.36 -12.63 -0.33	57.00 -6.98 -3.31	58.96 -5.85 -3.89	60.50 -5.16 -4.93
HUNTLEY___68 23562	64.52 -4.02 -4.72	60.56 -4.15 -3.72	61.40 -4.20 -4.68	60.87 -4.20 -4.15	60.72 -4.50 -4.36	60.00 -4.63 -3.76	60.24 -5.65 -5.16	59.24 -6.13 -4.71	81.87 -11.38 0.01	84.28 -11.38 -0.01	86.96 -11.40 -2.60	87.30 -11.13 -2.48	87.10 -11.79 -3.04	86.77 -11.87 -2.89	86.57 -11.98 -2.70	84.74 -12.91 -1.99	86.48 -12.29 -2.73	87.02 -12.20 -3.17	87.72 -12.21 -3.79	83.58 -12.75 -0.47	83.36 -12.63 -0.33	57.00 -6.98 -3.31	58.96 -5.85 -3.89	60.50 -5.16 -4.93
HYLAND___LFGE 323620	70.34 1.47 -5.05	65.94 0.97 -3.98	66.72 0.79 -5.00	65.97 0.61 -4.44	65.96 0.43 -4.67	65.32 0.43 -4.03	65.95 -0.30 -5.52	65.33 -0.36 -5.03	90.91 -2.33 0.02	92.69 -2.97 0.00	95.01 -3.54 -2.79	95.35 -3.26 -2.66	95.39 -3.74 -3.27	94.65 -4.21 -3.10	94.82 -3.93 -2.90	93.97 -3.83 -2.15	96.38 -2.40 -2.73	97.18 -2.21 -3.34	96.77 -1.44 -2.07	92.77 -2.39 0.69	92.47 -2.58 0.60	61.72 -0.79 -1.84	64.78 -0.30 -4.16	65.88 -0.12 -5.28
INDECK___CORINTH 23802	102.25 5.23 -33.19	92.02 4.88 -26.15	98.64 4.81 -32.90	94.87 4.76 -29.19	96.30 4.75 -30.69	92.09 4.75 -26.48	101.66 4.61 -36.32	98.50 4.73 -33.11	100.92 7.46 -0.20	169.17 7.93 -65.58	170.48 8.04 -66.68	171.52 8.06 -67.51	186.81 8.05 -82.90	168.80 7.75 -65.29	164.53 7.57 -61.11	153.33 7.74 -49.93	163.06 8.07 -58.94	174.96 8.16 -70.76	162.71 7.98 -58.60	148.75 7.67 -45.22	122.16 7.47 -19.04	116.00 4.74 -50.60	93.08 4.81 -27.34	100.04 4.61 -34.70
INDECK___ILION 23567	64.53 0.70 0.00	61.60 0.61 0.00	61.47 0.55 0.00	61.47 0.55 0.00	61.41 0.55 0.00	61.41 0.55 0.00	61.33 0.61 0.00	61.26 0.61 0.00	94.19 0.93 0.00	96.71 1.05 0.00	96.91 1.15 0.00	97.10 1.15 0.00	97.10 1.25 0.00	97.00 1.24 0.00	97.10 1.25 0.00	96.79 1.15 0.02	97.20 1.15 0.00	97.29 1.25 0.00	97.39 1.25 0.00	97.20 1.34 0.00	96.80 1.15 0.00	61.33 0.67 0.00	61.59 0.67 0.00	61.33 0.61 0.00
INDECK___OLEAN 23982	64.26 -4.98 -5.41	60.25 -5.00 -4.27	61.29 -4.99 -5.37	60.63 -5.06 -4.76	60.57 -5.30 -5.01	59.70 -5.48 -4.32	60.33 -6.32 -5.92	59.50 -6.55 -5.40	83.36 -9.89 0.01	87.26 -9.95 -1.56	89.29 -9.67 -3.20	89.30 -9.79 -3.14	90.90 -8.82 -3.86	90.87 -8.24 -3.34	89.59 -9.39 -3.13	90.25 -7.74 -2.34	89.79 -9.31 -3.06	92.68 -7.01 -3.64	90.69 -8.84 -3.40	88.08 -7.76 0.02	88.02 -7.56 0.08	57.09 -6.55 -2.98	58.74 -6.64 -4.46	60.19 -6.19 -5.66
INDECK___OSWEGO 23783	67.28 0.70 -2.75	63.70 0.55 -2.17	64.02 0.37 -2.73	63.71 0.37 -2.42	63.59 0.18 -2.55	63.24 0.18 -2.20	63.86 0.12 -3.01	63.58 0.18 -2.75	92.98 -0.28 0.00	95.56 -0.10 0.00	95.95 0.19 0.00	96.53 0.58 0.00	96.05 0.19 0.00	95.86 0.10 0.00	95.95 0.10 0.00	95.29 -0.19 0.17	96.73 0.19 -0.49	96.31 0.10 -0.17	101.29 0.29 -4.86	96.99 0.10 -1.04	96.88 -0.19 -1.42	64.92 0.06 -4.20	63.37 0.18 -2.27	63.79 0.18 -2.88
INDECK___YERKES 23781	64.70 -3.77 -4.64	60.74 -3.90 -3.65	61.56 -3.96 -4.60	61.04 -3.96 -4.08	60.89 -4.26 -4.29	60.18 -4.38 -3.70	60.22 -5.59 -5.08	59.22 -6.07 -4.63	81.96 -11.29 0.01	84.18 -11.48 -0.01	86.72 -11.59 -2.55	87.06 -11.32 -2.43	86.76 -12.08 -2.98	86.24 -12.35 -2.83	86.23 -12.27 -2.65	84.60 -13.01 -1.95	86.44 -12.29 -2.69	86.68 -12.48 -3.11	88.42 -11.54 -3.82	83.82 -12.55 -0.52	83.40 -12.63 -0.37	57.26 -6.74 -3.33	59.01 -5.73 -3.82	60.78 -4.80 -4.85
INDIAN POINT_GT_1 24139	93.54 3.70 -26.01	85.02 3.54 -20.50	90.12 3.41 -25.79	87.22 3.41 -22.88	88.32 3.41 -24.05	84.96 3.35 -20.75	92.47 3.28 -28.46	90.06 3.46 -25.95	98.71 5.41 -0.05	107.36 5.64 -6.06	115.55 5.65 -14.14	115.55 5.76 -13.84	118.78 5.94 -16.98	116.50 5.84 -14.90	115.65 5.85 -13.94	112.96 5.93 -11.38	118.95 6.15 -16.76	119.54 6.24 -17.25	148.41 6.35 -45.93	119.27 6.13 -17.28	115.53 6.03 -13.85	104.27 3.94 -39.66	86.37 4.02 -21.43	91.51 3.58 -27.20
INDIAN POINT_GT_2 23659	93.54 3.70 -26.01	85.02 3.54 -20.50	90.12 3.41 -25.79	87.22 3.41 -22.88	88.32 3.41 -24.05	84.96 3.35 -20.75	92.47 3.28 -28.46	90.06 3.46 -25.95	98.71 5.41 -0.05	107.36 5.64 -6.06	115.55 5.65 -14.14	115.55 5.76 -13.84	118.78 5.94 -16.98	116.50 5.84 -14.90	115.65 5.85 -13.94	112.96 5.93 -11.38	118.95 6.15 -16.76	119.54 6.24 -17.25	148.41 6.35 -45.93	119.27 6.13 -17.28	115.53 6.03 -13.85	104.27 3.94 -39.66	86.37 4.02 -21.43	91.51 3.58 -27.20
INDIAN POINT_GT_3 24019	93.54 3.70 -26.01	85.02 3.54 -20.50	90.12 3.41 -25.79	87.22 3.41 -22.88	88.32 3.41 -24.05	84.96 3.35 -20.75	92.47 3.28 -28.46	90.06 3.46 -25.95	98.71 5.41 -0.05	107.36 5.64 -6.06	115.55 5.65 -14.14	115.55 5.76 -13.84	118.78 5.94 -16.98	116.50 5.84 -14.90	115.65 5.85 -13.94	112.96 5.93 -11.38	118.95 6.15 -16.76	119.54 6.24 -17.25	148.41 6.35 -45.93	119.27 6.13 -17.28	115.53 6.03 -13.85	104.27 3.94 -39.66	86.37 4.02 -21.43	91.51 3.58 -27.20
INDIAN POINT___2 23530	93.06 3.57 -25.66	84.68 3.47 -20.22	89.65 3.29 -25.44	86.79 3.29 -22.58	87.88 3.28 -23.73	84.62 3.28 -20.47	92.02 3.22 -28.08	89.59 3.33 -25.60	98.52 5.22 -0.05	107.07 5.45 -5.97	115.15 5.46 -13.94	115.16 5.56 -13.65	118.35 5.75 -16.74	116.10 5.65 -14.69	115.26 5.65 -13.75	112.61 5.74 -11.22	118.63 6.05 -16.53	119.11 6.05 -17.01	147.61 6.16 -45.31	118.84 5.95 -17.04	115.15 5.84 -13.66	103.62 3.82 -39.13	86.02 3.96 -21.14	91.02 3.46 -26.84
INDIAN POINT___3 23531	93.49 3.64 -26.03	85.04 3.54 -20.51	90.08 3.35 -25.81	87.17 3.35 -22.90	88.28 3.35 -24.07	84.98 3.35 -20.77	92.49 3.28 -28.48	90.02 3.40 -25.97	98.62 5.32 -0.05	107.27 5.55 -6.07	115.46 5.55 -14.15	115.46 5.66 -13.85	118.70 5.85 -16.99	116.41 5.75 -14.91	115.56 5.75 -13.95	112.87 5.83 -11.38	118.87 6.05 -16.77	119.46 6.15 -17.27	148.35 6.25 -45.96	119.18 6.04 -17.29	115.44 5.93 -13.86	104.24 3.88 -39.69	86.33 3.96 -21.44	91.47 3.52 -27.22
INGHAM_C_115KV_TB7 356103	64.46 0.64 0.00	61.48 0.49 0.00	61.35 0.43 0.00	61.35 0.43 0.00	61.29 0.43 0.00	61.29 0.43 0.00	61.21 0.49 0.00	61.20 0.55 0.00	94.10 0.84 0.00	96.61 0.96 0.00	96.81 1.05 0.00	97.10 1.15 0.00	97.10 1.25 0.00	97.00 1.24 0.00	97.10 1.25 0.00	96.88 1.24 0.02	97.00 0.96 0.00	97.29 1.25 0.00	97.49 1.35 0.00	97.29 1.44 0.00	96.71 1.05 0.00	61.27 0.61 0.00	61.53 0.61 0.00	61.27 0.55 0.00
IP CORINTH___1 23988	102.24 5.23 -33.19	92.02 4.88 -26.15	98.64 4.81 -32.90	94.87 4.75 -29.19	96.30 4.75 -30.69	92.09 4.75 -26.48	101.66 4.62 -36.32	98.49 4.73 -33.11	101.01 7.55 -0.20	169.18 7.94 -65.58	170.48 8.04 -66.68	171.51 8.06 -67.51	186.81 8.05 -82.90	168.90 7.85 -65.29	164.54 7.57 -61.11	153.33 7.75 -49.93	162.96 7.97 -58.94	174.97 8.16 -70.76	162.71 7.98 -58.60	148.74 7.67 -45.22	122.16 7.46 -19.04	116.00 4.73 -50.60	93.08 4.81 -27.34	100.05 4.62 -34.70

IP___TICONDEROGA 23804	103.55 6.57 -33.15	93.08 5.98 -26.12	99.76 5.97 -32.86	95.93 5.85 -29.16	97.36 5.84 -30.65	93.21 5.90 -26.45	102.77 5.77 -36.27	99.61 5.88 -33.07	103.06 9.61 -0.20	170.43 9.85 -64.92	171.93 10.05 -66.11	173.04 10.17 -66.92	188.20 10.16 -82.19	170.37 9.86 -64.75	166.04 9.59 -60.60	155.02 9.85 -49.52	165.01 10.47 -58.50	176.99 10.76 -70.19	165.05 10.38 -58.53	150.76 9.97 -44.93	124.23 9.57 -19.01	117.03 5.82 -50.54	94.08 5.85 -27.31	100.97 5.59 -34.66
ISLIP_RES_REC 323679	136.43 6.70 -65.91	121.62 6.28 -54.35	114.82 6.09 -47.81	113.02 6.09 -46.01	91.18 6.03 -24.30	95.73 6.03 -28.85	95.18 5.71 -28.75	100.48 6.01 -33.82	126.67 9.32 -24.09	146.35 9.76 -40.94	153.94 9.57 -48.60	153.98 9.79 -48.24	153.16 9.88 -47.43	151.06 9.87 -45.44	150.13 9.97 -44.31	153.16 10.04 -47.46	151.35 10.38 -44.93	154.96 10.18 -48.74	244.61 10.09 -138.38	150.79 10.36 -44.58	148.55 10.13 -42.76	145.37 6.61 -78.09	119.22 6.64 -51.66	94.27 6.07 -27.47
JAMAICA__27_KV_LOAD 355505	94.57 4.47 -26.28	85.97 4.27 -20.71	90.94 3.96 -26.06	88.00 3.96 -23.12	89.12 3.96 -24.30	85.85 4.02 -20.97	93.49 4.01 -28.76	91.18 4.31 -26.22	100.20 6.90 -0.05	108.86 7.08 -6.12	117.23 7.18 -14.28	117.23 7.29 -13.98	120.58 7.57 -17.16	118.18 7.37 -15.05	117.42 7.48 -14.09	114.80 7.65 -11.49	120.95 7.97 -16.93	121.64 8.16 -17.43	150.81 8.27 -46.40	121.36 8.05 -17.46	117.59 7.94 -13.99	105.83 5.10 -40.07	87.69 5.12 -21.65	92.70 4.49 -27.48
JANIS___SOLAR 323808	74.17 2.87 -7.48	69.56 2.68 -5.89	70.71 2.37 -7.41	69.81 2.31 -6.58	69.78 2.01 -6.91	68.96 2.13 -5.96	70.91 2.00 -8.18	70.18 2.06 -7.46	95.84 2.52 -0.06	101.42 2.48 -3.28	104.08 2.68 -5.64	104.50 2.98 -5.58	105.37 2.68 -6.83	104.37 2.78 -5.83	104.19 2.87 -5.46	102.85 2.78 -4.42	106.70 3.36 -7.30	106.78 3.74 -7.00	124.79 3.46 -25.19	112.13 3.26 -13.02	108.23 2.78 -9.80	83.97 1.64 -21.66	68.66 1.58 -6.16	70.18 1.64 -7.82
JARVIS____ 23743	64.53 0.70 0.00	61.60 0.61 0.00	61.53 0.61 0.00	61.53 0.61 0.00	61.47 0.61 0.00	61.47 0.61 0.00	61.33 0.61 0.00	61.26 0.61 0.00	94.09 0.84 0.00	96.61 0.96 0.00	96.72 0.96 0.00	96.91 0.96 0.00	96.81 0.96 0.00	96.72 0.96 0.00	96.81 0.96 0.00	96.59 0.96 0.02	97.10 1.06 0.00	97.10 1.06 0.00	97.20 1.06 0.00	96.81 0.96 0.00	96.61 0.96 0.00	61.27 0.61 0.00	61.59 0.67 0.00	61.33 0.61 0.00
JENNISON___1 23625	76.39 3.13 -9.44	71.35 2.93 -7.43	73.02 2.74 -9.36	71.84 2.62 -8.30	71.96 2.37 -8.73	70.76 2.37 -7.53	73.36 2.31 -10.33	72.37 2.30 -9.41	96.56 3.26 -0.04	104.28 3.44 -5.18	107.84 3.83 -8.25	108.06 3.93 -8.18	109.63 3.74 -10.03	108.06 3.83 -8.47	107.62 3.83 -7.93	105.78 3.73 -6.40	109.00 4.13 -8.82	110.04 4.42 -9.58	119.20 3.94 -19.12	109.08 3.93 -9.30	105.40 3.44 -6.30	79.16 2.00 -16.50	70.71 2.01 -7.77	72.60 2.00 -9.87
JENNISON___2 23626	76.39 3.13 -9.44	71.35 2.93 -7.43	73.02 2.74 -9.36	71.84 2.62 -8.30	71.96 2.37 -8.73	70.76 2.37 -7.53	73.36 2.31 -10.33	72.37 2.30 -9.41	96.56 3.26 -0.04	104.28 3.44 -5.18	107.84 3.83 -8.25	108.06 3.93 -8.18	109.63 3.74 -10.03	108.06 3.83 -8.47	107.62 3.83 -7.93	105.78 3.73 -6.40	109.00 4.13 -8.82	110.04 4.42 -9.58	119.20 3.94 -19.12	109.08 3.93 -9.30	105.40 3.44 -6.30	79.16 2.00 -16.50	70.71 2.01 -7.77	72.60 2.00 -9.87
JERICHO_RISE_WT_PWR 323719	62.87 -0.96 0.00	60.13 -0.85 0.00	60.13 -0.79 0.00	59.95 -0.98 0.00	59.95 -0.91 0.00	59.95 -0.91 0.00	59.63 -1.09 0.00	59.57 -1.09 0.00	91.48 -1.77 0.00	93.64 -2.01 0.00	93.56 -2.20 0.00	93.45 -2.50 0.00	93.46 -2.39 0.00	93.37 -2.39 0.00	93.27 -2.58 0.00	93.35 -2.30 0.01	93.46 -2.59 0.00	93.55 -2.50 0.00	93.93 -2.21 0.00	94.13 -1.72 0.00	94.60 -1.05 0.00	59.88 -0.79 0.00	59.64 -1.28 0.00	59.45 -1.28 0.00
KATONAH___115KV_46KV_TB4 355592	94.90 4.47 -26.61	86.22 4.27 -20.96	91.38 4.08 -26.38	88.53 4.20 -23.41	89.67 4.20 -24.60	86.23 4.14 -21.23	93.85 4.01 -29.12	91.44 4.25 -26.54	99.92 6.62 -0.05	108.78 6.89 -6.24	117.15 6.89 -14.49	117.14 7.00 -14.19	120.55 7.28 -17.41	118.11 7.09 -15.27	117.24 7.09 -14.29	114.49 7.17 -11.66	120.61 7.40 -17.17	121.12 7.40 -17.68	150.81 7.69 -46.98	120.73 7.19 -17.69	116.90 7.08 -14.17	105.91 4.67 -40.57	87.53 4.69 -21.92	92.74 4.19 -27.82
KCE_NY_1 323755	101.51 4.60 -33.09	91.33 4.27 -26.07	97.99 4.26 -32.81	94.23 4.20 -29.11	95.60 4.14 -30.60	91.46 4.20 -26.40	101.01 4.07 -36.21	97.73 4.06 -33.01	99.89 6.43 -0.20	166.33 6.69 -63.99	167.87 6.80 -65.31	168.97 6.91 -66.11	184.03 6.99 -81.18	166.54 6.80 -63.98	162.45 6.71 -59.89	151.38 6.79 -48.93	160.92 7.01 -57.87	172.53 7.11 -69.38	161.58 7.01 -58.43	147.19 6.81 -44.53	121.30 6.69 -18.95	115.30 4.18 -50.46	92.45 4.26 -27.26	99.40 4.07 -34.60
KCE_NY_6_ESR 323823	64.95 -3.77 -4.90	60.94 -3.90 -3.86	61.88 -3.90 -4.85	61.33 -3.90 -4.31	61.19 -4.20 -4.53	60.39 -4.38 -3.91	60.74 -5.34 -5.36	59.78 -5.76 -4.88	83.08 -10.16 0.01	85.33 -10.33 -0.01	88.12 -10.34 -2.70	88.45 -10.07 -2.58	88.57 -10.45 -3.16	88.33 -10.44 -3.00	87.93 -10.73 -2.81	86.74 -11.00 -2.08	88.01 -10.85 -2.82	88.87 -10.47 -3.29	89.22 -10.67 -3.75	85.12 -11.12 -0.39	85.01 -10.91 -0.26	57.45 -6.49 -3.28	59.29 -5.66 -4.03	60.81 -5.04 -5.12
KEDC_PORT_JEFF_GT2 24210	136.05 6.32 -65.91	121.32 5.98 -54.35	114.45 5.72 -47.81	112.72 5.79 -46.01	90.82 5.66 -24.30	95.37 5.66 -28.85	94.88 5.40 -28.75	100.11 5.64 -33.82	126.21 8.86 -24.09	145.77 9.18 -40.94	153.36 9.00 -48.60	153.41 9.21 -48.25	152.49 9.20 -47.43	150.48 9.29 -45.44	149.56 9.40 -44.31	152.59 9.47 -47.47	150.78 9.80 -44.93	154.61 9.80 -48.77	263.58 9.71 -157.73	150.23 9.78 -44.59	147.97 9.56 -42.76	145.01 6.25 -78.09	118.91 6.34 -51.66	93.97 5.77 -27.47
KEDC_PORT_JEFF_GT3 24211	136.05 6.32 -65.91	121.32 5.98 -54.35	114.45 5.72 -47.81	112.72 5.79 -46.01	90.82 5.66 -24.30	95.37 5.66 -28.85	94.88 5.40 -28.75	100.11 5.64 -33.82	126.21 8.86 -24.09	145.77 9.18 -40.94	153.36 9.00 -48.60	153.41 9.21 -48.25	152.49 9.20 -47.43	150.48 9.29 -45.44	149.56 9.40 -44.31	152.59 9.47 -47.47	150.78 9.80 -44.93	154.61 9.80 -48.77	263.58 9.71 -157.73	150.23 9.78 -44.59	147.97 9.56 -42.76	145.01 6.25 -78.09	118.91 6.34 -51.66	93.97 5.77 -27.47
KEDC_GLWD_GT4 24219	134.97 5.23 -65.91	120.34 5.00 -54.35	113.48 4.76 -47.81	111.74 4.81 -46.01	89.91 4.75 -24.30	94.46 4.75 -28.85	94.09 4.61 -28.75	99.33 4.85 -33.82	124.81 7.46 -24.09	144.53 7.93 -40.94	152.31 7.94 -48.60	152.31 8.15 -48.21	151.62 8.34 -47.43	149.33 8.13 -45.44	148.41 8.24 -44.31	151.31 8.23 -47.43	149.48 8.54 -44.89	153.33 8.65 -48.64	166.27 8.75 -61.38	148.93 8.53 -44.55	146.73 8.32 -42.76	144.16 5.40 -78.09	118.06 5.49 -51.66	93.18 4.98 -27.47
KEDC_GLWD_GT5 24220	134.97 5.23 -65.91	120.34 5.00 -54.35	113.48 4.76 -47.81	111.74 4.81 -46.01	89.91 4.75 -24.30	94.46 4.75 -28.85	94.09 4.61 -28.75	99.33 4.85 -33.82	124.81 7.46 -24.09	144.53 7.93 -40.94	152.31 7.94 -48.60	152.31 8.15 -48.21	151.62 8.34 -47.43	149.33 8.13 -45.44	148.41 8.24 -44.31	151.31 8.23 -47.43	149.48 8.54 -44.89	153.33 8.65 -48.64	166.27 8.75 -61.38	148.93 8.53 -44.55	146.73 8.32 -42.76	144.16 5.40 -78.09	118.06 5.49 -51.66	93.18 4.98 -27.47

KENSICO____ 23655	93.94 3.89 -26.22	85.43 3.78 -20.66	90.52 3.59 -26.00	87.59 3.59 -23.07	88.70 3.59 -24.25	85.38 3.59 -20.92	92.95 3.52 -28.70	90.52 3.70 -26.16	98.99 5.69 -0.05	107.70 5.93 -6.11	115.95 5.94 -14.26	115.95 6.04 -13.96	119.21 6.23 -17.12	116.91 6.13 -15.02	116.14 6.23 -14.06	113.44 6.31 -11.47	119.47 6.53 -16.90	120.07 6.63 -17.40	149.17 6.73 -46.30	119.79 6.52 -17.42	116.03 6.41 -13.96	104.84 4.19 -39.99	86.79 4.26 -21.60	91.91 3.77 -27.42
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	93.18 4.15 -25.21	84.94 4.09 -19.86	89.75 3.84 -24.99	87.06 3.96 -22.17	88.07 3.90 -23.31	84.93 3.96 -20.11	92.26 3.95 -27.58	89.80 4.00 -25.15	99.55 6.25 -0.05	109.49 6.41 -7.42	116.99 6.22 -15.01	116.85 6.14 -14.76	120.28 6.33 -18.10	117.67 6.22 -15.68	116.96 6.42 -14.68	114.14 6.50 -11.98	120.12 6.82 -17.25	121.09 7.01 -18.03	147.86 7.21 -44.51	119.93 6.71 -17.37	115.81 6.70 -13.46	103.41 4.31 -38.43	86.14 4.45 -20.77	91.03 3.95 -26.36
KIAC_JFK_GT1 23816	94.00 3.89 -26.28	85.42 3.72 -20.71	90.39 3.41 -26.06	87.45 3.41 -23.12	88.51 3.35 -24.30	85.24 3.41 -20.97	92.95 3.46 -28.76	90.63 3.76 -26.22	99.27 5.97 -0.05	108.00 6.22 -6.12	116.27 6.22 -14.28	116.27 6.33 -13.98	119.62 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	120.08 7.11 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.50 7.19 -17.46	116.63 6.98 -13.99	105.23 4.49 -40.07	87.08 4.51 -21.65	92.09 3.89 -27.48
KIAC_JFK_GT2 23817	94.00 3.89 -26.28	85.42 3.72 -20.71	90.39 3.41 -26.06	87.45 3.41 -23.12	88.51 3.35 -24.30	85.24 3.41 -20.97	92.95 3.46 -28.76	90.63 3.76 -26.22	99.27 5.97 -0.05	108.00 6.22 -6.12	116.27 6.22 -14.28	116.27 6.33 -13.98	119.62 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	120.08 7.11 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.50 7.19 -17.46	116.63 6.98 -13.99	105.23 4.49 -40.07	87.08 4.51 -21.65	92.09 3.89 -27.48
KIAC_JFK____ 323774	94.00 3.89 -26.28	85.42 3.72 -20.71	90.39 3.41 -26.06	87.45 3.41 -23.12	88.51 3.35 -24.30	85.24 3.41 -20.97	92.94 3.46 -28.76	90.63 3.76 -26.22	99.28 5.97 -0.05	107.91 6.13 -6.12	116.26 6.22 -14.28	116.27 6.33 -13.98	119.62 6.61 -17.16	117.32 6.51 -15.05	116.55 6.61 -14.09	113.84 6.69 -11.49	120.08 7.11 -16.93	120.68 7.21 -17.43	149.84 7.30 -46.40	120.40 7.09 -17.46	116.63 6.98 -13.99	105.23 4.49 -40.07	87.08 4.51 -21.65	92.10 3.89 -27.48
KINTIGH____ 23543	64.79 -3.19 -4.16	60.97 -3.29 -3.28	61.70 -3.35 -4.12	61.23 -3.35 -3.66	61.12 -3.59 -3.85	60.53 -3.65 -3.32	60.72 -4.55 -4.55	59.83 -4.97 -4.15	82.81 -10.44 0.01	85.14 -10.52 -0.01	87.59 -10.44 -2.27	88.03 -10.07 -2.16	87.39 -11.12 -2.65	87.07 -11.20 -2.52	87.09 -11.12 -2.35	84.74 -12.63 -1.71	86.86 -11.62 -2.44	86.82 -12.01 -2.79	88.53 -11.54 -3.92	84.05 -12.56 -0.75	83.79 -12.44 -0.57	58.07 -6.01 -3.41	59.66 -4.69 -3.43	60.95 -4.13 -4.35
KNTFSRNC_46_KV_46KV_LOAD 80397	64.33 0.51 0.00	61.54 0.55 0.00	61.53 0.61 0.00	61.29 0.37 0.00	61.23 0.37 0.00	61.29 0.43 0.00	60.79 0.06 0.00	60.72 0.06 0.00	92.79 -0.47 0.00	94.99 -0.67 0.00	94.80 -0.96 0.00	94.70 -1.25 0.00	94.70 -1.15 0.00	94.42 -1.34 0.00	94.42 -1.44 0.00	94.59 -1.05 0.01	94.70 -1.34 0.00	94.80 -1.25 0.00	95.37 -0.77 0.00	95.38 -0.48 0.00	95.94 0.29 0.00	60.91 0.24 0.00	60.68 -0.24 0.00	60.67 -0.06 0.00
LACHUTE__HYDRO 323717	103.55 6.58 -33.15	93.09 5.98 -26.12	99.76 5.97 -32.86	95.93 5.85 -29.16	97.36 5.84 -30.65	93.21 5.90 -26.45	102.77 5.77 -36.27	99.60 5.88 -33.07	102.87 9.41 -0.20	170.43 9.85 -64.92	171.92 10.05 -66.11	173.04 10.17 -66.92	188.20 10.16 -82.19	170.37 9.87 -64.75	166.04 9.58 -60.60	155.12 9.95 -49.52	165.01 10.47 -58.50	176.98 10.75 -70.19	165.15 10.48 -58.53	150.76 9.97 -44.93	124.23 9.56 -19.01	117.03 5.82 -50.54	94.08 5.85 -27.31	100.97 5.58 -34.66
LAWRNCAL_115KV_TB1 80681	63.44 -0.38 0.00	60.68 -0.30 0.00	60.74 -0.18 0.00	60.56 -0.37 0.00	60.56 -0.30 0.00	60.62 -0.24 0.00	60.60 -0.12 0.00	60.60 -0.06 0.00	93.07 -0.19 0.00	95.37 -0.29 0.00	95.38 -0.38 0.00	95.28 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.57 0.00	95.18 -0.67 0.00	94.96 -0.67 0.03	94.60 -1.44 0.00	94.32 -1.73 0.00	94.51 -1.63 0.00	94.80 -1.05 0.00	95.37 -0.29 0.00	60.61 -0.06 0.00	60.50 -0.43 0.00	60.42 -0.30 0.00
LEDERLE____ 23769	92.83 3.70 -25.30	84.53 3.60 -19.94	89.42 3.41 -25.09	86.59 3.41 -22.26	87.67 3.41 -23.40	84.46 3.41 -20.19	91.76 3.34 -27.69	89.42 3.52 -25.24	98.80 5.50 -0.05	107.27 5.74 -5.88	115.25 5.75 -13.74	115.16 5.76 -13.45	118.30 5.94 -16.50	116.08 5.84 -14.48	115.35 5.94 -13.55	112.74 6.03 -11.06	118.58 6.24 -16.29	119.16 6.34 -16.77	147.26 6.44 -44.68	118.89 6.23 -16.80	115.25 6.12 -13.47	103.19 3.94 -38.58	85.85 4.08 -20.85	90.77 3.58 -26.46
LIGHTHSE_115KV_TB6 355974	66.98 0.70 -2.45	63.47 0.55 -1.93	63.72 0.37 -2.43	63.44 0.37 -2.15	63.31 0.18 -2.26	62.94 0.12 -1.95	63.47 0.06 -2.68	63.22 0.12 -2.44	92.98 -0.28 0.00	95.46 -0.19 0.00	95.95 0.19 0.00	96.33 0.38 0.00	95.85 0.00 0.00	95.76 0.00 0.00	95.85 0.00 0.00	95.31 -0.19 0.16	96.48 0.00 -0.44	96.29 0.10 -0.15	100.56 0.10 -4.32	96.78 0.00 -0.92	96.63 -0.29 -1.26	64.40 0.00 -3.73	63.12 0.18 -2.02	63.53 0.24 -2.56
LINDEN COGEN____ 23786	77.43 3.64 -9.97	76.23 3.54 -11.71	76.23 3.29 -12.02	76.23 3.41 -11.90	76.23 3.35 -12.02	76.23 3.35 -12.02	76.23 3.22 -12.29	78.28 3.46 -14.17	78.24 5.31 20.33	80.19 5.64 21.11	80.19 5.65 21.22	80.19 5.76 21.52	80.19 5.95 21.61	80.19 5.84 21.41	80.19 5.95 21.61	78.44 6.03 23.25	77.54 6.34 24.84	76.23 6.44 26.25	82.65 6.54 20.03	76.23 6.32 25.95	76.23 6.13 25.55	76.23 4.07 -11.50	76.23 4.20 -11.11	76.23 3.64 -11.86
LINDHRST_69_KV_BK1 356055	135.86 6.13 -65.91	121.19 5.85 -54.35	114.33 5.60 -47.81	112.59 5.67 -46.01	90.70 5.54 -24.30	95.25 5.54 -28.85	94.82 5.34 -28.75	100.11 5.64 -33.82	126.11 8.77 -24.09	145.77 9.18 -40.94	153.46 9.10 -48.60	153.37 9.21 -48.21	152.68 9.39 -47.43	150.48 9.29 -45.43	149.55 9.39 -44.31	152.46 9.37 -47.43	150.64 9.70 -44.89	154.00 9.32 -48.64	172.04 9.33 -66.57	150.09 9.68 -44.55	147.98 9.57 -42.76	144.95 6.19 -78.09	118.85 6.27 -51.66	93.91 5.71 -27.47
LIPA_MISC_IPP 23656	135.86 6.13 -65.91	121.13 5.79 -54.35	114.33 5.60 -47.81	112.53 5.60 -46.01	90.70 5.54 -24.30	95.25 5.54 -28.85	94.70 5.22 -28.75	99.93 5.46 -33.82	126.02 8.67 -24.09	145.49 8.90 -40.94	152.98 8.62 -48.60	153.12 8.92 -48.25	152.11 8.82 -47.43	150.10 8.91 -45.43	149.17 9.01 -44.31	152.30 9.18 -47.46	150.48 9.51 -44.93	154.22 9.41 -48.76	256.42 9.33 -150.96	149.84 9.39 -44.59	147.59 9.18 -42.76	144.77 6.01 -78.09	118.67 6.09 -51.66	93.79 5.59 -27.47
LISF__SOLAR 323691	135.99 6.26 -65.91	121.25 5.91 -54.35	114.45 5.72 -47.81	112.65 5.72 -46.01	90.82 5.66 -24.30	95.37 5.66 -28.85	94.76 5.28 -28.75	100.05 5.58 -33.82	126.11 8.76 -24.09	145.58 8.99 -40.94	153.17 8.80 -48.60	153.31 9.12 -48.25	152.29 9.01 -47.43	150.39 9.19 -45.44	149.36 9.20 -44.31	152.50 9.38 -47.46	150.67 9.70 -44.93	154.50 9.70 -48.76	256.09 9.61 -150.34	150.03 9.58 -44.59	147.79 9.38 -42.76	144.95 6.19 -78.09	118.80 6.22 -51.66	93.85 5.65 -27.47

LITTLE FALLS___HYD 24013	64.46 0.64 0.00	61.48 0.49 0.00	61.35 0.43 0.00	61.35 0.43 0.00	61.29 0.43 0.00	61.29 0.43 0.00	61.21 0.49 0.00	61.20 0.55 0.00	94.10 0.84 0.00	96.61 0.96 0.00	96.81 1.05 0.00	97.10 1.15 0.00	97.10 1.25 0.00	97.00 1.24 0.00	97.10 1.25 0.00	96.88 1.24 0.02	97.00 0.96 0.00	97.29 1.25 0.00	97.49 1.35 0.00	97.29 1.44 0.00	96.71 1.05 0.00	61.27 0.61 0.00	61.53 0.61 0.00	61.27 0.55 0.00
LITTLRIV_115KV_TB1 356100	64.59 0.32 -0.44	61.70 0.37 -0.35	61.79 0.43 -0.44	61.62 0.30 -0.39	61.58 0.30 -0.41	61.52 0.30 -0.35	61.70 0.49 -0.48	61.70 0.61 -0.44	94.00 0.75 0.00	96.32 0.67 0.00	96.33 0.57 0.00	96.14 0.19 0.00	96.05 0.19 0.00	96.14 0.38 0.00	96.14 0.29 0.00	96.11 0.48 0.03	95.74 -0.38 -0.08	95.59 -0.48 -0.03	96.44 -0.48 -0.78	96.12 0.10 -0.17	96.65 0.77 -0.23	61.89 0.55 -0.67	61.47 0.18 -0.36	61.55 0.36 -0.46
LI_NEWBRDGE___DRP 323616	134.52 4.79 -65.91	119.91 4.57 -54.35	113.11 4.39 -47.81	111.31 4.39 -46.01	89.54 4.38 -24.30	94.03 4.32 -28.85	93.67 4.19 -28.75	98.90 4.43 -33.82	124.24 6.90 -24.09	143.76 7.17 -40.94	151.45 7.09 -48.60	151.35 7.20 -48.20	150.67 7.38 -47.43	148.47 7.28 -45.43	147.54 7.38 -44.31	150.54 7.46 -47.42	148.62 7.68 -44.89	152.46 7.78 -48.64	165.41 7.88 -61.38	148.07 7.67 -44.55	145.97 7.56 -42.76	143.67 4.91 -78.09	117.63 5.06 -51.66	92.69 4.49 -27.47
LOCKPORT_115KV_TB60_63_64 80432	64.02 -4.28 -4.47	60.12 -4.39 -3.52	60.91 -4.45 -4.43	60.41 -4.45 -3.93	60.25 -4.75 -4.13	59.62 -4.81 -3.57	59.79 -5.83 -4.89	58.69 -6.43 -4.46	81.13 -12.12 0.01	83.51 -12.15 -0.01	85.95 -12.26 -2.45	86.29 -11.99 -2.34	85.88 -12.84 -2.87	85.65 -12.83 -2.72	85.46 -12.94 -2.55	83.37 -14.16 -1.87	85.39 -13.25 -2.60	85.79 -13.25 -3.00	87.49 -12.50 -3.85	83.04 -13.42 -0.61	82.80 -13.30 -0.44	57.35 -6.67 -3.36	58.51 -6.09 -3.68	60.12 -5.28 -4.67
LOCKPORT___CC1 323769	63.98 -4.34 -4.50	60.08 -4.45 -3.55	60.94 -4.44 -4.46	60.37 -4.51 -3.96	60.28 -4.75 -4.16	59.58 -4.87 -3.59	59.76 -5.89 -4.92	58.71 -6.43 -4.49	81.22 -12.03 0.01	83.42 -12.24 -0.01	85.78 -12.45 -2.47	86.21 -12.09 -2.35	85.80 -12.94 -2.89	85.28 -13.22 -2.74	85.38 -13.04 -2.56	83.57 -13.97 -1.88	85.50 -13.15 -2.61	85.62 -13.45 -3.02	87.48 -12.50 -3.84	82.73 -13.71 -0.58	82.69 -13.39 -0.42	57.15 -6.86 -3.34	58.48 -6.15 -3.71	60.09 -5.34 -4.71
LOCKPORT___CC2 323770	63.98 -4.34 -4.50	60.08 -4.45 -3.55	60.94 -4.44 -4.46	60.37 -4.51 -3.96	60.28 -4.75 -4.16	59.58 -4.87 -3.59	59.76 -5.89 -4.92	58.71 -6.43 -4.49	81.22 -12.03 0.01	83.42 -12.24 -0.01	85.78 -12.45 -2.47	86.21 -12.09 -2.35	85.80 -12.94 -2.89	85.28 -13.22 -2.74	85.38 -13.04 -2.56	83.57 -13.97 -1.88	85.50 -13.15 -2.61	85.62 -13.45 -3.02	87.48 -12.50 -3.84	82.73 -13.71 -0.58	82.69 -13.39 -0.42	57.15 -6.86 -3.34	58.48 -6.15 -3.71	60.09 -5.34 -4.71
LOCKPORT___CC3 323771	63.98 -4.34 -4.50	60.08 -4.45 -3.55	60.94 -4.44 -4.46	60.37 -4.51 -3.96	60.28 -4.75 -4.16	59.58 -4.87 -3.59	59.76 -5.89 -4.92	58.71 -6.43 -4.49	81.22 -12.03 0.01	83.42 -12.24 -0.01	85.78 -12.45 -2.47	86.21 -12.09 -2.35	85.80 -12.94 -2.89	85.28 -13.22 -2.74	85.38 -13.04 -2.56	83.57 -13.97 -1.88	85.50 -13.15 -2.61	85.62 -13.45 -3.02	87.48 -12.50 -3.84	82.73 -13.71 -0.58	82.69 -13.39 -0.42	57.15 -6.86 -3.34	58.48 -6.15 -3.71	60.09 -5.34 -4.71
LONG_LAKE_PHOENIX 24014	66.93 0.32 -2.79	63.37 0.18 -2.20	63.62 -0.06 -2.76	63.37 0.00 -2.45	63.26 -0.18 -2.58	62.96 -0.12 -2.22	63.53 -0.24 -3.05	63.19 -0.24 -2.78	92.32 -0.93 0.00	94.89 -0.77 0.00	95.28 -0.48 0.00	95.85 -0.10 0.00	95.38 -0.48 0.00	95.18 -0.57 0.00	95.28 -0.58 0.00	94.61 -0.86 0.18	95.97 -0.58 -0.50	95.64 -0.58 -0.17	100.58 -0.48 -4.92	96.33 -0.58 -1.05	96.23 -0.86 -1.44	64.55 -0.36 -4.25	63.04 -0.18 -2.30	63.46 -0.18 -2.91
LOVETT___3 23632	92.67 3.45 -25.40	84.35 3.35 -20.01	89.27 3.17 -25.18	86.49 3.23 -22.34	87.51 3.16 -23.49	84.29 3.16 -20.26	91.61 3.10 -27.79	89.27 3.28 -25.33	98.43 5.13 -0.05	106.81 5.26 -5.90	114.82 5.27 -13.79	114.82 5.37 -13.50	117.98 5.56 -16.56	115.75 5.46 -14.53	115.02 5.56 -13.60	112.40 5.64 -11.10	118.26 5.86 -16.35	118.83 5.95 -16.84	146.94 5.96 -44.84	118.57 5.85 -16.86	114.82 5.64 -13.52	103.09 3.70 -38.72	85.68 3.84 -20.92	90.62 3.34 -26.56
LOVETT___4 23642	92.67 3.45 -25.40	84.35 3.35 -20.01	89.27 3.17 -25.18	86.49 3.23 -22.34	87.51 3.16 -23.49	84.29 3.16 -20.26	91.61 3.10 -27.79	89.27 3.28 -25.33	98.43 5.13 -0.05	106.81 5.26 -5.90	114.82 5.27 -13.79	114.82 5.37 -13.50	117.98 5.56 -16.56	115.75 5.46 -14.53	115.02 5.56 -13.60	112.40 5.64 -11.10	118.26 5.86 -16.35	118.83 5.95 -16.84	146.94 5.96 -44.84	118.57 5.85 -16.86	114.82 5.64 -13.52	103.09 3.70 -38.72	85.68 3.84 -20.92	90.62 3.34 -26.56
LOVETT___5 23593	92.67 3.45 -25.40	84.35 3.35 -20.01	89.27 3.17 -25.18	86.49 3.23 -22.34	87.51 3.16 -23.49	84.29 3.16 -20.26	91.61 3.10 -27.79	89.27 3.28 -25.33	98.43 5.13 -0.05	106.81 5.26 -5.90	114.82 5.27 -13.79	114.82 5.37 -13.50	117.98 5.56 -16.56	115.75 5.46 -14.53	115.02 5.56 -13.60	112.40 5.64 -11.10	118.26 5.86 -16.35	118.83 5.95 -16.84	146.94 5.96 -44.84	118.57 5.85 -16.86	114.82 5.64 -13.52	103.09 3.70 -38.72	85.68 3.84 -20.92	90.62 3.34 -26.56
LOWER RAQUET___HYD 24057	63.97 -0.32 -0.47	61.11 -0.24 -0.37	61.26 -0.12 -0.46	61.03 -0.30 -0.41	60.99 -0.30 -0.43	60.99 -0.24 -0.37	61.18 -0.06 -0.51	61.12 0.00 -0.47	93.07 -0.19 0.00	95.37 -0.29 0.00	95.47 -0.29 0.00	95.28 -0.67 0.00	95.19 -0.67 0.00	95.28 -0.48 0.00	95.19 -0.67 0.00	94.96 -0.66 0.03	94.49 -1.63 -0.08	94.24 -1.83 -0.03	95.13 -1.83 -0.83	94.88 -1.15 -0.18	95.61 -0.29 -0.24	61.38 0.00 -0.71	60.94 -0.36 -0.39	60.97 -0.24 -0.49
LOWER___HUDSON 24059	100.15 3.83 -32.50	90.19 3.60 -25.61	96.68 3.53 -32.22	93.04 3.53 -28.59	94.38 3.47 -30.05	90.32 3.53 -25.93	99.69 3.40 -35.56	96.47 3.39 -32.42	98.74 5.31 -0.17	154.13 5.55 -52.93	157.16 5.55 -55.85	157.94 5.56 -56.42	170.80 5.65 -69.29	156.27 5.55 -54.96	152.85 5.56 -51.44	143.23 5.55 -42.03	152.14 5.67 -50.43	161.64 5.76 -59.84	159.19 5.67 -57.38	141.30 5.65 -39.79	119.58 5.55 -18.38	113.80 3.58 -49.56	91.35 3.66 -26.78	98.17 3.46 -33.99
LOWVILLE_115KV_TB2 356335	66.88 1.91 -1.14	63.66 1.77 -0.90	63.76 1.71 -1.13	63.57 1.64 -1.00	63.38 1.46 -1.05	63.29 1.52 -0.91	63.67 1.70 -1.25	63.61 1.82 -1.14	95.12 1.87 0.00	97.38 1.72 0.00	97.67 1.92 0.00	97.48 1.54 0.00	97.20 1.34 0.00	97.20 1.44 0.00	97.29 1.44 0.00	97.21 1.63 0.07	98.17 1.92 -0.20	98.71 2.59 -0.07	100.75 2.60 -2.01	98.97 2.68 -0.43	98.25 2.01 -0.59	64.04 1.64 -1.74	63.26 1.40 -0.94	63.44 1.52 -1.19
LUTHERFT_115KV_GLOB_FND_222 355753	101.45 4.53 -33.09	91.33 4.27 -26.07	97.93 4.20 -32.81	94.17 4.14 -29.11	95.60 4.14 -30.60	91.40 4.14 -26.40	100.94 4.01 -36.21	97.73 4.06 -33.01	99.89 6.43 -0.20	166.34 6.70 -63.99	167.87 6.80 -65.31	168.87 6.81 -66.11	183.94 6.90 -81.18	166.45 6.70 -63.98	162.45 6.71 -59.89	151.28 6.70 -48.93	160.83 6.92 -57.87	172.44 7.01 -69.38	161.49 6.92 -58.43	147.09 6.71 -44.53	121.21 6.60 -18.95	115.25 4.13 -50.46	92.45 4.26 -27.26	99.34 4.01 -34.60

LUTHERNY_35_KV_BK2 355980	101.51 4.60 -33.09	91.33 4.27 -26.07	98.00 4.26 -32.81	94.24 4.20 -29.11	95.60 4.14 -30.60	91.46 4.20 -26.40	101.01 4.07 -36.21	97.73 4.06 -33.01	99.89 6.43 -0.20	166.34 6.70 -63.99	167.87 6.80 -65.31	168.96 6.91 -66.11	184.04 7.00 -81.18	166.54 6.80 -63.98	162.45 6.71 -59.89	151.38 6.79 -48.93	160.92 7.01 -57.87	172.53 7.11 -69.38	161.58 7.02 -58.43	147.19 6.81 -44.53	121.31 6.70 -18.95	115.31 4.19 -50.46	92.45 4.26 -27.26	99.40 4.07 -34.60
LWR___OSWEGATCHIE_HYD 23850	65.32 0.64 -0.86	62.27 0.61 -0.68	62.32 0.55 -0.85	62.17 0.49 -0.76	62.02 0.37 -0.79	61.91 0.37 -0.69	62.21 0.55 -0.94	62.12 0.61 -0.86	93.72 0.47 0.00	96.04 0.38 0.00	96.33 0.57 0.00	96.14 0.19 0.00	95.95 0.10 0.00	95.95 0.19 0.00	95.95 0.10 0.00	95.79 0.19 0.05	96.01 -0.19 -0.15	96.10 0.00 -0.05	97.66 0.00 -1.52	96.56 0.38 -0.32	96.67 0.57 -0.44	62.52 0.55 -1.31	61.93 0.30 -0.71	62.05 0.43 -0.90
LYONS_FALL_HYD 23570	66.86 1.98 -1.05	63.64 1.83 -0.83	63.73 1.77 -1.04	63.55 1.70 -0.92	63.41 1.58 -0.97	63.34 1.64 -0.84	63.64 1.76 -1.15	63.52 1.82 -1.05	95.49 2.23 0.00	97.86 2.20 0.00	98.15 2.39 0.00	98.06 2.11 0.00	97.87 2.02 0.00	97.86 2.10 0.00	97.87 2.02 0.00	97.70 2.10 0.06	98.53 2.30 -0.19	98.89 2.79 -0.06	100.68 2.69 -1.86	99.03 2.78 -0.40	98.49 2.29 -0.54	63.91 1.64 -1.60	63.31 1.52 -0.87	63.40 1.58 -1.10
MADISON___COUNTY_LFGE 323628	67.60 1.98 -1.80	64.30 1.89 -1.42	64.47 1.77 -1.78	64.27 1.77 -1.58	64.17 1.64 -1.66	64.00 1.70 -1.44	64.46 1.76 -1.97	64.21 1.76 -1.80	95.68 2.42 0.00	98.14 2.49 0.00	98.54 2.78 0.00	98.73 2.78 0.00	98.44 2.59 0.00	98.44 2.68 0.00	98.54 2.68 0.00	98.05 2.49 0.10	98.96 2.59 -0.32	98.84 2.69 -0.11	101.82 2.50 -3.18	99.12 2.59 -0.68	98.88 2.30 -0.93	64.87 1.46 -2.74	63.87 1.46 -1.48	64.07 1.46 -1.88
MALONE___115KV_TB1 356076	64.27 0.45 0.00	61.48 0.49 0.00	61.47 0.55 0.00	61.23 0.30 0.00	61.17 0.30 0.00	61.29 0.43 0.00	61.09 0.36 0.00	61.08 0.42 0.00	93.35 0.09 0.00	95.56 -0.10 0.00	95.47 -0.29 0.00	95.37 -0.58 0.00	95.38 -0.48 0.00	95.09 -0.67 0.00	95.09 -0.77 0.00	95.16 -0.48 0.02	95.18 -0.86 0.00	95.18 -0.86 0.00	95.56 -0.58 0.00	95.66 -0.19 0.00	96.32 0.67 0.00	61.27 0.61 0.00	60.98 0.06 0.00	60.79 0.06 0.00
MAPLEWOD_115KV_TB3 80458	99.52 3.38 -32.31	89.62 3.17 -25.46	96.13 3.17 -32.04	92.45 3.11 -28.43	93.85 3.10 -29.88	89.75 3.10 -25.78	99.12 3.04 -35.36	95.86 2.97 -32.23	97.97 4.57 -0.14	142.92 4.78 -42.48	147.39 4.69 -46.94	147.95 4.70 -47.30	158.73 4.79 -58.08	147.00 4.79 -46.45	144.13 4.79 -43.48	135.87 4.69 -35.52	144.16 4.61 -43.50	151.53 4.61 -50.87	157.71 4.52 -57.05	135.91 4.60 -35.46	118.38 4.69 -18.03	112.91 2.97 -49.27	90.59 3.05 -26.62	97.55 3.04 -33.79
MAPLE_RIDGE_WT_1 323574	62.74 -1.09 0.00	60.01 -0.98 0.00	59.95 -0.98 0.00	59.89 -1.04 0.00	59.83 -1.04 0.00	59.83 -1.04 0.00	59.69 -1.03 0.00	59.62 -1.03 0.00	91.67 -1.59 0.00	93.94 -1.72 0.00	93.94 -1.82 0.00	93.93 -2.02 0.00	94.03 -1.82 0.00	94.13 -1.63 0.00	94.22 -1.63 0.00	94.21 -1.43 0.01	94.50 -1.54 0.00	94.61 -1.44 0.00	94.60 -1.54 0.00	94.32 -1.54 0.00	94.22 -1.43 0.00	59.63 -1.03 0.00	59.64 -1.28 0.00	59.45 -1.28 0.00
MAPLE_RIDGE_WT_2 323611	62.74 -1.09 0.00	60.01 -0.98 0.00	59.95 -0.98 0.00	59.89 -1.04 0.00	59.83 -1.04 0.00	59.83 -1.04 0.00	59.69 -1.03 0.00	59.62 -1.03 0.00	91.67 -1.59 0.00	93.94 -1.72 0.00	93.94 -1.82 0.00	93.93 -2.02 0.00	94.03 -1.82 0.00	94.13 -1.63 0.00	94.22 -1.63 0.00	94.21 -1.43 0.01	94.50 -1.54 0.00	94.61 -1.44 0.00	94.60 -1.54 0.00	94.32 -1.54 0.00	94.22 -1.43 0.00	59.63 -1.03 0.00	59.64 -1.28 0.00	59.45 -1.28 0.00
MARBLE_RIVER_WT_PWR 323696	63.06 -0.76 0.00	60.32 -0.67 0.00	60.31 -0.61 0.00	60.13 -0.79 0.00	60.07 -0.79 0.00	60.07 -0.79 0.00	59.75 -0.97 0.00	59.62 -1.03 0.00	91.58 -1.68 0.00	93.74 -1.91 0.00	93.56 -2.20 0.00	93.45 -2.50 0.00	93.46 -2.39 0.00	93.37 -2.39 0.00	93.27 -2.58 0.00	93.35 -2.30 0.01	93.46 -2.59 0.00	93.65 -2.40 0.00	93.93 -2.21 0.00	94.22 -1.63 0.00	94.60 -1.05 0.00	59.94 -0.73 0.00	59.70 -1.22 0.00	59.57 -1.16 0.00
MARSHVLE_115KV_TB1 80742	105.95 4.98 -37.15	94.83 4.57 -29.27	102.26 4.51 -36.83	98.05 4.45 -32.68	99.60 4.38 -34.35	94.94 4.44 -29.64	105.75 4.37 -40.65	102.20 4.49 -37.06	100.44 6.99 -0.19	162.73 7.08 -60.00	164.06 7.37 -60.93	165.03 7.39 -61.69	179.09 7.48 -75.76	162.69 7.28 -59.65	158.87 7.19 -55.83	148.72 7.46 -45.61	159.29 8.16 -55.08	169.65 8.55 -65.06	170.09 8.36 -65.59	147.80 8.05 -43.89	124.22 7.65 -20.92	121.92 4.61 -56.64	96.10 4.57 -30.60	103.82 4.25 -38.85
MARSH_HILL_WT_PWR 323713	68.30 -1.40 -5.88	64.10 -1.52 -4.63	65.11 -1.64 -5.83	64.21 -1.89 -5.17	63.99 -2.31 -5.44	62.88 -2.68 -4.69	63.27 -3.89 -6.44	62.52 -4.01 -5.87	85.85 -7.37 0.03	89.70 -7.66 -1.70	91.59 -7.66 -3.50	92.00 -7.39 -3.44	92.51 -7.57 -4.23	91.95 -7.47 -3.66	92.56 -6.71 -3.42	91.60 -6.60 -2.55	91.70 -7.20 -2.86	91.80 -8.07 -3.82	86.72 -8.36 1.06	84.44 -8.53 2.89	84.77 -8.51 2.37	54.56 -5.28 0.83	60.77 -4.99 -4.84	62.08 -4.80 -6.15
MCINTYRE_115KV_TB2 80467	64.40 0.57 0.00	61.60 0.61 0.00	61.59 0.67 0.00	61.47 0.55 0.00	61.41 0.55 0.00	61.47 0.61 0.00	61.58 0.85 0.00	61.57 0.91 0.00	94.56 1.31 0.00	96.80 1.15 0.00	96.81 1.05 0.00	96.62 0.67 0.00	96.53 0.67 0.00	96.62 0.86 0.00	96.62 0.77 0.00	96.68 1.05 0.03	96.52 0.48 0.00	96.43 0.38 0.00	96.52 0.38 0.00	96.72 0.86 0.00	97.09 1.43 0.00	61.52 0.85 0.00	61.35 0.43 0.00	61.33 0.61 0.00
MECO_____69_KV_BK1 80468	105.70 6.13 -35.75	94.77 5.61 -28.17	101.97 5.60 -35.45	97.86 5.48 -31.45	99.34 5.42 -33.06	94.86 5.48 -28.52	105.25 5.40 -39.12	101.78 5.46 -35.66	101.94 8.49 -0.20	168.75 8.70 -64.39	169.73 8.91 -65.06	170.96 9.12 -65.89	185.88 9.11 -80.92	168.31 8.91 -63.65	164.25 8.82 -59.58	153.51 9.18 -48.67	164.01 9.89 -58.07	175.41 10.18 -69.19	169.26 10.00 -63.12	150.90 9.68 -45.37	125.35 9.37 -20.32	120.82 5.64 -54.51	96.04 5.67 -29.45	103.46 5.34 -37.39
MENANDS___115KV_TB5 355628	99.20 3.13 -32.24	89.38 2.99 -25.41	95.82 2.92 -31.97	92.21 2.92 -28.37	93.60 2.92 -29.82	89.51 2.92 -25.73	98.80 2.79 -35.29	95.55 2.73 -32.17	97.69 4.29 -0.14	140.65 4.40 -40.59	145.40 4.31 -45.33	145.92 4.32 -45.65	156.23 4.31 -56.06	144.99 4.31 -44.92	142.31 4.41 -42.05	134.31 4.30 -34.35	142.42 4.13 -42.25	149.33 4.03 -49.25	157.01 3.94 -56.93	134.64 4.12 -34.67	117.91 4.30 -17.95	112.56 2.73 -49.17	90.29 2.80 -26.56	97.24 2.79 -33.72
MG INDUSTRY___DRP 24185	98.26 2.87 -31.56	88.54 2.68 -24.87	94.90 2.68 -31.29	91.37 2.68 -27.77	92.67 2.62 -29.19	88.66 2.62 -25.18	97.81 2.55 -34.54	94.51 2.37 -31.49	96.99 3.64 -0.10	123.07 3.73 -23.69	130.27 3.64 -30.87	130.54 3.74 -30.85	137.46 3.74 -37.87	130.62 3.73 -31.12	128.82 3.83 -29.13	123.18 3.73 -23.79	130.52 3.55 -30.92	134.27 3.55 -34.68	155.33 3.46 -55.73	126.90 3.55 -27.50	116.58 3.73 -17.19	111.16 2.37 -48.13	89.36 2.44 -26.00	96.16 2.43 -33.00

MID___OSWEGATCHIE_HYD 23849	65.32 0.64 -0.86	62.27 0.61 -0.68	62.32 0.55 -0.85	62.17 0.49 -0.76	62.02 0.37 -0.79	61.91 0.37 -0.69	62.21 0.55 -0.94	62.12 0.61 -0.86	93.72 0.47 0.00	96.04 0.38 0.00	96.33 0.57 0.00	96.14 0.19 0.00	95.95 0.10 0.00	95.95 0.19 0.00	95.95 0.10 0.00	95.79 0.19 0.05	96.01 -0.19 -0.15	96.10 0.00 -0.05	97.66 0.00 -1.52	96.56 0.38 -0.32	96.67 0.57 -0.44	62.52 0.55 -1.31	61.93 0.30 -0.71	62.05 0.43 -0.90
MID___RAQUETTE_HYD 23851	63.97 -0.32 -0.47	61.11 -0.24 -0.37	61.26 -0.12 -0.46	61.03 -0.30 -0.41	60.99 -0.30 -0.43	60.99 -0.24 -0.37	61.18 -0.06 -0.51	61.12 0.00 -0.47	93.07 -0.19 0.00	95.37 -0.29 0.00	95.38 -0.38 0.00	95.28 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.67 0.00	94.96 -0.67 0.03	94.59 -1.54 -0.08	94.25 -1.82 -0.03	95.23 -1.73 -0.83	94.88 -1.15 -0.18	95.61 -0.29 -0.24	61.38 0.00 -0.71	60.94 -0.37 -0.39	60.97 -0.24 -0.49
MILLIKEN___1 23584	70.51 0.96 -5.73	66.36 0.85 -4.52	67.21 0.61 -5.68	66.57 0.61 -5.04	66.59 0.43 -5.30	65.92 0.49 -4.57	67.36 0.36 -6.27	66.80 0.42 -5.72	93.32 0.00 -0.07	97.55 0.00 -1.90	99.60 0.19 -3.65	100.02 0.48 -3.59	100.44 0.19 -4.39	99.75 0.19 -3.80	99.61 0.19 -3.56	98.52 0.00 -2.86	102.01 0.38 -5.58	101.45 0.58 -4.83	121.23 0.58 -24.51	109.03 0.38 -12.79	105.85 0.19 -10.00	81.91 0.18 -21.06	65.95 0.30 -4.72	67.02 0.30 -5.99
MILLIKEN___2 23585	70.51 0.96 -5.73	66.36 0.85 -4.52	67.21 0.61 -5.68	66.57 0.61 -5.04	66.59 0.43 -5.30	65.92 0.49 -4.57	67.36 0.36 -6.27	66.80 0.42 -5.72	93.32 0.00 -0.07	97.55 0.00 -1.90	99.60 0.19 -3.65	100.02 0.48 -3.59	100.44 0.19 -4.39	99.75 0.19 -3.80	99.61 0.19 -3.56	98.52 0.00 -2.86	102.01 0.38 -5.58	101.45 0.58 -4.83	121.23 0.58 -24.51	109.03 0.38 -12.79	105.85 0.19 -10.00	81.91 0.18 -21.06	65.95 0.30 -4.72	67.02 0.30 -5.99
MILLIKEN___DIESEL 23629	70.51 0.96 -5.73	66.36 0.85 -4.52	67.21 0.61 -5.68	66.57 0.61 -5.04	66.59 0.43 -5.30	65.92 0.49 -4.57	67.36 0.36 -6.27	66.80 0.42 -5.72	93.32 0.00 -0.07	97.55 0.00 -1.90	99.60 0.19 -3.65	100.02 0.48 -3.59	100.44 0.19 -4.39	99.75 0.19 -3.80	99.61 0.19 -3.56	98.52 0.00 -2.86	102.01 0.38 -5.58	101.45 0.58 -4.83	121.23 0.58 -24.51	109.03 0.38 -12.79	105.85 0.19 -10.00	81.91 0.18 -21.06	65.95 0.30 -4.72	67.02 0.30 -5.99
MILLSEAT___LFGE 323607	65.37 -2.81 -4.35	61.37 -3.05 -3.43	62.07 -3.17 -4.32	61.58 -3.17 -3.83	61.48 -3.41 -4.03	60.87 -3.47 -3.47	61.06 -4.43 -4.76	60.14 -4.85 -4.34	83.83 -9.42 0.01	85.91 -9.76 -0.01	88.18 -9.96 -2.38	88.63 -9.59 -2.27	88.29 -10.35 -2.79	87.68 -10.72 -2.65	87.78 -10.54 -2.47	85.99 -11.48 -1.81	88.21 -10.37 -2.54	88.40 -10.57 -2.92	90.59 -9.42 -3.87	85.78 -10.73 -0.66	85.62 -10.52 -0.49	59.00 -5.03 -3.37	60.06 -4.44 -3.59	61.46 -3.82 -4.55
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	93.71 3.77 -26.12	85.23 3.66 -20.58	90.30 3.47 -25.90	87.38 3.47 -22.98	88.49 3.47 -24.16	85.17 3.47 -20.84	92.71 3.40 -28.59	90.29 3.58 -26.06	98.80 5.50 -0.05	107.49 5.74 -6.09	115.71 5.75 -14.20	115.71 5.85 -13.90	118.95 6.04 -17.06	116.66 5.94 -14.96	115.90 6.04 -14.01	113.20 6.12 -11.43	119.22 6.34 -16.83	119.72 6.34 -17.33	148.71 6.44 -46.12	119.53 6.33 -17.35	115.68 6.12 -13.91	104.50 4.00 -39.83	86.59 4.14 -21.52	91.69 3.64 -27.32
MILLWOOD_13_KV_LOAD 356217	93.84 3.89 -26.12	85.35 3.78 -20.58	90.42 3.59 -25.90	87.50 3.59 -22.98	88.61 3.59 -24.16	85.30 3.59 -20.84	92.84 3.52 -28.59	90.42 3.70 -26.06	98.99 5.69 -0.05	107.68 5.93 -6.09	115.90 5.94 -14.20	115.90 6.04 -13.90	119.14 6.23 -17.06	116.85 6.13 -14.96	116.09 6.23 -14.01	113.40 6.31 -11.43	119.41 6.53 -16.83	119.91 6.53 -17.33	148.99 6.73 -46.12	119.63 6.42 -17.35	115.88 6.31 -13.91	104.62 4.13 -39.83	86.71 4.26 -21.52	91.81 3.77 -27.32
MODEL_CITY_ENERGY 24167	63.57 -4.79 -4.54	59.68 -4.88 -3.57	60.49 -4.93 -4.50	59.98 -4.93 -3.99	59.82 -5.23 -4.19	59.19 -5.30 -3.62	59.31 -6.38 -4.96	58.21 -6.97 -4.52	80.48 -12.77 0.01	82.65 -13.01 -0.01	85.03 -13.22 -2.49	85.47 -12.85 -2.37	84.97 -13.80 -2.91	84.45 -14.07 -2.76	84.54 -13.90 -2.59	82.64 -14.92 -1.90	84.65 -14.03 -2.63	84.68 -14.41 -3.04	86.92 -13.07 -3.85	82.16 -14.28 -0.59	82.02 -14.06 -0.42	56.99 -7.04 -3.36	58.02 -6.64 -3.74	59.70 -5.77 -4.74
MODERN_LFGE___ 323580	63.57 -4.79 -4.54	59.68 -4.88 -3.57	60.49 -4.93 -4.50	59.98 -4.93 -3.99	59.82 -5.23 -4.19	59.19 -5.30 -3.62	59.31 -6.38 -4.96	58.21 -6.97 -4.52	80.48 -12.77 0.01	82.65 -13.01 -0.01	85.03 -13.22 -2.49	85.47 -12.85 -2.37	84.97 -13.80 -2.91	84.45 -14.07 -2.76	84.54 -13.90 -2.59	82.64 -14.92 -1.90	84.65 -14.03 -2.63	84.68 -14.41 -3.04	86.92 -13.07 -3.85	82.16 -14.28 -0.59	82.02 -14.06 -0.42	56.99 -7.04 -3.36	58.02 -6.64 -3.74	59.70 -5.77 -4.74
MOHAWK_PAPER___DRP 24187	99.52 3.38 -32.31	89.62 3.17 -25.46	96.13 3.17 -32.04	92.45 3.11 -28.43	93.85 3.10 -29.88	89.75 3.10 -25.78	99.12 3.04 -35.36	95.86 2.97 -32.23	97.97 4.57 -0.14	142.92 4.78 -42.48	147.39 4.69 -46.94	147.95 4.70 -47.30	158.73 4.79 -58.08	147.00 4.79 -46.45	144.13 4.79 -43.48	135.87 4.69 -35.52	144.16 4.61 -43.50	151.53 4.61 -50.87	157.71 4.52 -57.05	135.91 4.60 -35.46	118.38 4.69 -18.03	112.91 2.97 -49.27	90.59 3.05 -26.62	97.55 3.04 -33.79
MOHICAN___35_KV_115KV_LD 80490	102.31 5.36 -33.12	92.03 4.94 -26.10	98.70 4.93 -32.84	94.93 4.87 -29.14	96.30 4.81 -30.63	92.16 4.87 -26.43	101.71 4.74 -36.25	98.55 4.85 -33.04	101.20 7.74 -0.20	168.32 8.13 -64.53	169.77 8.24 -65.78	170.79 8.25 -66.58	185.87 8.24 -81.77	168.23 8.04 -64.43	164.02 7.86 -60.30	152.87 7.94 -49.27	162.54 8.26 -58.23	174.35 8.45 -69.85	162.89 8.27 -58.48	148.58 7.96 -44.77	122.39 7.75 -18.99	116.03 4.85 -50.51	93.15 4.93 -27.29	100.10 4.74 -34.64
MONGAUP___HYD 23641	91.68 3.83 -24.03	83.64 3.72 -18.93	88.21 3.47 -23.82	85.59 3.53 -21.14	86.61 3.53 -22.22	83.62 3.59 -19.17	90.54 3.52 -26.29	88.20 3.58 -23.97	98.61 5.31 -0.04	106.67 5.45 -5.56	113.97 5.17 -13.04	113.89 5.18 -12.77	116.88 5.36 -15.66	114.77 5.26 -13.74	114.08 5.36 -12.86	111.79 5.64 -10.49	117.57 6.05 -15.47	118.20 6.24 -15.92	145.00 6.44 -42.42	117.75 5.95 -15.95	114.38 5.93 -12.79	101.12 3.82 -36.63	84.67 3.96 -19.79	89.43 3.58 -25.12
MONTAUK___DIESEL 23721	135.79 6.06 -65.91	121.01 5.67 -54.35	114.15 5.42 -47.81	112.35 5.42 -46.01	90.45 5.30 -24.30	95.00 5.30 -28.85	94.46 4.98 -28.75	99.81 5.34 -33.82	126.48 9.14 -24.09	146.16 9.57 -40.94	152.98 8.62 -48.60	153.21 9.02 -48.25	152.11 8.82 -47.43	149.91 8.71 -45.43	148.88 8.72 -44.31	152.11 8.99 -47.46	149.91 8.93 -44.93	153.83 9.03 -48.76	256.04 9.04 -150.86	148.88 8.44 -44.59	146.54 8.13 -42.76	144.04 5.28 -78.09	117.76 5.18 -51.66	93.42 5.22 -27.47
MOONROAD_115KV_HARTFLD_TB1-2 355988	66.28 -2.68 -5.14	62.17 -2.87 -4.05	63.15 -2.86 -5.09	62.52 -2.92 -4.52	62.33 -3.29 -4.75	61.55 -3.41 -4.10	61.98 -4.37 -5.62	61.17 -4.61 -5.13	85.32 -7.93 0.01	89.29 -7.84 -1.48	90.93 -7.85 -3.03	91.05 -7.87 -2.97	91.36 -8.15 -3.65	90.59 -8.33 -3.16	89.80 -9.01 -2.96	88.58 -9.28 -2.21	89.57 -9.41 -2.94	90.67 -8.84 -3.46	90.46 -9.33 -3.64	86.60 -9.49 -0.23	86.41 -9.37 -0.13	57.85 -6.01 -3.19	59.73 -5.42 -4.23	61.30 -4.80 -5.37

MORRIS_RIDGE___SOLAR 323848	67.12 -2.43 -5.72	62.94 -2.56 -4.51	63.97 -2.62 -5.67	63.21 -2.74 -5.03	63.11 -3.04 -5.29	62.26 -3.17 -4.56	62.97 -4.01 -6.26	62.06 -4.31 -5.71	85.31 -7.93 0.02	89.08 -8.23 -1.65	91.01 -8.14 -3.39	91.52 -7.77 -3.34	91.90 -8.05 -4.10	91.26 -8.04 -3.55	91.12 -8.05 -3.32	90.02 -8.13 -2.49	90.92 -8.26 -3.14	91.52 -8.36 -3.83	90.14 -8.56 -2.56	86.40 -8.82 0.64	86.37 -8.70 0.58	57.78 -5.16 -2.27	60.94 -4.69 -4.71	62.33 -4.37 -5.98
MORTIMER_115KV_TB3 55949	65.90 -1.72 -3.80	62.09 -1.89 -2.99	62.68 -2.01 -3.77	62.19 -2.07 -3.34	62.19 -2.19 -3.51	61.70 -2.19 -3.03	62.09 -2.79 -4.16	61.41 -3.03 -3.79	86.44 -6.81 0.00	88.87 -6.79 -0.01	91.11 -6.70 -2.05	91.57 -6.33 -1.96	91.26 -7.00 -2.40	90.86 -7.18 -2.28	90.80 -7.19 -2.13	88.87 -8.32 -1.53	91.00 -7.30 -2.25	91.09 -7.49 -2.54	93.08 -7.02 -3.96	88.81 -7.96 -0.91	88.32 -8.04 -0.70	60.47 -3.64 -3.44	61.31 -2.74 -3.13	62.27 -2.43 -3.97
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	94.26 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.94 3.77 -24.30	85.54 3.71 -20.97	93.19 3.70 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.37 6.32 -14.29	116.36 6.43 -13.99	119.63 6.61 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.85 6.70 -11.49	119.99 7.01 -16.93	120.49 7.01 -17.43	149.66 7.11 -46.41	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.08	87.14 4.57 -21.65	92.28 4.07 -27.48
MUNSVILLE_WIND_PWR 323609	77.45 5.17 -8.46	72.53 4.88 -6.67	73.88 4.57 -8.39	72.69 4.33 -7.44	72.64 3.95 -7.82	71.63 4.02 -6.75	73.93 3.94 -9.26	73.03 3.94 -8.44	98.81 5.50 -0.05	105.43 5.55 -4.23	108.85 6.13 -6.95	109.16 6.33 -6.88	110.43 6.14 -8.44	109.24 6.32 -7.16	108.88 6.32 -6.70	107.28 6.21 -5.41	111.03 6.92 -8.06	111.92 7.59 -8.29	124.91 6.63 -22.15	113.43 6.42 -11.15	109.34 5.64 -8.05	82.95 3.21 -19.07	70.94 3.04 -6.97	72.67 3.10 -8.85
N SALMON___HYD 24042	64.27 0.45 0.00	61.47 0.49 0.00	61.47 0.55 0.00	61.23 0.31 0.00	61.17 0.31 0.00	61.29 0.43 0.00	61.09 0.37 0.00	61.08 0.43 0.00	93.35 0.09 0.00	95.65 0.00 0.00	95.47 -0.29 0.00	95.38 -0.57 0.00	95.38 -0.48 0.00	95.19 -0.57 0.00	95.08 -0.77 0.00	95.16 -0.48 0.02	95.08 -0.96 0.00	95.18 -0.87 0.00	95.57 -0.57 0.00	95.66 -0.19 0.00	96.33 0.67 0.00	61.21 0.54 0.00	60.98 0.06 0.00	60.79 0.06 0.00
N.AKRON___115KV_KNAPP 355671	65.27 -2.94 -4.38	61.27 -3.17 -3.45	62.04 -3.23 -4.34	61.49 -3.29 -3.85	61.38 -3.53 -4.05	60.77 -3.59 -3.49	60.96 -4.55 -4.79	59.99 -5.03 -4.37	83.36 -9.89 0.01	85.71 -9.95 -0.01	88.01 -10.15 -2.40	88.45 -9.79 -2.29	88.12 -10.54 -2.80	87.79 -10.63 -2.66	87.51 -10.83 -2.49	85.62 -11.86 -1.83	87.74 -10.85 -2.55	88.22 -10.76 -2.94	90.01 -10.00 -3.87	85.57 -10.93 -0.65	85.23 -10.90 -0.48	58.76 -5.28 -3.37	59.90 -4.63 -3.61	61.36 -3.95 -4.58
N.BELMOR_69_KV_BK1 55787	134.96 5.23 -65.91	120.34 5.00 -54.35	113.54 4.81 -47.81	111.74 4.81 -46.01	89.90 4.75 -24.30	94.45 4.75 -28.85	94.09 4.62 -28.75	99.32 4.85 -33.82	124.90 7.55 -24.09	144.43 7.84 -40.94	152.31 7.95 -48.60	152.21 8.06 -48.20	151.53 8.24 -47.43	149.33 8.14 -45.43	148.40 8.24 -44.31	151.40 8.32 -47.42	149.48 8.55 -44.89	153.32 8.64 -48.64	166.27 8.75 -61.38	148.93 8.53 -44.55	146.83 8.42 -42.76	144.22 5.46 -78.09	118.06 5.48 -51.66	93.18 4.98 -27.47
N.E_GEN_SANDY PD 24062	136.60 3.83 -68.95	134.58 3.66 -69.93	133.24 3.59 -68.72	134.58 3.59 -70.06	134.69 3.59 -70.24	136.03 3.53 -71.64	135.44 3.46 -71.25	134.88 3.52 -70.71	144.17 5.41 -45.51	146.30 5.64 -45.00	155.00 5.55 -53.69	156.00 5.66 -54.39	156.53 5.75 -54.92	152.60 5.65 -51.19	148.30 5.75 -46.69	152.80 5.84 -51.31	161.90 5.86 -60.00	184.54 5.96 -82.54	174.30 5.96 -72.20	157.87 5.85 -56.17	146.41 5.84 -44.92	135.25 3.76 -70.82	130.00 3.90 -65.18	128.66 3.58 -64.35
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	92.75 3.57 -25.35	84.38 3.42 -19.98	89.35 3.29 -25.13	86.51 3.29 -22.30	87.59 3.29 -23.44	84.31 3.23 -20.23	91.69 3.22 -27.74	89.28 3.34 -25.29	98.52 5.22 -0.05	106.99 5.45 -5.89	114.98 5.46 -13.77	114.99 5.57 -13.48	118.14 5.75 -16.53	115.92 5.65 -14.51	115.09 5.66 -13.58	112.47 5.74 -11.08	118.32 5.95 -16.32	118.90 6.05 -16.80	147.05 6.15 -44.76	118.63 5.94 -16.83	114.99 5.83 -13.50	103.14 3.82 -38.65	85.71 3.90 -20.89	90.70 3.46 -26.51
N.QUEENS_27_KV_LOAD 356247	94.45 4.34 -26.29	85.85 4.15 -20.72	90.88 3.90 -26.06	87.82 3.78 -23.12	88.82 3.65 -24.30	85.48 3.65 -20.97	93.19 3.70 -28.76	90.88 4.00 -26.22	99.64 6.34 -0.05	108.19 6.41 -6.13	116.46 6.42 -14.28	116.46 6.52 -13.99	119.82 6.81 -17.16	117.42 6.61 -15.05	116.75 6.81 -14.09	114.04 6.89 -11.49	120.18 7.20 -16.93	120.78 7.30 -17.43	149.95 7.40 -46.40	120.60 7.28 -17.46	116.73 7.08 -13.99	105.41 4.67 -40.07	87.33 4.75 -21.66	92.53 4.31 -27.49
N.TROY___115KV_TB1 355778	100.15 3.83 -32.50	90.20 3.60 -25.61	96.68 3.53 -32.22	93.05 3.53 -28.59	94.39 3.47 -30.05	90.32 3.53 -25.93	99.69 3.40 -35.56	96.47 3.40 -32.42	98.74 5.32 -0.17	154.13 5.55 -52.93	157.17 5.55 -55.85	157.94 5.57 -56.42	170.80 5.66 -69.29	156.27 5.55 -54.96	152.85 5.56 -51.44	143.23 5.55 -42.03	152.15 5.67 -50.43	161.64 5.76 -59.84	159.19 5.67 -57.38	141.30 5.66 -39.79	119.59 5.55 -18.38	113.74 3.52 -49.56	91.35 3.66 -26.78	98.17 3.46 -33.99
NARROWS_GT1_1 24228	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT1_2 24229	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT1_3 24230	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT1_4 24231	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08

NARROWS_GT1_5 24232	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT1_6 24233	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT1_7 24234	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT1_8 24235	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_1 24236	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_2 24237	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_3 24238	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_4 24239	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_5 24240	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_6 24241	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_7 24242	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NARROWS_GT2_8 24243	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	98.19 3.77 -30.60	88.70 3.60 -24.11	94.79 3.53 -30.34	91.37 3.53 -26.92	92.69 3.53 -28.30	88.87 3.59 -24.41	97.73 3.52 -33.48	94.45 3.28 -30.52	98.39 5.04 -0.09	123.76 5.17 -22.94	130.46 4.79 -29.91	130.35 4.51 -29.89	137.15 4.60 -36.70	130.61 4.69 -30.16	128.88 4.79 -28.23	123.49 4.78 -23.06	130.72 4.71 -29.97	134.35 4.71 -33.60	154.78 4.61 -54.02	127.11 4.60 -26.65	117.10 4.78 -16.67	110.23 2.91 -46.66	89.18 3.05 -25.21	95.76 3.04 -32.00
NCHELSEA_115KV_TR2 355582	94.35 4.21 -26.31	85.75 4.03 -20.73	90.91 3.90 -26.09	88.03 3.96 -23.15	89.09 3.90 -24.33	85.75 3.90 -20.99	93.35 3.83 -28.79	90.85 3.94 -26.25	99.46 6.15 -0.05	108.50 6.50 -6.34	116.65 6.42 -14.47	116.56 6.43 -14.18	119.86 6.61 -17.39	117.50 6.51 -15.23	116.63 6.52 -14.26	113.89 6.60 -11.63	119.95 6.82 -17.09	120.59 6.92 -17.63	149.62 7.02 -46.46	120.12 6.71 -17.56	116.27 6.60 -14.01	105.09 4.31 -40.12	87.05 4.45 -21.68	92.25 4.01 -27.52
NEG CAPITAL___MECHNVIL 23645	101.39 4.66 -32.91	91.31 4.39 -25.93	97.88 4.33 -32.63	94.14 4.26 -28.95	95.55 4.26 -30.43	91.38 4.26 -26.26	100.87 4.13 -36.01	97.67 4.18 -32.83	99.97 6.53 -0.19	163.52 6.89 -60.98	165.49 6.99 -62.74	166.52 7.10 -63.47	180.90 7.09 -77.95	164.27 6.99 -61.53	160.35 6.91 -57.59	149.69 6.98 -47.06	159.09 7.21 -55.84	170.12 7.30 -66.78	161.46 7.21 -58.10	146.08 6.99 -43.23	121.33 6.89 -18.79	115.15 4.31 -50.18	92.42 4.39 -27.11	99.33 4.19 -34.41

NEG CENTRAL_HIGH_ACRES 23767	65.09 -2.43 -3.69	61.34 -2.56 -2.91	61.84 -2.74 -3.66	61.43 -2.74 -3.25	61.42 -2.86 -3.41	60.95 -2.86 -2.94	61.42 -3.34 -4.04	60.88 -3.45 -3.68	86.36 -6.90 0.00	88.59 -7.08 -0.01	90.77 -6.99 -1.99	91.23 -6.62 -1.90	90.90 -7.29 -2.33	90.31 -7.66 -2.21	90.55 -7.38 -2.07	88.92 -8.23 -1.49	91.00 -7.30 -2.25	90.75 -7.78 -2.49	93.54 -7.11 -4.51	89.09 -8.05 -1.28	88.53 -8.13 -1.00	60.63 -3.94 -3.91	60.73 -3.23 -3.04	61.55 -3.03 -3.86
NEG CENTRAL___DRP 24199	67.41 -0.38 -3.97	63.63 -0.49 -3.13	64.13 -0.73 -3.94	63.68 -0.73 -3.49	63.62 -0.91 -3.67	63.18 -0.85 -3.17	63.98 -1.09 -4.34	63.46 -1.15 -3.96	90.08 -3.17 0.00	92.51 -3.16 -0.01	94.96 -2.97 -2.16	95.33 -2.69 -2.06	95.32 -3.07 -2.53	95.10 -3.06 -2.40	95.04 -3.07 -2.25	93.94 -3.35 -1.63	95.51 -2.88 -2.34	95.92 -2.79 -2.67	97.42 -2.60 -3.88	93.78 -2.88 -0.80	93.20 -3.06 -0.61	62.58 -1.46 -3.37	62.97 -1.22 -3.27	63.72 -1.15 -4.15
NEG CENTRAL___INDECK 23768	69.38 0.51 -5.05	65.09 0.12 -3.98	65.87 -0.06 -5.01	65.18 -0.18 -4.44	65.17 -0.36 -4.67	64.47 -0.42 -4.03	65.10 -1.16 -5.53	64.42 -1.28 -5.04	89.60 -3.64 0.02	91.64 -4.01 0.00	94.35 -4.21 -2.80	94.78 -3.84 -2.67	94.82 -4.31 -3.28	94.08 -4.79 -3.11	94.26 -4.50 -2.91	93.03 -4.78 -2.15	95.03 -3.75 -2.73	95.45 -3.94 -3.35	94.93 -3.27 -2.06	90.94 -4.22 0.70	90.74 -4.30 0.61	60.68 -1.82 -1.83	63.80 -1.28 -4.16	64.98 -1.03 -5.28
NEG CENTRAL___SENECA 23627	68.04 -0.13 -4.34	64.10 -0.30 -3.42	64.74 -0.49 -4.30	64.19 -0.55 -3.82	64.09 -0.79 -4.01	63.60 -0.73 -3.46	64.38 -1.09 -4.75	63.77 -1.21 -4.33	89.60 -3.64 0.01	91.92 -3.73 0.00	94.60 -3.54 -2.38	95.05 -3.17 -2.27	95.00 -3.64 -2.79	94.67 -3.73 -2.64	94.69 -3.64 -2.47	93.53 -3.92 -1.80	94.91 -3.46 -2.33	95.53 -3.36 -2.85	94.83 -3.08 -1.77	91.89 -3.35 0.61	91.50 -3.63 0.52	60.60 -1.64 -1.57	63.16 -1.34 -3.58	64.05 -1.21 -4.54
NEG CENTRAL___STATE_STREET 24147	67.58 -0.13 -3.88	63.80 -0.24 -3.06	64.28 -0.49 -3.85	63.91 -0.43 -3.41	63.84 -0.61 -3.59	63.47 -0.49 -3.10	64.31 -0.67 -4.25	63.92 -0.61 -3.87	91.50 -1.77 -0.01	93.96 -1.72 -0.03	96.37 -1.53 -2.15	96.84 -1.15 -2.05	96.83 -1.53 -2.51	96.51 -1.63 -2.38	96.55 -1.53 -2.23	95.49 -1.82 -1.65	97.40 -1.44 -2.80	97.50 -1.34 -2.80	103.40 -1.25 -8.51	97.98 -1.53 -3.66	96.80 -1.72 -2.87	67.15 -0.85 -7.34	63.39 -0.73 -3.20	64.12 -0.67 -4.06
NEG MILLWOOD___DRP 24198	94.97 4.60 -26.56	86.30 4.39 -20.92	91.46 4.20 -26.33	88.55 4.26 -23.36	89.74 4.32 -24.56	86.31 4.26 -21.19	93.91 4.13 -29.06	91.45 4.31 -26.49	100.11 6.81 -0.05	109.04 7.08 -6.31	117.28 6.99 -14.53	117.28 7.10 -14.23	120.70 7.38 -17.46	118.25 7.18 -15.30	117.37 7.19 -14.32	114.61 7.27 -11.69	120.72 7.49 -17.19	121.25 7.49 -17.72	150.81 7.79 -46.89	120.83 7.28 -17.69	116.97 7.17 -14.14	105.83 4.67 -40.49	87.55 4.75 -21.88	92.81 4.31 -27.77
NEG NORTH_FLCN_SEA 23793	64.02 0.19 0.00	61.23 0.24 0.00	61.23 0.30 0.00	61.04 0.12 0.00	60.98 0.12 0.00	60.98 0.12 0.00	60.30 -0.43 0.00	60.17 -0.49 0.00	92.23 -1.03 0.00	94.32 -1.34 0.00	94.23 -1.53 0.00	94.13 -1.82 0.00	94.03 -1.82 0.00	93.84 -1.92 0.00	93.75 -2.11 0.00	93.92 -1.72 0.01	94.12 -1.92 0.00	94.12 -1.92 0.00	94.70 -1.44 0.00	94.80 -1.05 0.00	95.27 -0.38 0.00	60.42 -0.24 0.00	60.19 -0.73 0.00	60.42 -0.30 0.00
NEG NORTH_KES_CHATEGAY 23792	63.12 -0.70 0.00	60.38 -0.61 0.00	60.37 -0.55 0.00	60.19 -0.73 0.00	60.13 -0.73 0.00	60.13 -0.73 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	91.76 -1.49 0.00	93.93 -1.72 0.00	93.75 -2.01 0.00	93.65 -2.30 0.00	93.65 -2.20 0.00	93.46 -2.30 0.00	93.46 -2.40 0.00	93.63 -2.01 0.01	93.84 -2.21 0.00	93.84 -2.21 0.00	94.31 -1.83 0.00	94.42 -1.44 0.00	94.89 -0.77 0.00	60.12 -0.55 0.00	59.89 -1.04 0.00	59.69 -1.03 0.00
NEG NORTH___ALICE_FALLS 23915	64.33 0.51 0.00	61.54 0.55 0.00	61.53 0.61 0.00	61.29 0.37 0.00	61.23 0.37 0.00	61.29 0.43 0.00	60.79 0.06 0.00	60.72 0.06 0.00	92.79 -0.47 0.00	94.99 -0.67 0.00	94.80 -0.96 0.00	94.70 -1.25 0.00	94.70 -1.15 0.00	94.42 -1.34 0.00	94.42 -1.44 0.00	94.59 -1.05 0.01	94.70 -1.34 0.00	94.80 -1.25 0.00	95.37 -0.77 0.00	95.38 -0.48 0.00	95.94 0.29 0.00	60.91 0.24 0.00	60.68 -0.24 0.00	60.67 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	64.33 0.51 0.00	61.54 0.55 0.00	61.53 0.61 0.00	61.29 0.37 0.00	61.23 0.37 0.00	61.29 0.43 0.00	60.79 0.06 0.00	60.72 0.06 0.00	92.79 -0.47 0.00	94.99 -0.67 0.00	94.80 -0.96 0.00	94.70 -1.25 0.00	94.70 -1.15 0.00	94.42 -1.34 0.00	94.42 -1.44 0.00	94.59 -1.05 0.01	94.70 -1.34 0.00	94.80 -1.25 0.00	95.37 -0.77 0.00	95.38 -0.48 0.00	95.94 0.29 0.00	60.91 0.24 0.00	60.68 -0.24 0.00	60.67 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	64.33 0.51 0.00	61.54 0.55 0.00	61.53 0.61 0.00	61.29 0.37 0.00	61.23 0.37 0.00	61.29 0.43 0.00	60.79 0.06 0.00	60.66 0.00 0.00	92.79 -0.46 0.00	94.99 -0.66 0.00	94.80 -0.96 0.00	94.70 -1.25 0.00	94.71 -1.15 0.00	94.51 -1.25 0.00	94.42 -1.44 0.00	94.50 -1.14 0.01	94.70 -1.34 0.00	94.90 -1.15 0.00	95.27 -0.87 0.00	95.38 -0.48 0.00	95.94 0.29 0.00	60.91 0.24 0.00	60.68 -0.24 0.00	60.67 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	63.98 -4.34 -4.50	60.08 -4.45 -3.55	60.94 -4.45 -4.46	60.37 -4.51 -3.96	60.28 -4.75 -4.16	59.58 -4.87 -3.59	59.76 -5.89 -4.92	58.71 -6.43 -4.49	81.03 -12.22 0.01	83.42 -12.24 -0.01	85.87 -12.35 -2.47	86.31 -11.99 -2.35	85.90 -12.84 -2.89	85.57 -12.93 -2.74	85.38 -13.04 -2.56	83.38 -14.16 -1.88	85.31 -13.35 -2.61	85.71 -13.35 -3.02	87.19 -12.79 -3.84	82.83 -13.61 -0.58	82.59 -13.49 -0.42	57.09 -6.92 -3.34	58.48 -6.15 -3.71	60.09 -5.34 -4.71
NEG WEST___LANCASTER 23811	63.47 -5.49 -5.14	59.55 -5.49 -4.05	60.53 -5.48 -5.09	59.90 -5.54 -4.52	59.77 -5.84 -4.75	58.99 -5.96 -4.10	59.54 -6.80 -5.62	58.62 -7.16 -5.12	83.92 -9.33 0.01	87.76 -9.37 -1.48	89.49 -9.29 -3.02	89.42 -9.50 -2.97	90.78 -8.72 -3.65	90.49 -8.43 -3.16	89.80 -9.01 -2.96	90.40 -7.46 -2.21	90.45 -8.55 -2.96	92.50 -7.01 -3.46	91.53 -8.46 -3.85	88.83 -7.38 -0.36	88.61 -7.27 -0.23	56.99 -7.04 -3.36	58.09 -7.07 -4.23	59.60 -6.50 -5.37
NEG_PENN_ALLEGHNY 23528	72.55 -0.06 -8.79	67.73 -0.18 -6.93	69.39 -0.24 -8.72	68.41 -0.24 -7.73	68.57 -0.42 -8.13	67.45 -0.42 -7.01	69.68 -0.67 -9.62	68.70 -0.73 -8.77	91.77 -1.50 -0.01	97.05 -1.43 -2.83	100.11 -1.25 -5.60	100.40 -1.05 -5.51	101.47 -1.15 -6.76	100.45 -1.14 -5.84	100.07 -1.25 -5.46	98.73 -1.25 -4.32	100.98 -1.15 -6.08	101.78 -0.87 -6.60	108.39 -0.96 -13.21	99.64 -1.05 -4.84	98.10 -1.14 -3.59	71.30 -0.79 -11.43	67.50 -0.67 -7.24	69.25 -0.67 -9.19
NEG___GEN_MONROE 24207	65.61 -2.04 -3.83	61.81 -2.20 -3.02	62.41 -2.32 -3.80	61.98 -2.32 -3.37	61.91 -2.50 -3.54	61.42 -2.50 -3.06	61.76 -3.16 -4.19	60.96 -3.52 -3.82	85.79 -7.46 0.00	88.20 -7.46 -0.01	90.36 -7.47 -2.07	90.92 -7.00 -1.97	90.42 -7.86 -2.42	89.92 -8.14 -2.30	89.86 -8.15 -2.15	88.02 -9.18 -1.55	90.15 -8.16 -2.27	90.44 -8.16 -2.56	92.41 -7.69 -3.96	88.12 -8.63 -0.90	87.74 -8.61 -0.69	60.10 -4.00 -3.44	60.97 -3.11 -3.16	62.06 -2.67 -4.01

NEPA__ENERGY 23901	65.43 -3.57 -5.18	61.41 -3.66 -4.08	62.34 -3.72 -5.13	61.76 -3.72 -4.55	61.63 -4.02 -4.79	60.85 -4.14 -4.13	61.41 -4.98 -5.67	60.48 -5.34 -5.17	84.20 -9.05 0.01	88.15 -8.99 -1.49	89.81 -9.00 -3.05	90.02 -8.92 -3.00	90.43 -9.11 -3.68	89.76 -9.19 -3.19	89.35 -9.49 -2.98	88.32 -9.57 -2.23	89.52 -9.51 -2.98	90.51 -9.03 -3.49	90.62 -9.42 -3.90	86.74 -9.49 -0.38	86.52 -9.37 -0.24	58.07 -6.01 -3.41	59.77 -5.42 -4.27	61.28 -4.86 -5.41
NEVERSINK__HYD 23608	91.52 3.83 -23.87	83.52 3.72 -18.81	88.18 3.59 -23.67	85.58 3.66 -21.00	86.53 3.59 -22.07	83.56 3.65 -19.04	90.49 3.64 -26.12	88.17 3.70 -23.81	98.99 5.69 -0.04	107.97 5.84 -6.48	115.26 5.75 -13.76	115.11 5.66 -13.50	118.27 5.85 -16.57	115.92 5.75 -14.42	115.20 5.85 -13.49	112.59 5.93 -11.01	118.27 6.24 -15.99	119.10 6.44 -16.62	144.82 6.54 -42.14	118.22 6.14 -16.23	114.41 6.03 -12.73	100.95 3.89 -36.40	84.61 4.02 -19.66	89.27 3.58 -24.96
NEWKRMKL_115KV_TB1 55635	99.01 2.94 -32.25	89.20 2.81 -25.41	95.64 2.74 -31.97	92.03 2.74 -28.37	93.42 2.74 -29.82	89.33 2.74 -25.73	98.69 2.67 -35.29	95.37 2.55 -32.17	97.31 3.92 -0.14	138.49 4.02 -38.82	143.52 3.93 -43.84	144.00 3.93 -44.12	153.96 3.93 -54.18	143.18 3.93 -43.50	140.59 4.03 -40.71	132.74 3.83 -33.26	140.69 3.55 -41.09	147.26 3.46 -47.75	156.34 3.27 -56.94	133.45 3.64 -33.95	117.39 3.83 -17.91	112.26 2.43 -49.17	89.99 2.50 -26.57	97.06 2.61 -33.72
NEWTON__FALLS_HYD 23847	65.32 0.64 -0.86	62.27 0.61 -0.68	62.32 0.55 -0.85	62.17 0.49 -0.76	62.02 0.37 -0.79	61.91 0.37 -0.69	62.21 0.55 -0.94	62.12 0.61 -0.86	93.72 0.47 0.00	96.04 0.38 0.00	96.33 0.57 0.00	96.14 0.19 0.00	95.95 0.10 0.00	95.95 0.19 0.00	95.95 0.10 0.00	95.79 0.19 0.05	96.01 -0.19 -0.15	96.10 0.00 -0.05	97.66 0.00 -1.52	96.56 0.38 -0.32	96.67 0.57 -0.44	62.52 0.55 -1.31	61.93 0.30 -0.71	62.05 0.43 -0.90
NGRID_A1_DSASP 323792	63.92 -4.47 -4.56	60.01 -4.58 -3.60	60.81 -4.63 -4.52	60.30 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.97 -4.55	80.19 -13.06 0.01	82.37 -13.29 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.60 -14.19 -2.93	84.08 -14.46 -2.78	84.27 -14.19 -2.60	82.17 -15.40 -1.92	84.29 -14.41 -2.65	84.13 -14.98 -3.06	86.63 -13.36 -3.85	81.94 -14.48 -0.57	80.85 -15.21 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
NGRID_A2_DSASP 323793	63.92 -4.47 -4.56	60.01 -4.58 -3.60	60.81 -4.63 -4.52	60.30 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.97 -4.55	80.19 -13.06 0.01	82.37 -13.29 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.60 -14.19 -2.93	84.08 -14.46 -2.78	84.27 -14.19 -2.60	82.17 -15.40 -1.92	84.29 -14.41 -2.65	84.13 -14.98 -3.06	86.63 -13.36 -3.85	81.94 -14.48 -0.57	80.85 -15.21 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
NGRID_A4_DSASP 323807	63.92 -4.47 -4.56	60.01 -4.58 -3.60	60.81 -4.63 -4.52	60.30 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.97 -4.55	80.19 -13.06 0.01	82.37 -13.29 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.60 -14.19 -2.93	84.08 -14.46 -2.78	84.27 -14.19 -2.60	82.17 -15.40 -1.92	84.29 -14.41 -2.65	84.13 -14.98 -3.06	86.63 -13.36 -3.85	81.94 -14.48 -0.57	80.85 -15.21 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
NIAGARA_115E_LBMP 323715	63.22 -5.17 -4.57	59.40 -5.18 -3.60	60.21 -5.24 -4.53	59.70 -5.24 -4.02	59.55 -5.54 -4.22	58.91 -5.60 -3.64	59.04 -6.68 -5.00	57.93 -7.28 -4.56	80.01 -13.24 0.01	82.08 -13.58 -0.01	84.48 -13.79 -2.51	84.91 -13.43 -2.39	84.41 -14.38 -2.94	83.90 -14.65 -2.79	83.98 -14.48 -2.61	82.08 -15.49 -1.92	84.10 -14.60 -2.65	84.13 -14.98 -3.07	86.44 -13.55 -3.85	81.58 -14.86 -0.58	81.62 -14.45 -0.42	56.74 -7.28 -3.36	57.74 -6.95 -3.76	59.43 -6.07 -4.78
NIAGARA_115W_LBMP 323714	63.78 -4.60 -4.56	59.94 -4.64 -3.59	60.75 -4.69 -4.52	60.24 -4.69 -4.01	60.09 -4.99 -4.21	59.45 -5.05 -3.64	59.22 -6.50 -4.99	58.11 -7.10 -4.55	80.10 -13.15 0.01	82.18 -13.48 -0.01	84.66 -13.60 -2.50	85.09 -13.24 -2.39	84.50 -14.28 -2.93	83.89 -14.65 -2.78	84.17 -14.28 -2.60	82.07 -15.49 -1.91	84.10 -14.60 -2.65	84.03 -15.08 -3.06	86.63 -13.36 -3.85	81.86 -14.57 -0.57	80.67 -15.40 -0.41	55.90 -8.13 -3.36	57.91 -6.76 -3.75	59.97 -5.53 -4.77
NIAGARA_230_LBMP 323716	63.99 -4.34 -4.50	60.09 -4.45 -3.55	60.88 -4.51 -4.47	60.38 -4.51 -3.96	60.22 -4.81 -4.17	59.59 -4.87 -3.59	59.77 -5.89 -4.93	58.72 -6.43 -4.49	81.13 -12.12 0.01	83.23 -12.43 -0.01	85.78 -12.45 -2.47	86.21 -12.09 -2.36	85.71 -13.04 -2.89	85.10 -13.41 -2.74	85.29 -13.13 -2.57	83.39 -14.16 -1.89	85.32 -13.35 -2.62	85.33 -13.74 -3.02	86.85 -13.17 -3.87	82.17 -14.28 -0.60	81.93 -14.16 -0.44	56.58 -7.46 -3.38	58.54 -6.09 -3.71	60.09 -5.34 -4.71
NIAGARA__115KV_198_GIBSON 55903	63.79 -4.60 -4.56	59.94 -4.64 -3.59	60.75 -4.69 -4.52	60.24 -4.69 -4.01	60.09 -4.99 -4.21	59.45 -5.05 -3.64	59.21 -6.50 -4.99	58.10 -7.10 -4.55	79.82 -13.43 0.01	82.18 -13.49 -0.01	84.66 -13.60 -2.50	85.09 -13.24 -2.39	84.50 -14.28 -2.93	84.27 -14.27 -2.78	84.17 -14.28 -2.60	81.88 -15.69 -1.91	83.80 -14.89 -2.65	84.12 -14.98 -3.06	86.34 -13.65 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.84 -8.19 -3.36	57.91 -6.76 -3.75	59.97 -5.53 -4.77
NIAGARA____ 23760	64.05 -4.34 -4.57	60.14 -4.45 -3.60	60.94 -4.51 -4.53	60.43 -4.51 -4.02	60.27 -4.81 -4.22	59.63 -4.87 -3.64	59.83 -5.89 -4.99	58.77 -6.43 -4.55	81.13 -12.12 0.01	83.23 -12.43 -0.01	85.81 -12.45 -2.50	86.24 -12.09 -2.38	85.74 -13.04 -2.93	85.13 -13.41 -2.78	85.32 -13.13 -2.60	83.41 -14.16 -1.91	85.34 -13.35 -2.64	85.36 -13.74 -3.05	86.84 -13.17 -3.87	82.17 -14.28 -0.59	81.93 -14.16 -0.43	56.58 -7.46 -3.37	58.59 -6.09 -3.75	60.16 -5.34 -4.77
NINE_MILE_1 23575	63.65 -2.30 -2.12	60.40 -2.26 -1.67	60.65 -2.38 -2.10	60.47 -2.31 -1.87	60.45 -2.37 -1.96	60.18 -2.37 -1.69	60.55 -2.49 -2.32	60.28 -2.49 -2.12	88.87 -4.38 0.00	91.26 -4.40 0.00	91.36 -4.40 0.00	91.73 -4.22 0.00	91.45 -4.41 0.00	91.26 -4.50 0.00	91.45 -4.41 0.00	90.80 -4.59 0.26	92.01 -4.42 -0.38	91.66 -4.51 -0.13	95.56 -4.32 -3.74	92.06 -4.60 -0.80	92.16 -4.59 -1.09	61.29 -2.61 -3.23	60.23 -2.44 -1.75	60.51 -2.43 -2.22
NINE_MILE_2 23744	63.64 -2.30 -2.11	60.40 -2.26 -1.67	60.64 -2.38 -2.10	60.47 -2.31 -1.86	60.44 -2.37 -1.96	60.17 -2.37 -1.69	60.61 -2.43 -2.31	60.28 -2.49 -2.11	88.87 -4.38 0.00	91.26 -4.40 0.00	91.36 -4.40 0.00	91.73 -4.22 0.00	91.45 -4.41 0.00	91.26 -4.50 0.00	91.45 -4.41 0.00	90.80 -4.59 0.26	92.01 -4.42 -0.38	91.66 -4.51 -0.13	95.55 -4.32 -3.73	92.05 -4.60 -0.80	92.15 -4.59 -1.09	61.28 -2.61 -3.22	60.23 -2.44 -1.74	60.51 -2.43 -2.21
NM_CAPITAL__DRP 24208	99.05 3.06 -32.16	89.20 2.87 -25.34	95.67 2.86 -31.89	92.08 2.86 -28.29	93.40 2.80 -29.74	89.32 2.80 -25.66	98.65 2.73 -35.19	95.41 2.67 -32.08	97.49 4.10 -0.13	138.03 4.21 -38.17	143.14 4.12 -43.27	143.61 4.13 -43.54	153.43 4.12 -53.46	142.83 4.12 -42.95	140.27 4.22 -40.20	132.52 4.02 -32.84	140.52 3.84 -40.63	146.96 3.75 -47.17	156.57 3.65 -56.78	133.43 3.93 -33.65	117.62 4.11 -17.85	112.31 2.61 -49.04	90.10 2.68 -26.50	97.09 2.73 -33.63

NM_CENTRAL___DRP 24181	65.69 -1.02 -2.88	62.16 -1.10 -2.27	62.56 -1.22 -2.86	62.30 -1.16 -2.54	62.25 -1.28 -2.67	61.88 -1.28 -2.30	62.48 -1.40 -3.15	62.14 -1.40 -2.88	90.46 -2.80 0.00	92.88 -2.77 0.00	93.17 -2.59 0.00	93.65 -2.30 0.00	93.27 -2.59 0.00	93.08 -2.68 0.00	93.17 -2.68 0.00	92.51 -2.97 0.18	93.87 -2.69 -0.52	93.53 -2.69 -0.17	98.63 -2.60 -5.09	94.16 -2.78 -1.09	94.18 -2.97 -1.49	63.48 -1.58 -4.39	61.90 -1.40 -2.37	62.40 -1.34 -3.01
NM_FRONTIER___DRP 24179	63.79 -4.60 -4.56	59.94 -4.64 -3.59	60.75 -4.69 -4.52	60.24 -4.69 -4.01	60.09 -4.99 -4.21	59.45 -5.05 -3.64	59.21 -6.50 -4.99	58.10 -7.10 -4.55	79.82 -13.43 0.01	82.18 -13.49 -0.01	84.66 -13.60 -2.50	85.09 -13.24 -2.39	84.50 -14.28 -2.93	84.27 -14.27 -2.78	84.17 -14.28 -2.60	81.88 -15.69 -1.91	83.80 -14.89 -2.65	84.12 -14.98 -3.06	86.34 -13.65 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.84 -8.19 -3.36	57.91 -6.76 -3.75	59.97 -5.53 -4.77
NM_ST_REGIS___HYD 24053	64.12 -0.13 -0.43	61.32 0.00 -0.34	61.40 0.06 -0.42	61.17 -0.12 -0.37	61.13 -0.12 -0.39	61.14 -0.06 -0.34	61.25 0.06 -0.47	61.20 0.12 -0.42	93.16 -0.09 0.00	95.46 -0.19 0.00	95.47 -0.29 0.00	95.28 -0.67 0.00	95.28 -0.58 0.00	95.18 -0.57 0.00	95.18 -0.67 0.00	95.05 -0.57 0.03	94.68 -1.44 -0.08	94.44 -1.63 -0.03	95.45 -1.44 -0.75	95.15 -0.86 -0.16	95.87 0.00 -0.22	61.50 0.18 -0.65	61.03 -0.24 -0.35	60.99 -0.18 -0.44
NORTHPORT___1 23551	135.48 5.75 -65.91	120.89 5.55 -54.35	114.15 5.42 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.70 5.22 -28.75	99.93 5.46 -33.82	125.64 8.30 -24.09	145.10 8.51 -40.94	152.50 8.13 -48.60	152.11 7.96 -48.20	151.43 8.14 -47.43	149.33 8.13 -45.44	148.41 8.24 -44.31	151.40 8.32 -47.42	149.58 8.65 -44.89	152.84 8.16 -48.64	165.09 7.78 -61.16	148.93 8.53 -44.55	146.83 8.42 -42.76	144.28 5.52 -78.09	118.43 5.85 -51.66	93.60 5.40 -27.47
NORTHPORT___2 23552	135.48 5.75 -65.91	120.89 5.55 -54.35	114.15 5.42 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.70 5.22 -28.75	99.93 5.46 -33.82	125.64 8.30 -24.09	145.10 8.51 -40.94	152.50 8.13 -48.60	152.11 7.96 -48.20	151.43 8.14 -47.43	149.33 8.13 -45.44	148.41 8.24 -44.31	151.40 8.32 -47.42	149.58 8.65 -44.89	152.84 8.16 -48.64	159.53 7.78 -55.60	148.93 8.53 -44.55	146.83 8.42 -42.76	144.28 5.52 -78.09	118.43 5.85 -51.66	93.60 5.40 -27.47
NORTHPORT___3 23553	134.52 4.79 -65.91	119.91 4.58 -54.35	113.12 4.39 -47.81	111.32 4.39 -46.01	89.48 4.32 -24.30	94.03 4.32 -28.85	93.66 4.19 -28.75	98.90 4.43 -33.82	124.24 6.90 -24.09	143.57 6.98 -40.94	150.68 6.32 -48.60	150.68 6.53 -48.20	149.99 6.71 -47.43	147.80 6.60 -45.44	147.07 6.91 -44.31	149.87 6.79 -47.42	148.14 7.21 -44.89	152.36 7.69 -48.63	161.24 8.27 -56.83	147.59 7.19 -44.55	145.68 7.27 -42.76	143.55 4.79 -78.09	117.63 5.05 -51.66	92.69 4.49 -27.47
NORTHPORT___4 23650	134.52 4.79 -65.91	119.91 4.58 -54.35	113.12 4.39 -47.81	111.32 4.39 -46.01	89.48 4.32 -24.30	94.03 4.32 -28.85	93.66 4.19 -28.75	98.90 4.43 -33.82	124.24 6.90 -24.09	143.57 6.98 -40.94	150.68 6.32 -48.60	150.68 6.53 -48.20	149.99 6.71 -47.43	147.80 6.60 -45.44	147.07 6.91 -44.31	149.87 6.79 -47.42	148.14 7.21 -44.89	152.36 7.69 -48.63	161.24 8.27 -56.83	147.59 7.19 -44.55	145.68 7.27 -42.76	143.55 4.79 -78.09	117.63 5.05 -51.66	92.69 4.49 -27.47
NORTHPORT___IC 23718	135.47 5.74 -65.91	120.89 5.55 -54.35	114.15 5.42 -47.81	112.41 5.48 -46.01	90.57 5.42 -24.30	95.12 5.42 -28.85	94.70 5.22 -28.75	99.93 5.46 -33.82	125.74 8.39 -24.09	145.10 8.51 -40.94	152.60 8.24 -48.60	152.12 7.96 -48.20	151.43 8.15 -47.43	149.24 8.04 -45.43	148.40 8.24 -44.31	151.50 8.42 -47.42	149.58 8.64 -44.89	152.75 8.07 -48.64	159.53 7.79 -55.60	148.93 8.53 -44.55	146.83 8.42 -42.76	144.22 5.46 -78.09	118.43 5.85 -51.66	93.60 5.40 -27.47
NORTH___COUNTRY_ESR 323785	62.87 -0.96 0.00	60.13 -0.85 0.00	60.13 -0.79 0.00	59.95 -0.98 0.00	59.95 -0.91 0.00	59.95 -0.91 0.00	59.63 -1.09 0.00	59.57 -1.09 0.00	91.48 -1.77 0.00	93.64 -2.01 0.00	93.56 -2.20 0.00	93.45 -2.50 0.00	93.46 -2.39 0.00	93.37 -2.39 0.00	93.27 -2.58 0.00	93.35 -2.30 0.01	93.46 -2.59 0.00	93.55 -2.50 0.00	93.93 -2.21 0.00	94.13 -1.72 0.00	94.60 -1.05 0.00	59.88 -0.79 0.00	59.64 -1.28 0.00	59.45 -1.28 0.00
NPX_GEN_1385_PROXY 323591	135.54 5.81 -65.91	121.56 6.22 -54.35	115.25 6.52 -47.81	113.57 6.64 -46.01	108.44 6.82 -40.76	110.77 6.82 -43.09	99.00 6.56 -31.71	104.75 6.79 -37.30	126.86 9.52 -24.09	145.58 8.99 -40.94	153.46 9.10 -48.60	153.66 9.50 -48.20	152.96 9.68 -47.43	150.86 9.67 -45.44	149.56 9.40 -44.31	153.12 10.04 -47.42	150.92 9.99 -44.89	154.76 10.08 -48.64	165.57 9.61 -59.82	150.08 9.68 -44.55	147.50 9.09 -42.76	144.28 5.52 -78.09	119.40 6.82 -51.66	106.30 6.74 -38.83
NPX_GEN_CSC 323557	136.05 6.32 -65.91	121.32 5.98 -54.35	114.52 5.79 -47.81	112.72 5.79 -46.01	90.88 5.72 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.11 5.64 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.17 8.80 -48.60	153.50 9.30 -48.25	152.29 9.01 -47.43	150.48 9.29 -45.44	149.56 9.40 -44.31	152.68 9.56 -47.46	150.78 9.80 -44.93	154.61 9.80 -48.76	256.98 9.71 -151.13	150.12 9.68 -44.59	147.88 9.47 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.91 5.71 -27.47
NSINS_S___GLNS_FALLS 23858	102.33 5.36 -33.15	92.11 5.00 -26.12	98.72 4.93 -32.87	94.96 4.87 -29.16	96.38 4.87 -30.65	92.18 4.87 -26.45	101.74 4.74 -36.27	98.58 4.85 -33.07	101.20 7.74 -0.20	168.72 8.13 -64.93	170.12 8.24 -66.12	171.14 8.25 -66.94	186.30 8.24 -82.20	168.56 8.04 -64.76	164.33 7.86 -60.61	153.12 7.94 -49.53	162.81 8.26 -58.50	174.69 8.45 -70.20	162.93 8.27 -58.53	148.75 7.96 -44.94	122.41 7.75 -19.01	116.06 4.85 -50.54	93.17 4.93 -27.31	100.13 4.74 -34.66
NUCOR_STEEL___DRP 24197	67.44 -0.13 -3.75	63.76 -0.18 -2.95	64.27 -0.37 -3.71	63.85 -0.37 -3.30	63.84 -0.49 -3.46	63.36 -0.49 -2.99	64.22 -0.61 -4.10	63.79 -0.61 -3.74	91.59 -1.68 -0.01	94.06 -1.63 -0.03	96.38 -1.44 -2.06	96.76 -1.15 -1.97	96.73 -1.53 -2.41	96.51 -1.53 -2.29	96.46 -1.53 -2.14	95.42 -1.82 -1.58	97.33 -1.44 -2.72	97.30 -1.44 -2.70	103.31 -1.35 -8.51	97.94 -1.63 -3.71	96.85 -1.72 -2.91	67.16 -0.85 -7.34	63.34 -0.67 -3.09	64.04 -0.61 -3.92
NUMBER_THREE_WT_PWR 323818	66.83 1.85 -1.15	63.60 1.71 -0.91	63.71 1.65 -1.14	63.51 1.58 -1.01	63.33 1.40 -1.06	63.24 1.46 -0.92	63.62 1.64 -1.26	63.56 1.76 -1.15	95.02 1.77 0.00	97.28 1.62 0.00	97.57 1.81 0.00	97.29 1.34 0.00	97.10 1.24 0.00	97.10 1.34 0.00	97.10 1.24 0.00	97.11 1.53 0.07	97.98 1.73 -0.21	98.61 2.49 -0.07	100.66 2.50 -2.03	98.88 2.59 -0.43	98.16 1.91 -0.59	63.94 1.52 -1.75	63.21 1.34 -0.95	63.38 1.46 -1.20
NYISO_LBMP_REFERENCE 24008	63.82 0.00 0.00	60.99 0.00 0.00	60.92 0.00 0.00	60.92 0.00 0.00	60.86 0.00 0.00	60.86 0.00 0.00	60.73 0.00 0.00	60.66 0.00 0.00	93.26 0.00 0.00	95.65 0.00 0.00	95.76 0.00 0.00	95.95 0.00 0.00	95.85 0.00 0.00	95.76 0.00 0.00	95.85 0.00 0.00	95.65 0.00 0.00	96.04 0.00 0.00	96.04 0.00 0.00	96.14 0.00 0.00	95.85 0.00 0.00	95.65 0.00 0.00	60.67 0.00 0.00	60.92 0.00 0.00	60.73 0.00 0.00

NYPA_BRENTWD____GT 24164	136.49 6.76 -65.91	121.74 6.40 -54.35	114.95 6.22 -47.81	113.20 6.28 -46.01	91.30 6.14 -24.30	95.85 6.14 -28.85	95.43 5.95 -28.75	100.66 6.19 -33.82	126.95 9.61 -24.09	146.63 10.04 -40.94	154.23 9.87 -48.60	153.75 9.59 -48.21	153.35 10.06 -47.43	151.15 9.96 -45.44	150.22 10.06 -44.31	153.03 9.95 -47.43	151.12 10.18 -44.90	153.43 8.74 -48.65	175.15 8.55 -70.45	150.56 10.16 -44.55	148.65 10.24 -42.76	145.37 6.61 -78.09	119.34 6.76 -51.66	94.40 6.20 -27.47
NYPA_GOWANUS____GT5 24156	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NYPA_GOWANUS____GT6 24157	100.66 4.85 -31.99	99.67 4.63 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.95 -21.02	99.54 4.19 -34.63	99.54 4.43 -34.46	103.01 6.90 -2.85	108.67 6.89 -6.13	116.84 6.80 -14.28	116.85 6.91 -13.99	120.29 7.28 -17.16	117.90 7.09 -15.05	117.14 7.19 -14.09	114.42 7.27 -11.49	120.75 7.78 -16.93	121.36 7.88 -17.43	150.62 8.08 -46.40	121.17 7.86 -17.46	117.30 7.66 -13.99	105.83 5.03 -40.13	103.37 5.24 -37.21	101.49 4.68 -36.08
NYPA_HARLEM__RVR__GT1 24160	94.33 4.21 -26.29	85.73 4.02 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.41 3.59 -20.96	93.12 3.64 -28.75	90.75 3.89 -26.21	99.35 6.06 -0.04	107.99 6.21 -6.12	116.26 6.22 -14.28	116.26 6.33 -13.98	119.61 6.61 -17.15	117.22 6.42 -15.04	116.46 6.52 -14.08	113.74 6.60 -11.49	119.98 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.45	116.53 6.89 -13.98	105.29 4.55 -40.07	87.21 4.63 -21.66	92.40 4.19 -27.49
NYPA_HARLEM__RVR__GT2 24161	94.33 4.21 -26.29	85.73 4.02 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.41 3.59 -20.96	93.12 3.64 -28.75	90.75 3.89 -26.21	99.35 6.06 -0.04	107.99 6.21 -6.12	116.26 6.22 -14.28	116.26 6.33 -13.98	119.61 6.61 -17.15	117.22 6.42 -15.04	116.46 6.52 -14.08	113.74 6.60 -11.49	119.98 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.45	116.53 6.89 -13.98	105.29 4.55 -40.07	87.21 4.63 -21.66	92.40 4.19 -27.49
NYPA_KENT____GT 24152	98.03 4.66 -29.55	93.85 4.51 -28.35	95.94 4.20 -30.81	88.16 4.08 -23.15	89.15 3.95 -24.34	85.82 3.95 -21.00	96.92 4.07 -32.12	95.90 4.31 -30.94	101.63 6.72 -1.65	108.57 6.79 -6.13	116.75 6.70 -14.28	116.75 6.81 -13.99	120.20 7.19 -17.16	117.80 6.99 -15.05	117.04 7.09 -14.09	114.23 7.08 -11.49	120.56 7.59 -16.93	121.16 7.69 -17.43	150.43 7.89 -46.40	120.98 7.67 -17.46	117.11 7.47 -13.99	105.68 4.91 -40.11	96.80 5.12 -30.76	97.69 4.56 -32.41
NYPA_POUCH1____GT 24155	100.54 4.72 -31.99	99.61 4.58 -34.05	99.61 4.33 -34.36	88.00 3.90 -23.18	89.06 3.84 -24.36	85.66 3.77 -21.02	99.49 4.13 -34.63	99.49 4.37 -34.46	102.82 6.72 -2.85	108.29 6.51 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.82 6.81 -17.16	117.41 6.60 -15.05	116.75 6.81 -14.09	113.94 6.79 -11.49	120.27 7.30 -16.93	121.06 7.59 -17.43	150.24 7.69 -46.40	120.79 7.48 -17.46	116.91 7.27 -13.99	105.65 4.86 -40.13	103.18 5.05 -37.21	101.37 4.56 -36.08
NYPA_VERNON____GT2 24162	95.47 4.53 -27.12	87.97 4.33 -22.65	92.27 4.08 -27.26	88.07 4.02 -23.13	89.07 3.90 -24.31	85.74 3.90 -20.98	94.28 3.94 -29.61	92.25 4.18 -27.42	100.24 6.53 -0.45	108.47 6.69 -6.13	116.65 6.60 -14.28	116.65 6.71 -13.99	120.00 6.99 -17.16	117.71 6.90 -15.05	116.94 6.99 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	121.06 7.59 -17.43	150.24 7.69 -46.40	120.79 7.48 -17.46	116.91 7.27 -13.99	105.54 4.79 -40.08	90.16 4.93 -24.31	93.89 4.43 -28.74
NYPA_VERNON____GT3 24163	95.47 4.53 -27.12	87.97 4.33 -22.65	92.27 4.08 -27.26	88.07 4.02 -23.13	89.07 3.90 -24.31	85.74 3.90 -20.98	94.28 3.94 -29.61	92.25 4.18 -27.42	100.24 6.53 -0.45	108.47 6.69 -6.13	116.65 6.60 -14.28	116.65 6.71 -13.99	120.00 6.99 -17.16	117.71 6.90 -15.05	116.94 6.99 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	121.06 7.59 -17.43	150.24 7.69 -46.40	120.79 7.48 -17.46	116.91 7.27 -13.99	105.54 4.79 -40.08	90.16 4.93 -24.31	93.89 4.43 -28.74
NYPA__ASTORIA_CC1 323568	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.84 -24.30	85.67 3.84 -20.97	93.38 3.89 -28.76	91.00 4.13 -26.22	99.73 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.55 6.62 -13.99	120.00 6.99 -17.16	117.61 6.80 -15.05	116.85 6.91 -14.09	114.04 6.89 -11.49	120.27 7.30 -16.93	120.97 7.50 -17.43	150.14 7.59 -46.40	120.69 7.38 -17.46	116.82 7.18 -13.99	105.47 4.74 -40.07	88.00 4.88 -22.20	92.59 4.37 -27.49
NYPA__ASTORIA_CC2 323569	94.58 4.47 -26.29	85.97 4.27 -20.72	91.00 4.02 -26.06	88.00 3.96 -23.12	89.00 3.84 -24.30	85.67 3.84 -20.97	93.38 3.89 -28.76	91.00 4.13 -26.22	99.73 6.43 -0.05	108.38 6.60 -6.13	116.56 6.51 -14.28	116.55 6.62 -13.99	120.00 6.99 -17.16	117.61 6.80 -15.05	116.85 6.91 -14.09	114.04 6.89 -11.49	120.27 7.30 -16.93	120.97 7.50 -17.43	150.14 7.59 -46.40	120.69 7.38 -17.46	116.82 7.18 -13.99	105.47 4.74 -40.07	88.00 4.88 -22.20	92.59 4.37 -27.49
NYPA__HOLTSVILL 23794	135.67 5.94 -65.91	121.01 5.67 -54.35	114.21 5.49 -47.81	112.41 5.49 -46.01	90.57 5.41 -24.30	95.12 5.41 -28.85	94.63 5.16 -28.75	99.87 5.40 -33.82	125.74 8.40 -24.09	145.29 8.70 -40.94	152.79 8.43 -48.60	152.83 8.64 -48.25	152.01 8.72 -47.43	149.91 8.71 -45.44	148.97 8.81 -44.31	152.02 8.90 -47.46	150.20 9.22 -44.93	153.93 9.13 -48.76	256.33 9.03 -151.16	149.65 9.20 -44.59	147.40 8.99 -42.76	144.64 5.88 -78.09	118.61 6.03 -51.66	93.67 5.47 -27.47
NYPA__HELLGATE_GT1 24158	94.33 4.21 -26.29	85.73 4.02 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.41 3.59 -20.96	93.12 3.64 -28.75	90.75 3.89 -26.21	99.35 6.06 -0.04	107.99 6.21 -6.12	116.26 6.22 -14.28	116.26 6.33 -13.98	119.61 6.61 -17.15	117.22 6.42 -15.04	116.46 6.52 -14.08	113.74 6.60 -11.49	119.98 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.45	116.53 6.89 -13.98	105.29 4.55 -40.07	87.21 4.63 -21.66	92.40 4.19 -27.49
NYPA__HELLGATE_GT2 24159	94.33 4.21 -26.29	85.73 4.02 -20.72	90.76 3.78 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.41 3.59 -20.96	93.12 3.64 -28.75	90.75 3.89 -26.21	99.35 6.06 -0.04	107.99 6.21 -6.12	116.26 6.22 -14.28	116.26 6.33 -13.98	119.61 6.61 -17.15	117.22 6.42 -15.04	116.46 6.52 -14.08	113.74 6.60 -11.49	119.98 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.30 6.99 -17.45	116.53 6.89 -13.98	105.29 4.55 -40.07	87.21 4.63 -21.66	92.40 4.19 -27.49
NYS_BARGE__HYD 23848	64.02 -4.28 -4.47	60.12 -4.39 -3.52	60.91 -4.44 -4.43	60.41 -4.44 -3.93	60.25 -4.75 -4.13	59.62 -4.81 -3.57	59.79 -5.83 -4.89	58.68 -6.43 -4.46	81.31 -11.94 0.01	83.51 -12.15 -0.01	85.86 -12.35 -2.45	86.29 -12.00 -2.34	85.88 -12.84 -2.87	85.27 -13.22 -2.72	85.37 -13.04 -2.55	83.56 -13.97 -1.87	85.58 -13.06 -2.60	85.70 -13.35 -3.00	87.78 -12.21 -3.85	83.04 -13.42 -0.61	82.90 -13.20 -0.44	57.35 -6.67 -3.36	58.57 -6.03 -3.68	60.12 -5.28 -4.67

OAK ORCHARD___HYD 24046	65.90 -1.72 -3.80	62.09 -1.89 -2.99	62.68 -2.01 -3.77	62.19 -2.07 -3.34	62.19 -2.19 -3.51	61.71 -2.19 -3.03	62.09 -2.79 -4.16	61.42 -3.03 -3.79	86.72 -6.53 0.00	88.97 -6.70 -0.01	91.11 -6.71 -2.05	91.57 -6.34 -1.96	91.16 -7.09 -2.40	90.57 -7.47 -2.28	90.80 -7.19 -2.13	89.06 -8.13 -1.53	91.29 -7.01 -2.25	90.99 -7.59 -2.54	93.28 -6.82 -3.96	88.81 -7.95 -0.91	88.32 -8.03 -0.70	60.47 -3.64 -3.44	61.37 -2.68 -3.13	62.27 -2.43 -3.97
OAKDALE___35_KV_LOAD 356122	72.31 -0.26 -8.74	67.57 -0.30 -6.88	69.22 -0.37 -8.66	68.24 -0.37 -7.69	68.39 -0.55 -8.08	67.29 -0.55 -6.97	69.50 -0.79 -9.56	68.52 -0.85 -8.72	91.58 -1.68 -0.01	96.96 -1.63 -2.93	99.91 -1.53 -5.69	100.20 -1.34 -5.60	101.28 -1.44 -6.87	100.25 -1.44 -5.92	99.96 -1.44 -5.54	98.51 -1.53 -4.38	100.78 -1.34 -6.08	101.56 -1.15 -6.67	107.40 -1.25 -12.51	99.01 -1.34 -4.49	97.49 -1.43 -3.27	70.52 -0.97 -10.82	67.33 -0.79 -7.20	69.07 -0.79 -9.14
OCC_CHEM___DRP 24175	63.92 -4.47 -4.56	60.01 -4.57 -3.60	60.82 -4.63 -4.52	60.31 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.98 -4.55	79.91 -13.34 0.01	82.27 -13.39 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.70 -14.09 -2.93	84.37 -14.17 -2.78	84.27 -14.19 -2.60	81.98 -15.59 -1.92	84.00 -14.69 -2.65	84.32 -14.79 -3.06	86.44 -13.56 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
OH_GEN_PROXY 24063	64.00 -4.34 -4.52	60.16 -4.39 -3.56	60.96 -4.44 -4.48	60.45 -4.44 -3.97	60.29 -4.75 -4.18	59.66 -4.81 -3.60	59.84 -5.83 -4.94	58.85 -6.31 -4.51	81.31 -11.94 0.01	83.42 -12.24 -0.01	86.07 -12.16 -2.48	86.51 -11.81 -2.36	85.91 -12.84 -2.90	85.40 -13.12 -2.75	85.59 -12.84 -2.58	83.68 -13.87 -1.89	85.62 -13.06 -2.63	85.63 -13.45 -3.03	87.18 -12.88 -3.92	82.48 -14.00 -0.62	82.24 -13.87 -0.46	56.80 -7.28 -3.42	58.61 -6.03 -3.72	60.17 -5.28 -4.72
OLIN_CORP_DRP 24177	63.44 -4.98 -4.60	59.55 -5.06 -3.62	60.42 -5.06 -4.56	59.85 -5.12 -4.04	59.76 -5.36 -4.25	59.05 -5.48 -3.67	59.26 -6.50 -5.03	58.08 -7.16 -4.59	80.01 -13.24 0.01	82.37 -13.30 -0.01	84.78 -13.50 -2.53	85.21 -13.15 -2.41	84.72 -14.09 -2.96	84.49 -14.08 -2.81	84.29 -14.19 -2.62	82.19 -15.40 -1.93	84.11 -14.60 -2.67	84.44 -14.69 -3.09	86.34 -13.65 -3.85	81.75 -14.67 -0.56	81.61 -14.44 -0.40	56.74 -7.28 -3.35	57.89 -6.82 -3.79	59.58 -5.95 -4.81
OLIN_CORP_DSASP 323712	63.92 -4.47 -4.56	60.01 -4.58 -3.60	60.81 -4.63 -4.52	60.30 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.97 -4.55	80.19 -13.06 0.01	82.37 -13.29 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.60 -14.19 -2.93	84.08 -14.46 -2.78	84.27 -14.19 -2.60	82.17 -15.40 -1.92	84.29 -14.41 -2.65	84.13 -14.98 -3.06	86.63 -13.36 -3.85	81.94 -14.48 -0.57	80.85 -15.21 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
ONEIDA_HERK_LFGE 323681	66.83 2.04 -0.96	63.64 1.89 -0.76	63.70 1.83 -0.95	63.54 1.77 -0.85	63.40 1.64 -0.89	63.33 1.70 -0.77	63.60 1.82 -1.05	63.50 1.88 -0.96	95.68 2.42 0.00	98.14 2.48 0.00	98.44 2.68 0.00	98.44 2.49 0.00	98.25 2.40 0.00	98.25 2.49 0.00	98.25 2.40 0.00	98.08 2.48 0.06	98.81 2.59 -0.17	98.98 2.88 -0.06	100.63 2.79 -1.70	99.09 2.87 -0.36	98.63 2.48 -0.50	63.83 1.70 -1.47	63.30 1.58 -0.79	63.31 1.58 -1.01
ONEIDA___115KV_TB4 55905	67.60 1.98 -1.80	64.30 1.89 -1.42	64.47 1.77 -1.78	64.27 1.77 -1.58	64.17 1.64 -1.66	64.00 1.70 -1.44	64.46 1.76 -1.97	64.21 1.76 -1.80	95.68 2.42 0.00	98.14 2.49 0.00	98.54 2.78 0.00	98.73 2.78 0.00	98.44 2.59 0.00	98.44 2.68 0.00	98.54 2.68 0.00	98.05 2.49 0.10	98.96 2.59 -0.32	98.84 2.69 -0.11	101.82 2.50 -3.18	99.12 2.59 -0.68	98.88 2.30 -0.93	64.87 1.46 -2.74	63.87 1.46 -1.48	64.07 1.46 -1.88
ONONDAGA_REF_OCCRA 23987	66.61 -0.64 -3.42	62.95 -0.73 -2.70	63.46 -0.85 -3.39	63.08 -0.85 -3.01	63.05 -0.97 -3.17	62.68 -0.91 -2.73	63.44 -1.03 -3.75	63.04 -1.03 -3.41	91.12 -2.14 -0.01	93.57 -2.10 -0.02	95.68 -1.92 -1.84	96.07 -1.63 -1.76	96.09 -1.92 -2.15	95.89 -1.92 -2.04	95.85 -1.92 -1.91	94.85 -2.20 -1.39	96.53 -1.92 -2.41	96.53 -1.92 -2.40	101.70 -1.83 -7.39	96.97 -2.01 -3.13	95.93 -2.20 -2.47	65.88 -1.15 -6.37	62.71 -1.04 -2.82	63.33 -0.97 -3.58
ONONDAGA___COGEN 23986	66.69 -0.38 -3.25	63.12 -0.43 -2.56	63.53 -0.61 -3.22	63.17 -0.61 -2.86	63.14 -0.73 -3.00	62.78 -0.67 -2.59	63.49 -0.79 -3.56	63.11 -0.79 -3.24	91.40 -1.87 -0.01	93.95 -1.72 -0.02	95.96 -1.53 -1.73	96.35 -1.25 -1.65	96.35 -1.53 -2.03	96.15 -1.53 -1.92	96.02 -1.63 -1.80	95.03 -1.91 -1.28	96.65 -1.54 -2.14	96.73 -1.54 -2.22	100.34 -1.54 -5.74	96.41 -1.63 -2.19	95.57 -1.82 -1.73	64.71 -0.91 -4.95	62.81 -0.79 -2.68	63.39 -0.73 -3.40
ONTARIO___LFGE 23819	68.04 -0.13 -4.34	64.11 -0.30 -3.42	64.74 -0.49 -4.30	64.19 -0.55 -3.82	64.08 -0.79 -4.01	63.60 -0.73 -3.46	64.39 -1.09 -4.75	63.83 -1.15 -4.33	89.60 -3.64 0.01	92.12 -3.54 0.00	94.60 -3.54 -2.38	95.05 -3.16 -2.27	95.00 -3.64 -2.79	94.57 -3.83 -2.64	94.59 -3.74 -2.47	93.52 -3.93 -1.80	95.01 -3.36 -2.33	95.14 -3.75 -2.85	94.93 -2.98 -1.77	91.79 -3.45 0.61	91.50 -3.63 0.52	60.61 -1.64 -1.57	63.22 -1.28 -3.58	64.05 -1.21 -4.54
ORANGEVILLE_WT_PWR 323706	66.05 -3.13 -5.35	61.97 -3.23 -4.21	62.93 -3.29 -5.30	62.28 -3.35 -4.70	62.16 -3.65 -4.94	61.30 -3.83 -4.27	61.84 -4.74 -5.85	60.90 -5.09 -5.33	84.01 -9.23 0.01	87.63 -9.56 -1.54	89.34 -9.58 -3.16	89.84 -9.21 -3.10	90.18 -9.49 -3.81	89.58 -9.48 -3.30	89.36 -9.58 -3.09	88.01 -9.95 -2.31	89.04 -9.99 -2.99	89.55 -10.08 -3.58	88.89 -10.29 -3.04	85.00 -10.64 0.21	85.00 -10.42 0.23	57.27 -6.07 -2.67	59.91 -5.42 -4.41	61.34 -4.98 -5.59
ORANGEVILLE___ESR 323794	66.05 -3.13 -5.35	61.97 -3.23 -4.21	62.93 -3.29 -5.30	62.28 -3.35 -4.70	62.16 -3.65 -4.94	61.30 -3.83 -4.27	61.84 -4.74 -5.85	60.90 -5.09 -5.33	84.01 -9.23 0.01	87.63 -9.56 -1.54	89.34 -9.58 -3.16	89.84 -9.21 -3.10	90.18 -9.49 -3.81	89.58 -9.48 -3.30	89.36 -9.58 -3.09	88.01 -9.95 -2.31	89.04 -9.99 -2.99	89.55 -10.08 -3.58	88.89 -10.29 -3.04	85.00 -10.64 0.21	85.00 -10.42 0.23	57.27 -6.07 -2.67	59.91 -5.42 -4.41	61.34 -4.98 -5.59
OSWEGATCHIE___HYD 24044	65.32 0.64 -0.86	62.27 0.61 -0.68	62.32 0.55 -0.85	62.16 0.49 -0.76	62.02 0.37 -0.79	61.98 0.43 -0.69	62.21 0.55 -0.94	62.12 0.61 -0.86	93.72 0.47 0.00	96.04 0.38 0.00	96.34 0.58 0.00	96.14 0.19 0.00	95.95 0.10 0.00	95.95 0.19 0.00	95.95 0.10 0.00	95.79 0.19 0.05	96.01 -0.19 -0.15	96.10 0.00 -0.05	97.66 0.00 -1.52	96.56 0.38 -0.32	96.67 0.58 -0.44	62.52 0.54 -1.31	61.94 0.31 -0.71	62.05 0.43 -0.90
OSWEGO___5 23606	64.33 -1.85 -2.36	61.02 -1.83 -1.86	61.37 -1.89 -2.34	61.11 -1.89 -2.07	61.09 -1.95 -2.18	60.86 -1.89 -1.88	61.24 -2.06 -2.58	60.95 -2.06 -2.35	89.52 -3.73 0.00	91.92 -3.73 0.00	92.12 -3.64 0.00	92.40 -3.55 0.00	92.11 -3.74 0.00	91.93 -3.83 0.00	92.11 -3.74 0.00	91.49 -3.93 0.24	92.72 -3.75 -0.42	92.34 -3.84 -0.14	96.65 -3.65 -4.16	92.91 -3.84 -0.89	92.94 -3.93 -1.21	62.08 -2.18 -3.59	60.86 -2.01 -1.94	61.19 -2.00 -2.47

OSWEGO___6 23613	64.33 -1.85 -2.36	61.02 -1.83 -1.86	61.37 -1.89 -2.34	61.11 -1.89 -2.07	61.09 -1.95 -2.18	60.86 -1.89 -1.88	61.24 -2.06 -2.58	60.95 -2.06 -2.35	89.52 -3.73 0.00	91.92 -3.73 0.00	92.12 -3.64 0.00	92.40 -3.55 0.00	92.11 -3.74 0.00	91.93 -3.83 0.00	92.11 -3.74 0.00	91.49 -3.93 0.24	92.72 -3.75 -0.42	92.34 -3.84 -0.14	96.65 -3.65 -4.16	92.91 -3.84 -0.89	92.94 -3.93 -1.21	62.08 -2.18 -3.59	60.86 -2.01 -1.94	61.19 -2.00 -2.47
OUTOKUMPU-AB___DRP 24206	64.63 -3.83 -4.64	60.68 -3.96 -3.65	61.50 -4.02 -4.60	60.98 -4.02 -4.08	60.89 -4.26 -4.29	60.12 -4.44 -3.70	60.21 -5.59 -5.08	59.16 -6.13 -4.63	81.68 -11.56 0.01	84.18 -11.48 -0.01	86.72 -11.59 -2.55	87.06 -11.32 -2.43	86.76 -12.08 -2.98	86.53 -12.07 -2.83	86.23 -12.27 -2.65	84.31 -13.30 -1.95	86.15 -12.58 -2.69	86.67 -12.49 -3.11	88.14 -11.83 -3.82	83.82 -12.56 -0.52	83.69 -12.34 -0.37	57.20 -6.79 -3.33	58.96 -5.79 -3.82	60.72 -4.86 -4.85
OXBOW___BTM 323836	64.15 -4.28 -4.60	60.22 -4.39 -3.63	61.04 -4.44 -4.56	60.52 -4.44 -4.05	60.37 -4.75 -4.25	59.66 -4.87 -3.67	59.63 -6.13 -5.03	58.57 -6.67 -4.59	80.85 -12.40 0.01	83.03 -12.63 -0.01	85.55 -12.74 -2.53	85.98 -12.38 -2.41	85.49 -13.32 -2.96	84.87 -13.70 -2.81	85.06 -13.42 -2.63	83.14 -14.45 -1.94	85.07 -13.64 -2.67	85.21 -13.93 -3.09	87.28 -12.69 -3.84	82.69 -13.71 -0.54	81.89 -14.16 -0.39	56.49 -7.52 -3.35	58.38 -6.34 -3.79	60.25 -5.28 -4.81
OXBOW____ 24026	64.15 -4.28 -4.60	60.22 -4.39 -3.63	61.04 -4.45 -4.56	60.52 -4.45 -4.05	60.37 -4.75 -4.25	59.66 -4.87 -3.67	59.63 -6.13 -5.03	58.57 -6.67 -4.59	80.66 -12.59 0.01	83.04 -12.63 -0.01	85.55 -12.74 -2.53	85.98 -12.38 -2.41	85.49 -13.32 -2.96	85.26 -13.31 -2.81	85.06 -13.42 -2.63	82.96 -14.64 -1.94	84.88 -13.83 -2.67	85.30 -13.83 -3.09	87.09 -12.88 -3.84	82.69 -13.71 -0.54	82.56 -13.49 -0.39	56.43 -7.58 -3.35	58.38 -6.34 -3.79	60.25 -5.28 -4.81
OXY_CHEM_DSASP 323612	63.92 -4.47 -4.56	60.01 -4.57 -3.60	60.82 -4.63 -4.52	60.31 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.98 -4.55	79.91 -13.34 0.01	82.27 -13.39 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.70 -14.09 -2.93	84.37 -14.17 -2.78	84.27 -14.19 -2.60	81.98 -15.59 -1.92	84.00 -14.69 -2.65	84.32 -14.79 -3.06	86.44 -13.56 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
OZONE_PARK_ESR 323760	94.76 4.66 -26.28	86.15 4.45 -20.71	91.18 4.20 -26.06	88.24 4.20 -23.12	89.30 4.14 -24.30	85.97 4.14 -20.97	93.55 4.07 -28.76	91.18 4.31 -26.22	100.02 6.71 -0.05	108.76 6.98 -6.12	117.03 6.99 -14.28	117.13 7.20 -13.98	120.39 7.38 -17.16	118.09 7.28 -15.05	117.32 7.38 -14.09	114.61 7.46 -11.49	120.76 7.78 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.07 7.76 -17.46	117.30 7.65 -13.99	105.71 4.97 -40.07	87.69 5.12 -21.65	92.76 4.55 -27.48
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	63.92 -4.47 -4.56	60.01 -4.57 -3.60	60.82 -4.63 -4.52	60.31 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.98 -4.55	79.91 -13.34 0.01	82.27 -13.39 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.70 -14.09 -2.93	84.37 -14.17 -2.78	84.27 -14.19 -2.60	81.98 -15.59 -1.92	84.00 -14.69 -2.65	84.32 -14.79 -3.06	86.44 -13.56 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
PACKARD__I15KV_DUPONT_I84 80571	63.92 -4.47 -4.56	60.01 -4.57 -3.60	60.82 -4.63 -4.52	60.31 -4.63 -4.01	60.15 -4.93 -4.22	59.51 -4.99 -3.64	59.34 -6.38 -4.99	58.23 -6.98 -4.55	79.91 -13.34 0.01	82.27 -13.39 -0.01	84.86 -13.41 -2.51	85.29 -13.05 -2.39	84.70 -14.09 -2.93	84.37 -14.17 -2.78	84.27 -14.19 -2.60	81.98 -15.59 -1.92	84.00 -14.69 -2.65	84.32 -14.79 -3.06	86.44 -13.56 -3.85	81.95 -14.47 -0.57	81.72 -14.35 -0.41	55.96 -8.07 -3.36	58.04 -6.64 -3.76	60.03 -5.47 -4.77
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	94.33 4.21 -26.29	85.79 4.09 -20.72	90.82 3.84 -26.06	87.76 3.72 -23.12	88.76 3.59 -24.30	85.42 3.59 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.00 6.22 -6.13	116.17 6.13 -14.28	116.17 6.24 -13.99	119.53 6.52 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.75 6.60 -11.49	119.89 6.92 -16.93	120.59 7.11 -17.43	149.66 7.11 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.29 4.55 -40.07	87.21 4.63 -21.66	92.41 4.19 -27.49
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	94.84 4.72 -26.29	86.28 4.57 -20.72	91.31 4.33 -26.06	88.25 4.20 -23.12	89.24 4.08 -24.30	85.85 4.02 -20.97	93.55 4.07 -28.76	91.18 4.31 -26.22	100.11 6.81 -0.05	108.76 6.98 -6.13	116.94 6.89 -14.28	116.94 7.00 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.23 7.28 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.26 7.78 -17.43	150.43 7.88 -46.40	120.98 7.67 -17.46	117.20 7.56 -13.99	105.71 4.97 -40.07	87.70 5.12 -21.66	92.89 4.68 -27.49
PATROON__I15KV_TB1 80586	99.31 3.13 -32.36	89.41 2.93 -25.50	95.87 2.86 -32.08	92.25 2.86 -28.46	93.64 2.86 -29.92	89.54 2.86 -25.82	98.87 2.73 -35.41	95.60 2.67 -32.28	97.60 4.20 -0.14	142.17 4.30 -42.21	146.60 4.12 -46.72	147.25 4.22 -47.07	157.78 4.12 -57.80	146.22 4.21 -46.25	143.46 4.31 -43.29	135.13 4.11 -35.37	143.23 3.84 -43.34	150.45 3.75 -50.66	156.82 3.56 -57.13	135.16 3.93 -35.37	117.82 4.11 -18.05	112.61 2.61 -49.34	90.26 2.68 -26.66	97.29 2.73 -33.83
PATTRSNVILLE__SOLAR 323815	101.23 3.32 -34.09	90.96 3.11 -26.86	97.83 3.11 -33.80	93.96 3.04 -29.99	95.43 3.04 -31.52	91.10 3.04 -27.20	101.01 2.97 -37.30	97.63 2.97 -34.01	98.04 4.57 -0.21	170.05 4.78 -69.61	170.52 4.79 -69.98	171.73 4.89 -70.89	187.90 4.98 -87.06	169.05 4.88 -68.41	164.68 4.79 -64.03	152.94 4.97 -52.32	162.96 5.28 -61.64	175.52 5.38 -74.10	161.71 5.38 -60.19	148.15 5.17 -47.12	120.23 4.97 -19.60	115.74 3.09 -51.98	92.17 3.17 -28.09	99.35 2.97 -35.65
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	64.09 -4.72 -4.99	60.10 -4.82 -3.93	61.06 -4.81 -4.95	60.44 -4.87 -4.39	60.37 -5.11 -4.62	59.55 -5.30 -3.98	60.00 -6.19 -5.46	59.03 -6.61 -4.98	83.64 -9.61 0.01	86.10 -9.57 -0.01	89.04 -9.48 -2.76	88.99 -9.59 -2.63	89.88 -9.20 -3.23	89.73 -9.10 -3.07	89.14 -9.59 -2.87	89.08 -8.70 -2.13	89.60 -9.32 -2.88	91.24 -8.16 -3.36	90.82 -9.13 -3.81	87.71 -8.53 -0.39	87.49 -8.42 -0.26	57.32 -6.67 -3.33	58.64 -6.40 -4.11	60.12 -5.83 -5.22
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	94.97 4.60 -26.56	86.30 4.39 -20.92	91.46 4.20 -26.33	88.55 4.26 -23.36	89.74 4.32 -24.56	86.31 4.26 -21.19	93.91 4.13 -29.06	91.45 4.31 -26.49	100.11 6.81 -0.05	109.04 7.08 -6.31	117.28 6.99 -14.53	117.28 7.10 -14.23	120.70 7.38 -17.46	118.25 7.18 -15.30	117.37 7.19 -14.32	114.61 7.27 -11.69	120.72 7.49 -17.19	121.25 7.49 -17.72	150.81 7.79 -46.89	120.83 7.28 -17.69	116.97 7.17 -14.14	105.83 4.67 -40.49	87.55 4.75 -21.88	92.81 4.31 -27.77
PEEKSKILL____ 23653	93.54 3.70 -26.01	85.02 3.54 -20.50	90.12 3.41 -25.79	87.21 3.41 -22.88	88.32 3.41 -24.05	84.96 3.35 -20.75	92.47 3.28 -28.46	90.06 3.46 -25.95	98.62 5.31 -0.05	107.36 5.64 -6.06	115.55 5.65 -14.14	115.55 5.76 -13.84	118.78 5.95 -16.98	116.50 5.84 -14.90	115.65 5.85 -13.94	112.96 5.93 -11.38	118.96 6.15 -16.76	119.54 6.24 -17.25	148.41 6.34 -45.93	119.27 6.14 -17.28	115.53 6.03 -13.85	104.27 3.94 -39.66	86.37 4.02 -21.43	91.51 3.58 -27.20

PGE MADISON___WINDPWR 24146	77.45 5.17 -8.46	72.53 4.88 -6.67	73.88 4.57 -8.39	72.69 4.33 -7.44	72.64 3.95 -7.82	71.63 4.02 -6.75	73.93 3.94 -9.26	73.03 3.94 -8.44	98.81 5.50 -0.05	105.43 5.55 -4.23	108.85 6.13 -6.95	109.16 6.33 -6.88	110.43 6.14 -8.44	109.24 6.32 -7.16	108.88 6.32 -6.70	107.28 6.21 -5.41	111.03 6.92 -8.06	111.92 7.59 -8.29	124.91 6.63 -22.15	113.43 6.42 -11.15	109.34 5.64 -8.05	82.95 3.21 -19.07	70.94 3.04 -6.97	72.67 3.10 -8.85
PIERCEFIELD___HYD 23852	63.97 -0.32 -0.47	61.11 -0.24 -0.37	61.26 -0.12 -0.46	61.03 -0.30 -0.41	60.99 -0.30 -0.43	60.99 -0.24 -0.37	61.18 -0.06 -0.51	61.12 0.00 -0.47	93.07 -0.19 0.00	95.37 -0.29 0.00	95.38 -0.38 0.00	95.28 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.57 0.00	95.18 -0.67 0.00	94.96 -0.67 0.03	94.59 -1.54 -0.08	94.25 -1.82 -0.03	95.23 -1.73 -0.83	94.88 -1.15 -0.18	95.61 -0.29 -0.24	61.38 0.00 -0.71	60.94 -0.37 -0.39	60.97 -0.24 -0.49
PINELAWN_CC_1 323563	135.48 5.75 -65.91	120.83 5.49 -54.35	113.97 5.24 -47.81	112.23 5.30 -46.01	90.39 5.23 -24.30	94.88 5.17 -28.85	94.51 5.04 -28.75	99.75 5.27 -33.82	125.45 8.11 -24.09	145.10 8.51 -40.94	152.79 8.43 -48.60	152.60 8.45 -48.21	151.92 8.63 -47.43	149.82 8.62 -45.44	148.88 8.72 -44.31	151.78 8.70 -47.43	149.96 9.03 -44.89	153.52 8.83 -48.64	170.32 8.84 -65.34	149.41 9.01 -44.55	147.31 8.90 -42.76	144.53 5.77 -78.09	118.49 5.91 -51.66	93.54 5.35 -27.47
PJM_GEN_HTP_PROXY 323702	94.19 4.09 -26.28	85.60 3.91 -20.71	90.69 3.72 -26.05	87.75 3.72 -23.12	88.87 3.71 -24.30	85.48 3.65 -20.97	93.06 3.58 -28.75	90.69 3.82 -26.21	99.18 5.88 -0.05	107.99 6.21 -6.12	116.26 6.22 -14.28	116.26 6.33 -13.98	119.62 6.61 -17.15	117.23 6.42 -15.05	116.46 6.52 -14.09	113.74 6.60 -11.49	119.89 6.92 -16.93	120.48 7.01 -17.43	149.65 7.11 -46.40	120.21 6.91 -17.45	116.34 6.69 -13.99	105.16 4.43 -40.07	87.08 4.51 -21.65	92.21 4.01 -27.48
PJM_GEN_KEystone 24065	54.61 -0.25 8.96	50.33 -0.36 10.29	48.40 -0.42 12.10	47.90 -0.42 12.60	49.06 -0.61 11.19	49.60 -0.61 10.65	51.14 -1.03 8.55	52.93 -1.09 6.64	54.22 -2.05 36.98	58.22 -2.01 35.42	59.62 -1.91 34.22	56.50 -1.83 37.62	55.60 -1.82 38.43	54.40 -1.82 39.54	53.30 -1.92 40.64	54.88 -1.91 38.86	57.40 -1.73 36.92	69.40 -1.44 25.21	69.31 -1.54 25.29	65.02 -1.72 29.11	62.90 -1.82 30.93	60.04 -1.03 -0.41	57.30 -0.73 2.89	55.90 -0.79 4.03
PJM_GEN_NEPTUNE_PROXY 323594	116.29 4.72 -47.74	104.43 4.51 -38.92	103.08 4.33 -37.83	100.82 4.39 -35.51	89.48 4.32 -24.30	90.42 4.32 -25.23	93.66 4.19 -28.75	95.41 4.43 -30.33	113.13 6.80 -13.07	127.71 7.08 -24.98	135.62 6.99 -32.87	135.57 7.10 -32.52	136.69 7.28 -33.55	134.45 7.19 -31.51	133.59 7.28 -30.45	133.97 7.37 -30.95	135.70 7.59 -32.07	138.06 7.69 -34.33	158.43 7.78 -54.51	135.55 7.57 -32.13	132.69 7.47 -29.57	126.18 4.86 -60.66	103.82 5.00 -37.90	92.69 4.49 -27.47
PJM_GEN_VFT_PROXY 323633	77.43 3.64 -9.97	76.23 3.54 -11.71	76.23 3.29 -12.02	76.23 3.41 -11.90	76.23 3.35 -12.02	76.23 3.35 -12.02	76.23 3.22 -12.29	78.28 3.46 -14.17	78.24 5.31 20.33	80.19 5.64 21.11	80.19 5.65 21.22	80.19 5.76 21.52	80.19 5.95 21.61	80.19 5.84 21.41	80.19 5.95 21.61	78.44 6.03 23.25	77.54 6.34 24.84	76.23 6.44 26.25	82.65 6.54 20.03	76.23 6.32 25.95	76.23 6.13 25.55	76.23 4.07 -11.50	76.23 4.20 -11.11	76.23 3.64 -11.86
PLATSBURG_115KV_PMLD1 355749	64.02 0.19 0.00	61.17 0.18 0.00	61.17 0.24 0.00	60.98 0.06 0.00	60.92 0.06 0.00	60.98 0.12 0.00	60.36 -0.36 0.00	60.23 -0.42 0.00	92.32 -0.93 0.00	94.51 -1.15 0.00	94.32 -1.44 0.00	94.22 -1.73 0.00	94.22 -1.63 0.00	93.94 -1.82 0.00	93.94 -1.92 0.00	94.02 -1.63 0.01	94.22 -1.82 0.00	94.32 -1.73 0.00	94.79 -1.35 0.00	94.90 -0.96 0.00	95.37 -0.29 0.00	60.48 -0.18 0.00	60.31 -0.61 0.00	60.36 -0.36 0.00
PLEASANTVLY___LBMP 24000	94.85 3.64 -27.38	86.04 3.48 -21.58	91.42 3.35 -27.15	88.36 3.35 -24.09	89.53 3.35 -25.32	86.06 3.35 -21.85	93.97 3.28 -29.97	91.37 3.40 -27.32	98.53 5.22 -0.05	107.56 5.45 -6.46	116.16 5.46 -14.94	116.15 5.57 -14.63	119.46 5.66 -17.95	117.05 5.55 -15.74	116.24 5.66 -14.73	113.41 5.74 -12.02	119.59 5.86 -17.69	120.22 5.95 -18.22	150.55 6.06 -48.35	119.92 5.85 -18.22	115.97 5.74 -14.58	106.18 3.76 -41.76	87.38 3.90 -22.56	92.82 3.46 -28.64
PLSNTVLE_13_KV_13.8KVDIST 80602	94.25 3.96 -26.47	85.63 3.78 -20.86	90.82 3.66 -26.25	87.86 3.66 -23.29	88.99 3.65 -24.48	85.57 3.59 -21.12	93.28 3.58 -28.97	90.76 3.70 -26.41	99.09 5.78 -0.05	107.84 6.03 -6.16	116.17 6.03 -14.38	116.17 6.14 -14.08	119.45 6.33 -17.27	117.14 6.22 -15.15	116.36 6.33 -14.18	113.54 6.31 -11.57	119.72 6.63 -17.05	120.22 6.63 -17.55	149.61 6.73 -46.74	120.05 6.61 -17.58	116.16 6.41 -14.09	105.21 4.19 -40.36	87.06 4.33 -21.81	92.23 3.83 -27.68
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	94.25 3.96 -26.47	85.63 3.78 -20.86	90.82 3.66 -26.25	87.86 3.66 -23.29	88.99 3.65 -24.48	85.57 3.59 -21.12	93.28 3.58 -28.97	90.76 3.70 -26.41	99.09 5.78 -0.05	107.84 6.03 -6.16	116.17 6.03 -14.38	116.17 6.14 -14.08	119.45 6.33 -17.27	117.14 6.22 -15.15	116.36 6.33 -14.18	113.54 6.31 -11.57	119.72 6.63 -17.05	120.22 6.63 -17.55	149.61 6.73 -46.74	120.05 6.61 -17.58	116.16 6.41 -14.09	105.21 4.19 -40.36	87.06 4.33 -21.81	92.23 3.83 -27.68
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	94.76 4.08 -26.85	86.11 3.96 -21.16	91.39 3.84 -26.63	88.38 3.84 -23.62	89.53 3.83 -24.83	86.12 3.83 -21.43	93.88 3.77 -29.39	91.33 3.88 -26.79	99.37 6.06 -0.05	108.84 6.31 -6.87	117.09 6.22 -15.11	117.00 6.24 -14.82	120.45 6.42 -18.18	117.95 6.32 -15.87	117.13 6.42 -14.85	114.28 6.50 -12.12	120.37 6.63 -17.70	121.09 6.72 -18.33	150.38 6.83 -47.42	120.45 6.52 -18.08	116.47 6.50 -14.31	105.80 4.19 -40.95	87.37 4.33 -22.12	92.69 3.89 -28.08
POLETTI___ 23519	94.13 4.02 -26.28	85.66 3.96 -20.71	90.69 3.72 -26.06	87.76 3.72 -23.12	88.88 3.71 -24.30	85.48 3.65 -20.97	93.01 3.52 -28.76	90.69 3.82 -26.22	99.08 5.78 -0.05	107.81 6.03 -6.12	116.08 6.03 -14.28	116.17 6.24 -13.98	119.43 6.42 -17.16	117.13 6.32 -15.05	116.36 6.42 -14.09	113.65 6.50 -11.49	119.80 6.82 -16.93	120.30 6.82 -17.43	149.46 6.92 -46.40	120.02 6.71 -17.46	116.25 6.60 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48
POMONA___ESR 323819	92.75 3.57 -25.35	84.38 3.41 -19.98	89.34 3.29 -25.13	86.51 3.29 -22.30	87.59 3.28 -23.44	84.31 3.22 -20.23	91.68 3.22 -27.74	89.28 3.33 -25.29	98.43 5.13 -0.05	106.99 5.45 -5.89	114.98 5.46 -13.77	114.89 5.47 -13.48	118.14 5.75 -16.53	115.91 5.65 -14.51	115.09 5.65 -13.58	112.47 5.74 -11.08	118.33 5.96 -16.32	118.90 6.05 -16.80	147.06 6.16 -44.76	118.63 5.95 -16.83	114.99 5.84 -13.50	103.14 3.82 -38.65	85.71 3.90 -20.89	90.69 3.46 -26.51
PORT_JEFF_3 23555	135.99 6.26 -65.91	121.25 5.91 -54.35	114.39 5.67 -47.81	112.65 5.72 -46.01	90.82 5.66 -24.30	95.37 5.66 -28.85	94.82 5.35 -28.75	100.11 5.64 -33.82	126.11 8.76 -24.09	145.68 9.09 -40.94	153.27 8.91 -48.60	153.32 9.12 -48.25	152.40 9.11 -47.43	150.39 9.19 -45.44	149.36 9.20 -44.31	152.50 9.38 -47.47	150.67 9.70 -44.93	154.41 9.60 -48.76	259.15 9.52 -153.49	150.03 9.58 -44.59	147.79 9.38 -42.76	144.88 6.12 -78.09	118.85 6.28 -51.66	93.91 5.71 -27.47

PORT_JEFF_4 23616	135.99 6.26 -65.91	121.25 5.91 -54.35	114.39 5.67 -47.81	112.65 5.72 -46.01	90.82 5.66 -24.30	95.37 5.66 -28.85	94.82 5.35 -28.75	100.11 5.64 -33.82	126.11 8.76 -24.09	145.68 9.09 -40.94	153.27 8.91 -48.60	153.32 9.12 -48.25	152.40 9.11 -47.43	150.39 9.19 -45.44	149.36 9.20 -44.31	152.50 9.38 -47.47	150.67 9.70 -44.93	154.41 9.60 -48.76	259.15 9.52 -153.49	150.03 9.58 -44.59	147.79 9.38 -42.76	144.88 6.12 -78.09	118.85 6.28 -51.66	93.91 5.71 -27.47
PORT_JEFF_IC 23713	136.05 6.32 -65.91	121.31 5.98 -54.35	114.45 5.73 -47.81	112.72 5.79 -46.01	90.82 5.66 -24.30	95.37 5.66 -28.85	94.88 5.40 -28.75	100.11 5.64 -33.82	126.30 8.95 -24.09	145.77 9.18 -40.94	153.36 9.00 -48.60	153.41 9.21 -48.25	152.49 9.20 -47.43	150.39 9.19 -45.43	149.55 9.39 -44.31	152.59 9.47 -47.47	150.78 9.80 -44.93	154.51 9.70 -48.77	263.58 9.71 -157.73	150.22 9.78 -44.59	147.98 9.57 -42.76	144.95 6.19 -78.09	118.91 6.34 -51.66	93.97 5.77 -27.47
PPL_PILGRIM_ST_GT1 24216	136.49 6.76 -65.91	121.74 6.40 -54.35	114.95 6.22 -47.81	113.20 6.28 -46.01	91.30 6.14 -24.30	95.85 6.14 -28.85	95.43 5.95 -28.75	100.66 6.19 -33.82	126.95 9.61 -24.09	146.63 10.04 -40.94	154.23 9.87 -48.60	153.75 9.59 -48.21	153.35 10.06 -47.43	151.15 9.96 -45.44	150.22 10.06 -44.31	153.03 9.95 -47.43	151.12 10.18 -44.90	153.43 8.74 -48.65	175.15 8.55 -70.45	150.56 10.16 -44.55	148.65 10.24 -42.76	145.37 6.61 -78.09	119.34 6.76 -51.66	94.40 6.20 -27.47
PPL_PILGRIM_ST_GT2 24217	136.49 6.76 -65.91	121.74 6.40 -54.35	114.95 6.22 -47.81	113.20 6.28 -46.01	91.30 6.14 -24.30	95.85 6.14 -28.85	95.43 5.95 -28.75	100.66 6.19 -33.82	126.95 9.61 -24.09	146.63 10.04 -40.94	154.23 9.87 -48.60	153.75 9.59 -48.21	153.35 10.06 -47.43	151.15 9.96 -45.44	150.22 10.06 -44.31	153.03 9.95 -47.43	151.12 10.18 -44.90	153.43 8.74 -48.65	175.15 8.55 -70.45	150.56 10.16 -44.55	148.65 10.24 -42.76	145.37 6.61 -78.09	119.34 6.76 -51.66	94.40 6.20 -27.47
PPL_SHRM_GT3 24213	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.27 8.91 -48.60	153.50 9.30 -48.25	152.40 9.11 -47.43	150.58 9.39 -45.44	149.56 9.40 -44.31	152.78 9.66 -47.47	150.87 9.89 -44.93	154.79 9.99 -48.76	257.95 9.81 -152.00	150.32 9.88 -44.59	147.97 9.56 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.97 5.77 -27.47
PPL_SHRM_GT4 24214	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.27 8.91 -48.60	153.50 9.30 -48.25	152.40 9.11 -47.43	150.58 9.39 -45.44	149.56 9.40 -44.31	152.78 9.66 -47.47	150.87 9.89 -44.93	154.79 9.99 -48.76	257.95 9.81 -152.00	150.32 9.88 -44.59	147.97 9.56 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.97 5.77 -27.47
PROJECT___ORANGE 1 24174	65.72 -1.02 -2.92	62.19 -1.10 -2.30	62.60 -1.22 -2.89	62.33 -1.16 -2.57	62.28 -1.28 -2.70	61.91 -1.28 -2.33	62.52 -1.40 -3.19	62.17 -1.40 -2.91	90.46 -2.80 0.00	92.88 -2.77 0.00	93.17 -2.59 0.00	93.65 -2.30 0.00	93.27 -2.59 0.00	93.08 -2.68 0.00	93.17 -2.68 0.00	92.51 -2.97 0.18	93.88 -2.69 -0.52	93.53 -2.69 -0.18	98.69 -2.60 -5.15	94.18 -2.78 -1.10	94.19 -2.97 -1.50	63.54 -1.58 -4.45	61.92 -1.40 -2.40	62.44 -1.34 -3.05
PROJECT___ORANGE 2 24166	65.72 -1.02 -2.92	62.19 -1.10 -2.30	62.60 -1.22 -2.89	62.33 -1.16 -2.57	62.28 -1.28 -2.70	61.91 -1.28 -2.33	62.52 -1.40 -3.19	62.17 -1.40 -2.91	90.46 -2.80 0.00	92.88 -2.77 0.00	93.17 -2.59 0.00	93.65 -2.30 0.00	93.27 -2.59 0.00	93.08 -2.68 0.00	93.17 -2.68 0.00	92.51 -2.97 0.18	93.88 -2.69 -0.52	93.53 -2.69 -0.18	98.69 -2.60 -5.15	94.18 -2.78 -1.10	94.19 -2.97 -1.50	63.54 -1.58 -4.45	61.92 -1.40 -2.40	62.44 -1.34 -3.05
PUCKETT___SOLAR 323809	74.03 1.21 -9.00	69.18 1.10 -7.09	70.76 0.92 -8.92	69.75 0.92 -7.92	69.92 0.73 -8.32	68.77 0.73 -7.18	71.12 0.55 -9.85	70.18 0.54 -8.98	93.65 0.37 -0.02	99.70 0.48 -3.57	102.86 0.68 -6.43	103.15 0.86 -6.34	104.31 0.68 -7.78	103.19 0.76 -6.67	102.77 0.68 -6.24	101.31 0.67 -4.98	104.03 0.96 -7.03	104.85 1.25 -7.56	113.09 1.06 -15.89	103.55 0.96 -6.73	101.25 0.76 -4.84	74.75 0.37 -13.72	68.77 0.43 -7.41	70.62 0.48 -9.41
PYRITES___HYD 24023	64.83 0.57 -0.44	61.94 0.61 -0.34	62.02 0.67 -0.43	61.85 0.55 -0.38	61.81 0.55 -0.40	61.82 0.61 -0.35	61.99 0.79 -0.48	61.94 0.85 -0.43	94.47 1.21 0.00	96.80 1.15 0.00	96.81 1.05 0.00	96.62 0.67 0.00	96.53 0.67 0.00	96.53 0.77 0.00	96.62 0.77 0.00	96.58 0.96 0.03	96.31 0.19 -0.08	96.17 0.10 -0.03	96.91 0.00 -0.77	96.69 0.67 -0.16	97.12 1.24 -0.22	62.18 0.85 -0.66	61.71 0.43 -0.36	61.79 0.61 -0.45
QUAKERRD_115KV_BK1 80622	64.70 -2.81 -3.68	61.03 -2.87 -2.90	61.59 -2.99 -3.65	61.12 -3.05 -3.24	61.10 -3.16 -3.41	60.70 -3.10 -2.94	61.11 -3.64 -4.03	60.57 -3.76 -3.68	85.61 -7.65 0.00	88.01 -7.65 -0.01	90.08 -7.66 -1.99	90.55 -7.29 -1.89	90.32 -7.86 -2.32	89.92 -8.04 -2.20	89.87 -8.05 -2.06	88.14 -8.99 -1.48	90.08 -8.16 -2.20	90.25 -8.26 -2.46	92.32 -7.88 -4.06	88.14 -8.72 -1.01	87.64 -8.80 -0.79	59.88 -4.31 -3.52	60.42 -3.53 -3.04	61.24 -3.34 -3.85
QUEENSBRY_115KV_TB8 356137	102.48 5.49 -33.17	92.19 5.06 -26.14	98.80 5.00 -32.89	95.04 4.93 -29.18	96.40 4.87 -30.67	92.26 4.93 -26.46	101.82 4.80 -36.30	98.66 4.91 -33.09	101.39 7.93 -0.20	169.17 8.23 -65.28	170.61 8.43 -66.42	171.64 8.44 -67.24	186.87 8.44 -82.58	168.94 8.14 -65.04	164.69 7.96 -60.88	153.53 8.13 -49.74	163.24 8.45 -58.74	175.09 8.55 -70.50	163.07 8.36 -58.56	149.00 8.05 -45.09	122.53 7.84 -19.03	116.16 4.91 -50.58	93.24 5.00 -27.33	100.21 4.80 -34.69
RAMAPO___LBMP 323565	92.41 3.32 -25.27	84.13 3.23 -19.91	89.02 3.05 -25.05	86.20 3.05 -22.23	87.27 3.04 -23.37	84.07 3.04 -20.16	91.35 2.98 -27.65	89.02 3.15 -25.21	98.15 4.85 -0.05	106.59 5.07 -5.86	114.55 5.08 -13.72	114.56 5.18 -13.43	117.70 5.37 -16.47	115.48 5.27 -14.46	114.66 5.27 -13.53	112.05 5.36 -11.04	117.88 5.57 -16.27	118.46 5.67 -16.75	146.52 5.77 -44.62	118.19 5.56 -16.78	114.56 5.45 -13.45	102.78 3.58 -38.53	85.40 3.66 -20.82	90.37 3.22 -26.42
RANKINE____ 23646	64.95 -3.77 -4.90	60.94 -3.90 -3.86	61.88 -3.90 -4.85	61.27 -3.96 -4.31	61.13 -4.26 -4.53	60.39 -4.38 -3.91	60.68 -5.40 -5.36	59.72 -5.82 -4.88	82.99 -10.26 0.01	85.43 -10.24 -0.01	88.22 -10.25 -2.70	88.55 -9.98 -2.58	88.57 -10.45 -3.16	88.42 -10.34 -3.00	88.02 -10.64 -2.81	86.74 -11.00 -2.08	88.01 -10.85 -2.82	88.87 -10.47 -3.29	89.12 -10.77 -3.75	85.22 -11.02 -0.39	85.01 -10.90 -0.26	57.45 -6.49 -3.28	59.29 -5.67 -4.03	60.87 -4.98 -5.12
RAVENSWOOD_GT2_1 24244	94.25 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48

RAVENSWOOD_GT2_2 24245	94.25 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48
RAVENSWOOD_GT2_3 24246	94.32 4.21 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.85 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.53 6.89 -13.99	105.29 4.55 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48
RAVENSWOOD_GT2_4 24247	94.32 4.21 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.88 3.84 -23.12	88.94 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.85 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.53 6.89 -13.99	105.29 4.55 -40.07	87.20 4.63 -21.65	92.34 4.13 -27.48
RAVENSWOOD_GT3_1 24248	94.25 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.94 3.77 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48
RAVENSWOOD_GT3_2 24249	94.25 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.94 3.77 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.84 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48
RAVENSWOOD_GT3_3 24250	94.32 4.21 -26.28	85.78 4.09 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	89.00 3.83 -24.30	85.60 3.77 -20.97	93.25 3.77 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.13	116.46 6.42 -14.28	116.46 6.52 -13.99	119.82 6.81 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.09 7.11 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.40 7.09 -17.46	116.63 6.98 -13.99	105.29 4.55 -40.07	87.27 4.69 -21.65	92.40 4.19 -27.48
RAVENSWOOD_GT3_4 24251	94.32 4.21 -26.28	85.78 4.09 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	89.00 3.83 -24.30	85.60 3.77 -20.97	93.25 3.77 -28.76	90.82 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.13	116.46 6.42 -14.28	116.46 6.52 -13.99	119.82 6.81 -17.16	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.09 7.11 -16.93	120.68 7.20 -17.43	149.85 7.31 -46.40	120.40 7.09 -17.46	116.63 6.98 -13.99	105.29 4.55 -40.07	87.27 4.69 -21.65	92.40 4.19 -27.48
RAVENSWOOD_GT_1 23729	95.47 4.53 -27.12	87.97 4.33 -22.65	92.27 4.08 -27.26	88.07 4.02 -23.13	89.07 3.90 -24.31	85.73 3.90 -20.98	94.29 3.95 -29.61	92.26 4.19 -27.42	100.24 6.53 -0.45	108.48 6.70 -6.13	116.65 6.61 -14.28	116.75 6.81 -13.99	120.10 7.09 -17.16	117.71 6.89 -15.05	116.94 7.00 -14.09	114.23 7.08 -11.49	120.37 7.40 -16.93	121.07 7.59 -17.43	150.14 7.60 -46.40	120.79 7.48 -17.46	116.92 7.27 -13.99	105.54 4.79 -40.08	90.17 4.93 -24.31	93.90 4.43 -28.74
RAVENSWOOD_GT_10 24258	94.26 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.85 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.26 4.63 -21.71	92.28 4.07 -27.48
RAVENSWOOD_GT_11 24259	94.26 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.85 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.26 4.63 -21.71	92.28 4.07 -27.48
RAVENSWOOD_GT_4 24252	94.81 4.08 -26.90	87.11 3.96 -22.16	91.60 3.72 -26.96	87.83 3.78 -23.13	88.88 3.71 -24.31	85.55 3.71 -20.97	93.71 3.58 -29.40	91.59 3.82 -27.11	99.58 5.97 -0.35	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.62 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.75 6.60 -11.49	119.89 6.92 -16.93	120.49 7.01 -17.43	149.66 7.11 -46.40	120.21 6.90 -17.46	116.34 6.70 -13.99	105.17 4.43 -40.08	89.13 4.57 -23.63	93.15 4.01 -28.42
RAVENSWOOD_GT_5 24254	94.81 4.08 -26.90	87.11 3.96 -22.16	91.60 3.72 -26.96	87.83 3.78 -23.13	88.88 3.71 -24.31	85.55 3.71 -20.97	93.71 3.58 -29.40	91.59 3.82 -27.11	99.58 5.97 -0.35	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.62 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.75 6.60 -11.49	119.89 6.92 -16.93	120.49 7.01 -17.43	149.66 7.11 -46.40	120.21 6.90 -17.46	116.34 6.70 -13.99	105.17 4.43 -40.08	89.13 4.57 -23.63	93.15 4.01 -28.42
RAVENSWOOD_GT_6 24253	94.81 4.08 -26.90	87.11 3.96 -22.16	91.60 3.72 -26.96	87.83 3.78 -23.13	88.88 3.71 -24.31	85.55 3.71 -20.97	93.71 3.58 -29.40	91.59 3.82 -27.11	99.58 5.97 -0.35	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.62 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.75 6.60 -11.49	119.89 6.92 -16.93	120.49 7.01 -17.43	149.66 7.11 -46.40	120.21 6.90 -17.46	116.34 6.70 -13.99	105.17 4.43 -40.08	89.13 4.57 -23.63	93.15 4.01 -28.42
RAVENSWOOD_GT_7 24255	94.81 4.08 -26.90	87.11 3.96 -22.16	91.60 3.72 -26.96	87.83 3.78 -23.13	88.88 3.71 -24.31	85.55 3.71 -20.97	93.71 3.58 -29.40	91.59 3.82 -27.11	99.58 5.97 -0.35	108.00 6.22 -6.13	116.27 6.22 -14.28	116.27 6.33 -13.99	119.62 6.61 -17.16	117.23 6.42 -15.05	116.46 6.52 -14.09	113.75 6.60 -11.49	119.89 6.92 -16.93	120.49 7.01 -17.43	149.66 7.11 -46.40	120.21 6.90 -17.46	116.34 6.70 -13.99	105.17 4.43 -40.08	89.13 4.57 -23.63	93.15 4.01 -28.42
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	94.26 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.85 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.26 4.63 -21.71	92.28 4.07 -27.48

RAVENSWOOD_GT_9 24257	94.26 4.15 -26.28	85.72 4.03 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.88 3.71 -24.30	85.54 3.71 -20.97	93.13 3.64 -28.76	90.76 3.88 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.32 6.51 -15.05	116.56 6.61 -14.09	113.85 6.70 -11.49	119.99 7.01 -16.93	120.59 7.11 -17.43	149.75 7.21 -46.40	120.31 7.00 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.26 4.63 -21.71	92.28 4.07 -27.48
RAVENSWOOD___1 23533	94.58 4.47 -26.29	86.04 4.33 -20.72	91.06 4.08 -26.06	88.06 4.02 -23.12	89.06 3.90 -24.30	85.73 3.90 -20.97	93.43 3.94 -28.76	91.06 4.18 -26.22	99.83 6.53 -0.05	108.38 6.60 -6.13	116.65 6.60 -14.28	116.65 6.71 -13.99	120.00 6.99 -17.16	117.71 6.90 -15.05	116.94 6.99 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	120.97 7.50 -17.43	150.14 7.59 -46.40	120.69 7.38 -17.46	116.91 7.27 -13.99	105.53 4.79 -40.07	88.06 4.93 -22.20	92.59 4.37 -27.49
RAVENSWOOD___2 23534	94.58 4.47 -26.29	86.04 4.33 -20.72	91.06 4.08 -26.06	88.06 4.02 -23.12	89.06 3.90 -24.30	85.73 3.90 -20.97	93.43 3.94 -28.76	91.06 4.18 -26.22	99.83 6.53 -0.05	108.38 6.60 -6.13	116.65 6.60 -14.28	116.65 6.71 -13.99	120.00 6.99 -17.16	117.61 6.80 -15.05	116.94 6.99 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	120.97 7.50 -17.43	150.14 7.59 -46.40	120.69 7.38 -17.46	116.91 7.27 -13.99	105.53 4.79 -40.07	88.06 4.93 -22.20	92.59 4.37 -27.49
RAVENSWOOD___3 23535	94.25 4.15 -26.28	85.72 4.02 -20.71	90.76 3.78 -26.06	87.82 3.78 -23.12	88.94 3.77 -24.30	85.54 3.71 -20.97	93.19 3.70 -28.76	90.76 3.89 -26.22	99.36 6.06 -0.05	108.09 6.31 -6.13	116.36 6.32 -14.28	116.36 6.43 -13.99	119.72 6.71 -17.16	117.33 6.51 -15.05	116.55 6.61 -14.09	113.84 6.69 -11.49	119.99 7.01 -16.93	120.58 7.11 -17.43	149.76 7.21 -46.40	120.30 6.99 -17.46	116.44 6.79 -13.99	105.23 4.49 -40.07	87.20 4.63 -21.65	92.28 4.07 -27.48
RAVENSWOOD___4 23820	93.77 4.47 -25.48	84.13 4.33 -18.81	89.88 4.08 -24.87	88.05 4.02 -23.11	89.06 3.90 -24.30	85.72 3.90 -20.96	92.59 3.94 -27.92	89.88 4.18 -25.04	99.33 6.43 0.35	108.38 6.60 -6.13	116.65 6.60 -14.28	116.65 6.71 -13.99	120.00 6.99 -17.16	117.61 6.80 -15.05	116.85 6.91 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	120.97 7.50 -17.43	150.14 7.59 -46.40	120.69 7.38 -17.46	116.91 7.27 -13.99	105.52 4.79 -40.07	85.99 4.93 -20.13	91.37 4.37 -26.26
RCPI_TRUST___DRP 24196	94.25 4.15 -26.28	85.72 4.03 -20.71	90.75 3.78 -26.05	87.82 3.78 -23.12	88.93 3.77 -24.30	85.60 3.77 -20.97	93.19 3.70 -28.75	90.75 3.88 -26.21	99.46 6.15 -0.05	108.19 6.41 -6.12	116.46 6.42 -14.28	116.46 6.52 -13.98	119.81 6.81 -17.15	117.42 6.61 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	120.08 7.11 -16.93	120.68 7.20 -17.43	149.74 7.21 -46.40	120.40 7.09 -17.45	116.53 6.89 -13.99	105.22 4.49 -40.07	87.14 4.57 -21.65	92.27 4.07 -27.48
RED___ROCHESTER 323720	66.33 -1.28 -3.78	62.45 -1.52 -2.98	63.03 -1.64 -3.75	62.54 -1.71 -3.33	62.54 -1.82 -3.50	62.06 -1.82 -3.02	62.43 -2.43 -4.14	61.76 -2.67 -3.77	87.38 -5.87 0.00	89.64 -6.02 -0.01	91.77 -6.03 -2.04	92.24 -5.66 -1.95	91.91 -6.33 -2.39	91.23 -6.80 -2.27	91.45 -6.52 -2.12	89.72 -7.46 -1.53	92.05 -6.24 -2.24	91.75 -6.82 -2.52	94.13 -5.96 -3.96	89.58 -7.19 -0.91	89.18 -7.18 -0.70	60.95 -3.16 -3.44	61.79 -2.25 -3.12	62.68 -2.00 -3.96
REGAN___SOLAR 323812	105.04 5.68 -35.54	94.23 5.25 -28.00	101.33 5.18 -35.23	97.30 5.12 -31.26	98.77 5.05 -32.86	94.33 5.11 -28.35	104.59 4.98 -38.89	101.14 5.03 -35.45	101.29 7.83 -0.20	168.76 8.04 -65.07	169.70 8.24 -65.70	170.94 8.45 -66.54	186.01 8.44 -81.72	168.26 8.24 -64.27	164.25 8.24 -60.16	153.31 8.51 -49.15	163.71 9.13 -58.54	175.29 9.42 -69.83	168.11 9.23 -62.74	150.37 8.92 -45.60	124.49 8.61 -20.22	120.07 5.22 -54.18	95.50 5.30 -29.28	102.87 4.98 -37.16
RENSSELAER___COGEN 23796	98.65 2.81 -32.02	88.84 2.62 -25.23	95.29 2.62 -31.75	91.71 2.62 -28.17	93.03 2.56 -29.61	89.03 2.62 -25.55	98.26 2.49 -35.04	94.96 2.36 -31.95	97.11 3.73 -0.12	132.81 3.73 -33.43	138.53 3.55 -39.23	138.91 3.55 -39.40	147.78 3.55 -48.38	138.50 3.64 -39.10	136.19 3.73 -36.60	129.09 3.54 -29.90	136.79 3.27 -37.48	142.32 3.16 -43.11	155.76 3.08 -56.54	130.88 3.35 -31.67	116.86 3.54 -17.67	111.74 2.25 -48.83	89.68 2.37 -26.38	96.64 2.43 -33.49
REPUBLIC_115KV_BARTNBRK 55605	103.93 6.96 -33.15	93.45 6.34 -26.12	100.12 6.34 -32.86	96.30 6.21 -29.16	97.72 6.21 -30.65	93.58 6.27 -26.45	103.13 6.13 -36.27	100.03 6.31 -33.07	103.72 10.26 -0.20	171.19 10.62 -64.92	172.69 10.82 -66.11	173.81 10.94 -66.92	188.97 10.93 -82.19	171.04 10.53 -64.75	166.71 10.26 -60.60	155.69 10.52 -49.52	165.78 11.24 -58.50	177.76 11.53 -70.19	165.82 11.15 -58.53	151.43 10.64 -44.93	124.90 10.24 -19.01	117.40 6.19 -50.54	94.51 6.27 -27.31	101.34 5.95 -34.66
REVERE_CPFR_DRP 24186	67.98 2.62 -1.54	64.70 2.50 -1.21	64.82 2.38 -1.52	64.59 2.32 -1.35	64.47 2.19 -1.42	64.34 2.25 -1.23	64.78 2.37 -1.68	64.62 2.43 -1.53	96.61 3.36 0.00	99.10 3.44 0.00	99.59 3.83 0.00	99.60 3.65 0.00	99.40 3.55 0.00	99.40 3.64 0.00	99.40 3.55 0.00	99.11 3.54 0.08	99.87 3.55 -0.28	99.88 3.75 -0.09	102.51 3.65 -2.71	100.17 3.74 -0.58	99.80 3.35 -0.79	65.13 2.12 -2.34	64.26 2.07 -1.27	64.46 2.13 -1.61
REYNOLDS_115KV_TB3 80639	99.10 3.19 -32.09	89.26 2.99 -25.28	95.72 2.99 -31.81	92.13 2.99 -28.23	93.46 2.92 -29.67	89.38 2.92 -25.60	98.69 2.85 -35.11	95.45 2.79 -32.01	97.68 4.29 -0.13	137.76 4.40 -37.70	142.92 4.31 -42.85	143.39 4.32 -43.12	153.21 4.41 -52.94	142.72 4.40 -42.56	140.19 4.51 -39.83	132.50 4.30 -32.54	140.57 4.23 -40.30	146.93 4.13 -46.75	156.93 4.13 -56.65	133.49 4.22 -33.42	117.86 4.40 -17.80	112.38 2.79 -48.93	90.22 2.86 -26.43	97.13 2.85 -33.55
RIVERBAY____ 323610	94.84 4.72 -26.29	86.28 4.57 -20.72	91.31 4.33 -26.06	88.25 4.20 -23.12	89.24 4.08 -24.30	85.85 4.02 -20.97	93.55 4.07 -28.76	91.18 4.31 -26.22	100.11 6.81 -0.05	108.76 6.98 -6.13	116.94 6.89 -14.28	116.94 7.00 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.23 7.28 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.26 7.78 -17.43	150.43 7.88 -46.40	120.98 7.67 -17.46	117.20 7.56 -13.99	105.71 4.97 -40.07	87.70 5.12 -21.66	92.89 4.68 -27.49
RIVERSIDE_115KV_TB3 55908	99.05 3.06 -32.16	89.20 2.87 -25.34	95.67 2.86 -31.89	92.08 2.86 -28.29	93.40 2.80 -29.74	89.32 2.80 -25.66	98.65 2.73 -35.19	95.41 2.67 -32.08	97.49 4.10 -0.13	138.03 4.21 -38.17	143.14 4.12 -43.27	143.61 4.13 -43.54	153.43 4.12 -53.46	142.83 4.12 -42.95	140.27 4.22 -40.20	132.52 4.02 -32.84	140.52 3.84 -40.63	146.96 3.75 -47.17	156.57 3.65 -56.78	133.43 3.93 -33.65	117.62 4.11 -17.85	112.31 2.61 -49.04	90.10 2.68 -26.50	97.09 2.73 -33.63
ROARING___BROOK_WT_PWR 323790	62.74 -1.09 0.00	60.01 -0.98 0.00	59.95 -0.98 0.00	59.89 -1.04 0.00	59.83 -1.04 0.00	59.83 -1.04 0.00	59.69 -1.03 0.00	59.62 -1.03 0.00	91.67 -1.59 0.00	93.94 -1.72 0.00	93.94 -1.82 0.00	93.93 -2.02 0.00	94.03 -1.82 0.00	94.13 -1.63 0.00	94.22 -1.63 0.00	94.21 -1.43 0.01	94.50 -1.54 0.00	94.61 -1.44 0.00	94.60 -1.54 0.00	94.32 -1.54 0.00	94.22 -1.43 0.00	59.63 -1.03 0.00	59.64 -1.28 0.00	59.45 -1.28 0.00

ROCHESRG_115KV_T4 355643	65.61 -1.98 -3.76	61.82 -2.13 -2.96	62.40 -2.25 -3.73	61.98 -2.25 -3.31	61.91 -2.43 -3.48	61.43 -2.43 -3.00	61.80 -3.04 -4.12	61.13 -3.28 -3.75	86.07 -7.18 0.00	88.49 -7.17 -0.01	90.70 -7.09 -2.03	91.17 -6.72 -1.93	90.75 -7.48 -2.37	90.45 -7.56 -2.25	90.39 -7.57 -2.11	88.46 -8.70 -1.51	90.49 -7.78 -2.23	90.58 -7.97 -2.51	92.60 -7.50 -3.96	88.34 -8.44 -0.92	87.95 -8.42 -0.71	60.16 -3.94 -3.44	61.04 -2.99 -3.10	61.99 -2.67 -3.93
ROCHESTER_9_IC 23652	66.01 -1.60 -3.78	62.14 -1.83 -2.98	62.72 -1.95 -3.75	62.30 -1.95 -3.33	62.23 -2.13 -3.50	61.75 -2.13 -3.02	62.13 -2.73 -4.14	61.52 -2.91 -3.77	86.63 -6.62 0.00	89.06 -6.60 -0.01	91.19 -6.61 -2.04	91.76 -6.14 -1.95	91.34 -6.90 -2.39	90.94 -7.09 -2.27	90.88 -7.09 -2.12	89.05 -8.13 -1.52	91.18 -7.11 -2.24	91.27 -7.30 -2.52	93.27 -6.83 -3.96	89.00 -7.76 -0.91	88.52 -7.84 -0.70	60.58 -3.52 -3.44	61.42 -2.62 -3.12	62.37 -2.31 -3.96
ROCKVIEW_13_KV_LD 356306	94.25 4.15 -26.28	85.72 4.03 -20.71	90.82 3.84 -26.06	87.88 3.84 -23.12	89.00 3.83 -24.30	85.66 3.83 -20.97	93.25 3.77 -28.76	90.81 3.94 -26.22	99.46 6.15 -0.05	108.19 6.41 -6.12	116.46 6.42 -14.28	116.55 6.62 -13.98	119.82 6.81 -17.16	117.51 6.70 -15.05	116.65 6.71 -14.09	113.94 6.79 -11.49	119.99 7.01 -16.93	120.58 7.11 -17.43	149.75 7.21 -46.40	120.40 7.09 -17.46	116.53 6.89 -13.99	105.23 4.49 -40.07	87.14 4.57 -21.65	92.28 4.07 -27.48
ROME____115KV_TB2 80656	67.98 2.62 -1.54	64.70 2.50 -1.21	64.82 2.38 -1.52	64.59 2.32 -1.35	64.47 2.19 -1.42	64.34 2.25 -1.23	64.78 2.37 -1.68	64.62 2.43 -1.53	96.61 3.36 0.00	99.10 3.44 0.00	99.59 3.83 0.00	99.60 3.65 0.00	99.40 3.55 0.00	99.40 3.64 0.00	99.40 3.55 0.00	99.11 3.54 0.08	99.87 3.55 -0.28	99.88 3.75 -0.09	102.51 3.65 -2.71	100.17 3.74 -0.58	99.80 3.35 -0.79	65.13 2.12 -2.34	64.26 2.07 -1.27	64.46 2.13 -1.61
ROSETON___1 23587	93.53 3.44 -26.27	84.98 3.29 -20.70	90.13 3.17 -26.04	87.26 3.23 -23.11	88.31 3.16 -24.29	84.98 3.16 -20.96	92.56 3.10 -28.74	90.07 3.21 -26.20	98.24 4.94 -0.05	106.76 5.16 -5.95	115.06 5.17 -14.13	115.05 5.27 -13.83	118.18 5.36 -16.96	115.93 5.26 -14.90	115.17 5.36 -13.95	112.48 5.45 -11.38	118.52 5.67 -16.81	118.99 5.67 -17.28	148.28 5.77 -46.38	118.79 5.56 -17.38	115.08 5.45 -13.98	104.30 3.58 -40.05	86.28 3.72 -21.64	91.47 3.28 -27.47
ROSETON___2 23588	93.53 3.44 -26.27	84.98 3.29 -20.70	90.13 3.17 -26.04	87.26 3.23 -23.11	88.31 3.16 -24.29	84.98 3.16 -20.96	92.56 3.10 -28.74	90.07 3.21 -26.20	98.24 4.94 -0.05	106.76 5.16 -5.95	115.06 5.17 -14.13	115.05 5.27 -13.83	118.18 5.36 -16.96	115.93 5.26 -14.90	115.17 5.36 -13.95	112.48 5.45 -11.38	118.52 5.67 -16.81	118.99 5.67 -17.28	148.28 5.77 -46.38	118.79 5.56 -17.38	115.08 5.45 -13.98	104.30 3.58 -40.05	86.28 3.72 -21.64	91.47 3.28 -27.47
ROTRDAM_115KV_TB3 80664	100.10 2.74 -33.54	89.98 2.56 -26.43	96.73 2.56 -33.25	92.98 2.56 -29.50	94.43 2.56 -31.01	90.18 2.56 -26.76	99.91 2.49 -36.70	96.60 2.49 -33.45	97.30 3.82 -0.22	171.03 4.02 -71.35	171.40 4.02 -71.61	172.63 4.13 -72.56	189.08 4.12 -89.11	169.78 4.02 -70.00	165.40 4.03 -65.52	153.30 4.11 -53.53	163.10 4.23 -62.83	176.11 4.32 -75.74	159.68 4.33 -59.21	147.69 4.12 -47.71	119.13 4.11 -19.36	114.41 2.61 -51.14	91.23 2.68 -27.63	98.28 2.49 -35.07
RUSSELL___1 23602	66.33 -1.28 -3.78	62.44 -1.52 -2.98	63.03 -1.64 -3.75	62.54 -1.71 -3.33	62.53 -1.83 -3.50	62.05 -1.83 -3.02	62.44 -2.43 -4.14	61.76 -2.67 -3.77	87.10 -6.15 0.00	89.54 -6.12 -0.01	91.77 -6.03 -2.04	92.24 -5.66 -1.95	91.92 -6.33 -2.39	91.52 -6.51 -2.27	91.46 -6.52 -2.12	89.62 -7.56 -1.53	91.76 -6.53 -2.24	91.85 -6.72 -2.52	93.94 -6.15 -3.96	89.67 -7.09 -0.91	89.09 -7.27 -0.70	60.95 -3.15 -3.44	61.78 -2.25 -3.12	62.68 -2.00 -3.96
RUSSELL___2 23532	66.33 -1.28 -3.78	62.44 -1.52 -2.98	63.03 -1.64 -3.75	62.54 -1.71 -3.33	62.53 -1.83 -3.50	62.05 -1.83 -3.02	62.44 -2.43 -4.14	61.76 -2.67 -3.77	87.10 -6.15 0.00	89.54 -6.12 -0.01	91.77 -6.03 -2.04	92.24 -5.66 -1.95	91.92 -6.33 -2.39	91.52 -6.51 -2.27	91.46 -6.52 -2.12	89.62 -7.56 -1.53	91.76 -6.53 -2.24	91.85 -6.72 -2.52	93.94 -6.15 -3.96	89.67 -7.09 -0.91	89.09 -7.27 -0.70	60.95 -3.15 -3.44	61.78 -2.25 -3.12	62.68 -2.00 -3.96
RUSSELL___3 23549	66.33 -1.28 -3.78	62.44 -1.52 -2.98	63.03 -1.64 -3.75	62.54 -1.71 -3.33	62.53 -1.83 -3.50	62.05 -1.83 -3.02	62.44 -2.43 -4.14	61.76 -2.67 -3.77	87.10 -6.15 0.00	89.54 -6.12 -0.01	91.77 -6.03 -2.04	92.24 -5.66 -1.95	91.92 -6.33 -2.39	91.52 -6.51 -2.27	91.46 -6.52 -2.12	89.62 -7.56 -1.53	91.76 -6.53 -2.24	91.85 -6.72 -2.52	93.94 -6.15 -3.96	89.67 -7.09 -0.91	89.09 -7.27 -0.70	60.95 -3.15 -3.44	61.78 -2.25 -3.12	62.68 -2.00 -3.96
RUSSELL___4 23556	66.33 -1.28 -3.78	62.44 -1.52 -2.98	63.03 -1.64 -3.75	62.54 -1.71 -3.33	62.53 -1.83 -3.50	62.05 -1.83 -3.02	62.44 -2.43 -4.14	61.76 -2.67 -3.77	87.10 -6.15 0.00	89.54 -6.12 -0.01	91.77 -6.03 -2.04	92.24 -5.66 -1.95	91.92 -6.33 -2.39	91.52 -6.51 -2.27	91.46 -6.52 -2.12	89.62 -7.56 -1.53	91.76 -6.53 -2.24	91.85 -6.72 -2.52	93.94 -6.15 -3.96	89.67 -7.09 -0.91	89.09 -7.27 -0.70	60.95 -3.15 -3.44	61.78 -2.25 -3.12	62.68 -2.00 -3.96
RUSSELL___STATION 23914	66.33 -1.28 -3.78	62.44 -1.52 -2.98	63.03 -1.64 -3.75	62.54 -1.71 -3.33	62.53 -1.83 -3.50	62.05 -1.83 -3.02	62.44 -2.43 -4.14	61.76 -2.67 -3.77	87.10 -6.15 0.00	89.54 -6.12 -0.01	91.77 -6.03 -2.04	92.24 -5.66 -1.95	91.92 -6.33 -2.39	91.52 -6.51 -2.27	91.46 -6.52 -2.12	89.62 -7.56 -1.53	91.76 -6.53 -2.24	91.85 -6.72 -2.52	93.94 -6.15 -3.96	89.67 -7.09 -0.91	89.09 -7.27 -0.70	60.95 -3.15 -3.44	61.78 -2.25 -3.12	62.68 -2.00 -3.96
S SALMON___HYD 24043	66.98 0.70 -2.45	63.47 0.55 -1.93	63.72 0.37 -2.43	63.44 0.37 -2.15	63.31 0.18 -2.26	63.00 0.18 -1.95	63.47 0.06 -2.68	63.22 0.12 -2.44	92.98 -0.28 0.00	95.46 -0.19 0.00	95.95 0.19 0.00	96.33 0.39 0.00	95.85 0.00 0.00	95.76 0.00 0.00	95.85 0.00 0.00	95.31 -0.19 0.16	96.58 0.10 -0.44	96.19 0.00 -0.15	100.56 0.10 -4.32	96.78 0.00 -0.92	96.63 -0.29 -1.26	64.40 0.00 -3.73	63.12 0.18 -2.02	63.53 0.24 -2.56
S.PERRY___115KV_TB1 80734	69.39 0.51 -5.05	65.09 0.12 -3.98	65.87 -0.06 -5.01	65.18 -0.18 -4.44	65.17 -0.37 -4.67	64.47 -0.43 -4.03	65.10 -1.15 -5.53	64.42 -1.27 -5.04	89.51 -3.73 0.02	91.64 -4.02 0.00	94.34 -4.21 -2.80	94.78 -3.84 -2.67	94.82 -4.31 -3.28	94.37 -4.50 -3.11	94.26 -4.51 -2.91	92.93 -4.88 -2.15	94.93 -3.84 -2.73	95.55 -3.84 -3.35	94.74 -3.46 -2.06	91.04 -4.12 0.70	90.74 -4.30 0.61	60.62 -1.88 -1.83	63.81 -1.28 -4.16	64.98 -1.03 -5.28
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	64.65 -3.89 -4.72	60.68 -4.03 -3.72	61.58 -4.02 -4.68	60.99 -4.08 -4.15	60.84 -4.38 -4.36	60.12 -4.50 -3.76	60.36 -5.53 -5.16	59.36 -6.00 -4.70	82.06 -11.19 0.01	84.47 -11.19 -0.01	87.15 -11.20 -2.60	87.49 -10.94 -2.48	87.29 -11.60 -3.04	86.96 -11.68 -2.88	86.76 -11.79 -2.70	84.93 -12.72 -1.99	86.67 -12.10 -2.73	87.21 -12.01 -3.17	88.01 -11.92 -3.79	83.77 -12.56 -0.47	83.55 -12.44 -0.33	57.12 -6.86 -3.31	59.08 -5.73 -3.89	60.68 -4.98 -4.93

SAWYER___23_KV_LOAD 55526	64.65 -3.89 -4.72	60.68 -4.03 -3.72	61.58 -4.02 -4.68	60.99 -4.08 -4.15	60.84 -4.38 -4.36	60.12 -4.50 -3.76	60.36 -5.53 -5.16	59.36 -6.00 -4.70	82.06 -11.19 0.01	84.47 -11.19 -0.01	87.15 -11.20 -2.60	87.49 -10.94 -2.48	87.29 -11.60 -3.04	86.96 -11.68 -2.88	86.76 -11.79 -2.70	84.93 -12.72 -1.99	86.67 -12.10 -2.73	87.21 -12.01 -3.17	88.01 -11.92 -3.79	83.77 -12.56 -0.47	83.55 -12.44 -0.33	57.12 -6.86 -3.31	59.08 -5.73 -3.89	60.68 -4.98 -4.93
SELKIRK___I 23801	98.26 2.87 -31.56	88.54 2.68 -24.87	94.89 2.68 -31.29	91.37 2.68 -27.77	92.66 2.62 -29.19	88.66 2.62 -25.18	97.81 2.55 -34.54	94.50 2.36 -31.49	97.09 3.73 -0.10	123.07 3.73 -23.69	130.27 3.64 -30.87	130.54 3.74 -30.85	137.46 3.73 -37.87	130.61 3.73 -31.12	128.72 3.73 -29.13	123.18 3.73 -23.79	130.52 3.56 -30.92	134.28 3.56 -34.68	155.32 3.46 -55.73	126.90 3.55 -27.50	116.57 3.73 -17.19	111.15 2.36 -48.13	89.36 2.44 -26.00	96.16 2.43 -33.00
SELKIRK___II 23799	98.31 2.62 -31.87	88.54 2.44 -25.11	94.96 2.44 -31.59	91.39 2.44 -28.03	92.77 2.44 -29.47	88.72 2.44 -25.42	97.96 2.37 -34.87	94.69 2.25 -31.79	96.81 3.45 -0.10	124.77 3.54 -25.57	131.76 3.44 -32.56	131.97 3.45 -32.58	139.29 3.45 -39.99	131.95 3.44 -32.75	130.06 3.55 -30.65	124.13 3.44 -25.04	131.61 3.27 -32.30	135.72 3.27 -36.41	155.57 3.17 -56.26	127.63 3.35 -28.43	116.49 3.44 -17.40	111.50 2.25 -48.59	89.49 2.31 -26.25	96.30 2.25 -33.32
SENECA OSWGO___HYD 24041	66.93 0.32 -2.79	63.37 0.18 -2.20	63.62 -0.06 -2.76	63.37 0.00 -2.45	63.26 -0.18 -2.58	62.96 -0.12 -2.22	63.53 -0.24 -3.05	63.19 -0.24 -2.78	92.32 -0.93 0.00	94.89 -0.77 0.00	95.28 -0.48 0.00	95.85 -0.10 0.00	95.38 -0.48 0.00	95.19 -0.57 0.00	95.28 -0.57 0.00	94.61 -0.86 0.18	96.07 -0.48 -0.50	95.64 -0.57 -0.17	100.68 -0.38 -4.92	96.33 -0.57 -1.05	96.23 -0.86 -1.44	64.55 -0.36 -4.25	63.04 -0.18 -2.30	63.46 -0.18 -2.91
SENECA___115KV_TB3 355854	65.02 -3.70 -4.90	61.00 -3.84 -3.86	61.94 -3.84 -4.85	61.39 -3.84 -4.31	61.25 -4.14 -4.53	60.45 -4.32 -3.91	60.80 -5.28 -5.36	59.78 -5.76 -4.88	83.17 -10.07 0.01	85.62 -10.04 -0.01	88.41 -10.05 -2.70	88.64 -9.88 -2.58	88.76 -10.26 -3.16	88.52 -10.25 -3.00	88.22 -10.45 -2.81	86.83 -10.90 -2.08	88.20 -10.66 -2.82	89.06 -10.28 -3.29	89.22 -10.67 -3.75	85.31 -10.93 -0.39	85.20 -10.71 -0.26	57.51 -6.43 -3.28	59.41 -5.54 -4.03	60.93 -4.92 -5.12
SENECA___ENERGY 23797	66.86 -0.89 -3.93	63.05 -1.04 -3.10	63.66 -1.16 -3.90	63.22 -1.16 -3.46	63.16 -1.34 -3.63	62.72 -1.28 -3.14	63.51 -1.52 -4.30	63.00 -1.58 -3.92	89.62 -3.64 0.00	92.04 -3.63 -0.02	94.28 -3.64 -2.16	94.74 -3.26 -2.06	94.73 -3.26 -2.52	94.32 -3.83 -2.39	94.35 -3.74 -2.24	93.37 -3.93 -1.64	95.14 -3.45 -2.55	95.12 -3.65 -2.72	98.92 -3.17 -5.95	94.39 -3.54 -2.08	93.54 -3.73 -1.62	63.93 -1.88 -5.15	62.52 -1.64 -3.24	63.32 -1.52 -4.11
SHOEMAKER___GT 23640	90.79 2.94 -24.03	82.79 2.87 -18.93	87.49 2.74 -23.82	84.86 2.80 -21.14	85.82 2.74 -22.22	82.77 2.74 -19.17	89.69 2.67 -26.29	87.41 2.79 -23.97	97.50 4.20 -0.04	105.62 4.40 -5.56	113.11 4.31 -13.04	113.04 4.32 -12.77	116.02 4.51 -15.66	113.91 4.41 -13.74	113.23 4.51 -12.86	110.74 4.59 -10.49	116.31 4.80 -15.47	116.86 4.90 -15.92	143.56 5.00 -42.42	116.60 4.79 -15.95	113.13 4.69 -12.79	100.33 3.03 -36.63	83.88 3.17 -19.79	88.65 2.79 -25.12
SHOEMAKR_138KV_BK 111 55601	90.63 2.94 -23.87	82.66 2.87 -18.81	87.33 2.74 -23.66	84.66 2.74 -20.99	85.67 2.74 -22.07	82.64 2.74 -19.04	89.51 2.67 -26.12	87.19 2.73 -23.81	97.50 4.20 -0.04	105.58 4.40 -5.52	113.02 4.31 -12.95	113.04 4.41 -12.68	115.91 4.51 -15.55	113.82 4.40 -13.65	113.14 4.51 -12.78	110.67 4.59 -10.42	116.21 4.80 -15.36	116.76 4.90 -15.81	143.28 5.00 -42.14	116.39 4.70 -15.84	113.05 4.69 -12.71	100.09 3.03 -36.39	83.75 3.17 -19.66	88.48 2.79 -24.96
SHOREHAM_IC_1 23715	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.27 8.91 -48.60	153.50 9.30 -48.25	152.40 9.11 -47.43	150.58 9.39 -45.44	149.56 9.40 -44.31	152.78 9.66 -47.47	150.87 9.89 -44.93	154.79 9.99 -48.76	257.95 9.81 -152.00	150.32 9.88 -44.59	147.97 9.56 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.97 5.77 -27.47
SHOREHAM_IC_2 23716	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.94 5.78 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.27 8.91 -48.60	153.50 9.30 -48.25	152.40 9.11 -47.43	150.58 9.39 -45.44	149.56 9.40 -44.31	152.78 9.66 -47.47	150.87 9.89 -44.93	154.79 9.99 -48.76	257.95 9.81 -152.00	150.32 9.88 -44.59	147.97 9.56 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.97 5.77 -27.47
SISSONVILLE____ 23735	63.97 -0.32 -0.47	61.11 -0.24 -0.37	61.26 -0.12 -0.46	61.03 -0.30 -0.41	60.99 -0.30 -0.43	60.99 -0.24 -0.37	61.18 0.00 -0.51	61.12 0.00 -0.47	93.07 -0.19 0.00	95.37 -0.29 0.00	95.38 -0.38 0.00	95.28 -0.67 0.00	95.18 -0.67 0.00	95.18 -0.57 0.00	95.18 -0.67 0.00	95.18 -0.67 0.03	94.96 -1.54 -0.08	94.25 -1.82 -0.03	95.23 -1.73 -0.83	94.88 -1.15 -0.18	95.61 -0.29 -0.24	61.38 0.00 -0.71	60.94 -0.37 -0.39	60.97 -0.24 -0.49
SITHE_IND_GS1 24169	63.61 -2.36 -2.15	60.36 -2.32 -1.69	60.61 -2.44 -2.13	60.43 -2.38 -1.89	60.41 -2.44 -1.98	60.14 -2.44 -1.71	60.53 -2.55 -2.35	60.25 -2.55 -2.14	88.78 -4.47 0.00	91.16 -4.49 0.00	91.26 -4.50 0.00	91.63 -4.32 0.00	91.35 -4.50 0.00	91.16 -4.59 0.00	91.26 -4.60 0.00	90.62 -4.78 0.26	91.92 -4.51 -0.39	91.57 -4.61 -0.13	95.51 -4.42 -3.79	91.97 -4.69 -0.81	91.98 -4.78 -1.11	61.27 -2.67 -3.27	60.13 -2.56 -1.77	60.48 -2.49 -2.24
SITHE_IND_GS2 24170	63.61 -2.36 -2.15	60.36 -2.32 -1.69	60.61 -2.44 -2.13	60.43 -2.38 -1.89	60.41 -2.44 -1.98	60.14 -2.44 -1.71	60.53 -2.55 -2.35	60.25 -2.55 -2.14	88.78 -4.47 0.00	91.16 -4.49 0.00	91.26 -4.50 0.00	91.63 -4.32 0.00	91.35 -4.50 0.00	91.16 -4.59 0.00	91.26 -4.60 0.00	90.62 -4.78 0.26	91.92 -4.51 -0.39	91.57 -4.61 -0.13	95.51 -4.42 -3.79	91.97 -4.69 -0.81	91.98 -4.78 -1.11	61.27 -2.67 -3.27	60.13 -2.56 -1.77	60.48 -2.49 -2.24
SITHE_IND_GS3 24171	63.61 -2.36 -2.15	60.36 -2.32 -1.69	60.61 -2.44 -2.13	60.43 -2.38 -1.89	60.41 -2.44 -1.98	60.14 -2.44 -1.71	60.53 -2.55 -2.35	60.25 -2.55 -2.14	88.78 -4.47 0.00	91.16 -4.49 0.00	91.26 -4.50 0.00	91.63 -4.32 0.00	91.35 -4.50 0.00	91.16 -4.59 0.00	91.26 -4.60 0.00	90.62 -4.78 0.26	91.92 -4.51 -0.39	91.57 -4.61 -0.13	95.51 -4.42 -3.79	91.97 -4.69 -0.81	91.98 -4.78 -1.11	61.27 -2.67 -3.27	60.13 -2.56 -1.77	60.48 -2.49 -2.24
SITHE_IND_GS4 24172	63.61 -2.36 -2.15	60.36 -2.32 -1.69	60.61 -2.44 -2.13	60.43 -2.38 -1.89	60.41 -2.44 -1.98	60.14 -2.44 -1.71	60.53 -2.55 -2.35	60.25 -2.55 -2.14	88.78 -4.47 0.00	91.16 -4.49 0.00	91.26 -4.50 0.00	91.63 -4.32 0.00	91.35 -4.50 0.00	91.16 -4.59 0.00	91.26 -4.60 0.00	90.62 -4.78 0.26	91.92 -4.51 -0.39	91.57 -4.61 -0.13	95.51 -4.42 -3.79	91.97 -4.69 -0.81	91.98 -4.78 -1.11	61.27 -2.67 -3.27	60.13 -2.56 -1.77	60.48 -2.49 -2.24

SITHE___BATAVIA 24024	65.98 -2.10 -4.26	61.97 -2.38 -3.36	62.65 -2.50 -4.23	62.12 -2.56 -3.75	62.07 -2.74 -3.94	61.53 -2.74 -3.40	61.75 -3.64 -4.66	60.84 -4.06 -4.25	85.04 -8.21 0.01	87.24 -8.42 -0.01	89.47 -8.62 -2.33	89.92 -8.25 -2.22	89.56 -9.01 -2.72	88.86 -9.48 -2.58	88.98 -9.30 -2.42	87.28 -10.14 -1.77	89.61 -8.93 -2.49	89.77 -9.13 -2.86	92.05 -7.98 -3.89	87.26 -9.30 -0.70	86.99 -9.18 -0.52	59.80 -4.25 -3.38	60.78 -3.65 -3.51	62.09 -3.09 -4.46	
SITHE___INDEPEND 23800	63.61 -2.36 -2.15	60.36 -2.32 -1.69	60.61 -2.44 -2.13	60.43 -2.38 -1.89	60.41 -2.43 -1.98	60.14 -2.43 -1.71	60.52 -2.55 -2.35	60.25 -2.55 -2.14	88.78 -4.48 0.00	91.06 -4.59 0.00	91.26 -4.50 0.00	91.63 -4.32 0.00	91.35 -4.51 0.00	91.16 -4.60 0.00	91.25 -4.60 0.00	90.62 -4.78 0.26	91.82 -4.61 -0.39	91.56 -4.61 -0.13	95.41 -4.52 -3.79	91.97 -4.70 -0.81	91.98 -4.78 -1.11	61.27 -2.67 -3.27	60.13 -2.56 -1.77	60.48 -2.49 -2.24	
SITHE___MASSENA 23902	63.25 -0.58 0.00	60.56 -0.42 0.00	60.56 -0.36 0.00	60.43 -0.49 0.00	60.44 -0.42 0.00	60.50 -0.36 0.00	60.48 -0.24 0.00	60.47 -0.18 0.00	92.98 -0.28 0.00	95.27 -0.38 0.00	95.28 -0.48 0.00	95.28 -0.67 0.00	95.19 -0.67 0.00	95.28 -0.48 0.00	95.28 -0.57 0.00	95.16 -0.48 0.01	95.08 -0.96 0.00	95.08 -0.96 0.00	95.08 -1.06 0.00	95.19 -0.67 0.00	95.46 -0.19 0.00	60.42 -0.24 0.00	60.37 -0.55 0.00	60.36 -0.36 0.00	
SITHE___OGDNSBRG 24021	64.27 0.45 0.00	61.48 0.49 0.00	61.47 0.55 0.00	61.35 0.43 0.00	61.29 0.43 0.00	61.35 0.49 0.00	61.45 0.73 0.00	61.44 0.79 0.00	94.38 1.12 0.00	96.61 0.96 0.00	96.62 0.86 0.00	96.43 0.48 0.00	96.33 0.48 0.00	96.43 0.67 0.00	96.43 0.58 0.00	96.49 0.86 0.02	96.33 0.29 0.00	96.24 0.19 0.00	96.33 0.19 0.00	96.53 0.67 0.00	96.90 1.24 0.00	61.39 0.73 0.00	61.23 0.30 0.00	61.21 0.49 0.00	
SITHE___STERLING 23777	67.60 1.98 -1.80	64.30 1.89 -1.42	64.47 1.77 -1.78	64.27 1.77 -1.58	64.17 1.64 -1.66	64.00 1.70 -1.44	64.46 1.76 -1.97	64.21 1.76 -1.80	95.68 2.42 0.00	98.14 2.48 0.00	98.54 2.78 0.00	98.73 2.78 0.00	98.44 2.59 0.00	98.35 2.59 0.00	98.44 2.59 0.00	98.14 2.58 0.10	98.96 2.59 -0.32	98.84 2.69 -0.11	101.91 2.60 -3.18	99.12 2.59 -0.68	98.87 2.29 -0.93	64.86 1.45 -2.74	63.86 1.46 -1.48	64.06 1.46 -1.88	
SLEIGHT__34_KV_TB1 80719	66.25 -1.28 -3.70	62.44 -1.46 -2.91	62.94 -1.64 -3.67	62.53 -1.64 -3.25	62.46 -1.83 -3.42	62.05 -1.77 -2.95	62.65 -2.13 -4.05	62.10 -2.24 -3.69	88.31 -4.94 0.00	90.79 -4.88 -0.01	92.97 -4.79 -2.00	93.54 -4.32 -1.91	93.31 -4.89 -2.34	92.91 -5.08 -2.22	92.85 -5.08 -2.08	91.32 -5.83 -1.50	93.27 -5.09 -2.32	93.37 -5.19 -2.51	96.29 -4.90 -5.06	91.91 -5.56 -1.62	91.18 -5.74 -1.26	62.38 -2.67 -4.38	61.90 -2.07 -3.05	62.71 -1.88 -3.87	
SOUTH CAIRO___GT 23612	98.95 4.53 -30.60	89.49 4.39 -24.11	95.52 4.26 -30.34	92.17 4.33 -26.92	93.48 4.32 -28.30	89.66 4.38 -24.41	98.52 4.31 -33.48	95.24 4.06 -30.52	99.69 6.34 -0.09	125.00 6.41 -22.94	131.61 5.94 -29.91	131.41 5.57 -29.89	138.21 5.66 -36.70	131.76 5.84 -30.16	130.03 5.94 -28.23	124.64 5.93 -23.06	131.87 5.86 -29.97	135.70 6.05 -33.60	156.12 5.96 -54.02	128.26 5.75 -26.65	118.25 5.93 -16.67	110.96 3.64 -46.66	89.91 3.78 -25.21	96.49 3.77 -32.00	
SOUTH HAMPTN___IC 23720	136.31 6.58 -65.91	121.49 6.16 -54.35	114.70 5.97 -47.81	112.90 5.97 -46.01	91.00 5.84 -24.30	95.55 5.84 -28.85	95.00 5.53 -28.75	100.29 5.82 -33.82	126.67 9.32 -24.09	146.25 9.66 -40.94	153.65 9.29 -48.60	153.88 9.69 -48.25	152.78 9.49 -47.43	150.77 9.57 -45.44	149.75 9.58 -44.31	152.97 9.85 -47.46	150.96 9.99 -44.93	154.89 10.08 -48.76	257.02 10.00 -150.88	150.32 9.88 -44.59	147.97 9.56 -42.76	145.01 6.25 -78.09	118.80 6.22 -51.66	94.03 5.83 -27.47	
SOUTHDOW_115KV_TB1 355954	66.76 -2.30 -5.23	62.49 -2.62 -4.12	63.55 -2.56 -5.19	62.91 -2.62 -4.60	62.78 -2.92 -4.84	61.93 -3.10 -4.17	62.44 -4.01 -5.73	61.63 -4.25 -5.22	86.06 -7.18 0.01	90.18 -6.98 -1.51	91.85 -6.99 -3.08	91.98 -7.00 -3.03	92.49 -7.09 -3.72	91.80 -7.18 -3.22	91.11 -7.76 -3.02	90.25 -7.65 -2.25	91.15 -7.88 -2.98	92.55 -7.01 -3.52	92.01 -7.69 -3.56	88.43 -7.57 -0.15	88.25 -7.46 -0.06	58.69 -5.10 -3.12	60.60 -4.63 -4.31	62.13 -4.07 -5.47	
SOUTHOLD_69_KV_BK 2 55809	136.37 6.64 -65.91	121.50 6.16 -54.35	114.64 5.91 -47.81	112.90 5.97 -46.01	91.00 5.84 -24.30	95.55 5.84 -28.85	95.00 5.53 -28.75	100.29 5.82 -33.82	127.04 9.70 -24.09	146.73 10.14 -40.94	153.84 9.48 -48.60	153.98 9.79 -48.25	152.87 9.59 -47.43	150.77 9.58 -45.43	149.75 9.59 -44.31	152.97 9.85 -47.46	150.87 9.89 -44.93	154.79 9.99 -48.76	256.98 10.00 -150.85	149.93 9.49 -44.59	147.59 9.18 -42.76	144.71 5.95 -78.09	118.43 5.85 -51.66	93.91 5.71 -27.47	
SOUTHOLD___IC 23719	136.37 6.64 -65.91	121.49 6.16 -54.35	114.64 5.91 -47.81	112.90 5.97 -46.01	91.00 5.84 -24.30	95.55 5.84 -28.85	95.00 5.53 -28.75	100.29 5.82 -33.82	127.04 9.70 -24.09	146.73 10.13 -40.94	153.75 9.39 -48.60	153.99 9.79 -48.25	152.87 9.58 -47.43	150.77 9.57 -45.44	149.75 9.58 -44.31	152.97 9.85 -47.46	150.87 9.89 -44.93	154.79 9.99 -48.76	256.98 10.00 -150.85	149.94 9.49 -44.59	147.59 9.18 -42.76	144.71 5.95 -78.09	118.43 5.85 -51.66	93.91 5.71 -27.47	
SOUTH_FORK_WT_PWR 323839	135.67 5.94 -65.91	120.89 5.55 -54.35	113.97 5.24 -47.81	112.23 5.30 -46.01	90.33 5.17 -24.30	94.88 5.17 -28.85	94.34 4.86 -28.75	99.62 5.15 -33.82	126.21 8.86 -24.09	145.97 9.38 -40.94	152.79 8.43 -48.60	153.02 8.82 -48.25	151.82 8.53 -47.43	149.71 8.52 -45.44	148.69 8.53 -44.31	151.91 8.79 -47.46	149.62 8.65 -44.93	153.63 8.83 -48.76	255.84 8.84 -150.87	148.59 8.14 -44.59	146.26 7.85 -42.76	143.91 5.15 -78.09	117.57 5.00 -51.66	93.30 5.10 -27.47	
SPIERFLS_115KV_TB 1 80737	102.24 5.23 -33.19	92.02 4.88 -26.15	98.64 4.81 -32.90	94.87 4.75 -29.19	96.30 4.75 -30.69	92.09 4.75 -26.48	101.66 4.62 -36.32	98.49 4.73 -33.11	101.01 7.55 -0.20	169.18 7.94 -65.58	170.48 8.04 -66.68	171.51 8.06 -67.51	186.81 8.05 -82.90	168.90 7.85 -65.29	164.54 7.57 -61.11	153.33 7.75 -49.93	162.96 7.97 -58.94	174.97 8.16 -70.76	162.71 7.98 -58.60	148.74 7.67 -45.22	122.16 7.46 -19.04	116.00 4.73 -50.60	93.08 4.81 -27.34	100.05 4.62 -34.70	
ST LAWRENCE____ 23600	62.61 -1.21 0.00	59.89 -1.10 0.00	59.95 -0.98 0.00	59.83 -1.09 0.00	59.89 -0.98 0.00	59.89 -0.98 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	92.23 -1.02 0.00	94.60 -1.05 0.00	94.51 -1.25 0.00	94.51 -1.44 0.00	94.51 -1.34 0.00	94.51 -1.25 0.00	94.51 -1.34 0.00	94.50 -1.14 0.01	94.50 -1.54 0.00	94.50 -1.54 0.00	94.50 -1.54 0.00	94.60 -1.25 0.00	94.61 -0.96 0.00	94.70 -0.85 0.00	59.82 -0.85 0.00	59.83 -1.09 0.00	59.75 -0.97 0.00
STATE_CA_115KV_115_LB 55624	99.33 3.13 -32.38	89.43 2.93 -25.51	95.95 2.92 -32.10	92.27 2.86 -28.48	93.67 2.86 -29.94	89.56 2.86 -25.83	98.89 2.73 -35.43	95.62 2.67 -32.30	97.60 4.20 -0.15	142.82 4.30 -42.86	147.16 4.12 -47.28	147.82 4.22 -47.65	158.48 4.12 -58.50	146.75 4.21 -46.78	143.95 4.31 -43.79	135.54 4.11 -35.77	143.66 3.84 -43.78	151.01 3.75 -51.22	156.87 3.56 -57.17	135.43 3.93 -35.65	117.85 4.11 -18.08	112.65 2.61 -49.37	90.28 2.68 -26.68	97.32 2.73 -33.86	

STATE_ST_34_KV_LOAD 55959	67.58 -0.13 -3.88	63.80 -0.24 -3.06	64.28 -0.49 -3.85	63.91 -0.43 -3.41	63.84 -0.61 -3.59	63.47 -0.49 -3.10	64.31 -0.67 -4.25	63.92 -0.61 -3.87	91.50 -1.77 -0.01	93.96 -1.72 -0.03	96.37 -1.53 -2.15	96.84 -1.15 -2.05	96.83 -1.53 -2.51	96.51 -1.63 -2.38	96.55 -1.53 -2.23	95.49 -1.82 -1.65	97.40 -1.44 -2.80	97.50 -1.34 -2.80	103.40 -1.25 -8.51	97.98 -1.53 -3.66	96.80 -1.72 -2.87	67.15 -0.85 -7.34	63.39 -0.73 -3.20	64.12 -0.67 -4.06
STATION 5_MISC_HYD 23604	66.01 -1.59 -3.78	62.14 -1.83 -2.98	62.72 -1.95 -3.75	62.30 -1.95 -3.33	62.23 -2.13 -3.50	61.75 -2.13 -3.02	62.13 -2.73 -4.14	61.52 -2.91 -3.77	86.91 -6.34 0.00	89.16 -6.51 -0.01	91.29 -6.51 -2.04	91.75 -6.14 -1.95	91.34 -6.90 -2.39	90.66 -7.37 -2.27	90.88 -7.09 -2.12	89.24 -7.94 -1.52	91.47 -6.82 -2.24	91.18 -7.39 -2.52	93.46 -6.63 -3.96	89.01 -7.76 -0.91	88.52 -7.84 -0.70	60.58 -3.52 -3.44	61.42 -2.62 -3.12	62.37 -2.31 -3.96
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	66.90 -0.70 -3.78	63.05 -0.91 -2.98	63.63 -1.04 -3.75	63.15 -1.10 -3.32	63.14 -1.22 -3.49	62.72 -1.16 -3.01	63.22 -1.64 -4.13	62.66 -1.76 -3.77	88.87 -4.38 0.00	91.36 -4.30 -0.01	93.59 -4.21 -2.04	94.06 -3.84 -1.95	93.83 -4.41 -2.39	93.43 -4.60 -2.27	93.38 -4.60 -2.12	91.92 -5.26 -1.53	93.77 -4.51 -2.24	94.05 -4.51 -2.52	95.97 -4.13 -3.96	91.98 -4.79 -0.92	91.39 -4.97 -0.71	61.93 -2.18 -3.44	62.45 -1.58 -3.11	63.28 -1.40 -3.95
STA_56_34_KV_BUS2_REV_LBMP_B 345033	65.67 -1.91 -3.76	61.87 -2.07 -2.96	62.45 -2.19 -3.72	62.03 -2.19 -3.30	61.96 -2.37 -3.47	61.55 -2.31 -3.00	61.92 -2.91 -4.11	61.31 -3.09 -3.75	86.45 -6.81 0.00	88.87 -6.79 -0.01	91.08 -6.70 -2.03	91.55 -6.33 -1.93	91.23 -7.00 -2.37	90.83 -7.18 -2.25	90.77 -7.19 -2.11	89.04 -8.13 -1.51	91.07 -7.20 -2.23	91.16 -7.40 -2.51	93.18 -6.92 -3.97	88.92 -7.86 -0.93	88.43 -7.94 -0.72	60.47 -3.64 -3.45	61.21 -2.80 -3.09	62.10 -2.55 -3.93
STA_56__34_KV_BUS2 355983	65.67 -1.91 -3.76	61.87 -2.07 -2.96	62.45 -2.19 -3.72	62.03 -2.19 -3.30	61.96 -2.37 -3.47	61.55 -2.31 -3.00	61.92 -2.91 -4.11	61.31 -3.09 -3.75	86.45 -6.81 0.00	88.87 -6.79 -0.01	91.08 -6.70 -2.03	91.55 -6.33 -1.93	91.23 -7.00 -2.37	90.83 -7.18 -2.25	90.77 -7.19 -2.11	89.04 -8.13 -1.51	91.07 -7.20 -2.23	91.16 -7.40 -2.51	93.18 -6.92 -3.97	88.92 -7.86 -0.93	88.43 -7.94 -0.72	60.47 -3.64 -3.45	61.21 -2.80 -3.09	62.10 -2.55 -3.93
STA_67__115KV_BK2 355882	65.88 -1.72 -3.78	62.01 -1.95 -2.98	62.60 -2.07 -3.75	62.18 -2.07 -3.33	62.11 -2.25 -3.50	61.63 -2.25 -3.02	62.01 -2.85 -4.14	61.33 -3.09 -3.77	86.44 -6.81 0.00	88.87 -6.79 -0.01	91.00 -6.80 -2.04	91.56 -6.33 -1.95	91.15 -7.09 -2.39	90.75 -7.28 -2.27	90.69 -7.28 -2.12	88.86 -8.32 -1.52	90.89 -7.40 -2.24	90.98 -7.59 -2.52	92.98 -7.11 -3.96	88.72 -8.05 -0.91	88.33 -8.04 -0.71	60.40 -3.70 -3.44	61.29 -2.74 -3.11	62.25 -2.43 -3.95
STA_7__115KV_9TRANS 80674	66.33 -1.28 -3.78	62.44 -1.52 -2.98	63.03 -1.64 -3.75	62.54 -1.71 -3.33	62.53 -1.83 -3.50	62.05 -1.83 -3.02	62.44 -2.43 -4.14	61.76 -2.67 -3.77	87.10 -6.15 0.00	89.54 -6.12 -0.01	91.77 -6.03 -2.04	92.24 -5.66 -1.95	91.92 -6.33 -2.39	91.52 -6.51 -2.27	91.46 -6.52 -2.12	89.62 -7.56 -1.53	91.76 -6.53 -2.24	91.85 -6.72 -2.52	93.94 -6.15 -3.96	89.67 -7.09 -0.91	89.09 -7.27 -0.70	60.95 -3.15 -3.44	61.78 -2.25 -3.12	62.68 -2.00 -3.96
STA_82__115KV_TB1 80780	65.90 -1.72 -3.80	62.03 -1.95 -2.99	62.68 -2.01 -3.76	62.19 -2.07 -3.34	62.12 -2.25 -3.51	61.70 -2.19 -3.03	62.09 -2.79 -4.16	61.41 -3.03 -3.79	86.44 -6.81 0.00	88.87 -6.79 -0.01	91.11 -6.70 -2.05	91.57 -6.33 -1.96	91.16 -7.09 -2.40	90.76 -7.28 -2.28	90.70 -7.28 -2.13	88.87 -8.32 -1.53	90.99 -7.30 -2.25	91.09 -7.49 -2.53	92.98 -7.11 -3.96	88.81 -7.96 -0.91	88.32 -8.04 -0.70	60.46 -3.64 -3.44	61.31 -2.74 -3.13	62.27 -2.43 -3.97
STEEL__WIND 323596	64.95 -3.77 -4.90	60.94 -3.90 -3.86	61.88 -3.90 -4.85	61.33 -3.90 -4.31	61.19 -4.20 -4.53	60.39 -4.38 -3.91	60.74 -5.34 -5.36	59.78 -5.76 -4.88	83.08 -10.16 0.01	85.33 -10.33 -0.01	88.12 -10.34 -2.70	88.45 -10.07 -2.58	88.57 -10.45 -3.16	88.33 -10.44 -3.00	87.93 -10.73 -2.81	86.74 -11.00 -2.08	88.01 -10.85 -2.82	88.87 -10.47 -3.29	89.22 -10.67 -3.75	85.12 -11.12 -0.39	85.01 -10.91 -0.26	57.45 -6.49 -3.28	59.29 -5.66 -4.03	60.81 -5.04 -5.12
STEPHTWN_115KV_BK_2 55603	99.55 3.70 -32.02	89.70 3.48 -25.23	96.08 3.41 -31.75	92.51 3.41 -28.17	93.82 3.35 -29.61	89.82 3.41 -25.55	99.05 3.28 -35.04	95.82 3.21 -31.95	98.32 4.94 -0.12	134.15 5.07 -33.43	139.97 4.98 -39.23	140.34 4.99 -39.40	149.22 4.98 -48.38	139.84 4.98 -39.10	137.53 5.08 -36.60	130.43 4.88 -29.90	138.23 4.71 -37.48	143.86 4.71 -43.11	157.20 4.52 -56.54	132.31 4.79 -31.67	118.29 4.97 -17.67	112.59 3.09 -48.83	90.47 3.17 -26.38	97.37 3.16 -33.49
STEUBEN_REC_LFGE 323667	68.98 -1.02 -6.18	64.64 -1.22 -4.87	65.71 -1.34 -6.13	64.78 -1.58 -5.44	64.51 -2.07 -5.72	63.42 -2.37 -4.93	64.03 -3.46 -6.76	63.24 -3.58 -6.17	86.40 -6.81 0.05	90.47 -6.98 -1.79	92.46 -6.99 -3.69	92.86 -6.72 -3.62	93.41 -6.90 -4.46	92.82 -6.80 -3.86	93.33 -6.13 -3.61	92.20 -6.12 -2.67	92.06 -6.63 -2.65	92.65 -7.30 -3.91	83.80 -7.60 4.75	82.95 -7.67 5.23	83.57 -7.84 4.24	51.77 -4.91 3.98	61.38 -4.63 -5.09	62.76 -4.43 -6.46
STILLWATER__SOLAR 323814	101.37 4.53 -33.01	91.21 4.20 -26.01	97.80 4.14 -32.73	94.11 4.14 -29.04	95.47 4.08 -30.53	91.28 4.08 -26.34	100.86 4.01 -36.13	97.59 4.00 -32.93	99.70 6.25 -0.20	164.94 6.60 -62.69	166.66 6.70 -64.20	167.73 6.81 -64.97	182.45 6.81 -79.79	165.29 6.60 -62.93	161.36 6.61 -58.90	150.47 6.69 -48.12	159.96 6.92 -56.99	171.31 7.01 -68.26	161.35 6.93 -58.29	146.53 6.71 -43.97	121.13 6.60 -18.88	115.13 4.13 -50.34	92.32 4.20 -27.20	99.25 4.01 -34.52
STONY__BROOK 24151	136.05 6.32 -65.91	121.32 5.98 -54.35	114.52 5.79 -47.81	112.72 5.79 -46.01	90.88 5.72 -24.30	95.43 5.72 -28.85	94.94 5.47 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.87 9.28 -40.94	153.36 9.00 -48.60	153.50 9.30 -48.25	152.58 9.30 -47.43	150.58 9.39 -45.44	149.56 9.40 -44.31	152.69 9.56 -47.47	150.88 9.89 -44.94	154.71 9.89 -48.78	268.42 9.90 -162.37	150.32 9.88 -44.59	148.07 9.66 -42.76	145.07 6.31 -78.09	118.91 6.34 -51.66	93.97 5.77 -27.47
STURGEON_POOL_HYD 23609	94.06 3.32 -26.92	85.43 3.23 -21.21	90.66 3.05 -26.69	87.71 3.11 -23.68	88.86 3.10 -24.89	85.44 3.10 -21.48	93.28 3.10 -29.46	90.66 3.15 -26.85	98.25 4.94 -0.06	110.17 5.17 -9.35	118.05 5.08 -17.21	118.01 5.09 -16.97	121.95 5.27 -20.82	118.80 5.17 -17.87	117.86 5.27 -16.73	114.67 5.36 -13.65	120.95 5.57 -19.34	122.25 5.76 -20.44	149.53 5.86 -47.53	120.43 5.46 -19.11	115.51 5.45 -14.40	105.23 3.52 -41.04	86.75 3.66 -22.18	92.09 3.22 -28.15
ST_LAW_115_BK7_LBMP 345037	62.55 -1.28 0.00	59.83 -1.16 0.00	59.89 -1.04 0.00	59.83 -1.09 0.00	59.83 -1.04 0.00	59.83 -1.04 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	92.23 -1.02 0.00	94.51 -1.14 0.00	94.51 -1.25 0.00	94.51 -1.44 0.00	94.51 -1.34 0.00	94.51 -1.25 0.00	94.51 -1.34 0.00	94.50 -1.14 0.01	94.50 -1.54 0.00	94.50 -1.54 0.00	94.50 -1.63 0.00	94.61 -1.25 0.00	94.70 -0.96 0.00	59.82 -0.85 0.00	59.76 -1.16 0.00	59.75 -0.97 0.00

ST_LAW_115_BK8_LBMP 345038	62.55 -1.28 0.00	59.83 -1.16 0.00	59.89 -1.04 0.00	59.83 -1.09 0.00	59.83 -1.04 0.00	59.83 -1.04 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	92.23 -1.02 0.00	94.51 -1.14 0.00	94.51 -1.25 0.00	94.51 -1.44 0.00	94.51 -1.34 0.00	94.51 -1.25 0.00	94.51 -1.34 0.00	94.50 -1.14 0.01	94.50 -1.54 0.00	94.50 -1.54 0.00	94.50 -1.63 0.00	94.61 -1.25 0.00	94.70 -0.96 0.00	59.82 -0.85 0.00	59.76 -1.16 0.00	59.75 -0.97 0.00
ST_LAW_230_BK5_LBMP 345035	62.61 -1.21 0.00	59.89 -1.10 0.00	59.95 -0.98 0.00	59.83 -1.09 0.00	59.89 -0.98 0.00	59.89 -0.98 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	92.23 -1.02 0.00	94.60 -1.05 0.00	94.51 -1.25 0.00	94.51 -1.44 0.00	94.51 -1.34 0.00	94.51 -1.25 0.00	94.51 -1.34 0.00	94.50 -1.14 0.01	94.50 -1.54 0.00	94.50 -1.54 0.00	94.60 -1.54 0.00	94.61 -1.25 0.00	94.70 -0.96 0.00	59.82 -0.85 0.00	59.83 -1.09 0.00	59.75 -0.97 0.00
ST_LAW_230_BK6_LBMP 345036	62.61 -1.21 0.00	59.89 -1.10 0.00	59.95 -0.98 0.00	59.83 -1.09 0.00	59.89 -0.98 0.00	59.89 -0.98 0.00	59.88 -0.85 0.00	59.81 -0.85 0.00	92.23 -1.02 0.00	94.60 -1.05 0.00	94.51 -1.25 0.00	94.51 -1.44 0.00	94.51 -1.34 0.00	94.51 -1.25 0.00	94.51 -1.34 0.00	94.50 -1.14 0.01	94.50 -1.54 0.00	94.50 -1.54 0.00	94.60 -1.54 0.00	94.61 -1.25 0.00	94.70 -0.96 0.00	59.82 -0.85 0.00	59.83 -1.09 0.00	59.75 -0.97 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	91.58 3.19 -24.56	83.45 3.11 -19.35	88.26 2.99 -24.35	85.52 2.99 -21.61	86.56 2.98 -22.71	83.44 2.98 -19.60	90.52 2.91 -26.88	88.19 3.03 -24.50	97.96 4.66 -0.04	106.23 4.88 -5.70	113.98 4.88 -13.34	113.90 4.89 -13.06	116.95 5.08 -16.02	114.79 4.98 -14.05	114.09 5.08 -13.16	111.45 5.07 -10.73	117.14 5.28 -15.82	117.70 5.38 -16.28	144.99 5.48 -43.37	117.44 5.27 -16.31	113.90 5.17 -13.08	101.52 3.40 -37.45	84.63 3.47 -20.24	89.51 3.10 -25.69
SWANROAD_115KV_TB1 355699	63.39 -4.98 -4.54	59.51 -5.06 -3.58	60.37 -5.06 -4.50	59.80 -5.12 -4.00	59.71 -5.36 -4.20	59.01 -5.48 -3.62	59.20 -6.50 -4.97	58.03 -7.16 -4.53	80.01 -13.24 0.01	82.37 -13.30 -0.01	84.75 -13.50 -2.49	85.18 -13.15 -2.38	84.68 -14.09 -2.92	84.45 -14.08 -2.77	84.26 -14.19 -2.59	82.16 -15.40 -1.91	84.08 -14.60 -2.64	84.50 -14.60 -3.05	86.44 -13.56 -3.85	81.87 -14.57 -0.59	81.73 -14.35 -0.42	56.86 -7.16 -3.36	57.84 -6.82 -3.74	59.53 -5.95 -4.75
SYNERGY___BIOGAS 323694	65.98 -2.10 -4.26	61.97 -2.38 -3.36	62.65 -2.50 -4.23	62.12 -2.56 -3.75	62.07 -2.74 -3.94	61.53 -2.74 -3.40	61.75 -4.06 -4.66	60.84 -4.06 -4.25	85.04 -8.21 0.01	87.24 -8.42 -0.01	89.47 -8.62 -2.33	89.92 -8.25 -2.22	89.56 -9.01 -2.72	88.86 -9.48 -2.58	88.98 -9.30 -2.42	87.28 -10.14 -1.77	89.61 -8.93 -2.49	89.77 -9.13 -2.86	92.05 -7.98 -3.89	87.26 -9.30 -0.70	86.99 -9.18 -0.52	59.80 -4.25 -3.38	60.78 -3.65 -3.51	62.09 -3.09 -4.46
SYRACUSE___ENERGY_ST1 323597	66.69 -0.38 -3.25	63.12 -0.43 -2.56	63.53 -0.61 -3.22	63.17 -0.61 -2.86	63.14 -0.73 -3.00	62.78 -0.67 -2.59	63.49 -0.79 -3.56	63.11 -0.79 -3.24	91.40 -1.87 -0.01	93.95 -1.72 -0.02	95.96 -1.53 -1.73	96.35 -1.25 -1.65	96.35 -1.53 -2.03	96.15 -1.53 -1.92	96.02 -1.63 -1.80	95.03 -1.91 -1.28	96.65 -1.54 -2.14	96.73 -1.54 -2.22	100.34 -1.54 -5.74	96.41 -1.63 -2.19	95.57 -1.82 -1.73	64.71 -0.91 -4.95	62.81 -0.79 -2.68	63.39 -0.73 -3.40
SYRACUSE___ENERGY_ST2 323598	66.69 -0.38 -3.25	63.12 -0.43 -2.56	63.53 -0.61 -3.22	63.17 -0.61 -2.86	63.14 -0.73 -3.00	62.78 -0.67 -2.59	63.49 -0.79 -3.56	63.11 -0.79 -3.24	91.40 -1.87 -0.01	93.95 -1.72 -0.02	95.96 -1.53 -1.73	96.35 -1.25 -1.65	96.35 -1.53 -2.03	96.15 -1.53 -1.92	96.02 -1.63 -1.80	95.03 -1.91 -1.28	96.65 -1.54 -2.14	96.73 -1.54 -2.22	100.34 -1.54 -5.74	96.41 -1.63 -2.19	95.57 -1.82 -1.73	64.71 -0.91 -4.95	62.81 -0.79 -2.68	63.39 -0.73 -3.40
SYRACUSE___POWER 24017	66.46 -0.70 -3.34	62.83 -0.79 -2.63	63.32 -0.91 -3.31	63.01 -0.85 -2.94	62.98 -0.97 -3.09	62.55 -0.97 -2.66	63.29 -1.09 -3.65	62.89 -1.09 -3.33	91.03 -2.24 -0.01	93.48 -2.20 -0.02	95.54 -2.01 -1.79	95.93 -1.73 -1.70	95.93 -2.01 -2.09	95.73 -2.01 -1.98	95.60 -2.11 -1.86	94.71 -2.30 -1.35	96.35 -2.02 -2.32	96.35 -2.02 -2.33	101.23 -1.92 -7.02	96.68 -2.11 -2.93	95.68 -2.30 -2.32	65.50 -1.21 -6.05	62.64 -1.04 -2.75	63.18 -1.03 -3.49
TALLMAN___138KV_BK151 55660	92.48 3.45 -25.21	84.21 3.35 -19.87	89.09 3.17 -25.00	86.33 3.23 -22.18	87.34 3.16 -23.32	84.14 3.16 -20.12	91.41 3.10 -27.59	89.08 3.28 -25.15	98.43 5.13 -0.05	106.86 5.36 -5.85	114.72 5.27 -13.69	114.72 5.37 -13.40	117.85 5.56 -16.44	115.64 5.46 -14.43	114.92 5.56 -13.50	112.31 5.64 -11.02	118.14 5.86 -16.23	118.71 5.95 -16.71	146.71 6.06 -44.52	118.44 5.85 -16.74	114.72 5.64 -13.42	102.81 3.70 -38.44	85.53 3.84 -20.77	90.43 3.34 -26.37
TEALLAVE_115KV_TB7 355573	65.69 -1.02 -2.88	62.16 -1.10 -2.27	62.56 -1.22 -2.86	62.30 -1.16 -2.54	62.25 -1.28 -2.67	61.88 -1.28 -2.30	62.48 -1.40 -3.15	62.14 -1.40 -2.88	90.46 -2.80 0.00	92.88 -2.77 0.00	93.17 -2.59 0.00	93.65 -2.30 0.00	93.27 -2.59 0.00	93.08 -2.68 0.00	93.17 -2.68 0.00	92.51 -2.97 0.18	93.87 -2.69 -0.52	93.53 -2.69 -0.17	98.63 -2.60 -5.09	94.16 -2.78 -1.09	94.18 -2.97 -1.49	63.48 -1.58 -4.39	61.90 -1.40 -2.37	62.40 -1.34 -3.01
TELGRAPH_34_KV_EAST 80808	64.88 -3.32 -4.38	60.90 -3.54 -3.45	61.67 -3.59 -4.34	61.18 -3.59 -3.85	61.07 -3.83 -4.05	60.46 -3.90 -3.49	60.60 -4.92 -4.79	59.62 -5.40 -4.36	82.80 -10.44 0.01	85.14 -10.52 -0.01	87.52 -10.63 -2.39	87.97 -10.27 -2.28	87.54 -11.12 -2.80	87.21 -11.20 -2.66	87.03 -11.31 -2.49	85.04 -12.44 -1.82	87.07 -11.53 -2.55	87.55 -11.43 -2.93	89.34 -10.67 -3.87	84.90 -11.60 -0.65	84.56 -11.57 -0.48	58.39 -5.64 -3.37	59.47 -5.06 -3.60	60.99 -4.31 -4.58
TEMPLE___115KV_TB 2 55572	65.72 -1.02 -2.92	62.19 -1.10 -2.30	62.60 -1.22 -2.89	62.33 -1.16 -2.57	62.28 -1.28 -2.70	61.91 -1.28 -2.33	62.52 -1.40 -3.19	62.17 -1.40 -2.91	90.46 -2.80 0.00	92.88 -2.77 0.00	93.17 -2.59 0.00	93.65 -2.30 0.00	93.27 -2.59 0.00	93.08 -2.68 0.00	93.17 -2.68 0.00	92.51 -2.97 0.18	93.88 -2.69 -0.52	93.53 -2.69 -0.18	98.69 -2.60 -5.15	94.18 -2.78 -1.10	94.19 -2.97 -1.50	63.54 -1.58 -4.45	61.92 -1.40 -2.40	62.44 -1.34 -3.05
TIANA____69_KV_BK 1 55817	136.30 6.57 -65.91	121.56 6.22 -54.35	114.70 5.97 -47.81	112.96 6.03 -46.01	91.06 5.90 -24.30	95.61 5.90 -28.85	95.06 5.59 -28.75	100.35 5.88 -33.82	126.76 9.42 -24.09	146.25 9.66 -40.94	153.65 9.29 -48.60	153.89 9.69 -48.25	152.78 9.49 -47.43	150.77 9.58 -45.43	149.84 9.68 -44.31	153.07 9.95 -47.46	151.06 10.08 -44.93	154.89 10.08 -48.76	257.09 10.09 -150.85	150.41 9.97 -44.59	148.17 9.76 -42.76	145.07 6.31 -78.09	118.91 6.34 -51.66	94.09 5.89 -27.47
TILDEN___115KV_TB1 80814	66.46 -0.70 -3.34	62.83 -0.79 -2.63	63.32 -0.91 -3.31	63.01 -0.85 -2.94	62.98 -0.97 -3.09	62.55 -0.97 -2.66	63.29 -1.09 -3.65	62.89 -1.09 -3.33	91.03 -2.24 -0.01	93.48 -2.20 -0.02	95.54 -2.01 -1.79	95.93 -1.73 -1.70	95.93 -2.01 -2.09	95.73 -2.01 -1.98	95.60 -2.11 -1.86	94.71 -2.30 -1.35	96.35 -2.02 -2.32	96.35 -2.02 -2.33	101.23 -1.92 -7.02	96.68 -2.11 -2.93	95.68 -2.30 -2.32	65.50 -1.21 -6.05	62.64 -1.04 -2.75	63.18 -1.03 -3.49

TRIGEN__CC 323695	134.65 4.91 -65.91	120.03 4.70 -54.35	113.24 4.51 -47.81	111.44 4.51 -46.01	89.66 4.50 -24.30	94.15 4.44 -28.85	93.85 4.37 -28.75	99.02 4.55 -33.82	124.43 7.09 -24.09	143.96 7.37 -40.94	151.83 7.47 -48.60	151.73 7.58 -48.20	151.05 7.76 -47.43	148.85 7.66 -45.43	147.83 7.67 -44.31	150.83 7.75 -47.42	148.91 7.97 -44.89	152.84 8.16 -48.64	165.69 8.17 -61.38	148.36 7.96 -44.55	146.25 7.84 -42.76	143.86 5.10 -78.09	117.76 5.18 -51.66	92.87 4.68 -27.47
TRINITY__115KV__ 4 BK 55933	98.85 2.94 -32.09	89.02 2.74 -25.29	95.48 2.74 -31.82	91.90 2.74 -28.23	93.22 2.68 -29.68	89.15 2.68 -25.61	98.46 2.61 -35.12	95.22 2.55 -32.01	97.30 3.92 -0.13	134.51 4.02 -34.84	140.03 3.83 -40.44	140.43 3.84 -40.64	149.59 3.83 -49.90	139.94 3.93 -40.26	137.47 3.93 -37.68	130.26 3.83 -30.78	138.03 3.55 -38.43	143.83 3.46 -44.33	156.07 3.27 -56.66	131.77 3.64 -32.27	117.22 3.83 -17.74	112.03 2.43 -48.93	89.86 2.50 -26.44	96.84 2.55 -33.56
UNION__PROCESSING_DRP 323587	65.90 -1.72 -3.80	62.09 -1.89 -2.99	62.68 -2.01 -3.77	62.19 -2.07 -3.34	62.19 -2.19 -3.51	61.70 -2.19 -3.03	62.09 -2.79 -4.16	61.41 -3.03 -3.79	86.44 -6.81 0.00	88.87 -6.79 -0.01	91.11 -6.70 -2.05	91.57 -6.33 -1.96	91.26 -7.00 -2.40	90.86 -7.18 -2.28	90.80 -7.19 -2.13	88.87 -8.32 -1.53	91.00 -7.30 -2.25	91.09 -7.49 -2.54	93.08 -7.02 -3.96	88.81 -7.96 -0.91	88.32 -8.04 -0.70	60.47 -3.64 -3.44	61.31 -2.74 -3.13	62.27 -2.43 -3.97
UPPER HUDSON__HYD 24058	102.25 5.23 -33.19	92.02 4.88 -26.15	98.64 4.81 -32.90	94.87 4.76 -29.19	96.30 4.75 -30.69	92.09 4.75 -26.48	101.66 4.61 -36.32	98.50 4.73 -33.11	100.92 7.46 -0.20	169.17 7.93 -65.58	170.48 8.04 -66.68	171.52 8.06 -67.51	186.81 8.05 -82.90	168.80 7.75 -65.29	164.53 7.57 -61.11	153.33 7.74 -49.93	163.06 8.07 -58.94	174.96 8.16 -70.76	162.71 7.98 -58.60	148.75 7.67 -45.22	122.16 7.47 -19.04	116.00 4.74 -50.60	93.08 4.81 -27.34	100.04 4.61 -34.70
UPPER RAQUET__HYD 24056	63.97 -0.32 -0.47	61.11 -0.24 -0.37	61.26 -0.12 -0.46	61.03 -0.30 -0.41	60.99 -0.30 -0.43	60.99 -0.24 -0.37	61.18 -0.06 -0.51	61.12 0.00 -0.47	93.07 -0.19 0.00	95.37 -0.29 0.00	95.47 -0.29 0.00	95.28 -0.67 0.00	95.19 -0.67 0.00	95.28 -0.48 0.00	95.19 -0.67 0.00	94.96 -0.66 0.03	94.49 -1.63 -0.08	94.24 -1.83 -0.03	95.13 -1.83 -0.83	94.88 -1.15 -0.18	95.61 -0.29 -0.24	61.38 0.00 -0.71	60.94 -0.36 -0.39	60.97 -0.24 -0.49
VALLEY44_115KV_TB2 355964	64.34 -4.85 -5.37	60.28 -4.94 -4.23	61.31 -4.93 -5.32	60.71 -4.93 -4.72	60.59 -5.23 -4.97	59.73 -5.42 -4.28	60.41 -6.19 -5.88	59.52 -6.49 -5.36	84.10 -9.14 0.01	88.02 -9.18 -1.55	89.83 -9.10 -3.17	89.76 -9.31 -3.12	91.06 -8.63 -3.83	90.65 -8.43 -3.32	90.04 -8.91 -3.10	90.42 -7.56 -2.32	90.55 -8.55 -3.06	92.36 -7.30 -3.62	91.30 -8.46 -3.62	88.32 -7.67 -0.13	88.14 -7.56 -0.04	57.34 -6.49 -3.17	58.83 -6.52 -4.42	60.33 -6.01 -5.62
VALLEY__115KV_TB 1-4 80826	64.33 0.51 0.00	61.42 0.43 0.00	61.29 0.37 0.00	61.29 0.37 0.00	61.17 0.30 0.00	61.23 0.37 0.00	61.09 0.36 0.00	61.08 0.42 0.00	93.91 0.65 0.00	96.42 0.77 0.00	96.72 0.96 0.00	97.00 1.06 0.00	96.91 1.05 0.00	96.81 1.05 0.00	96.91 1.05 0.00	96.69 1.05 0.02	97.00 0.96 0.00	97.20 1.15 0.00	97.39 1.25 0.00	97.20 1.34 0.00	96.61 0.96 0.00	61.15 0.49 0.00	61.41 0.49 0.00	61.15 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	79.82 4.47 -11.53	74.28 4.21 -9.09	76.50 4.14 -11.43	75.21 4.14 -10.15	75.48 3.96 -10.67	74.08 4.02 -9.20	77.42 4.07 -12.62	76.22 4.06 -11.50	99.55 6.25 -0.04	111.18 6.50 -9.02	115.48 6.80 -12.92	115.53 6.72 -12.86	118.16 6.52 -15.79	115.42 6.51 -13.15	114.58 6.42 -12.31	111.86 6.22 -9.99	115.03 6.24 -12.74	117.02 6.43 -14.54	122.66 6.15 -20.36	113.12 6.33 -10.94	107.92 5.93 -6.33	82.01 3.76 -17.59	74.14 3.72 -9.50	76.37 3.58 -12.06
VISCHER__FERRY HYD 24020	100.15 3.83 -32.50	90.19 3.60 -25.61	96.68 3.53 -32.22	93.04 3.53 -28.59	94.38 3.47 -30.05	90.32 3.53 -25.93	99.69 3.40 -35.56	96.47 3.39 -32.42	98.74 5.31 -0.17	154.13 5.55 -52.93	157.16 5.55 -55.85	157.94 5.56 -56.42	170.80 5.65 -69.29	156.27 5.55 -54.96	152.85 5.56 -51.44	143.23 5.55 -42.03	152.14 5.67 -50.43	161.64 5.76 -59.84	159.19 5.67 -57.38	141.30 5.65 -39.79	119.58 5.55 -18.38	113.80 3.58 -49.56	91.35 3.66 -26.78	98.17 3.46 -33.99
V_A_10_SYNC_DSASP 323832	64.79 -3.19 -4.16	60.97 -3.29 -3.28	61.70 -3.35 -4.12	61.23 -3.35 -3.66	61.06 -3.65 -3.85	60.53 -3.65 -3.32	60.72 -4.56 -4.55	59.83 -4.97 -4.15	83.09 -10.16 0.01	85.24 -10.42 -0.01	87.59 -10.44 -2.27	88.13 -9.98 -2.16	87.39 -11.12 -2.65	86.69 -11.59 -2.52	87.09 -11.12 -2.35	84.94 -12.43 -1.71	87.25 -11.24 -2.44	86.73 -12.10 -2.79	88.81 -11.25 -3.92	84.05 -12.55 -0.75	83.70 -12.53 -0.57	58.07 -6.01 -3.41	59.66 -4.69 -3.43	60.94 -4.13 -4.35
V_CMM_10_SYNC_DSASP 323787	62.87 -0.96 0.00	60.19 -0.79 0.00	60.25 -0.67 0.00	60.13 -0.79 0.00	60.13 -0.73 0.00	60.19 -0.67 0.00	60.18 -0.55 0.00	60.11 -0.55 0.00	92.61 -0.65 0.00	94.89 -0.77 0.00	94.90 -0.86 0.00	94.90 -1.05 0.00	94.90 -0.96 0.00	94.90 -0.86 0.00	94.90 -0.96 0.00	94.88 -0.77 0.01	94.79 -1.25 0.00	94.79 -1.25 0.00	94.89 -1.25 0.00	94.90 -0.96 0.00	95.08 -0.57 0.00	60.12 -0.55 0.00	60.07 -0.85 0.00	60.06 -0.67 0.00
V_CMP_10_SYNC_DSASP 323788	64.02 0.19 0.00	61.17 0.18 0.00	61.17 0.24 0.00	60.98 0.06 0.00	60.92 0.06 0.00	60.98 0.12 0.00	60.36 -0.36 0.00	60.23 -0.42 0.00	92.32 -0.93 0.00	94.51 -1.14 0.00	94.33 -1.43 0.00	94.23 -1.72 0.00	94.22 -1.63 0.00	94.04 -1.72 0.00	93.94 -1.92 0.00	94.02 -1.63 0.01	94.22 -1.83 0.00	94.32 -1.73 0.00	94.70 -1.44 0.00	94.90 -0.96 0.00	95.46 -0.19 0.00	60.48 -0.18 0.00	60.25 -0.67 0.00	60.36 -0.36 0.00
V_D_10_SYNC_DSASP 323841	63.25 -0.58 0.00	60.56 -0.42 0.00	60.56 -0.36 0.00	60.43 -0.49 0.00	60.44 -0.42 0.00	60.50 -0.36 0.00	60.48 -0.24 0.00	60.47 -0.18 0.00	92.98 -0.28 0.00	95.27 -0.38 0.00	95.28 -0.48 0.00	95.28 -0.67 0.00	95.19 -0.67 0.00	95.28 -0.48 0.00	95.19 -0.67 0.00	95.17 -0.48 0.01	95.08 -0.96 0.00	95.08 -0.96 0.00	95.08 -1.06 0.00	95.19 -0.67 0.00	95.46 -0.19 0.00	60.42 -0.24 0.00	60.37 -0.55 0.00	60.36 -0.36 0.00
V_E_10_SYNC_DSASP 323830	77.45 5.17 -8.46	72.53 4.88 -6.67	73.88 4.57 -8.39	72.69 4.33 -7.44	72.64 3.95 -7.82	71.63 4.02 -6.75	73.93 3.94 -9.26	73.03 3.94 -8.44	98.81 5.50 -0.05	105.43 5.55 -4.23	108.85 6.13 -6.95	109.16 6.33 -6.88	110.43 6.14 -8.44	109.24 6.32 -7.16	108.88 6.32 -6.70	107.28 6.21 -5.41	111.03 6.92 -8.06	111.92 7.59 -8.29	124.91 6.63 -22.15	113.43 6.42 -11.15	109.34 5.64 -8.05	82.95 3.21 -19.07	70.94 3.04 -6.97	72.67 3.10 -8.85
V_F_30_NSYNC__DSASP 323816	101.45 4.53 -33.09	91.33 4.27 -26.07	97.93 4.20 -32.81	94.18 4.14 -29.11	95.60 4.14 -30.60	91.40 4.14 -26.40	100.94 4.01 -36.21	97.73 4.06 -33.01	99.80 6.34 -0.20	166.33 6.69 -63.99	167.77 6.70 -65.31	168.87 6.81 -66.11	183.94 6.91 -81.18	166.44 6.70 -63.98	162.35 6.61 -59.89	151.28 6.69 -48.93	160.83 6.92 -57.87	172.43 7.01 -69.38	161.49 6.93 -58.43	147.09 6.71 -44.53	121.20 6.60 -18.95	115.25 4.13 -50.46	92.45 4.26 -27.26	99.34 4.01 -34.60

V_F_30_SYNC_DSASP 323786	99.31 3.13 -32.36	89.41 2.93 -25.50	95.87 2.86 -32.08	92.25 2.86 -28.46	93.64 2.86 -29.92	89.54 2.86 -25.82	98.87 2.73 -35.41	95.60 2.67 -32.28	97.60 4.20 -0.14	142.17 4.30 -42.21	146.60 4.12 -46.72	147.25 4.22 -47.07	157.78 4.12 -57.80	146.22 4.21 -46.25	143.46 4.31 -43.29	135.13 4.11 -35.37	143.23 3.84 -43.34	150.45 3.75 -50.66	156.82 3.56 -57.13	135.16 3.93 -35.37	117.82 4.11 -18.05	112.61 2.61 -49.34	90.26 2.68 -26.66	97.29 2.73 -33.83
V_XM_10_SYNC_DSASP 323789	64.02 0.19 0.00	61.17 0.18 0.00	61.17 0.24 0.00	60.98 0.06 0.00	60.92 0.06 0.00	60.98 0.12 0.00	60.36 -0.36 0.00	60.23 -0.42 0.00	92.32 -0.93 0.00	94.51 -1.14 0.00	94.33 -1.43 0.00	94.23 -1.72 0.00	94.22 -1.63 0.00	94.04 -1.72 0.00	93.94 -1.92 0.00	94.02 -1.63 0.01	94.22 -1.83 0.00	94.32 -1.73 0.00	94.70 -1.44 0.00	94.90 -0.96 0.00	95.46 -0.19 0.00	60.48 -0.18 0.00	60.25 -0.67 0.00	60.36 -0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	92.88 3.70 -25.36	84.51 3.54 -19.98	89.41 3.35 -25.14	86.64 3.41 -22.31	87.66 3.35 -23.45	84.44 3.35 -20.23	91.81 3.34 -27.75	89.41 3.46 -25.30	98.71 5.41 -0.05	107.19 5.64 -5.89	115.18 5.65 -13.77	115.09 5.66 -13.48	118.33 5.94 -16.54	116.11 5.84 -14.51	115.28 5.85 -13.58	112.67 5.93 -11.08	118.52 6.15 -16.33	119.10 6.24 -16.81	147.26 6.35 -44.77	118.83 6.13 -16.84	115.18 6.03 -13.50	103.27 3.94 -38.67	85.83 4.02 -20.89	90.83 3.58 -26.52
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	94.50 4.40 -26.28	85.90 4.21 -20.71	90.94 3.96 -26.05	88.06 4.02 -23.12	89.18 4.02 -24.30	85.78 3.96 -20.97	93.37 3.89 -28.75	90.99 4.12 -26.21	99.74 6.43 -0.05	108.67 6.89 -6.12	116.94 6.89 -14.28	116.94 7.00 -13.98	120.29 7.28 -17.15	117.89 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.56 7.59 -16.93	121.06 7.59 -17.43	150.23 7.69 -46.40	120.78 7.48 -17.45	117.01 7.37 -13.99	105.46 4.73 -40.07	87.38 4.81 -21.65	92.45 4.25 -27.48
W50THST__13_KV_LOAD 356117	94.50 4.40 -26.28	85.96 4.27 -20.71	91.00 4.02 -26.05	88.06 4.02 -23.12	89.24 4.08 -24.30	85.84 4.02 -20.97	93.43 3.95 -28.75	90.99 4.12 -26.21	99.83 6.53 -0.05	108.76 6.98 -6.12	117.03 6.99 -14.28	117.03 7.10 -13.98	120.29 7.28 -17.15	117.99 7.18 -15.05	117.23 7.28 -14.09	114.42 7.27 -11.49	120.56 7.59 -16.93	121.16 7.68 -17.43	150.32 7.79 -46.40	120.88 7.57 -17.45	117.01 7.37 -13.99	105.53 4.79 -40.07	87.38 4.81 -21.65	92.52 4.31 -27.48
WADING RIVER_IC_1 23522	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.88 5.72 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.11 5.64 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.17 8.80 -48.60	153.50 9.30 -48.25	152.40 9.11 -47.43	150.48 9.29 -45.44	149.56 9.40 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.70 9.89 -48.76	256.98 9.71 -151.13	150.23 9.78 -44.59	147.88 9.47 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.97 5.77 -27.47
WADING RIVER_IC_2 23547	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.88 5.72 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.11 5.64 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.17 8.80 -48.60	153.50 9.30 -48.25	152.40 9.11 -47.43	150.48 9.29 -45.44	149.56 9.40 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.70 9.89 -48.76	256.98 9.71 -151.13	150.23 9.78 -44.59	147.88 9.47 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.97 5.77 -27.47
WADING RIVER_IC_3 23601	136.11 6.38 -65.91	121.38 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.88 5.72 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.11 5.64 -33.82	126.30 8.95 -24.09	145.68 9.09 -40.94	153.17 8.80 -48.60	153.50 9.30 -48.25	152.40 9.11 -47.43	150.48 9.29 -45.44	149.56 9.40 -44.31	152.68 9.56 -47.46	150.87 9.89 -44.93	154.70 9.89 -48.76	256.98 9.71 -151.13	150.23 9.78 -44.59	147.88 9.47 -42.76	145.01 6.25 -78.09	118.85 6.28 -51.66	93.97 5.77 -27.47
WALDENNY_12_KV_BK2 80841	64.98 -3.70 -4.86	60.97 -3.84 -3.83	61.90 -3.84 -4.82	61.30 -3.90 -4.27	61.16 -4.20 -4.49	60.42 -4.32 -3.88	60.70 -5.34 -5.32	59.74 -5.76 -4.85	82.90 -10.35 0.01	85.33 -10.33 -0.01	88.10 -10.34 -2.68	88.43 -10.07 -2.56	88.45 -10.54 -3.14	88.20 -10.53 -2.98	87.91 -10.74 -2.79	86.43 -11.29 -2.07	87.89 -10.95 -2.80	88.65 -10.66 -3.27	89.14 -10.77 -3.76	85.14 -11.12 -0.41	84.93 -11.00 -0.28	57.64 -6.31 -3.29	59.38 -5.54 -4.00	60.95 -4.86 -5.08
WALDEN__HYDRO 24148	92.87 3.57 -25.47	84.53 3.48 -20.07	89.52 3.35 -25.25	86.68 3.35 -22.40	87.76 3.35 -23.55	84.53 3.35 -20.32	91.88 3.28 -27.87	89.46 3.40 -25.41	98.52 5.22 -0.05	107.24 5.45 -6.14	115.14 5.36 -14.01	115.15 5.47 -13.73	118.35 5.66 -16.84	116.06 5.55 -14.75	115.32 5.66 -13.81	112.66 5.74 -11.26	118.54 5.95 -16.54	119.16 6.05 -17.07	147.26 6.15 -44.97	118.70 5.85 -17.00	114.96 5.74 -13.56	103.26 3.76 -38.83	85.74 3.84 -20.98	90.82 3.46 -26.63
WARRENSBURG____ 23737	102.25 5.23 -33.19	92.02 4.88 -26.15	98.64 4.81 -32.90	94.87 4.76 -29.19	96.30 4.75 -30.69	92.09 4.75 -26.48	101.66 4.61 -36.32	98.50 4.73 -33.11	100.92 7.46 -0.20	169.17 7.93 -65.58	170.48 8.04 -66.68	171.52 8.06 -67.51	186.81 8.05 -82.90	168.80 7.75 -65.29	164.53 7.57 -61.11	153.33 7.74 -49.93	163.06 8.07 -58.94	174.96 8.16 -70.76	162.71 7.98 -58.60	148.75 7.67 -45.22	122.16 7.47 -19.04	116.00 4.74 -50.60	93.08 4.81 -27.34	100.04 4.61 -34.70
WATERSIDE____6 8 9 23538	93.77 4.47 -25.48	84.13 4.33 -18.81	89.88 4.08 -24.87	88.06 4.02 -23.11	89.05 3.90 -24.30	85.72 3.90 -20.96	92.59 3.95 -27.92	89.88 4.19 -25.04	99.43 6.53 0.35	108.38 6.60 -6.13	116.65 6.61 -14.28	116.65 6.72 -13.99	120.01 7.00 -17.16	117.61 6.80 -15.05	116.94 7.00 -14.09	114.13 6.98 -11.49	120.37 7.40 -16.93	120.97 7.49 -17.43	150.14 7.60 -46.40	120.69 7.38 -17.46	116.92 7.27 -13.99	105.52 4.79 -40.07	85.99 4.93 -20.13	91.36 4.37 -26.26
WATKINRD_115KV_LN8_ILLION 55919	64.53 0.70 0.00	61.60 0.61 0.00	61.47 0.55 0.00	61.47 0.55 0.00	61.41 0.55 0.00	61.41 0.55 0.00	61.33 0.61 0.00	61.26 0.61 0.00	94.19 0.93 0.00	96.71 1.05 0.00	96.91 1.15 0.00	97.10 1.15 0.00	97.10 1.25 0.00	97.00 1.24 0.00	97.10 1.25 0.00	96.79 1.15 0.02	97.20 1.15 0.00	97.29 1.25 0.00	97.39 1.25 0.00	97.20 1.34 0.00	96.80 1.15 0.00	61.33 0.67 0.00	61.59 0.67 0.00	61.33 0.61 0.00
WATSON____69_KV_BK 1 55734	137.01 7.28 -65.91	122.23 6.89 -54.35	115.37 6.64 -47.81	113.57 6.64 -46.01	91.73 6.57 -24.30	96.28 6.57 -28.85	95.79 6.32 -28.75	101.02 6.55 -33.82	127.60 10.26 -24.09	147.40 10.81 -40.94	155.09 10.73 -48.60	154.63 10.46 -48.22	154.21 10.93 -47.43	152.02 10.82 -45.43	151.09 10.93 -44.31	153.81 10.71 -47.44	151.99 11.05 -44.90	153.94 9.22 -48.68	197.91 9.13 -92.64	151.44 11.02 -44.56	149.51 11.10 -42.76	145.92 7.16 -78.09	119.83 7.25 -51.66	94.82 6.62 -27.47
WDELAWARE__HYD 323627	91.50 3.70 -23.98	83.48 3.60 -18.89	88.11 3.41 -23.77	85.49 3.47 -21.09	86.50 3.47 -22.17	83.52 3.53 -19.13	90.49 3.52 -26.24	88.15 3.58 -23.92	98.80 5.50 -0.05	107.82 5.64 -6.53	115.15 5.55 -13.83	115.00 5.47 -13.58	118.17 5.65 -16.66	115.81 5.55 -14.50	115.08 5.65 -13.57	112.46 5.74 -11.07	118.17 6.05 -16.07	118.99 6.24 -16.71	144.92 6.44 -42.34	118.11 5.95 -16.31	114.28 5.84 -12.79	100.99 3.76 -36.56	84.58 3.90 -19.75	89.26 3.46 -25.07

WEST BABYLON___IC 23714	136.24 6.51 -65.91	121.56 6.22 -54.35	114.70 5.97 -47.81	112.90 5.97 -46.01	91.06 5.90 -24.30	95.61 5.90 -28.85	95.18 5.71 -28.75	100.42 5.94 -33.82	126.67 9.33 -24.09	146.35 9.76 -40.94	154.03 9.67 -48.60	153.75 9.59 -48.21	153.16 9.87 -47.43	150.96 9.77 -45.43	150.03 9.87 -44.31	152.93 9.85 -47.43	151.12 10.18 -44.89	154.20 9.51 -48.64	174.22 9.52 -68.57	150.57 10.16 -44.55	148.45 10.04 -42.76	145.25 6.49 -78.09	119.16 6.58 -51.66	94.21 6.01 -27.47
WEST CANADA___HYD 24049	64.53 0.70 0.00	61.60 0.61 0.00	61.53 0.61 0.00	61.53 0.61 0.00	61.47 0.61 0.00	61.47 0.61 0.00	61.33 0.61 0.00	61.26 0.61 0.00	94.09 0.84 0.00	96.61 0.96 0.00	96.72 0.96 0.00	96.91 0.96 0.00	96.81 0.96 0.00	96.72 0.96 0.00	96.81 0.96 0.00	96.59 0.96 0.02	97.10 1.06 0.00	97.10 1.06 0.00	97.20 1.06 0.00	96.81 0.96 0.00	96.61 0.96 0.00	61.27 0.61 0.00	61.59 0.67 0.00	61.33 0.61 0.00
WESTERN_NY_WIND 24143	65.96 -2.17 -4.31	61.88 -2.50 -3.39	62.63 -2.56 -4.27	62.09 -2.62 -3.79	61.98 -2.86 -3.98	61.44 -2.86 -3.44	61.61 -3.83 -4.71	60.71 -4.25 -4.30	84.58 -8.67 0.01	86.96 -8.70 -0.01	89.21 -8.91 -2.35	89.65 -8.54 -2.24	89.31 -9.30 -2.75	88.99 -9.38 -2.61	88.81 -9.49 -2.45	86.92 -10.52 -1.79	89.15 -9.41 -2.51	89.61 -9.32 -2.89	91.56 -8.46 -3.88	87.04 -9.49 -0.68	86.60 -9.57 -0.51	59.61 -4.43 -3.38	60.69 -3.78 -3.55	62.01 -3.22 -4.50
WESTOVER___LESR 323668	72.45 -0.13 -8.75	67.70 -0.18 -6.89	69.29 -0.30 -8.67	68.31 -0.30 -7.70	68.47 -0.49 -8.09	67.36 -0.49 -6.98	69.57 -0.73 -9.57	68.60 -0.79 -8.73	91.68 -1.59 -0.01	96.94 -1.53 -2.81	99.89 -1.44 -5.56	100.18 -1.25 -5.47	101.23 -1.34 -6.72	100.22 -1.34 -5.81	99.95 -1.34 -5.43	98.52 -1.43 -4.30	100.82 -1.25 -6.03	101.55 -1.06 -6.56	107.94 -1.15 -12.95	99.30 -1.25 -4.70	97.79 -1.34 -3.48	70.96 -0.91 -11.20	67.40 -0.73 -7.21	69.15 -0.73 -9.15
WETHRSFD_WT_PWR 323626	66.15 -3.06 -5.39	62.06 -3.17 -4.24	63.03 -3.23 -5.34	62.37 -3.29 -4.74	62.25 -3.59 -4.98	61.39 -3.77 -4.30	61.95 -4.67 -5.89	61.00 -5.03 -5.37	84.11 -9.14 0.01	87.74 -9.47 -1.55	89.46 -9.48 -3.18	89.96 -9.12 -3.13	90.31 -9.39 -3.84	89.71 -9.38 -3.33	89.58 -9.39 -3.11	88.22 -9.76 -2.33	89.25 -9.80 -3.00	89.66 -9.99 -3.61	88.93 -10.19 -2.99	85.05 -10.54 0.26	85.05 -10.33 0.27	57.29 -6.01 -2.63	60.00 -5.36 -4.44	61.38 -4.98 -5.63
WHAVSTOR_138KV_BK127 55557	92.66 3.45 -25.39	84.35 3.35 -20.00	89.26 3.17 -25.17	86.48 3.23 -22.33	87.50 3.16 -23.48	84.28 3.16 -20.25	91.60 3.10 -27.78	89.26 3.28 -25.32	98.43 5.13 -0.05	106.81 5.26 -5.90	114.81 5.27 -13.79	114.82 5.37 -13.50	117.97 5.56 -16.56	115.75 5.46 -14.53	115.01 5.56 -13.60	112.39 5.64 -11.09	118.25 5.86 -16.35	118.73 5.86 -16.83	146.92 5.96 -44.82	118.56 5.85 -16.86	114.81 5.64 -13.52	103.08 3.70 -38.71	85.68 3.84 -20.91	90.61 3.34 -26.55
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	92.66 3.45 -25.39	84.35 3.35 -20.00	89.26 3.17 -25.17	86.48 3.23 -22.33	87.50 3.16 -23.48	84.28 3.16 -20.25	91.60 3.10 -27.78	89.26 3.28 -25.32	98.43 5.13 -0.05	106.81 5.26 -5.90	114.81 5.27 -13.79	114.82 5.37 -13.50	117.97 5.56 -16.56	115.75 5.46 -14.53	115.01 5.56 -13.60	112.39 5.64 -11.09	118.25 5.86 -16.35	118.73 5.86 -16.83	146.92 5.96 -44.82	118.56 5.85 -16.86	114.81 5.64 -13.52	103.08 3.70 -38.71	85.68 3.84 -20.91	90.61 3.34 -26.55
WHITEHAL_115KV_TB1 80871	102.20 5.23 -33.15	91.86 4.76 -26.12	98.54 4.75 -32.86	94.71 4.63 -29.16	96.14 4.63 -30.65	92.00 4.69 -26.45	101.55 4.55 -36.27	98.39 4.67 -33.07	101.11 7.65 -0.20	168.52 7.94 -64.92	170.01 8.14 -66.11	171.03 8.16 -66.92	186.19 8.15 -82.19	168.36 7.85 -64.75	164.12 7.67 -60.60	153.02 7.84 -49.52	162.90 8.36 -58.50	174.78 8.55 -70.19	163.03 8.36 -58.53	148.74 7.96 -44.93	122.31 7.65 -19.01	115.88 4.67 -50.54	92.98 4.75 -27.31	99.88 4.49 -34.66
WHITEPLN_13_KV_LOAD 356215	94.45 4.40 -26.22	85.86 4.21 -20.66	90.94 4.02 -26.00	88.07 4.08 -23.07	89.19 4.08 -24.25	85.80 4.02 -20.92	93.37 3.95 -28.70	90.94 4.12 -26.16	99.83 6.53 -0.05	108.56 6.79 -6.11	116.81 6.80 -14.26	116.91 7.00 -13.96	120.17 7.19 -17.12	117.87 7.09 -15.02	117.01 7.09 -14.06	114.30 7.17 -11.47	120.43 7.49 -16.90	120.93 7.49 -17.40	150.13 7.69 -46.30	120.75 7.48 -17.42	116.79 7.17 -13.96	105.32 4.67 -39.99	87.34 4.81 -21.60	92.40 4.25 -27.42
WM_FLOYD_69_KV_BK2 356380	136.11 6.38 -65.91	121.37 6.04 -54.35	114.52 5.79 -47.81	112.78 5.85 -46.01	90.88 5.72 -24.30	95.43 5.72 -28.85	94.88 5.40 -28.75	100.17 5.70 -33.82	126.30 8.95 -24.09	145.77 9.18 -40.94	153.36 9.00 -48.60	153.50 9.31 -48.24	152.49 9.20 -47.43	150.48 9.29 -45.43	149.55 9.39 -44.31	152.78 9.66 -47.46	150.87 9.89 -44.93	154.60 9.80 -48.76	255.88 9.81 -149.93	150.22 9.78 -44.59	147.98 9.57 -42.76	145.01 6.25 -78.09	118.91 6.34 -51.66	93.97 5.77 -27.47
WOODARD__115KV_TB2 355635	65.76 -1.02 -2.96	62.28 -1.04 -2.33	62.70 -1.16 -2.93	62.37 -1.16 -2.60	62.32 -1.28 -2.73	62.00 -1.22 -2.36	62.63 -1.34 -3.24	62.27 -1.33 -2.95	90.55 -2.70 0.00	92.98 -2.68 0.00	93.27 -2.49 0.00	93.74 -2.21 0.00	93.36 -2.49 0.00	93.27 -2.49 0.00	93.36 -2.49 0.00	92.70 -2.77 0.18	94.08 -2.50 -0.53	93.73 -2.50 -0.18	98.86 -2.50 -5.22	94.29 -2.68 -1.12	94.40 -2.77 -1.52	63.66 -1.52 -4.51	62.02 -1.34 -2.44	62.54 -1.28 -3.09
YORK___WARBASSE 23770	100.66 4.85 -31.99	99.67 4.64 -34.05	99.67 4.39 -34.36	88.24 4.14 -23.18	89.24 4.02 -24.36	85.84 3.96 -21.02	99.55 4.19 -34.63	99.54 4.43 -34.46	103.10 6.99 -2.85	108.76 6.98 -6.13	116.84 6.80 -14.28	116.84 6.91 -13.99	120.30 7.28 -17.16	117.90 7.09 -15.05	117.13 7.19 -14.09	114.42 7.27 -11.49	120.66 7.68 -16.93	121.35 7.88 -17.43	150.52 7.98 -46.40	121.17 7.86 -17.46	117.30 7.65 -13.99	105.83 5.04 -40.13	103.37 5.24 -37.21	101.48 4.68 -36.08