

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion									
Generator Data		12/24/2024																							
Name	PTID	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
		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1 24138		116.80	105.35	104.00	101.73	106.81	108.16	127.59	139.25	138.97	144.68	111.34	104.62	100.25	97.01	91.50	94.12	103.61	115.94	107.56	100.38	95.65	88.65	79.76	79.91
		4.75	4.51	4.85	4.63	5.34	5.86	6.75	6.16	6.62	8.39	8.80	8.13	7.65	7.52	7.24	8.16	7.93	8.90	8.19	6.98	6.42	6.43	6.38	5.99
		-56.14	-45.91	-35.27	-36.15	-29.33	-27.22	-39.47	-60.60	-57.92	-44.12	-2.60	-4.13	-5.66	-2.99	-4.64	-0.16	-7.64	-4.67	-6.29	-14.89	-16.30	-9.14	0.00	0.00
74TH STREET_GT_1 24260		116.75	105.30	103.94	101.68	106.81	108.08	127.60	139.12	138.91	144.50	111.14	104.52	100.07	96.93	91.34	93.86	103.69	116.26	107.66	100.46	95.72	88.79	79.76	79.91
		4.70	4.45	4.79	4.57	5.34	5.78	6.75	6.02	6.55	8.20	8.60	8.03	7.48	7.44	7.09	7.89	8.01	9.21	8.28	7.07	6.49	6.58	6.38	5.99
		-56.15	-45.91	-35.27	-36.15	-29.34	-27.23	-39.47	-60.61	-57.93	-44.12	-2.60	-4.13	-5.66	-3.00	-4.64	-0.16	-7.65	-4.67	-6.29	-14.89	-16.30	-9.14	0.00	0.00
74TH STREET_GT_2 24261		116.75	105.30	103.94	101.68	106.81	108.08	127.60	139.12	138.91	144.50	111.14	104.52	100.07	96.93	91.34	93.86	103.69	116.26	107.66	100.46	95.72	88.79	79.76	79.91
		4.70	4.45	4.79	4.57	5.34	5.78	6.75	6.02	6.55	8.20	8.60	8.03	7.48	7.44	7.09	7.89	8.01	9.21	8.28	7.07	6.49	6.58	6.38	5.99
		-56.15	-45.91	-35.27	-36.15	-29.34	-27.23	-39.47	-60.61	-57.93	-44.12	-2.60	-4.13	-5.66	-3.00	-4.64	-0.16	-7.65	-4.67	-6.29	-14.89	-16.30	-9.14	0.00	0.00
ADK HUDSON___FALLS 24011		130.44	117.35	113.30	111.07	114.50	115.00	137.50	155.04	154.33	155.79	110.68	104.21	100.02	96.13	90.98	92.11	104.18	116.14	108.13	103.34	99.24	89.92	78.30	78.58
		2.57	3.57	4.22	3.78	4.76	5.03	5.53	4.78	5.58	7.01	7.40	6.56	5.82	5.80	5.41	6.09	6.34	7.78	6.98	5.73	5.40	5.12	4.92	4.66
		-71.97	-58.85	-45.21	-46.34	-37.60	-34.90	-50.59	-77.76	-74.32	-56.61	-3.34	-5.30	-7.26	-3.84	-5.96	-0.21	-9.81	-6.00	-8.07	-19.10	-20.91	-11.73	0.00	0.00
ADK RESOURCE___RCVRY 23798		130.55	117.56	113.46	111.29	114.67	115.17	137.78	155.30	154.76	156.20	111.09	104.67	100.38	96.39	91.22	92.36	104.54	116.66	108.61	103.67	99.55	90.22	78.51	78.73
		2.63	3.74	4.35	3.96	4.91	5.18	5.78	5.00	5.96	7.38	7.80	7.02	6.17	6.05	5.65	6.35	6.69	8.29	7.45	6.05	5.69	5.41	5.13	4.80
		-72.02	-58.89	-45.24	-46.37	-37.63	-34.92	-50.63	-77.81	-74.37	-56.65	-3.34	-5.30	-7.26	-3.84	-5.96	-0.21	-9.82	-6.00	-8.08	-19.12	-20.93	-11.74	0.00	0.00
ADK S GLENS___FALLS 24028		130.44	117.35	113.30	111.07	114.50	115.00	137.50	155.04	154.33	155.79	110.68	104.21	100.02	96.13	90.98	92.11	104.18	116.14	108.13	103.34	99.24	89.92	78.30	78.58
		2.57	3.57	4.22	3.78	4.76	5.03	5.53	4.78	5.58	7.01	7.40	6.56	5.82	5.80	5.41	6.09	6.34	7.78	6.98	5.73	5.40	5.12	4.92	4.66
		-71.97	-58.85	-45.21	-46.34	-37.60	-34.90	-50.59	-77.76	-74.32	-56.61	-3.34	-5.30	-7.26	-3.84	-5.96	-0.21	-9.81	-6.00	-8.07	-19.10	-20.91	-11.73	0.00	0.00
ADK_NYS___DAM 23527		129.09	115.41	111.81	109.83	113.44	114.05	135.76	152.39	151.15	153.02	109.96	103.46	99.51	95.74	90.77	91.84	103.30	115.01	107.10	102.18	97.90	89.35	78.51	78.73
		3.80	3.74	4.35	4.20	5.05	5.33	5.61	4.93	5.06	6.27	6.80	6.00	5.57	5.54	5.42	5.84	5.81	6.86	6.24	5.26	4.81	4.97	5.13	4.80
		-69.39	-56.73	-43.58	-44.68	-36.25	-33.65	-48.78	-74.97	-71.66	-54.58	-3.22	-5.11	-7.00	-3.70	-5.74	-0.20	-9.46	-5.78	-7.78	-18.42	-20.16	-11.31	0.00	0.00
AIR_PRODUCTS___DRP 24190		128.05	114.26	110.41	108.40	111.63	112.08	133.69	150.59	149.41	150.76	107.08	101.10	97.54	93.85	88.81	89.27	100.72	111.77	104.26	99.86	95.91	87.22	76.17	76.95
		2.35	2.25	2.68	2.50	3.03	3.15	3.25	2.68	2.90	3.69	3.90	3.60	3.56	3.63	3.42	3.26	3.17	3.58	3.35	2.83	2.70	2.78	2.79	3.03
		-69.80	-57.07	-43.84	-44.94	-36.47	-33.85	-49.07	-75.42	-72.08	-54.90	-3.24	-5.14	-7.04	-3.73	-5.78	-0.20	-9.51	-5.81	-7.83	-18.53	-20.28	-11.37	0.00	0.00
AKWESSNE_115KV_BK 355683		55.68	54.94	63.88	61.08	72.21	74.93	81.13	72.20	74.05	91.53	99.35	91.80	86.33	85.89	78.81	84.78	87.24	101.45	92.34	77.88	72.42	72.49	72.72	73.63
		-0.22	0.00	0.00	0.12	0.07	-0.15	-0.24	-0.29	-0.37	-0.65	-0.60	-0.55	-0.61	-0.61	-0.80	-1.03	-0.79	-0.92	-0.74	-0.63	-0.51	-0.58	-0.66	-0.30
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833		127.15	113.59	110.04	107.93	111.39	111.82	133.20	149.56	148.53	150.11	107.42	101.28	97.50	93.87	88.78	89.87	101.16	112.89	104.96	100.23	96.19	87.60	76.90	77.47
		2.74	2.64	3.13	2.87	3.46	3.53	3.67	3.04	3.35	4.05	4.29	3.88	3.65	3.72	3.50	3.86	3.78	4.81	4.19	3.54	3.36	3.36	3.52	3.55
		-68.51	-56.02	-43.03	-44.11	-35.79	-33.22	-48.16	-74.02	-70.75	-53.89	-3.18	-5.04	-6.91	-3.66	-5.67	-0.20	-9.34	-5.71	-7.68	-18.18	-19.91	-11.16	0.00	0.00
ALBANY_2_SOLAR 323834		127.10	113.60	110.05	107.94	111.40	111.83	133.20	149.57	148.54	150.12	107.42	101.28	97.50	93.87	88.78	89.87	101.16	112.89	104.96	100.14	96.19	87.60	76.90	77.47
		2.68	2.64	3.13	2.87	3.46	3.53	3.67	3.04	3.35	4.05	4.29	3.88	3.65	3.72	3.50	3.86	3.78	4.81	4.19	3.45	3.36	3.36	3.52	3.55
		-68.52	-56.02	-43.04	-44.12	-35.80	-33.22	-48.16	-74.03	-70.76	-53.89	-3.18	-5.04	-6.91	-3.66	-5.67	-0.20	-9.34	-5.71	-7.68	-18.19	-19.91	-11.16	0.00	0.00
ALBANY___1 23571		128.05	114.26	110.41	108.40	111.63	112.08	133.69	150.59	149.41	150.76	107.08	101.10	97.54	93.85	88.81	89.27	100.72	111.77	104.26	99.86	95.91	87.22	76.17	76.95
		2.35	2.25	2.68	2.50	3.03	3.15	3.25	2.68	2.90	3.69	3.90	3.60	3.56	3.63	3.42	3.26	3.17	3.58	3.35	2.83	2.70	2.78	2.79	3.03
		-69.80	-57.07	-43.84	-44.94	-36.47	-33.85	-49.07	-75.42	-72.08	-54.90	-3.24	-5.14	-7.04	-3.73	-5.78	-0.20	-9.51	-5.81	-7.83	-18.53	-20.28	-11.37	0.00	0.00

ALBANY___2 23572	128.05 2.35 -69.80	114.26 2.25 -57.07	110.41 2.68 -43.84	108.40 2.50 -44.94	111.63 3.03 -36.47	112.08 3.15 -33.85	133.69 3.25 -49.07	150.59 2.68 -75.42	149.41 2.90 -72.08	150.76 3.69 -54.90	107.08 3.90 -3.24	101.10 3.60 -5.14	97.54 3.56 -7.04	93.85 3.63 -3.73	88.81 3.42 -5.78	89.27 3.26 -0.20	100.72 3.17 -9.51	111.77 3.58 -5.81	104.26 3.35 -7.83	99.86 2.83 -18.53	95.91 2.70 -20.28	87.22 2.78 -11.37	76.17 2.79 0.00	76.95 3.03 0.00
ALBANY___3 23573	128.05 2.35 -69.80	114.26 2.25 -57.07	110.41 2.68 -43.84	108.40 2.50 -44.94	111.63 3.03 -36.47	112.08 3.15 -33.85	133.69 3.25 -49.07	150.59 2.68 -75.42	149.41 2.90 -72.08	150.76 3.69 -54.90	107.08 3.90 -3.24	101.10 3.60 -5.14	97.54 3.56 -7.04	93.85 3.63 -3.73	88.81 3.42 -5.78	89.27 3.26 -0.20	100.72 3.17 -9.51	111.77 3.58 -5.81	104.26 3.35 -7.83	99.86 2.83 -18.53	95.91 2.70 -20.28	87.22 2.78 -11.37	76.17 2.79 0.00	76.95 3.03 0.00
ALBANY___4 23574	128.05 2.35 -69.80	114.26 2.25 -57.07	110.41 2.68 -43.84	108.40 2.50 -44.94	111.63 3.03 -36.47	112.08 3.15 -33.85	133.69 3.25 -49.07	150.59 2.68 -75.42	149.41 2.90 -72.08	150.76 3.69 -54.90	107.08 3.90 -3.24	101.10 3.60 -5.14	97.54 3.56 -7.04	93.85 3.63 -3.73	88.81 3.42 -5.78	89.27 3.26 -0.20	100.72 3.17 -9.51	111.77 3.58 -5.81	104.26 3.35 -7.83	99.86 2.83 -18.53	95.91 2.70 -20.28	87.22 2.78 -11.37	76.17 2.79 0.00	76.95 3.03 0.00
ALBANY___LFGE 323615	128.99 2.68 -70.40	115.14 2.64 -57.56	111.17 3.07 -44.22	109.15 2.87 -45.33	112.38 3.46 -36.78	112.82 3.60 -34.14	134.61 3.75 -49.49	151.68 3.12 -76.07	150.63 3.50 -72.71	151.97 4.42 -55.38	108.01 4.80 -3.26	101.88 4.34 -5.18	98.21 4.17 -7.10	94.49 4.24 -3.76	89.49 4.06 -5.83	90.04 4.03 -0.20	101.60 3.97 -9.60	112.95 4.71 -5.86	105.17 4.19 -7.90	100.64 3.45 -18.69	96.67 3.28 -20.46	87.91 3.36 -11.47	76.68 3.31 0.00	77.40 3.48 0.00
ALCOA_PA_115KV_PL-6C 55860	55.74 -0.17 0.00	55.05 0.11 0.00	63.94 0.06 0.00	61.20 0.24 0.00	72.35 0.22 0.00	75.00 -0.08 0.00	81.21 -0.16 0.00	72.27 -0.22 0.00	74.13 -0.30 0.00	91.53 -0.65 0.00	99.35 -0.60 0.00	91.89 -0.46 0.00	86.42 -0.52 0.00	85.97 -0.52 0.00	78.89 -0.72 0.00	84.78 -1.03 0.00	87.33 -0.70 0.00	101.55 -0.82 0.00	92.43 -0.65 0.00	77.88 -0.63 0.00	72.42 -0.51 0.00	72.56 -0.51 0.00	72.79 -0.59 0.00	73.70 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	55.74 -0.17 0.00	55.05 0.11 0.00	63.94 0.06 0.00	61.20 0.24 0.00	72.35 0.22 0.00	75.00 -0.08 0.00	81.21 -0.16 0.00	72.27 -0.22 0.00	74.13 -0.30 0.00	91.53 -0.65 0.00	99.35 -0.60 0.00	91.89 -0.46 0.00	86.42 -0.52 0.00	85.97 -0.52 0.00	78.89 -0.72 0.00	84.78 -1.03 0.00	87.33 -0.70 0.00	101.55 -0.82 0.00	92.43 -0.65 0.00	77.88 -0.63 0.00	72.42 -0.51 0.00	72.56 -0.51 0.00	72.79 -0.59 0.00	73.70 -0.22 0.00
ALCOA___DSASP 323711	55.68 -0.22 0.00	54.99 0.05 0.00	63.94 0.06 0.00	61.20 0.24 0.00	72.21 0.07 0.00	75.00 -0.07 0.00	81.21 -0.16 0.00	72.28 -0.22 0.00	74.13 -0.30 0.00	91.53 -0.64 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.42 -0.52 0.00	85.98 -0.52 0.00	78.89 -0.72 0.00	84.78 -1.03 0.00	87.33 -0.71 0.00	101.45 -0.92 0.00	92.43 -0.65 0.00	77.87 -0.63 0.00	72.42 -0.51 0.00	72.49 -0.59 0.00	72.79 -0.59 0.00	73.70 -0.22 0.00
ALLEGHENY___COGEN 23514	63.27 -2.51 -9.88	60.33 -2.69 -8.08	66.89 -3.19 -6.21	64.08 -3.23 -6.36	73.76 -3.53 -5.16	76.11 -3.75 -4.79	84.41 -3.90 -6.95	79.41 -3.19 -10.11	79.47 -4.61 -9.66	93.63 -5.90 -7.36	93.58 -6.80 -0.44	86.21 -6.83 -0.69	81.89 -6.00 -0.94	81.11 -5.88 -0.50	75.61 -4.77 -0.78	80.86 -4.98 -0.03	84.47 -4.84 -1.28	98.44 -4.71 -0.78	89.39 -4.74 -1.05	77.22 -3.77 -2.48	72.22 -3.43 -2.72	71.19 -3.43 -1.55	70.08 -3.30 0.00	70.82 -3.10 0.00
ALTAMONT_115KV_TB 2 55880	127.86 2.12 -69.83	114.07 2.03 -57.10	110.17 2.43 -43.86	108.17 2.26 -44.96	111.29 2.67 -36.48	111.71 2.78 -33.86	133.47 3.01 -49.09	150.55 2.61 -75.45	149.29 2.75 -72.12	150.60 3.50 -54.93	106.98 3.80 -3.24	100.92 3.42 -5.14	97.29 3.30 -7.04	93.51 3.29 -3.73	88.49 3.10 -5.78	89.27 3.26 -0.20	100.81 3.26 -9.52	112.08 3.89 -5.82	104.45 3.54 -7.83	100.02 2.98 -18.53	95.99 2.77 -20.29	87.23 2.78 -11.38	76.17 2.79 0.00	76.66 2.74 0.00
ALTONA_WT_PWR 323606	55.96 0.06 0.00	55.32 0.39 0.00	64.58 0.70 0.00	61.87 0.92 0.00	73.14 1.01 0.00	75.98 0.90 0.00	81.86 0.49 0.00	72.93 0.44 0.00	74.80 0.37 0.00	91.62 -0.55 0.00	99.55 -0.40 0.00	91.99 -0.37 0.00	86.51 -0.43 0.00	86.06 -0.43 0.00	78.81 -0.80 0.00	84.78 -1.03 0.00	87.42 -0.61 0.00	101.66 -0.71 0.00	92.71 -0.37 0.00	78.11 -0.39 0.00	72.57 -0.36 0.00	72.57 -0.51 0.00	73.09 -0.29 0.00	74.66 0.74 0.00
AMERICAN_REF_FUEL 24010	59.06 -5.70 -8.85	56.41 -5.77 -7.24	62.80 -6.64 -5.56	60.01 -6.64 -5.70	68.97 -7.79 -4.63	71.19 -8.18 -4.29	77.50 -10.09 -6.22	69.88 -10.15 -7.54	70.61 -11.01 -7.20	84.20 -13.46 -5.49	85.88 -14.39 -0.33	78.93 -13.95 -0.52	74.87 -12.78 -0.71	74.50 -12.37 -0.38	68.97 -11.22 -0.58	74.08 -11.75 -0.03	75.87 -13.12 -0.96	88.31 -14.64 -0.59	79.90 -13.96 -0.79	68.58 -11.78 -1.86	64.38 -10.58 -2.03	64.20 -10.08 -1.21	64.50 -8.88 0.00	66.02 -7.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	61.02 -4.75 -9.86	58.06 -4.94 -8.07	64.65 -5.43 -6.20	62.00 -5.30 -6.35	71.38 -5.91 -5.15	74.15 -5.71 -4.78	81.55 -6.75 -6.93	74.55 -6.67 -8.73	75.55 -7.22 -8.34	89.86 -8.67 -6.35	91.53 -8.80 -0.38	84.00 -8.96 -0.60	79.58 -8.18 -0.82	79.23 -7.70 -0.44	73.28 -7.01 -0.67	79.31 -6.52 -0.03	81.04 -8.10 -1.11	95.26 -7.78 -0.68	85.71 -8.28 -0.91	73.43 -7.22 -2.15	68.64 -6.64 -2.35	67.96 -6.50 -1.39	68.90 -4.48 0.00	70.52 -3.40 0.00
ARTHUR KILL_GT_1 23520	65.73 4.81 -5.02	65.73 4.51 -6.28	65.75 4.85 2.98	65.74 4.57 -0.21	65.78 5.34 11.70	65.79 5.78 15.07	65.81 6.67 22.24	71.94 6.16 6.71	70.85 6.55 10.13	75.34 8.30 25.13	70.31 8.49 38.13	66.90 7.94 33.40	65.73 7.39 28.59	65.81 7.35 28.03	70.80 7.08 15.90	69.79 7.98 23.99	66.81 8.01 29.24	75.45 9.01 35.93	70.85 8.38 30.61	65.87 7.22 19.86	65.78 6.57 13.71	65.85 6.65 13.87	65.78 6.68 14.28	65.78 6.06 14.20
ARTHUR_KILL_2 23512	65.56 4.64 -5.02	65.56 4.34 -6.28	65.56 4.66 2.98	65.56 4.39 -0.21	65.56 5.12 11.70	65.56 5.56 15.07	65.56 6.43 22.24	71.73 5.95 6.71	70.62 6.32 10.13	75.06 8.02 25.13	70.11 8.29 38.13	66.62 7.66 33.40	65.56 7.21 28.59	65.56 7.09 28.03	70.56 6.85 15.90	69.54 7.73 23.99	66.55 7.75 29.24	75.04 8.60 35.93	70.56 8.09 30.61	65.56 6.91 19.86	65.56 6.34 13.71	65.56 6.35 13.87	65.56 6.46 14.28	65.56 5.84 14.20
ARTHUR_KILL_3 23513	65.01 4.08 -5.02	65.01 3.79 -6.29	65.00 4.09 2.97	65.02 3.84 -0.22	64.92 4.47 11.69	64.89 4.88 15.06	64.75 5.61 22.23	70.93 5.15 6.70	69.89 5.58 10.12	74.14 7.10 25.13	69.12 7.29 38.12	65.80 6.83 33.39	64.79 6.43 28.58	64.78 6.31 28.02	69.85 6.13 15.89	68.69 6.87 23.99	65.68 6.87 29.23	74.02 7.58 35.92	69.54 7.07 30.61	64.78 6.13 19.85	64.84 5.62 13.70	64.84 5.63 13.86	64.76 5.65 14.27	64.83 5.10 14.19

ARTHUR_KILL_COGEN 323718	65.73 4.81 -5.02	65.73 4.51 -6.28	65.75 4.85 2.98	65.74 4.57 -0.21	65.78 5.34 11.70	65.79 5.78 15.07	65.81 6.67 22.24	71.94 6.16 6.71	70.85 6.55 10.13	75.34 8.30 25.13	70.31 8.49 38.13	66.90 7.94 33.40	65.73 7.39 28.59	65.81 7.35 28.03	70.80 7.08 15.90	69.79 7.98 23.99	66.81 8.01 29.24	75.45 9.01 35.93	70.85 8.38 30.61	65.87 7.22 19.86	65.78 6.57 13.71	65.85 6.65 13.87	65.78 6.68 14.28	65.78 6.06 14.20
ASHOKAN____ 23654	122.29 3.24 -63.14	109.26 2.69 -51.63	106.67 3.13 -39.66	104.60 2.99 -40.65	108.45 3.32 -32.99	109.67 3.98 -30.62	130.39 4.64 -44.39	144.79 4.13 -68.17	144.42 4.83 -65.16	147.52 5.72 -49.63	108.16 5.29 -2.93	101.53 4.52 -4.65	97.48 4.17 -6.36	94.10 4.24 -3.37	89.05 4.22 -5.22	92.51 6.52 -0.18	102.44 5.81 -8.60	118.07 10.45 -5.26	106.30 6.14 -7.08	100.83 5.57 -16.75	96.15 4.89 -18.33	87.74 4.38 -10.28	80.20 6.83 0.00	80.50 6.58 0.00
ASTORIA_EAST_ENERGY_CC1 323581	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.81 4.69 -36.16	106.96 5.48 -29.35	108.24 5.93 -27.24	127.53 6.67 -39.48	138.98 5.87 -60.62	138.47 6.10 -57.94	144.05 7.74 -44.13	110.64 8.09 -2.60	103.89 7.39 -4.14	99.56 6.96 -5.67	96.33 6.83 -3.00	90.86 6.60 -4.65	93.61 7.63 -0.17	103.09 7.40 -7.65	115.34 8.29 -4.68	107.10 7.72 -6.30	100.07 6.67 -14.90	95.29 6.05 -16.31	88.29 6.06 -9.15	79.47 6.09 -0.01	79.77 5.84 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	116.81 4.75 -56.16	105.31 4.45 -45.92	104.08 4.92 -35.28	101.81 4.69 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.53 6.67 -39.48	138.98 5.87 -60.62	138.47 6.10 -57.94	144.05 7.74 -44.13	110.64 8.09 -2.60	103.89 7.39 -4.14	99.56 6.96 -5.67	96.33 6.83 -3.00	90.95 6.69 -4.65	93.61 7.63 -0.17	103.09 7.40 -7.65	115.34 8.29 -4.68	107.10 7.72 -6.30	100.07 6.67 -14.90	95.29 6.05 -16.31	88.29 6.06 -9.15	79.55 6.16 -0.01	79.85 5.92 -0.01
ASTORIA_GT2_1 24094	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT2_2 24095	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT2_3 24096	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT2_4 24097	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT3_1 24098	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT3_2 24099	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT3_3 24100	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT3_4 24101	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT4_1 24102	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT4_2 24103	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT4_3 24104	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01

ASTORIA_GT4_4 24105	116.76 4.70 -56.16	105.25 4.40 -45.92	104.08 4.92 -35.28	101.87 4.75 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.61 6.75 -39.48	138.98 5.87 -60.62	138.62 6.25 -57.94	144.05 7.74 -44.13	110.64 8.10 -2.60	104.07 7.57 -4.14	99.65 7.04 -5.67	96.50 7.01 -3.00	90.95 6.69 -4.65	93.61 7.64 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.33 5.94 -0.01	79.85 5.91 -0.01
ASTORIA_GT_1 23523	116.87 4.81 -56.16	105.36 4.51 -45.92	104.20 5.05 -35.28	101.93 4.81 -36.16	107.11 5.63 -29.35	108.39 6.08 -27.24	127.69 6.84 -39.48	139.12 6.01 -60.62	138.69 6.32 -57.94	144.23 7.93 -44.13	110.84 8.29 -2.60	104.07 7.57 -4.14	99.74 7.13 -5.67	96.59 7.09 -3.00	91.11 6.85 -4.65	93.78 7.81 -0.17	103.26 7.57 -7.65	115.54 8.49 -4.68	107.39 8.01 -6.30	100.23 6.83 -14.90	95.51 6.27 -16.31	88.51 6.29 -9.15	79.70 6.31 -0.01	80.00 6.06 -0.01
ASTORIA_GT_10 24110	116.76 4.70 -56.16	105.25 4.40 -45.92	104.01 4.85 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.52 6.67 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.38 8.02 -51.18	111.04 8.50 -2.60	120.90 7.85 -20.70	116.47 7.30 -22.22	107.50 7.27 -13.74	107.74 6.93 -21.21	93.70 7.72 -0.17	121.73 7.84 -25.86	125.22 9.01 -13.84	107.48 8.10 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.54 6.50 -17.96	89.77 6.31 -10.08	79.85 5.91 -0.01
ASTORIA_GT_11 24225	116.76 4.70 -56.16	105.25 4.40 -45.92	104.01 4.85 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.52 6.67 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.38 8.02 -51.18	111.04 8.50 -2.60	120.90 7.85 -20.70	116.47 7.30 -22.22	107.50 7.27 -13.74	107.74 6.93 -21.21	93.70 7.72 -0.17	121.73 7.84 -25.86	125.22 9.01 -13.84	107.48 8.10 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.54 6.50 -17.96	89.77 6.31 -10.08	79.85 5.91 -0.01
ASTORIA_GT_12 24226	116.76 4.70 -56.16	105.25 4.40 -45.92	104.01 4.85 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.52 6.67 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.38 8.02 -51.18	111.04 8.50 -2.60	120.90 7.85 -20.70	116.47 7.30 -22.22	107.50 7.27 -13.74	107.74 6.93 -21.21	93.70 7.72 -0.17	121.73 7.84 -25.86	125.22 9.01 -13.84	107.48 8.10 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.54 6.50 -17.96	89.77 6.31 -10.08	79.85 5.91 -0.01
ASTORIA_GT_13 24227	116.76 4.70 -56.16	105.25 4.40 -45.92	104.01 4.85 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.52 6.67 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.38 8.02 -51.18	111.04 8.50 -2.60	120.90 7.85 -20.70	116.47 7.30 -22.22	107.50 7.27 -13.74	107.74 6.93 -21.21	93.70 7.72 -0.17	121.73 7.84 -25.86	125.22 9.01 -13.84	107.48 8.10 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.54 6.50 -17.96	89.77 6.31 -10.08	79.85 5.91 -0.01
ASTORIA_GT_5 24106	116.87 4.81 -56.16	105.36 4.50 -45.92	104.20 5.05 -35.28	101.93 4.82 -36.16	107.11 5.63 -29.35	108.39 6.08 -27.24	127.77 6.92 -39.48	139.13 6.02 -60.62	138.77 6.40 -57.94	144.23 7.93 -44.13	110.84 8.30 -2.60	104.25 7.76 -4.14	99.82 7.22 -5.67	96.68 7.18 -3.00	91.11 6.85 -4.65	93.78 7.81 -0.17	103.35 7.66 -7.65	115.85 8.80 -4.68	107.38 8.00 -6.30	100.23 6.83 -14.90	95.51 6.27 -16.31	88.58 6.36 -9.15	79.48 6.09 -0.01	79.99 6.06 -0.01
ASTORIA_GT_7 24107	116.87 4.81 -56.16	105.36 4.50 -45.92	104.20 5.05 -35.28	101.93 4.82 -36.16	107.11 5.63 -29.35	108.39 6.08 -27.24	127.77 6.92 -39.48	139.13 6.02 -60.62	138.77 6.40 -57.94	144.23 7.93 -44.13	110.84 8.30 -2.60	104.25 7.76 -4.14	99.82 7.22 -5.67	96.68 7.18 -3.00	91.11 6.85 -4.65	93.78 7.81 -0.17	103.35 7.66 -7.65	115.85 8.80 -4.68	107.38 8.00 -6.30	100.23 6.83 -14.90	95.51 6.27 -16.31	88.58 6.36 -9.15	79.48 6.09 -0.01	79.99 6.06 -0.01
ASTORIA_GT_8 24108	116.87 4.81 -56.16	105.36 4.50 -45.92	104.20 5.05 -35.28	101.93 4.82 -36.16	107.11 5.63 -29.35	108.39 6.08 -27.24	127.77 6.92 -39.48	139.13 6.02 -60.62	138.77 6.40 -57.94	144.23 7.93 -44.13	110.84 8.30 -2.60	104.25 7.76 -4.14	99.82 7.22 -5.67	96.68 7.18 -3.00	91.11 6.85 -4.65	93.78 7.81 -0.17	103.35 7.66 -7.65	115.85 8.80 -4.68	107.38 8.00 -6.30	100.23 6.83 -14.90	95.51 6.27 -16.31	88.58 6.36 -9.15	79.48 6.09 -0.01	79.99 6.06 -0.01
ASTORIA___2 24149	116.81 4.75 -56.16	105.31 4.45 -45.92	104.08 4.92 -35.28	101.81 4.69 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.53 6.67 -39.48	138.98 5.87 -60.62	138.54 6.17 -57.94	144.05 7.74 -44.13	110.64 8.09 -2.60	103.89 7.39 -4.14	99.56 6.96 -5.67	96.42 6.92 -3.00	90.95 6.69 -4.65	93.61 7.63 -0.17	103.09 7.40 -7.65	115.34 8.29 -4.68	107.20 7.82 -6.30	100.07 6.67 -14.90	95.36 6.13 -16.31	88.36 6.14 -9.15	79.55 6.16 -0.01	79.85 5.92 -0.01
ASTORIA___3 23516	116.76 4.70 -56.16	105.31 4.45 -45.92	104.01 4.85 -35.28	101.69 4.57 -36.16	106.74 5.26 -29.35	108.09 5.78 -27.24	127.44 6.59 -39.48	139.06 5.95 -60.62	140.00 6.32 -59.25	151.47 8.11 -51.18	110.94 8.40 -2.60	120.81 7.76 -20.70	116.47 7.30 -22.22	107.41 7.17 -13.74	107.74 6.92 -21.21	93.78 7.81 -0.17	121.64 7.75 -25.86	124.91 8.70 -13.84	107.47 8.09 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.47 6.43 -17.96	89.91 6.46 -10.08	79.85 5.92 -0.01
ASTORIA___4 23517	116.76 4.70 -56.16	105.25 4.40 -45.92	103.95 4.79 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.52 6.67 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.38 8.02 -51.18	111.04 8.50 -2.60	120.90 7.85 -20.70	116.47 7.30 -22.22	107.50 7.27 -13.74	107.74 6.93 -21.21	93.70 7.72 -0.17	121.73 7.84 -25.86	125.22 9.01 -13.84	107.48 8.10 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.54 6.50 -17.96	89.77 6.31 -10.08	79.85 5.91 -0.01
ASTORIA___5 23518	116.76 4.70 -56.16	105.31 4.45 -45.92	104.01 4.85 -35.28	101.69 4.57 -36.16	106.74 5.26 -29.35	108.09 5.78 -27.24	127.44 6.59 -39.48	139.06 5.95 -60.62	140.00 6.32 -59.25	151.47 8.11 -51.18	110.94 8.40 -2.60	120.81 7.76 -20.70	116.47 7.30 -22.22	107.41 7.17 -13.74	107.74 6.92 -21.21	93.78 7.81 -0.17	121.64 7.75 -25.86	124.91 8.70 -13.84	107.47 8.09 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.47 6.43 -17.96	89.91 6.46 -10.08	79.85 5.92 -0.01
AST_ENERGY_2_CC3 323677	116.47 4.42 -56.15	105.02 4.17 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.63 5.33 -27.23	126.95 6.11 -39.47	138.68 5.58 -60.61	138.38 6.03 -57.93	143.94 7.65 -44.12	110.35 7.80 -2.60	103.70 7.21 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	90.86 6.60 -4.64	93.35 7.38 -0.16	102.98 7.30 -7.65	115.13 8.09 -4.67	106.91 7.54 -6.29	99.91 6.51 -14.89	95.21 5.98 -16.30	88.28 6.06 -9.14	79.61 6.23 0.00	79.54 5.62 0.00
AST_ENERGY_2_CC4 323678	116.47 4.42 -56.15	105.02 4.17 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.63 5.33 -27.23	126.95 6.11 -39.47	138.68 5.58 -60.61	138.38 6.03 -57.93	143.94 7.65 -44.12	110.35 7.80 -2.60	103.70 7.21 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	90.86 6.60 -4.64	93.35 7.38 -0.16	102.98 7.30 -7.65	115.13 8.09 -4.67	106.91 7.54 -6.29	99.91 6.51 -14.89	95.21 5.98 -16.30	88.28 6.06 -9.14	79.61 6.23 0.00	79.54 5.62 0.00

ATHENS_STG_1 23668	121.54 2.46 -63.18	108.95 2.36 -51.66	106.31 2.74 -39.68	104.25 2.62 -40.68	108.17 3.03 -33.01	108.86 3.15 -30.63	129.28 3.50 -44.41	143.81 3.12 -68.21	142.97 3.35 -65.19	145.98 4.15 -49.65	107.47 4.60 -2.93	101.26 4.25 -4.65	97.31 4.00 -6.37	93.84 3.98 -3.37	88.50 3.66 -5.22	90.02 4.03 -0.18	100.69 4.05 -8.60	112.24 4.61 -5.26	104.35 4.19 -7.08	98.87 3.61 -16.75	94.56 3.28 -18.34	86.73 3.36 -10.29	76.76 3.38 0.00	77.10 3.18 0.00
ATHENS_STG_2 23670	121.54 2.46 -63.18	108.95 2.36 -51.66	106.31 2.74 -39.68	104.25 2.62 -40.68	108.17 3.03 -33.01	108.86 3.15 -30.63	129.28 3.50 -44.41	143.81 3.12 -68.21	142.97 3.35 -65.19	145.98 4.15 -49.65	107.47 4.60 -2.93	101.26 4.25 -4.65	97.31 4.00 -6.37	93.84 3.98 -3.37	88.50 3.66 -5.22	90.02 4.03 -0.18	100.69 4.05 -8.60	112.24 4.61 -5.26	104.35 4.19 -7.08	98.87 3.61 -16.75	94.56 3.28 -18.34	86.73 3.36 -10.29	76.76 3.38 0.00	77.10 3.18 0.00
ATHENS_STG_3 23677	121.54 2.46 -63.18	108.95 2.36 -51.66	106.31 2.74 -39.68	104.25 2.62 -40.68	108.17 3.03 -33.01	108.86 3.15 -30.63	129.28 3.50 -44.41	143.81 3.12 -68.21	142.97 3.35 -65.19	145.98 4.15 -49.65	107.47 4.60 -2.93	101.26 4.25 -4.65	97.31 4.00 -6.37	93.84 3.98 -3.37	88.50 3.66 -5.22	90.02 4.03 -0.18	100.69 4.05 -8.60	112.24 4.61 -5.26	104.35 4.19 -7.08	98.87 3.61 -16.75	94.56 3.28 -18.34	86.73 3.36 -10.29	76.76 3.38 0.00	77.10 3.18 0.00
AUBURN___LFGE 323710	62.52 -0.56 -7.17	60.03 -0.77 -5.87	67.56 -0.83 -4.51	64.72 -0.85 -4.62	74.87 -1.01 -3.75	77.73 -0.83 -3.48	85.60 -0.81 -5.04	79.66 -0.58 -7.75	81.02 -0.82 -7.41	96.99 -0.83 -5.64	99.28 -1.00 -0.33	91.78 -1.11 -0.53	86.71 -0.96 -0.72	85.92 -0.95 -0.38	79.41 -0.80 -0.59	85.05 -0.77 -0.02	88.13 -0.88 -0.98	102.05 -0.92 -0.60	93.14 -0.74 -0.80	79.78 -0.63 -1.90	74.36 -0.66 -2.08	73.44 -0.80 -1.17	72.65 -0.73 0.00	73.11 -0.81 0.00
BABYLON_RES_REC 323704	117.78 5.71 -56.17	106.02 5.16 -45.92	104.45 5.30 -35.27	102.11 5.00 -36.16	107.39 5.92 -29.34	108.99 6.68 -27.23	129.07 8.22 -39.49	140.44 7.32 -60.63	143.53 7.67 -61.43	145.62 9.31 -44.14	112.95 10.39 -2.61	106.61 9.51 -4.74	101.55 8.96 -5.66	98.22 8.73 -3.00	92.45 8.20 -4.64	95.66 9.69 -0.16	120.95 9.77 -23.14	122.78 11.16 -9.25	122.24 10.15 -19.02	113.38 8.64 -26.24	99.56 8.02 -18.61	98.78 8.04 -17.67	81.23 7.86 0.00	80.87 6.95 0.00
BABYLON__69_KV_BK2 356345	118.56 6.48 -56.17	106.68 5.82 -45.92	105.22 6.07 -35.27	102.84 5.73 -36.16	108.55 7.07 -29.34	110.19 7.88 -27.23	130.22 9.36 -39.49	141.46 8.34 -60.63	144.57 8.78 -61.36	147.00 10.69 -44.14	114.65 12.09 -2.61	108.26 11.18 -4.73	102.68 10.09 -5.66	99.61 10.12 -3.00	93.65 9.39 -4.64	97.04 11.07 -0.16	122.25 11.36 -22.86	124.64 13.10 -9.17	123.69 11.82 -18.79	114.59 10.05 -26.03	100.76 9.26 -18.57	99.94 9.35 -17.52	82.48 9.10 0.00	81.98 8.06 0.00
BALL_HILL_WT_PWR 323825	60.71 -4.70 -9.50	57.87 -4.83 -7.77	64.42 -5.43 -5.97	61.65 -5.43 -6.12	70.89 -6.20 -4.96	73.38 -6.31 -4.61	80.32 -7.73 -6.68	73.04 -7.69 -8.24	73.89 -8.41 -7.87	88.03 -10.14 -6.00	89.71 -10.60 -0.36	82.49 -10.44 -0.57	78.06 -9.65 -0.77	77.73 -9.17 -0.41	71.89 -8.36 -0.64	77.76 -8.07 -0.03	79.49 -9.59 -1.04	93.38 -9.63 -0.64	83.98 -9.96 -0.86	71.98 -8.55 -2.03	67.35 -7.80 -2.22	66.79 -7.60 -1.32	67.73 -5.65 0.00	69.34 -4.58 0.00
BARON_WINDS___WT_PWR 323822	65.11 -3.41 -12.62	61.79 -3.46 -10.32	68.04 -3.77 -7.92	65.36 -3.72 -8.12	74.47 -4.26 -6.59	76.99 -4.20 -6.12	85.44 -4.80 -8.87	80.30 -4.71 -12.52	81.11 -5.28 -11.97	94.83 -6.45 -9.11	93.69 -6.80 -0.54	86.56 -6.65 -0.86	82.02 -6.09 -1.17	81.23 -5.88 -0.62	75.31 -5.26 -0.96	81.04 -4.80 -0.04	83.98 -5.64 -1.58	98.12 -5.22 -0.97	88.61 -5.77 -1.30	76.72 -4.87 -3.08	71.78 -4.52 -3.37	70.54 -4.46 -1.93	70.23 -3.15 0.00	71.49 -2.44 0.00
BARRETT_IC_1 23704	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_10 23701	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_11 23702	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_12 23703	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_2 23705	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_3 23706	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_4 23707	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00

BARRETT_IC_5 23708	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_6 23709	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_7 23710	117.00 4.92 -56.17	105.42 4.56 -45.92	103.82 4.66 -35.27	101.56 4.45 -36.16	106.89 5.41 -29.34	108.31 6.01 -27.23	128.10 7.24 -39.49	139.43 6.31 -60.63	142.00 6.40 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.69 7.67 -4.67	99.81 7.22 -5.66	96.67 7.18 -3.00	90.94 6.69 -4.64	93.86 7.89 -0.16	116.76 7.66 -21.06	119.60 8.60 -8.63	118.11 7.73 -17.31	109.90 6.67 -24.73	97.66 6.42 -18.31	96.11 6.50 -16.54	79.91 6.53 0.00	79.54 5.62 0.00
BARRETT_IC_8 23711	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT_IC_9 23700	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT___1 23545	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BARRETT___2 23546	117.00 4.92 -56.17	105.41 4.56 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.67 5.20 -29.34	108.24 5.93 -27.23	128.02 7.16 -39.49	139.43 6.30 -60.63	141.92 6.32 -61.17	144.52 8.20 -44.14	110.95 8.40 -2.61	104.78 7.76 -4.67	99.98 7.39 -5.66	96.58 7.09 -3.00	90.94 6.69 -4.64	93.95 7.98 -0.16	116.67 7.57 -21.06	119.39 8.40 -8.63	118.11 7.72 -17.31	109.90 6.67 -24.73	97.58 6.34 -18.31	96.11 6.50 -16.54	79.84 6.46 0.00	79.54 5.62 0.00
BATAVIA___115KV_TB1 55881	60.50 -3.58 -8.17	57.88 -3.74 -6.68	64.80 -4.22 -5.13	61.89 -4.33 -5.26	71.28 -5.12 -4.27	73.86 -5.18 -3.96	80.69 -6.43 -5.74	74.04 -6.09 -7.64	74.50 -7.22 -7.30	88.98 -8.76 -5.56	90.58 -9.69 -0.33	83.46 -9.42 -0.52	79.22 -8.43 -0.72	78.74 -8.13 -0.38	73.11 -7.09 -0.59	78.36 -7.47 -0.02	80.46 -8.54 -0.97	92.83 -10.13 -0.59	85.03 -8.84 -0.80	73.32 -7.07 -1.88	68.57 -6.42 -2.06	67.91 -6.36 -1.20	68.10 -5.28 0.00	69.19 -4.73 0.00
BAYONEEC___CTG1 323682	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG10 323750	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG2 323683	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG3 323684	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG4 323685	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG5 323686	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG6 323687	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00

BAYONEEC___CTG7 323688	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG8 323689	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BAYONEEC___CTG9 323749	116.42 4.36 -56.15	104.91 4.07 -45.91	103.55 4.40 -35.27	101.31 4.20 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	121.95 6.02 -34.55	133.24 5.51 -55.24	132.78 5.96 -52.40	153.34 7.56 -53.60	110.35 7.80 -2.60	103.78 7.29 -4.13	99.46 6.87 -5.66	96.24 6.75 -2.99	101.71 6.53 -15.57	95.19 7.29 -2.10	102.98 7.30 -7.65	103.19 8.09 7.27	92.92 7.54 7.70	105.85 6.51 -20.83	95.21 5.98 -16.30	88.21 5.99 -9.14	86.84 6.02 -7.45	79.39 5.47 0.00
BEACON___LESR 323632	128.76 3.13 -69.73	114.97 3.02 -57.01	111.19 3.51 -43.80	109.14 3.29 -44.89	112.53 3.96 -36.43	113.09 4.20 -33.81	134.78 4.39 -49.01	151.60 3.77 -75.34	150.60 4.17 -72.01	152.36 5.34 -54.84	108.87 5.69 -3.23	102.66 5.17 -5.13	98.84 4.87 -7.03	95.06 4.84 -3.72	90.00 4.62 -5.77	90.72 4.72 -0.20	102.29 4.75 -9.50	113.91 5.73 -5.81	106.02 5.12 -7.82	101.25 4.24 -18.51	97.20 4.01 -20.26	88.45 4.02 -11.36	77.34 3.96 0.00	77.99 4.06 0.00
BEAVER RIVER___HYD 24048	57.52 -0.45 -2.07	56.25 -0.38 -1.69	64.99 -0.19 -1.30	62.41 0.12 -1.33	73.43 0.22 -1.08	76.23 0.15 -1.00	83.32 0.49 -1.45	75.60 0.87 -2.23	77.01 0.45 -2.14	94.26 0.46 -1.63	99.94 -0.10 -0.10	92.60 0.09 -0.15	86.98 -0.17 -0.21	86.43 -0.17 -0.11	79.94 0.16 -0.17	85.90 0.09 -0.01	88.58 0.26 -0.28	103.16 0.62 -0.17	93.59 0.28 -0.23	79.21 0.16 -0.55	73.53 0.00 -0.60	73.34 -0.07 -0.34	73.16 -0.22 0.00	73.70 -0.22 0.00
BEEBEE_GT_13 23619	60.43 -2.46 -6.99	58.07 -2.58 -5.72	65.33 -2.94 -4.39	62.47 -2.99 -4.50	72.25 -3.53 -3.65	74.86 -3.60 -3.39	81.89 -4.39 -4.91	76.23 -4.06 -7.80	76.97 -4.91 -7.45	91.95 -5.90 -5.68	93.78 -6.50 -0.33	86.51 -6.37 -0.53	82.10 -5.56 -0.73	81.43 -5.45 -0.38	75.59 -4.62 -0.60	80.68 -5.15 -0.02	83.21 -5.81 -0.98	96.01 -6.96 -0.60	87.84 -6.05 -0.81	75.47 -4.95 -1.92	70.65 -4.38 -2.10	69.93 -4.31 -1.17	69.12 -4.26 0.00	69.93 -3.99 0.00
BENSHRST_27_KV_BENSHRST_1 355998	117.37 5.31 -56.16	105.80 4.94 -45.92	104.52 5.37 -35.28	102.24 5.12 -36.16	107.40 5.92 -29.35	108.69 6.38 -27.24	128.34 7.49 -39.48	139.78 6.67 -60.62	140.90 7.22 -59.25	195.19 9.13 -93.89	112.20 9.59 -2.66	222.13 8.96 -120.81	217.62 8.35 -122.34	173.52 8.30 -78.72	208.81 7.88 -121.32	94.83 8.75 -0.28	232.85 8.89 -135.93	226.56 10.24 -113.96	247.35 9.31 -144.96	341.17 7.93 -254.73	175.05 7.29 -94.83	152.81 7.38 -72.35	159.76 7.19 -79.19	80.66 6.73 -0.01
BETHLEHEM___GRP 23843	128.05 2.35 -69.80	114.26 2.25 -57.07	110.41 2.68 -43.84	108.40 2.50 -44.94	111.63 3.03 -36.47	112.08 3.15 -33.85	133.69 3.25 -49.07	150.59 2.68 -75.42	149.41 2.90 -72.08	150.76 3.69 -54.90	107.08 3.90 -3.24	101.10 3.60 -5.14	97.54 3.56 -7.04	93.85 3.63 -3.73	88.81 3.42 -5.78	89.27 3.26 -0.20	100.72 3.17 -9.51	111.77 3.58 -5.81	104.26 3.35 -7.83	99.86 2.83 -18.53	95.91 2.70 -20.28	87.22 2.78 -11.37	76.17 2.79 0.00	76.95 3.03 0.00
BETHLEHEM___GS1 323560	128.05 2.35 -69.80	114.32 2.31 -57.07	110.41 2.68 -43.84	108.40 2.50 -44.94	111.63 3.03 -36.47	112.07 3.15 -33.85	133.70 3.26 -49.07	150.59 2.68 -75.42	149.41 2.90 -72.08	150.77 3.69 -54.90	107.18 4.00 -3.24	101.09 3.60 -5.14	97.55 3.57 -7.04	93.85 3.63 -3.73	88.88 3.50 -5.78	89.35 3.34 -0.20	100.81 3.26 -9.51	111.97 3.79 -5.81	104.35 3.45 -7.83	99.85 2.82 -18.53	95.91 2.70 -20.28	87.22 2.78 -11.37	76.17 2.79 0.00	76.96 3.03 0.00
BETHLEHEM___GS2 323561	128.05 2.35 -69.80	114.32 2.31 -57.07	110.41 2.68 -43.84	108.40 2.50 -44.94	111.63 3.03 -36.47	112.07 3.15 -33.85	133.70 3.26 -49.07	150.59 2.68 -75.42	149.41 2.90 -72.08	150.77 3.69 -54.90	107.18 4.00 -3.24	101.09 3.60 -5.14	97.55 3.57 -7.04	93.85 3.63 -3.73	88.88 3.50 -5.78	89.35 3.34 -0.20	100.81 3.26 -9.51	111.97 3.79 -5.81	104.35 3.45 -7.83	99.85 2.82 -18.53	95.91 2.70 -20.28	87.22 2.78 -11.37	76.17 2.79 0.00	76.96 3.03 0.00
BETHLEHEM___GS3 323562	128.05 2.35 -69.80	114.32 2.31 -57.07	110.41 2.68 -43.84	108.40 2.50 -44.94	111.63 3.03 -36.47	112.07 3.15 -33.85	133.70 3.26 -49.07	150.59 2.68 -75.42	149.41 2.90 -72.08	150.77 3.69 -54.90	107.18 4.00 -3.24	101.09 3.60 -5.14	97.55 3.57 -7.04	93.85 3.63 -3.73	88.88 3.50 -5.78	89.35 3.34 -0.20	100.81 3.26 -9.51	111.97 3.79 -5.81	104.35 3.45 -7.83	99.85 2.82 -18.53	95.91 2.70 -20.28	87.22 2.78 -11.37	76.17 2.79 0.00	76.96 3.03 0.00
BETHLEHEM___STEEL 23779	60.42 -4.98 -9.49	57.53 -5.16 -7.76	64.22 -5.62 -5.96	61.46 -5.61 -6.11	70.31 -6.78 -4.96	72.99 -6.68 -4.60	79.82 -8.22 -6.67	72.55 -8.19 -8.25	73.31 -9.01 -7.89	87.30 -10.88 -6.01	88.61 -11.69 -0.36	81.66 -11.27 -0.57	77.46 -10.26 -0.77	76.87 -10.03 -0.41	71.25 -9.00 -0.64	76.74 -9.10 -0.03	78.61 -10.48 -1.05	90.73 -12.28 -0.64	83.14 -10.80 -0.86	71.43 -9.11 -2.03	66.84 -8.31 -2.22	66.06 -8.33 -1.32	67.51 -5.87 0.00	68.97 -4.95 0.00
BETHLHEM_115KV_TB1 79974	127.96 2.29 -69.76	114.23 2.25 -57.04	110.32 2.62 -43.82	108.37 2.50 -44.92	111.54 2.96 -36.45	111.98 3.08 -33.83	133.59 3.17 -49.04	150.55 2.68 -75.38	149.37 2.90 -72.05	150.64 3.59 -54.87	107.08 3.90 -3.23	101.09 3.60 -5.14	97.54 3.56 -7.04	93.76 3.55 -3.72	88.81 3.42 -5.77	89.27 3.26 -0.20	100.80 3.26 -9.51	111.87 3.69 -5.81	104.35 3.44 -7.82	99.85 2.83 -18.52	95.90 2.70 -20.27	87.22 2.78 -11.37	76.17 2.79 0.00	76.88 2.96 0.00
BETHPAGE_CC_5 323564	117.56 5.48 -56.17	105.80 4.95 -45.92	104.27 5.11 -35.27	101.93 4.81 -36.16	107.17 5.70 -29.34	108.76 6.46 -27.23	128.67 7.81 -39.49	140.15 7.03 -60.63	143.37 7.30 -61.64	145.07 8.76 -44.14	111.75 9.19 -2.61	105.62 8.49 -4.77	100.59 7.99 -5.66	97.28 7.79 -3.00	91.57 7.32 -4.64	94.63 8.66 -0.16	120.61 8.63 -23.94	121.58 9.73 -9.48	121.69 8.94 -19.67	112.94 7.61 -26.82	98.73 7.07 -18.73	98.35 7.17 -18.11	80.50 7.12 0.00	80.13 6.21 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	60.44 -5.09 -9.62	57.53 -5.27 -7.87	64.17 -5.75 -6.04	61.42 -5.73 -6.20	70.31 -6.85 -5.03	72.91 -6.83 -4.67	79.84 -8.30 -6.76	72.65 -8.26 -8.42	73.55 -8.93 -8.05	87.43 -10.88 -6.13	88.72 -11.59 -0.37	81.76 -11.18 -0.58	77.47 -10.26 -0.79	76.97 -9.95 -0.42	71.34 -8.92 -0.65	76.91 -8.92 -0.03	78.80 -10.30 -1.07	91.05 -11.98 -0.65	83.35 -10.61 -0.88	71.63 -8.95 -2.07	66.96 -8.24 -2.27	66.09 -8.33 -1.34	67.80 -5.58 0.00	69.34 -4.58 0.00

BINGHAMTON___COGEN 23790	73.64 -0.56 -18.29	69.18 -0.71 -14.96	74.67 -0.70 -11.49	72.00 -0.73 -11.78	80.76 -0.94 -9.56	83.12 -0.83 -8.87	93.34 -0.90 -12.86	90.87 -0.94 -19.32	91.78 -1.12 -18.47	104.95 -1.29 -14.07	99.38 -1.40 -0.83	92.38 -1.29 -1.32	87.53 -1.22 -1.80	86.24 -1.21 -0.96	79.98 -1.11 -1.48	85.00 -0.86 -0.05	89.42 -1.06 -2.44	102.73 -1.13 -1.49	94.06 -1.02 -2.01	82.39 -0.86 -4.75	77.25 -0.88 -5.20	75.05 -0.95 -2.93	72.94 -0.44 0.00	73.70 -0.22 0.00
BIXINCNT_115KV_LOAD 355685	59.76 -6.37 -10.23	56.60 -6.70 -8.36	63.15 -7.15 -6.43	60.71 -6.83 -6.59	69.33 -8.15 -5.34	72.45 -7.58 -4.96	79.94 -8.63 -7.19	73.22 -8.48 -9.21	74.52 -8.71 -8.80	88.18 -10.69 -6.70	89.05 -11.29 -0.40	82.64 -10.34 -0.63	78.24 -9.56 -0.86	77.70 -9.25 -0.46	71.80 -8.52 -0.71	77.86 -7.98 -0.03	79.87 -9.33 -1.17	92.44 -10.65 -0.71	84.64 -9.40 -0.96	72.76 -8.01 -2.27	67.90 -7.51 -2.48	66.79 -7.75 -1.46	69.12 -4.26 0.00	70.82 -3.10 0.00
BLACK RIVER___HYD 24047	59.01 0.22 -2.88	57.46 0.17 -2.36	66.14 0.45 -1.81	63.30 0.49 -1.86	74.29 0.65 -1.51	77.07 0.60 -1.40	84.38 0.98 -2.03	77.06 1.45 -3.12	78.37 0.97 -2.98	95.64 1.20 -2.27	100.58 0.50 -0.13	93.22 0.65 -0.21	87.49 0.26 -0.29	86.91 0.26 -0.15	80.64 0.80 -0.24	86.67 0.86 -0.01	89.49 1.06 -0.39	104.24 1.63 -0.24	94.52 1.12 -0.32	80.06 0.78 -0.77	74.35 0.58 -0.84	74.06 0.52 -0.47	73.75 0.37 0.00	74.15 0.22 0.00
BLACKRVR_115KV_TB2 79977	59.01 0.22 -2.88	57.41 0.11 -2.36	66.14 0.45 -1.81	63.30 0.49 -1.86	74.29 0.65 -1.51	77.07 0.60 -1.40	84.38 0.98 -2.03	77.06 1.45 -3.12	78.37 0.97 -2.98	95.64 1.20 -2.27	100.58 0.50 -0.13	93.12 0.55 -0.21	87.49 0.26 -0.29	86.91 0.26 -0.15	80.64 0.80 -0.24	86.67 0.86 -0.01	89.49 1.06 -0.39	104.15 1.54 -0.24	94.52 1.12 -0.32	80.06 0.79 -0.77	74.35 0.58 -0.84	74.06 0.51 -0.47	73.75 0.37 0.00	74.15 0.22 0.00
BLISS_WT_PWR 323608	59.48 -6.65 -10.23	56.32 -6.98 -8.36	62.77 -7.54 -6.43	60.41 -7.13 -6.59	69.11 -8.37 -5.34	72.15 -7.88 -4.96	79.77 -8.79 -7.19	73.07 -8.63 -9.21	74.52 -8.71 -8.80	88.09 -10.78 -6.70	89.55 -10.80 -0.40	82.73 -10.25 -0.63	78.24 -9.56 -0.86	77.87 -9.08 -0.46	71.88 -8.44 -0.71	78.63 -7.21 -0.03	79.96 -9.24 -1.17	95.20 -7.88 -0.71	84.82 -9.22 -0.96	72.76 -8.01 -2.27	67.90 -7.51 -2.48	67.01 -7.52 -1.46	69.05 -4.33 0.00	70.82 -3.10 0.00
BLUESTONE___WT_PWR 323821	78.34 2.68 -19.75	73.45 2.36 -16.15	79.35 3.07 -12.41	76.35 2.68 -12.72	85.70 3.25 -10.32	88.03 3.38 -9.58	99.73 4.47 -13.88	97.81 4.28 -21.05	98.56 4.02 -20.12	112.75 5.25 -15.32	106.04 5.19 -0.90	98.78 4.98 -1.43	93.34 4.43 -1.97	91.94 4.41 -1.04	85.60 4.38 -1.61	90.92 5.06 -0.06	95.89 5.19 -2.66	110.96 6.96 -1.62	100.85 5.58 -2.19	88.31 4.63 -5.17	82.74 4.15 -5.66	80.42 4.16 -3.18	77.86 4.48 0.00	78.51 4.58 0.00
BLUE_CIRC_CHEM_DRP 24182	126.96 2.35 -68.71	113.37 2.25 -56.18	109.72 2.68 -43.16	107.69 2.50 -44.24	111.06 3.03 -35.90	111.47 3.08 -33.32	132.85 3.17 -48.30	149.34 2.61 -74.24	148.29 2.90 -70.96	149.81 3.59 -54.04	106.93 3.80 -3.19	100.92 3.51 -5.06	97.26 3.39 -6.93	93.53 3.37 -3.67	88.48 3.18 -5.69	89.27 3.26 -0.20	100.66 3.26 -9.36	111.88 3.79 -5.72	104.32 3.54 -7.71	99.73 2.98 -18.24	95.74 2.84 -19.96	87.12 2.85 -11.20	76.39 3.01 0.00	76.95 3.03 0.00
BOC_GAS_DRP 24189	127.48 2.01 -69.56	113.74 1.92 -56.88	109.87 2.30 -43.69	107.88 2.13 -44.79	111.00 2.52 -36.34	111.43 2.63 -33.73	133.04 2.77 -48.90	150.04 2.39 -75.16	148.79 2.53 -71.84	150.11 3.23 -54.71	106.67 3.50 -3.23	100.71 3.23 -5.12	97.08 3.13 -7.01	93.41 3.20 -3.71	88.31 2.95 -5.76	89.10 3.09 -0.20	100.51 2.99 -9.48	111.64 3.48 -5.79	104.05 3.16 -7.80	99.64 2.67 -18.46	95.69 2.55 -20.21	86.97 2.56 -11.33	76.02 2.64 0.00	76.51 2.59 0.00
BOONVILLE_115KV_TB1 79983	58.57 0.89 -1.77	57.26 0.88 -1.45	66.20 1.21 -1.11	63.37 1.28 -1.14	74.65 1.59 -0.92	77.58 1.65 -0.86	84.81 2.20 -1.24	76.58 2.17 -1.91	78.26 2.01 -1.83	96.05 2.49 -1.39	102.33 2.30 -0.08	94.70 2.22 -0.13	89.03 1.91 -0.18	88.49 1.90 -0.09	81.83 2.07 -0.15	87.96 2.15 -0.01	90.57 2.29 -0.24	105.38 2.87 -0.15	95.70 2.42 -0.20	80.94 1.96 -0.47	75.12 1.68 -0.51	75.04 1.68 -0.29	75.07 1.69 0.00	75.55 1.63 0.00
BORALEX_4TH_BRANCH 23824	129.09 3.80 -69.39	115.35 3.68 -56.73	111.81 4.34 -43.58	109.84 4.21 -44.68	113.37 4.98 -36.25	114.05 5.33 -33.65	135.68 5.53 -48.78	152.39 4.93 -74.97	151.14 5.06 -71.66	153.02 6.27 -54.58	109.96 6.80 -3.22	103.38 5.91 -5.11	99.50 5.56 -7.00	95.65 5.45 -3.70	90.77 5.41 -5.74	91.76 5.75 -0.20	103.30 5.81 -9.46	114.91 6.76 -5.78	107.10 6.24 -7.78	102.18 5.26 -18.42	97.90 4.81 -20.16	89.28 4.90 -11.31	78.52 5.14 0.00	78.73 4.81 0.00
BOWLINE___1 23526	113.46 3.18 -54.37	102.36 2.96 -44.45	101.22 3.19 -34.15	99.01 3.05 -35.01	104.00 3.46 -28.41	105.26 3.83 -26.36	124.06 4.47 -38.22	135.23 4.06 -58.68	134.98 4.47 -56.09	140.51 5.62 -42.72	108.26 5.79 -2.52	101.71 5.35 -4.00	97.46 5.04 -5.48	94.32 4.93 -2.90	88.88 4.78 -4.49	91.37 5.41 -0.16	100.90 5.46 -7.40	113.04 6.14 -4.52	104.85 5.68 -6.09	97.79 4.87 -14.41	93.16 4.45 -15.78	86.38 4.46 -8.85	77.78 4.40 0.00	77.91 3.99 0.00
BOWLINE___2 23595	113.46 3.18 -54.37	102.36 2.96 -44.46	101.22 3.19 -34.15	99.01 3.05 -35.01	104.01 3.46 -28.41	105.34 3.90 -26.37	124.07 4.47 -38.22	135.24 4.06 -58.69	134.98 4.47 -56.09	140.52 5.62 -42.72	108.26 5.79 -2.52	101.71 5.35 -4.00	97.37 4.95 -5.48	94.32 4.93 -2.90	88.88 4.78 -4.49	91.37 5.41 -0.16	100.90 5.46 -7.40	113.04 6.14 -4.52	104.85 5.68 -6.09	97.79 4.87 -14.42	93.16 4.45 -15.78	86.38 4.46 -8.85	77.78 4.40 0.00	77.91 3.99 0.00
BRADY___115KV_TB2 356060	56.13 0.22 0.00	55.38 0.44 0.00	64.45 0.57 0.00	61.63 0.67 0.00	72.86 0.72 0.00	75.45 0.38 0.00	81.86 0.49 0.00	73.00 0.51 0.00	74.72 0.30 0.00	92.26 0.09 0.00	99.95 0.00 0.00	92.45 0.09 0.00	86.77 -0.17 0.00	86.41 -0.09 0.00	79.29 -0.32 0.00	85.20 -0.60 0.00	87.95 -0.09 0.00	102.37 0.00 0.00	93.08 0.00 0.00	78.43 -0.08 0.00	72.86 -0.07 0.00	73.00 -0.07 0.00	73.23 -0.15 0.00	74.22 0.30 0.00
BRANSCOMB___SOLAR 323811	130.31 2.85 -71.56	116.74 3.30 -58.51	112.66 3.83 -44.95	110.56 3.53 -46.07	113.85 4.33 -37.39	114.35 4.58 -34.70	136.55 4.88 -50.30	154.01 4.20 -77.31	153.16 4.83 -73.90	154.36 5.90 -56.28	109.56 6.30 -3.32	103.26 5.63 -5.27	99.20 5.04 -7.22	95.33 5.01 -3.82	90.31 4.78 -5.92	91.34 5.32 -0.21	103.34 5.55 -9.75	114.98 6.65 -5.96	107.15 6.05 -8.03	102.45 4.95 -18.99	98.39 4.67 -20.79	89.27 4.53 -11.66	77.86 4.48 0.00	78.14 4.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	118.39 6.32 -56.17	106.57 5.71 -45.92	105.03 5.88 -35.27	102.72 5.61 -36.16	108.40 6.93 -29.34	109.96 7.66 -27.23	129.97 9.11 -39.49	141.24 8.12 -60.63	144.14 8.56 -61.16	146.63 10.32 -44.14	114.35 11.79 -2.61	108.05 10.99 -4.70	102.42 9.82 -5.66	99.35 9.86 -3.00	93.49 9.23 -4.64	96.87 10.90 -0.16	121.23 11.09 -22.10	124.11 12.80 -8.94	122.70 11.45 -18.17	113.72 9.73 -25.48	100.43 9.04 -18.46	99.31 9.13 -17.10	82.33 8.95 0.00	81.83 7.91 0.00

BRISTLHL_115KV_TB1 79998	59.01 -1.40 -4.50	57.08 -1.54 -3.68	64.98 -1.72 -2.83	62.15 -1.71 -2.90	72.40 -2.09 -2.35	75.23 -2.03 -2.18	82.18 -2.36 -3.17	75.33 -2.03 -4.87	76.84 -2.23 -4.65	93.04 -2.67 -3.54	97.26 -2.90 -0.21	90.01 -2.68 -0.33	84.87 -2.52 -0.45	84.23 -2.51 -0.24	77.75 -2.23 -0.37	83.50 -2.32 -0.01	86.19 -2.47 -0.61	99.98 -2.76 -0.38	91.07 -2.51 -0.51	77.58 -2.12 -1.20	72.27 -1.97 -1.31	71.76 -2.05 -0.73	71.32 -2.05 0.00	71.78 -2.14 0.00
BROOKHAVEN___DRP 24191	118.44 6.37 -56.17	106.51 5.66 -45.92	104.97 5.81 -35.27	102.66 5.55 -36.16	108.33 6.85 -29.34	109.96 7.66 -27.23	130.05 9.19 -39.49	141.31 8.19 -60.63	144.17 8.63 -61.11	146.82 10.51 -44.14	114.55 11.99 -2.61	108.13 11.08 -4.69	102.42 9.82 -5.66	99.35 9.86 -3.00	93.49 9.23 -4.64	96.95 10.98 -0.16	121.30 11.36 -21.90	124.47 13.21 -8.89	123.00 11.91 -18.01	113.88 10.05 -25.33	100.69 9.33 -18.43	99.42 9.35 -16.99	82.41 9.03 0.00	81.83 7.91 0.00
BROOKLYN_NAVY_YARD 23515	116.42 4.36 -56.15	104.97 4.12 -45.91	103.55 4.40 -35.27	101.25 4.15 -36.15	106.31 4.83 -29.34	107.63 5.33 -27.23	126.86 6.02 -39.47	138.68 5.58 -60.61	138.31 5.96 -57.93	143.85 7.56 -44.12	110.35 7.80 -2.60	103.70 7.21 -4.13	99.38 6.79 -5.66	96.15 6.66 -2.99	90.78 6.53 -4.64	93.26 7.29 -0.16	102.98 7.30 -7.65	115.13 8.09 -4.67	106.91 7.54 -6.29	99.91 6.51 -14.89	95.21 5.98 -16.30	88.21 5.99 -9.14	79.40 6.02 0.00	79.39 5.47 0.00
BROOKLYN___ARMY_DRP 323595	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
BROOKVLE_69_KV_TB1 55790	117.22 5.14 -56.17	105.53 4.67 -45.92	104.07 4.92 -35.27	101.81 4.69 -36.16	107.10 5.63 -29.34	108.54 6.23 -27.23	128.27 7.40 -39.49	139.72 6.60 -60.63	144.56 7.00 -63.13	144.98 8.66 -44.14	111.66 9.10 -2.62	105.77 8.40 -5.01	100.34 7.74 -5.66	97.19 7.70 -3.00	91.42 7.16 -4.64	94.29 8.32 -0.16	126.13 8.36 -29.73	123.08 9.52 -11.19	126.16 8.66 -24.43	116.88 7.30 -31.08	99.31 6.78 -19.60	101.25 6.87 -21.31	80.13 6.75 0.00	79.99 6.06 0.00
BROOME_2_LFGE 323671	73.69 -0.50 -18.29	69.24 -0.66 -14.96	74.67 -0.70 -11.49	72.00 -0.73 -11.78	80.83 -0.86 -9.56	83.12 -0.82 -8.87	93.34 -0.89 -12.86	90.87 -0.94 -19.32	91.78 -1.11 -18.47	104.95 -1.29 -14.07	99.47 -1.30 -0.83	92.38 -1.29 -1.32	87.53 -1.22 -1.80	86.24 -1.21 -0.96	79.98 -1.11 -1.48	85.08 -0.77 -0.05	89.42 -1.05 -2.44	103.25 -0.61 -1.49	94.07 -1.02 -2.01	82.39 -0.86 -4.75	77.25 -0.87 -5.20	75.05 -0.95 -2.93	72.94 -0.44 0.00	73.70 -0.22 0.00
BROOME___LFGE 323600	73.69 -0.50 -18.29	69.24 -0.66 -14.96	74.67 -0.70 -11.49	72.00 -0.73 -11.78	80.83 -0.86 -9.56	83.12 -0.82 -8.87	93.34 -0.89 -12.86	90.87 -0.94 -19.32	91.78 -1.11 -18.47	104.95 -1.29 -14.07	99.47 -1.30 -0.83	92.38 -1.29 -1.32	87.53 -1.22 -1.80	86.24 -1.21 -0.96	79.98 -1.11 -1.48	85.08 -0.77 -0.05	89.42 -1.05 -2.44	103.25 -0.61 -1.49	94.07 -1.02 -2.01	82.39 -0.86 -4.75	77.25 -0.87 -5.20	75.05 -0.95 -2.93	72.94 -0.44 0.00	73.70 -0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	56.46 -0.89 -1.45	55.35 -0.77 -1.18	64.09 -0.70 -0.91	61.46 -0.43 -0.93	72.46 -0.43 -0.76	74.95 -0.83 -0.70	81.82 -0.57 -1.02	73.77 -0.29 -1.57	75.33 -0.60 -1.50	92.39 -0.92 -1.14	98.61 -1.40 -0.07	91.35 -1.11 -0.11	85.78 -1.30 -0.15	85.27 -1.30 -0.08	78.62 -1.11 -0.12	84.26 -1.54 0.00	86.74 -1.50 -0.20	100.95 -1.54 -0.12	91.75 -1.49 -0.16	77.56 -1.33 -0.38	72.04 -1.31 -0.42	71.92 -1.39 -0.24	71.91 -1.47 0.00	72.74 -1.18 0.00
BROWNSV1_27_KV_LOAD 356125	116.92 4.86 -56.15	105.41 4.56 -45.91	104.13 4.98 -35.27	101.80 4.69 -36.15	106.95 5.48 -29.34	108.23 5.93 -27.23	127.76 6.92 -39.47	139.33 6.23 -60.61	139.05 6.70 -57.93	144.77 8.48 -44.12	111.44 8.90 -2.60	104.80 8.31 -4.13	100.33 7.74 -5.66	97.10 7.61 -2.99	91.58 7.32 -4.64	94.12 8.15 -0.16	103.96 8.28 -7.65	116.56 9.52 -4.67	107.93 8.56 -6.29	100.69 7.30 -14.89	95.94 6.71 -16.30	89.08 6.87 -9.14	79.98 6.60 0.00	80.06 6.14 0.00
BURROWS___LYONSDAL 23803	58.29 0.56 -1.83	56.98 0.55 -1.49	65.92 0.89 -1.15	63.23 1.10 -1.18	74.46 1.37 -0.95	77.31 1.35 -0.89	84.53 1.87 -1.28	76.42 1.96 -1.97	78.02 1.71 -1.89	95.73 2.12 -1.44	101.83 1.80 -0.08	94.25 1.75 -0.13	88.60 1.48 -0.18	88.06 1.47 -0.10	81.43 1.67 -0.15	87.53 1.72 -0.01	90.22 1.94 -0.25	104.98 2.46 -0.15	95.24 1.95 -0.20	80.56 1.57 -0.49	74.84 1.39 -0.53	74.69 1.32 -0.30	74.70 1.32 0.00	75.18 1.26 0.00
CAITHNESS_CC_1 323624	118.22 6.15 -56.17	106.35 5.49 -45.92	104.78 5.62 -35.27	102.41 5.30 -36.16	107.83 6.35 -29.34	109.51 7.21 -27.23	129.65 8.79 -39.49	141.02 7.90 -60.63	143.86 8.33 -61.10	146.45 10.14 -44.14	114.04 11.49 -2.61	107.57 10.52 -4.69	102.42 9.82 -5.66	99.00 9.51 -3.00	93.17 8.91 -4.64	96.61 10.64 -0.16	120.85 10.91 -21.90	123.74 12.48 -8.89	122.53 11.45 -18.00	113.49 9.65 -25.33	100.32 8.97 -18.43	99.04 8.99 -16.99	81.89 8.51 0.00	81.54 7.62 0.00
CALPINE BETH_PAGE_GT4 24209	117.50 5.42 -56.17	105.74 4.89 -45.92	104.20 5.05 -35.27	101.93 4.82 -36.16	107.32 5.84 -29.34	108.84 6.53 -27.23	128.75 7.89 -39.49	140.08 6.96 -60.63	143.60 7.29 -61.88	145.07 8.76 -44.14	111.75 9.20 -2.61	105.76 8.59 -4.81	100.34 7.74 -5.66	97.27 7.78 -3.00	91.50 7.24 -4.64	94.55 8.58 -0.16	121.43 8.54 -24.86	121.95 9.83 -9.75	122.35 8.84 -20.43	113.54 7.54 -27.50	98.80 7.00 -18.87	98.85 7.16 -18.62	80.64 7.26 0.00	80.28 6.36 0.00
CALPINE_BETH_PAGE_GT_4 323586	117.50 5.42 -56.17	105.80 4.95 -45.92	104.20 5.05 -35.27	101.93 4.81 -36.16	107.17 5.70 -29.34	108.68 6.38 -27.23	128.59 7.73 -39.49	140.08 6.96 -60.63	143.53 7.22 -61.88	145.07 8.76 -44.14	111.75 9.19 -2.61	105.57 8.40 -4.81	100.59 7.99 -5.66	97.18 7.70 -3.00	91.50 7.24 -4.64	94.55 8.58 -0.16	121.43 8.54 -24.86	121.74 9.62 -9.75	122.35 8.85 -20.43	113.54 7.54 -27.50	98.80 7.00 -18.87	98.78 7.09 -18.62	80.57 7.20 0.00	80.28 6.36 0.00
CALPINE_BP_GT1 23823	117.50 5.42 -56.17	105.80 4.95 -45.92	104.20 5.05 -35.27	101.93 4.81 -36.16	107.17 5.70 -29.34	108.68 6.38 -27.23	128.59 7.73 -39.49	140.08 6.96 -60.63	143.53 7.22 -61.88	145.07 8.76 -44.14	111.75 9.19 -2.61	105.57 8.40 -4.81	100.59 7.99 -5.66	97.18 7.70 -3.00	91.50 7.24 -4.64	94.55 8.58 -0.16	121.43 8.54 -24.86	121.74 9.62 -9.75	122.35 8.85 -20.43	113.54 7.54 -27.50	98.80 7.00 -18.87	98.78 7.09 -18.62	80.57 7.20 0.00	80.28 6.36 0.00
CALSPAN___DRP 24200	60.42 -4.98 -9.49	57.53 -5.16 -7.76	64.22 -5.62 -5.96	61.46 -5.61 -6.11	70.31 -6.78 -4.96	72.99 -6.68 -4.60	79.82 -8.22 -6.67	72.55 -8.19 -8.25	73.31 -9.01 -7.89	87.30 -10.88 -6.01	88.61 -11.69 -0.36	81.66 -11.27 -0.57	77.46 -10.26 -0.77	76.87 -10.03 -0.41	71.25 -9.00 -0.64	76.74 -9.10 -0.03	78.61 -10.48 -1.05	90.73 -12.28 -0.64	83.14 -10.80 -0.86	71.43 -9.11 -2.03	66.84 -8.31 -2.22	66.06 -8.33 -1.32	67.51 -5.87 0.00	68.97 -4.95 0.00

CALVERTON___SOLAR 323806	118.66 6.59 -56.17	106.74 5.88 -45.92	105.16 6.00 -35.27	102.84 5.73 -36.16	108.33 6.86 -29.34	110.04 7.73 -27.23	130.29 9.43 -39.49	141.60 8.48 -60.63	144.46 8.93 -61.11	147.18 10.87 -44.14	114.95 12.39 -2.61	108.31 11.26 -4.69	103.11 10.52 -5.66	99.60 10.11 -3.00	93.80 9.55 -4.64	97.38 11.41 -0.16	121.65 11.71 -21.90	124.88 13.62 -8.89	123.47 12.38 -18.01	114.28 10.44 -25.33	100.98 9.63 -18.43	99.71 9.64 -16.99	82.55 9.17 0.00	82.13 8.20 0.00
CANDIGU_WT_PWR 323617	65.11 -3.41 -12.62	61.79 -3.46 -10.32	68.04 -3.77 -7.92	65.36 -3.72 -8.12	74.47 -4.26 -6.59	76.99 -4.20 -6.12	85.44 -4.80 -8.87	80.30 -4.71 -12.52	81.11 -5.28 -11.97	94.83 -6.45 -9.11	93.69 -6.80 -0.54	86.56 -6.65 -0.86	82.02 -6.09 -1.17	81.23 -5.88 -0.62	75.31 -5.26 -0.96	81.04 -4.80 -0.04	83.98 -5.64 -1.58	98.12 -5.22 -0.97	88.61 -5.77 -1.30	76.72 -4.87 -3.08	71.78 -4.52 -3.37	70.54 -4.46 -1.93	70.23 -3.15 0.00	71.49 -2.44 0.00
CARR STREET_E_SYR 24060	59.83 -1.23 -5.15	57.78 -1.37 -4.21	65.58 -1.53 -3.24	62.75 -1.52 -3.32	73.03 -1.80 -2.69	75.77 -1.80 -2.50	83.04 -1.95 -3.62	76.39 -1.66 -5.57	77.89 -1.86 -5.32	94.01 -2.21 -4.05	97.78 -2.40 -0.24	90.43 -2.31 -0.38	85.37 -2.09 -0.52	84.69 -2.08 -0.28	78.21 -1.83 -0.43	83.85 -1.97 -0.01	86.63 -2.11 -0.70	100.55 -2.25 -0.43	91.52 -2.14 -0.58	78.07 -1.80 -1.37	72.67 -1.75 -1.50	72.24 -1.68 -0.84	71.62 -1.76 0.00	72.15 -1.77 0.00
CARTHAGE___PAPER 23857	58.25 -0.22 -2.57	56.82 -0.22 -2.10	65.49 0.00 -1.61	62.85 0.24 -1.65	73.77 0.29 -1.34	76.62 0.30 -1.25	83.91 0.73 -1.81	76.36 1.09 -2.78	77.75 0.67 -2.65	94.93 0.73 -2.02	100.16 0.10 -0.12	92.73 0.19 -0.19	87.03 -0.17 -0.26	86.54 0.32 -0.14	80.14 0.26 -0.21	86.07 0.26 -0.01	88.92 0.53 -0.35	103.61 1.02 -0.21	94.02 0.66 -0.29	79.66 0.47 -0.68	73.89 0.22 -0.75	73.57 0.07 -0.42	73.31 -0.07 0.00	73.78 -0.15 0.00
CASSADAGA_WT_PWR 323784	61.60 -4.25 -9.95	58.62 -4.45 -8.13	65.27 -4.86 -6.25	62.60 -4.75 -6.40	72.00 -5.34 -5.20	74.72 -5.18 -4.82	82.26 -6.10 -6.99	75.31 -6.02 -8.84	76.25 -6.62 -8.45	90.77 -7.83 -6.43	92.43 -7.90 -0.38	84.84 -8.13 -0.61	80.29 -7.48 -0.83	80.01 -6.92 -0.44	73.85 -6.45 -0.68	80.17 -5.67 -0.03	81.85 -7.31 -1.12	96.40 -6.65 -0.69	86.55 -7.45 -0.92	74.17 -6.52 -2.17	69.26 -6.05 -2.38	68.49 -5.99 -1.40	69.64 -3.74 0.00	71.33 -2.59 0.00
CE_DUNWOOD___DRP 24194	115.85 3.91 -56.03	104.43 3.68 -45.82	103.10 4.02 -35.20	100.87 3.84 -36.08	105.88 4.47 -29.28	107.05 4.80 -27.17	126.38 5.61 -39.39	138.05 5.07 -60.48	137.74 5.51 -57.81	143.12 6.91 -44.03	109.84 7.30 -2.60	103.22 6.74 -4.12	98.76 6.17 -5.65	95.62 6.14 -2.99	90.13 5.89 -4.63	92.58 6.61 -0.16	102.36 6.69 -7.63	114.81 7.78 -4.66	106.34 6.98 -6.28	99.25 5.89 -14.86	94.66 5.47 -16.27	87.68 5.48 -9.12	78.74 5.36 0.00	78.88 4.95 0.00
CE_MILLWOOD___DRP 24193	115.52 3.80 -55.82	104.09 3.52 -45.64	102.77 3.83 -35.06	100.61 3.72 -35.94	105.55 4.26 -29.16	106.80 4.65 -27.07	125.98 5.37 -39.24	137.60 4.86 -60.25	137.30 5.28 -57.59	142.67 6.64 -43.86	109.53 7.00 -2.59	102.93 6.46 -4.11	98.48 5.91 -5.62	95.35 5.88 -2.98	89.88 5.65 -4.61	92.32 6.35 -0.16	102.06 6.43 -7.60	114.49 7.47 -4.65	106.04 6.70 -6.25	98.96 5.65 -14.80	94.38 5.25 -16.20	87.42 5.26 -9.09	78.52 5.14 0.00	78.66 4.73 0.00
CE_NYC2_DRP 24202	116.76 4.70 -56.16	105.25 4.40 -45.92	103.95 4.79 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.61 6.75 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.47 8.11 -51.18	111.04 8.50 -2.60	121.00 7.94 -20.70	116.55 7.39 -22.22	107.59 7.35 -13.74	107.82 7.01 -21.21	93.78 7.81 -0.17	121.82 7.92 -25.86	125.32 9.11 -13.84	107.57 8.19 -6.30	100.39 6.99 -14.90	95.65 6.42 -16.31	97.54 6.50 -17.96	89.84 6.38 -10.08	79.85 5.91 -0.01
CE_NYC_DRP 24195	116.52 4.47 -56.15	105.02 4.18 -45.91	103.68 4.54 -35.27	101.43 4.33 -36.15	106.45 4.98 -29.34	107.71 5.41 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	160.49 7.83 -60.49	110.74 8.20 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.58 7.09 -2.99	109.89 6.77 -23.51	96.86 7.55 -3.50	103.34 7.66 -7.64	115.74 8.70 -4.67	107.19 7.82 -6.29	110.27 6.67 -25.09	95.35 6.13 -16.30	88.50 6.28 -9.14	92.26 6.09 -12.79	79.54 5.62 0.00
CHAFFEE___LFGE 323603	61.01 -4.75 -9.86	58.05 -4.94 -8.06	64.51 -5.56 -6.19	61.70 -5.61 -6.35	70.79 -6.49 -5.15	73.17 -6.68 -4.78	80.16 -8.14 -6.93	73.03 -8.19 -8.73	73.91 -8.86 -8.34	87.74 -10.78 -6.36	89.13 -11.19 -0.38	81.96 -10.99 -0.60	77.59 -10.17 -0.82	77.16 -9.77 -0.44	71.37 -8.91 -0.67	77.34 -8.50 -0.03	79.02 -10.12 -1.11	93.02 -10.03 -0.68	83.47 -10.52 -0.91	71.70 -8.95 -2.15	67.04 -8.24 -2.35	66.35 -8.11 -1.39	67.51 -5.87 0.00	69.12 -4.80 0.00
CHATEAUG_35_KV_LOAD 355732	55.79 -0.11 0.00	55.16 0.22 0.00	64.33 0.45 0.00	61.56 0.61 0.00	72.93 0.79 0.00	75.68 0.60 0.00	81.70 0.33 0.00	72.78 0.29 0.00	74.57 0.15 0.00	91.71 -0.46 0.00	99.65 -0.30 0.00	92.08 -0.43 0.00	86.51 -0.43 0.00	86.15 -0.35 0.00	78.89 -0.72 0.00	84.86 -0.94 0.00	87.60 -0.44 0.00	101.96 -0.41 0.00	92.89 -0.19 0.00	78.19 -0.31 0.00	72.71 -0.22 0.00	72.78 -0.29 0.00	73.09 -0.29 0.00	74.29 0.37 0.00
CHATEAUG_WT_PWR 323614	55.68 -0.22 0.00	54.99 0.05 0.00	64.27 0.39 0.00	61.50 0.55 0.00	72.78 0.65 0.00	75.60 0.53 0.00	81.62 0.24 0.00	72.64 0.15 0.00	74.50 0.07 0.00	91.43 -0.74 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.74 -0.87 0.00	84.69 -1.12 0.00	87.24 -0.79 0.00	101.45 -0.92 0.00	92.52 -0.56 0.00	77.96 -0.55 0.00	72.34 -0.59 0.00	72.34 -0.73 0.00	72.87 -0.51 0.00	74.22 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	55.79 -0.11 0.00	55.16 0.22 0.00	64.33 0.45 0.00	61.56 0.61 0.00	72.93 0.79 0.00	75.68 0.60 0.00	81.70 0.33 0.00	72.78 0.29 0.00	74.57 0.15 0.00	91.71 -0.46 0.00	99.65 -0.30 0.00	92.08 -0.43 0.00	86.51 -0.43 0.00	86.15 -0.35 0.00	78.89 -0.72 0.00	84.86 -0.94 0.00	87.60 -0.44 0.00	101.96 -0.41 0.00	92.89 -0.19 0.00	78.19 -0.31 0.00	72.71 -0.22 0.00	72.78 -0.29 0.00	73.09 -0.29 0.00	74.29 0.37 0.00
CHAUTAUQUA___LFGE 323629	61.16 -4.42 -9.68	58.23 -4.61 -7.91	64.84 -5.11 -6.08	62.13 -5.06 -6.23	71.42 -5.77 -5.06	74.06 -5.71 -4.69	81.34 -6.83 -6.80	74.15 -6.82 -8.48	75.01 -7.51 -8.10	89.32 -9.03 -6.17	91.02 -9.29 -0.37	83.61 -9.32 -0.58	79.22 -8.52 -0.80	78.88 -8.04 -0.42	72.86 -7.40 -0.65	78.80 -7.03 -0.03	80.66 -8.45 -1.07	94.74 -8.29 -0.66	85.21 -8.75 -0.88	73.06 -7.54 -2.09	68.28 -6.93 -2.28	67.70 -6.72 -1.35	68.61 -4.77 0.00	70.23 -3.69 0.00
CHERRYST_13_KV_LD 356241	116.69 4.64 -56.15	105.19 4.34 -45.91	103.87 4.73 -35.27	101.56 4.45 -36.15	106.67 5.19 -29.34	107.93 5.63 -27.23	127.51 6.67 -39.47	139.04 5.94 -60.61	138.83 6.48 -57.93	144.50 8.20 -44.12	111.14 8.60 -2.60	104.52 8.03 -4.13	99.99 7.39 -5.66	96.84 7.35 -2.99	91.34 7.09 -4.64	93.86 7.89 -0.16	103.61 7.92 -7.64	116.15 9.11 -4.67	107.56 8.19 -6.29	100.30 6.91 -14.89	95.57 6.34 -16.30	88.72 6.50 -9.14	79.69 6.31 0.00	79.76 5.84 0.00

CHESTROR_138KV_BK263 355645	110.92 3.02 -52.00	100.26 2.80 -42.52	99.67 3.13 -32.66	97.42 2.99 -33.48	102.70 3.39 -27.17	104.05 3.75 -25.22	122.24 4.31 -36.56	132.53 3.91 -56.12	132.31 4.24 -53.64	138.28 5.25 -40.86	107.85 5.50 -2.41	101.26 5.08 -3.82	96.87 4.69 -5.24	93.94 4.67 -2.77	88.45 4.54 -4.30	91.10 5.15 -0.15	100.31 5.19 -7.08	112.74 6.04 -4.33	104.30 5.40 -5.83	96.92 4.63 -13.79	92.25 4.23 -15.09	85.78 4.24 -8.47	77.49 4.11 0.00	77.77 3.84 0.00
CH_MIDHUDSON___DRP 24192	116.93 4.14 -56.89	105.30 3.85 -46.52	103.96 4.34 -35.73	101.73 4.14 -36.63	106.69 4.83 -29.72	107.92 5.26 -27.59	127.30 5.94 -39.99	139.19 5.29 -61.41	138.85 5.73 -58.69	143.97 7.10 -44.70	110.08 7.50 -2.64	103.28 6.74 -4.18	98.93 6.26 -5.73	95.76 6.23 -3.03	90.28 5.97 -4.70	92.75 6.78 -0.17	102.65 6.87 -7.75	115.19 8.09 -4.73	106.71 7.26 -6.37	99.79 6.20 -15.09	95.13 5.69 -16.51	87.96 5.63 -9.26	78.81 5.43 0.00	79.02 5.10 0.00
CH_MISC_IPPS 23765	116.14 4.36 -55.87	104.63 4.01 -45.68	103.51 4.54 -35.09	101.25 4.33 -35.97	106.30 4.97 -29.19	107.64 5.48 -27.09	126.83 6.18 -39.27	138.30 5.51 -60.30	138.09 6.03 -57.64	143.53 7.46 -43.90	110.33 7.80 -2.59	103.48 7.02 -4.11	99.09 6.52 -5.63	95.96 6.49 -2.98	90.44 6.21 -4.62	93.09 7.12 -0.16	102.86 7.22 -7.61	115.41 8.40 -4.65	106.97 7.63 -6.26	99.91 6.60 -14.81	95.13 5.98 -16.22	88.02 5.85 -9.10	79.18 5.80 0.00	79.32 5.39 0.00
CH_RES_BVR_FALLS 23983	55.18 -0.73 0.00	54.33 -0.60 0.00	63.18 -0.70 0.00	60.41 -0.55 0.00	71.56 -0.58 0.00	74.47 -0.60 0.00	80.81 -0.57 0.00	72.06 -0.43 0.00	74.06 -0.37 0.00	91.71 -0.46 0.00	99.55 -0.40 0.00	92.08 -0.28 0.00	86.59 -0.35 0.00	86.15 -0.34 0.00	79.29 -0.32 0.00	85.38 -0.43 0.00	87.60 -0.44 0.00	101.86 -0.51 0.00	92.62 -0.46 0.00	78.11 -0.39 0.00	72.57 -0.36 0.00	72.71 -0.36 0.00	73.01 -0.37 0.00	73.70 -0.22 0.00
CH_RES_NIAGARA 23895	59.25 -5.42 -8.77	56.56 -5.55 -7.17	63.19 -6.20 -5.51	60.45 -6.16 -5.65	69.14 -7.57 -4.58	71.60 -7.73 -4.25	77.61 -9.93 -6.17	69.72 -10.00 -7.23	70.33 -11.01 -6.91	84.17 -13.27 -5.27	85.97 -14.29 -0.32	79.00 -13.85 -0.50	74.93 -12.69 -0.68	74.40 -12.46 -0.36	69.10 -11.07 -0.56	73.99 -11.84 -0.03	75.66 -13.29 -0.92	87.07 -15.87 -0.56	79.78 -14.06 -0.76	68.59 -11.70 -1.78	64.38 -10.50 -1.95	64.09 -10.16 -1.17	64.72 -8.66 0.00	66.09 -7.84 0.00
CH_RES_SYRACUSE 23985	60.92 -0.73 -5.75	58.76 -0.88 -4.70	66.46 -1.02 -3.61	63.62 -1.04 -3.70	73.98 -1.16 -3.00	76.66 -1.20 -2.79	84.19 -1.22 -4.04	77.69 -1.01 -6.21	79.09 -1.27 -5.93	95.21 -1.48 -4.52	98.61 -1.60 -0.27	91.30 -1.48 -0.42	86.13 -1.39 -0.58	85.41 -1.39 -0.31	78.89 -1.19 -0.48	84.62 -1.20 -0.02	87.50 -1.32 -0.78	101.51 -1.33 -0.48	92.42 -1.30 -0.64	78.93 -1.10 -1.53	73.58 -1.02 -1.67	72.99 -1.02 -0.94	72.28 -1.10 0.00	72.82 -1.11 0.00
CLINTON_WT_PWR 323605	55.68 -0.22 0.00	54.99 0.05 0.00	64.27 0.39 0.00	61.50 0.55 0.00	72.78 0.65 0.00	75.60 0.53 0.00	81.62 0.24 0.00	72.64 0.15 0.00	74.50 0.07 0.00	91.43 -0.74 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.74 -0.87 0.00	84.69 -1.12 0.00	87.24 -0.79 0.00	101.45 -0.92 0.00	92.52 -0.56 0.00	77.96 -0.55 0.00	72.34 -0.59 0.00	72.34 -0.73 0.00	72.87 -0.51 0.00	74.22 0.30 0.00
CLINTON___LFGE 323618	56.58 0.67 0.00	55.93 0.99 0.00	65.28 1.40 0.00	62.60 1.65 0.00	73.86 1.73 0.00	76.72 1.65 0.00	82.75 1.38 0.00	73.65 1.16 0.00	75.47 1.04 0.00	92.36 0.18 0.00	100.35 0.40 0.00	92.73 0.37 0.00	87.11 0.17 0.00	86.67 0.17 0.00	79.29 -0.32 0.00	85.29 -0.51 0.00	88.21 0.18 0.00	102.57 0.21 0.00	93.64 0.56 0.00	78.82 0.32 0.00	73.29 0.37 0.00	73.15 0.07 0.00	73.75 0.37 0.00	75.40 1.48 0.00
COBBLENY_34_KV_TB1 80064	60.79 -4.98 -9.86	57.83 -5.16 -8.06	64.45 -5.62 -6.19	61.63 -5.67 -6.35	70.51 -6.78 -5.15	73.10 -6.76 -4.78	80.08 -8.22 -6.93	73.03 -8.19 -8.73	73.84 -8.93 -8.34	87.74 -10.78 -6.36	88.73 -11.59 -0.38	81.78 -11.18 -0.60	77.50 -10.26 -0.82	76.98 -9.95 -0.44	71.29 -9.00 -0.67	76.82 -9.01 -0.03	78.84 -10.30 -1.11	90.97 -12.08 -0.68	83.38 -10.61 -0.91	71.70 -8.95 -2.15	67.04 -8.24 -2.35	66.13 -8.33 -1.39	67.66 -5.72 0.00	69.12 -4.81 0.00
COFFEEN___115KV_TB3 355620	59.46 0.61 -2.94	57.78 0.44 -2.40	66.56 0.83 -1.85	63.70 0.85 -1.89	74.75 1.08 -1.54	77.55 1.05 -1.43	84.98 1.55 -2.07	77.63 1.96 -3.18	78.88 1.41 -3.04	96.24 1.75 -2.31	101.08 1.00 -0.14	93.68 1.11 -0.22	87.93 0.70 -0.30	87.34 0.69 -0.16	81.05 1.19 -0.24	87.19 1.37 -0.01	90.11 1.67 -0.40	104.97 2.35 -0.24	95.18 1.77 -0.33	80.70 1.41 -0.78	74.88 1.09 -0.85	74.58 1.02 -0.48	74.26 0.88 0.00	74.59 0.67 0.00
COLDSPRG_115KV_BK1 355956	62.14 -4.14 -10.38	59.03 -4.40 -8.48	65.73 -4.66 -6.52	63.00 -4.63 -6.68	72.07 -5.48 -5.42	74.93 -5.18 -5.03	82.48 -6.18 -7.29	75.81 -6.09 -9.40	76.86 -6.55 -8.99	91.19 -7.83 -6.85	92.06 -8.30 -0.41	84.87 -8.13 -0.65	80.35 -7.48 -0.88	80.04 -6.92 -0.47	73.81 -6.53 -0.72	79.91 -5.92 -0.03	82.01 -7.22 -1.19	94.91 -8.19 -0.73	86.80 -7.26 -0.98	74.54 -6.28 -2.31	69.41 -6.05 -2.53	68.20 -6.36 -1.49	70.37 -3.01 0.00	72.08 -1.85 0.00
COLONIE_LFGE___ 323577	129.47 2.91 -70.66	115.62 2.91 -57.78	111.71 3.45 -44.38	109.68 3.23 -45.50	112.95 3.89 -36.92	113.47 4.13 -34.26	135.35 4.31 -49.67	152.61 3.77 -76.35	151.41 4.02 -72.97	152.73 4.97 -55.58	108.62 5.39 -3.28	102.45 4.89 -5.20	98.58 4.52 -7.13	94.76 4.49 -3.77	89.75 4.30 -5.85	90.64 4.63 -0.21	102.42 4.75 -9.63	113.88 5.63 -5.89	106.03 5.02 -7.93	101.50 4.24 -18.75	97.40 3.94 -20.53	88.53 3.94 -11.51	77.34 3.96 0.00	77.77 3.84 0.00
COOPERNY_115KV_TB1 80082	100.52 2.18 -42.43	91.61 1.98 -34.70	92.77 2.24 -26.65	90.41 2.13 -27.32	96.76 2.45 -22.17	98.28 2.63 -20.58	114.29 3.09 -29.83	121.09 2.83 -45.77	121.15 2.98 -43.75	129.27 3.78 -33.32	105.81 3.90 -1.96	99.17 3.69 -3.12	94.60 3.39 -4.27	92.13 3.37 -2.26	86.30 3.18 -3.51	89.53 3.60 -0.12	97.51 3.70 -5.77	110.20 4.30 -3.53	101.65 3.82 -4.75	93.05 3.30 -11.24	88.23 2.99 -12.31	82.98 3.00 -6.91	76.31 2.94 0.00	76.66 2.74 0.00
COPENHAGEN_WT_PWR 323753	59.00 0.06 -3.04	57.37 -0.05 -2.49	65.98 0.19 -1.91	63.16 0.24 -1.96	74.09 0.36 -1.59	76.85 0.30 -1.47	84.08 0.57 -2.14	76.87 1.09 -3.28	78.16 0.59 -3.14	95.30 0.73 -2.39	100.19 0.10 -0.14	92.86 0.28 -0.22	87.16 -0.09 -0.31	86.57 -0.09 -0.16	80.34 0.48 -0.25	86.33 0.52 -0.01	89.07 0.62 -0.41	103.75 1.13 -0.25	94.08 0.66 -0.34	79.79 0.47 -0.81	74.03 0.22 -0.88	73.79 0.22 -0.50	73.45 0.07 0.00	73.85 -0.07 0.00
CORNELL_____ 23752	68.79 0.45 -12.44	65.33 0.22 -10.17	72.08 0.38 -7.81	69.21 0.24 -8.01	78.92 0.29 -6.50	81.56 0.45 -6.03	90.85 0.73 -8.74	86.50 0.72 -13.28	87.57 0.45 -12.70	102.49 0.65 -9.67	101.02 0.50 -0.57	93.72 0.46 -0.91	88.62 0.43 -1.24	87.58 0.43 -0.66	81.11 0.48 -1.02	86.70 0.86 -0.04	90.59 0.88 -1.68	104.72 1.33 -1.02	95.67 1.21 -1.38	82.71 0.94 -3.26	77.30 0.80 -3.57	75.74 0.66 -2.01	74.26 0.88 0.00	74.89 0.96 0.00

CORONA__69_KV_TB1 355595	117.28 5.20 -56.18	105.64 4.78 -45.92	104.07 4.92 -35.27	101.81 4.69 -36.16	107.18 5.70 -29.34	108.61 6.31 -27.23	128.43 7.57 -39.49	139.73 6.60 -60.64	144.97 6.92 -63.62	144.99 8.66 -44.15	111.86 9.29 -2.62	106.02 8.59 -5.08	100.51 7.91 -5.66	97.45 7.96 -3.00	91.66 7.40 -4.64	94.63 8.67 -0.16	127.95 8.54 -31.37	123.87 9.83 -11.67	127.69 8.84 -25.77	118.32 7.54 -32.28	99.85 7.07 -19.85	102.45 7.16 -22.21	80.50 7.12 0.00	80.21 6.28 0.00
CORTLAND__115KV_TB3 80093	66.14 0.06 -10.18	63.15 -0.11 -8.33	70.21 -0.06 -6.40	67.39 -0.12 -6.56	77.31 -0.14 -5.32	80.01 0.00 -4.94	88.61 0.08 -7.16	83.53 0.14 -10.89	84.76 -0.07 -10.41	100.01 -0.09 -7.93	100.31 -0.10 -0.47	92.91 -0.18 -0.74	87.87 -0.09 -1.02	86.86 -0.17 -0.54	80.44 0.00 -0.83	86.01 0.17 -0.03	89.50 0.09 -1.37	103.52 0.31 -0.84	94.49 0.28 -1.13	81.34 0.16 -2.68	75.93 0.07 -2.93	74.79 0.07 -1.65	73.67 0.29 0.00	74.22 0.30 0.00
COXSACKIE__GT 23611	126.49 4.36 -66.22	113.09 4.01 -54.14	110.33 4.85 -41.59	108.17 4.57 -42.64	112.07 5.34 -34.60	113.05 5.86 -32.11	134.27 6.35 -46.55	149.36 5.36 -71.50	148.57 5.81 -68.34	150.95 6.73 -52.05	109.51 6.49 -3.07	102.77 5.54 -4.87	98.92 5.30 -6.67	95.39 5.36 -3.53	90.42 5.33 -5.48	92.52 6.52 -0.19	103.74 6.69 -9.02	117.20 9.31 -5.51	107.85 7.35 -7.42	102.51 6.44 -17.56	98.06 5.90 -19.23	89.27 5.41 -10.78	79.54 6.16 0.00	80.20 6.28 0.00
CPV_VALLEY__CC1 323721	106.95 2.52 -48.53	96.93 2.31 -39.68	96.92 2.56 -30.48	94.64 2.44 -31.25	100.23 2.74 -25.36	101.69 3.08 -23.53	118.98 3.50 -34.12	128.13 3.27 -52.37	127.98 3.50 -50.06	134.72 4.42 -38.12	106.79 4.60 -2.25	100.18 4.25 -3.57	95.74 3.92 -4.89	92.98 3.90 -2.59	87.36 3.74 -4.01	90.23 4.29 -0.14	98.96 4.31 -6.61	111.32 4.91 -4.04	102.98 4.47 -5.44	95.22 3.85 -12.86	90.51 3.50 -14.08	84.48 3.51 -7.90	76.83 3.45 0.00	77.10 3.18 0.00
CPV_VALLEY__CC2 323722	106.95 2.52 -48.53	96.93 2.31 -39.68	96.92 2.56 -30.48	94.64 2.44 -31.25	100.23 2.74 -25.36	101.69 3.08 -23.53	118.98 3.50 -34.12	128.13 3.27 -52.37	127.98 3.50 -50.06	134.72 4.42 -38.12	106.79 4.60 -2.25	100.18 4.25 -3.57	95.74 3.92 -4.89	92.98 3.90 -2.59	87.36 3.74 -4.01	90.23 4.29 -0.14	98.96 4.31 -6.61	111.32 4.91 -4.04	102.98 4.47 -5.44	95.22 3.85 -12.86	90.51 3.50 -14.08	84.48 3.51 -7.90	76.83 3.45 0.00	77.10 3.18 0.00
CRESCENT__HYD 24018	129.47 2.91 -70.66	115.62 2.91 -57.78	111.71 3.45 -44.38	109.68 3.23 -45.50	112.95 3.89 -36.92	113.47 4.13 -34.26	135.35 4.31 -49.67	152.61 3.77 -76.35	151.41 4.02 -72.97	152.73 4.97 -55.58	108.62 5.39 -3.28	102.45 4.89 -5.20	98.58 4.52 -7.13	94.76 4.49 -3.77	89.75 4.30 -5.85	90.64 4.63 -0.21	102.42 4.75 -9.63	113.88 5.63 -5.89	106.03 5.02 -7.93	101.50 4.24 -18.75	97.40 3.94 -20.53	88.53 3.94 -11.51	77.34 3.96 0.00	77.77 3.84 0.00
CRICKET__VALLEY_CC1 323756	118.85 3.58 -59.36	106.88 3.41 -48.54	105.00 3.83 -37.29	102.83 3.66 -38.22	107.41 4.25 -31.02	108.44 4.58 -28.79	128.15 5.05 -41.73	141.15 4.57 -64.08	140.51 4.83 -61.25	144.81 5.99 -46.65	109.10 6.40 -2.75	102.55 5.82 -4.37	98.31 5.39 -5.98	95.02 5.36 -3.17	89.77 5.25 -4.91	91.73 5.75 -0.17	101.84 5.72 -8.08	113.87 6.56 -4.94	105.69 5.96 -6.65	99.35 5.10 -15.74	94.83 4.67 -17.23	87.49 4.75 -9.67	78.22 4.84 0.00	78.36 4.44 0.00
CRICKET__VALLEY_CC2 323757	118.85 3.58 -59.36	106.88 3.41 -48.54	105.00 3.83 -37.29	102.83 3.66 -38.22	107.41 4.25 -31.02	108.44 4.58 -28.79	128.15 5.05 -41.73	141.15 4.57 -64.08	140.51 4.83 -61.25	144.81 5.99 -46.65	109.10 6.40 -2.75	102.55 5.82 -4.37	98.31 5.39 -5.98	95.02 5.36 -3.17	89.77 5.25 -4.91	91.73 5.75 -0.17	101.84 5.72 -8.08	113.87 6.56 -4.94	105.69 5.96 -6.65	99.35 5.10 -15.74	94.83 4.67 -17.23	87.49 4.75 -9.67	78.22 4.84 0.00	78.36 4.44 0.00
CRICKET__VALLEY_CC3 323758	118.85 3.58 -59.36	106.88 3.41 -48.54	105.00 3.83 -37.29	102.83 3.66 -38.22	107.41 4.25 -31.02	108.44 4.58 -28.79	128.15 5.05 -41.73	141.15 4.57 -64.08	140.51 4.83 -61.25	144.81 5.99 -46.65	109.10 6.40 -2.75	102.55 5.82 -4.37	98.31 5.39 -5.98	95.02 5.36 -3.17	89.77 5.25 -4.91	91.73 5.75 -0.17	101.84 5.72 -8.08	113.87 6.56 -4.94	105.69 5.96 -6.65	99.35 5.10 -15.74	94.83 4.67 -17.23	87.49 4.75 -9.67	78.22 4.84 0.00	78.36 4.44 0.00
CRUCIBLE_METL_DRP 24180	60.92 -0.73 -5.75	58.76 -0.88 -4.70	66.47 -1.02 -3.61	63.62 -1.04 -3.70	73.91 -1.23 -3.00	76.74 -1.13 -2.79	84.19 -1.22 -4.04	77.69 -1.01 -6.21	79.10 -1.27 -5.93	95.31 -1.38 -4.52	98.61 -1.60 -0.27	91.30 -1.48 -0.42	86.22 -1.30 -0.58	85.42 -1.38 -0.31	78.89 -1.19 -0.48	84.62 -1.20 -0.02	87.50 -1.32 -0.78	101.42 -1.43 -0.48	92.42 -1.30 -0.64	78.93 -1.10 -1.53	73.58 -1.02 -1.67	72.99 -1.02 -0.94	72.35 -1.03 0.00	72.82 -1.11 0.00
DAHOWA__HYDRO 323763	130.47 2.85 -71.71	116.98 3.41 -58.64	112.89 3.96 -45.04	110.79 3.66 -46.17	114.15 4.55 -37.47	114.58 4.73 -34.77	137.00 5.21 -50.41	154.40 4.42 -77.48	153.62 5.13 -74.06	154.85 6.27 -56.41	109.97 6.70 -3.32	103.55 5.92 -5.28	99.48 5.30 -7.23	95.60 5.28 -3.83	90.56 5.02 -5.93	91.68 5.66 -0.21	103.71 5.90 -9.77	115.40 7.06 -5.97	107.54 6.42 -8.04	102.80 5.26 -19.03	98.73 4.96 -20.84	89.58 4.82 -11.69	78.01 4.63 0.00	78.36 4.44 0.00
DANC__LFGE 323619	58.88 -0.61 -3.59	57.15 -0.72 -2.93	65.49 -0.64 -2.25	62.65 -0.61 -2.31	73.36 -0.65 -1.87	76.06 -0.75 -1.74	83.16 -0.73 -2.52	76.08 -0.29 -3.87	77.38 -0.74 -3.70	94.25 -0.74 -2.82	98.92 -1.19 -0.17	91.61 -1.01 -0.26	86.17 -1.13 -0.36	85.56 -1.13 -0.19	79.19 -0.72 -0.30	85.13 -0.69 -0.01	87.82 -0.71 -0.49	102.06 -0.61 -0.30	92.64 -0.84 -0.40	78.67 -0.78 -0.95	73.17 -0.80 -1.04	72.93 -0.73 -0.58	72.57 -0.81 0.00	72.96 -0.96 0.00
DANSKAMMER__1 23586	116.14 4.36 -55.87	104.63 4.01 -45.68	103.51 4.54 -35.09	101.25 4.33 -35.97	106.30 4.97 -29.19	107.64 5.48 -27.09	126.83 6.18 -39.27	138.30 5.51 -60.30	138.09 6.03 -57.64	143.53 7.46 -43.90	110.33 7.80 -2.59	103.48 7.02 -4.11	99.09 6.52 -5.63	95.96 6.49 -2.98	90.44 6.21 -4.62	93.09 7.12 -0.16	102.86 7.22 -7.61	115.41 8.40 -4.65	106.97 7.63 -6.26	99.91 6.60 -14.81	95.13 5.98 -16.22	88.02 5.85 -9.10	79.18 5.80 0.00	79.32 5.39 0.00
DANSKAMMER__2 23589	116.14 4.36 -55.87	104.63 4.01 -45.68	103.51 4.54 -35.09	101.25 4.33 -35.97	106.30 4.97 -29.19	107.64 5.48 -27.09	126.83 6.18 -39.27	138.30 5.51 -60.30	138.09 6.03 -57.64	143.53 7.46 -43.90	110.33 7.80 -2.59	103.48 7.02 -4.11	99.09 6.52 -5.63	95.96 6.49 -2.98	90.44 6.21 -4.62	93.09 7.12 -0.16	102.86 7.22 -7.61	115.41 8.40 -4.65	106.97 7.63 -6.26	99.91 6.60 -14.81	95.13 5.98 -16.22	88.02 5.85 -9.10	79.18 5.80 0.00	79.32 5.39 0.00
DANSKAMMER__3 23590	116.14 4.36 -55.87	104.63 4.01 -45.68	103.51 4.54 -35.09	101.25 4.33 -35.97	106.30 4.97 -29.19	107.64 5.48 -27.09	126.83 6.18 -39.27	138.30 5.51 -60.30	138.09 6.03 -57.64	143.53 7.46 -43.90	110.33 7.80 -2.59	103.48 7.02 -4.11	99.09 6.52 -5.63	95.96 6.49 -2.98	90.44 6.21 -4.62	93.09 7.12 -0.16	102.86 7.22 -7.61	115.41 8.40 -4.65	106.97 7.63 -6.26	99.91 6.60 -14.81	95.13 5.98 -16.22	88.02 5.85 -9.10	79.18 5.80 0.00	79.32 5.39 0.00

DANSKAMMER___4 23591	116.14 4.36 -55.87	104.63 4.01 -45.68	103.51 4.54 -35.09	101.25 4.33 -35.97	106.30 4.97 -29.19	107.64 5.48 -27.09	126.83 6.18 -39.27	138.30 5.51 -60.30	138.09 6.03 -57.64	143.53 7.46 -43.90	110.33 7.80 -2.59	103.48 7.02 -4.11	99.09 6.52 -5.63	95.96 6.49 -2.98	90.44 6.21 -4.62	93.09 7.12 -0.16	102.86 7.22 -7.61	115.41 8.40 -4.65	106.97 7.63 -6.26	99.91 6.60 -14.81	95.13 5.98 -16.22	88.02 5.85 -9.10	79.18 5.80 0.00	79.32 5.39 0.00
DANSKAMMER___DIESEL 23592	116.13 4.36 -55.87	104.63 4.01 -45.68	103.51 4.54 -35.09	101.32 4.39 -35.97	106.30 4.98 -29.19	107.65 5.48 -27.09	126.83 6.18 -39.27	138.30 5.51 -60.30	138.09 6.03 -57.64	143.54 7.47 -43.90	110.33 7.80 -2.59	103.58 7.11 -4.11	99.09 6.52 -5.63	96.05 6.57 -2.98	90.52 6.29 -4.62	93.09 7.12 -0.16	102.95 7.31 -7.61	115.62 8.60 -4.65	106.97 7.63 -6.26	99.91 6.59 -14.81	95.13 5.98 -16.22	88.09 5.92 -9.10	79.10 5.72 0.00	79.32 5.40 0.00
DARBY___SOLAR 323810	130.26 2.79 -71.56	116.75 3.30 -58.51	112.66 3.83 -44.95	110.57 3.53 -46.08	113.85 4.33 -37.39	114.36 4.58 -34.70	136.64 4.96 -50.31	154.09 4.28 -77.32	153.16 4.83 -73.90	154.45 5.99 -56.29	109.56 6.30 -3.32	103.26 5.63 -5.27	99.29 5.13 -7.22	95.42 5.10 -3.82	90.31 4.78 -5.92	91.42 5.41 -0.21	103.34 5.55 -9.75	115.09 6.75 -5.96	107.15 6.05 -8.03	102.53 5.03 -18.99	98.46 4.74 -20.79	89.34 4.61 -11.66	77.86 4.48 0.00	78.14 4.21 0.00
DASHVILLE___HYD 23610	117.60 4.53 -57.17	105.75 4.07 -46.74	104.45 4.66 -35.91	102.21 4.45 -36.81	107.13 5.12 -29.87	108.50 5.71 -27.72	128.07 6.51 -40.19	140.00 5.80 -61.71	139.81 6.40 -58.98	144.84 7.74 -44.92	110.59 8.00 -2.65	103.77 7.20 -4.21	99.31 6.61 -5.76	96.20 6.66 -3.05	90.71 6.37 -4.73	93.52 7.55 -0.17	103.57 7.75 -7.78	116.34 9.21 -4.76	107.58 8.10 -6.41	100.73 7.07 -15.16	95.94 6.42 -16.60	88.52 6.14 -9.31	79.84 6.46 0.00	79.99 6.06 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	119.45 7.38 -56.17	107.39 6.54 -45.92	105.86 6.71 -35.27	103.57 6.46 -36.16	109.48 8.01 -29.34	111.24 8.93 -27.23	131.52 10.66 -39.49	142.54 9.42 -60.63	145.51 9.97 -61.11	148.38 12.07 -44.14	116.25 13.69 -2.61	109.61 12.56 -4.69	103.64 11.04 -5.66	100.56 11.07 -3.00	94.60 10.35 -4.64	98.32 12.36 -0.16	122.97 13.03 -21.91	126.52 15.25 -8.89	124.87 13.78 -18.01	115.46 11.62 -25.33	102.08 10.72 -18.43	100.81 10.74 -16.99	83.58 10.20 0.00	83.02 9.09 0.00
DELAWARE___LFGE 323621	82.39 1.90 -24.58	76.74 1.70 -20.10	81.49 2.17 -15.44	78.73 1.95 -15.83	87.29 2.31 -12.84	89.40 2.40 -11.92	101.50 2.85 -17.28	101.46 2.61 -26.36	102.30 2.68 -25.20	114.77 3.41 -19.19	104.58 3.50 -1.13	97.57 3.42 -1.80	92.44 3.04 -2.46	90.82 3.03 -1.30	84.34 2.71 -2.02	88.97 3.09 -0.07	94.62 3.26 -3.33	108.29 3.89 -2.03	99.26 3.44 -2.74	87.89 2.90 -6.48	82.64 2.63 -7.09	79.61 2.56 -3.98	76.09 2.72 0.00	76.51 2.59 0.00
DERFIELD_115KV_TB7 355931	56.24 0.34 0.00	55.21 0.27 0.00	64.26 0.38 0.00	61.32 0.37 0.00	72.57 0.43 0.00	75.53 0.45 0.00	81.94 0.57 0.00	73.00 0.51 0.00	75.02 0.60 0.00	92.91 0.74 0.00	100.75 0.80 0.00	93.10 0.74 0.00	87.64 0.70 0.00	87.19 0.69 0.00	80.25 0.64 0.00	86.49 0.69 0.00	88.74 0.70 0.00	103.19 0.82 0.00	93.82 0.74 0.00	79.13 0.63 0.00	73.51 0.58 0.00	73.66 0.58 0.00	73.97 0.59 0.00	74.44 0.52 0.00
DOGLEVILLE___HYD 23807	57.75 1.84 0.00	56.75 1.81 0.00	66.11 2.23 0.00	63.09 2.13 0.00	74.73 2.59 0.00	77.85 2.78 0.00	84.54 3.17 0.00	75.39 2.90 0.00	77.33 2.90 0.00	95.86 3.69 0.00	103.84 3.89 0.00	95.95 3.60 0.00	90.24 3.30 0.00	89.70 3.20 0.00	82.71 3.10 0.00	89.15 3.34 0.00	91.47 3.43 0.00	106.36 3.99 0.00	96.62 3.54 0.00	81.49 2.98 0.00	75.70 2.77 0.00	75.85 2.78 0.00	76.24 2.86 0.00	76.80 2.88 0.00
DUNKIRK___115KV_TB_200 55889	60.91 -4.64 -9.65	57.99 -4.83 -7.89	64.77 -5.17 -6.06	62.05 -5.12 -6.21	71.12 -6.06 -5.04	73.97 -5.78 -4.68	81.08 -7.08 -6.78	73.90 -7.03 -8.44	74.76 -7.74 -8.07	89.01 -9.31 -6.15	90.42 -9.89 -0.37	83.24 -9.70 -0.58	78.95 -8.78 -0.79	78.44 -8.48 -0.42	72.62 -7.64 -0.65	78.20 -7.64 -0.03	80.21 -8.89 -1.07	92.58 -10.44 -0.66	84.84 -9.12 -0.88	72.81 -7.77 -2.08	68.13 -7.07 -2.27	67.26 -7.16 -1.35	68.61 -4.77 0.00	70.01 -3.92 0.00
DUNKIRK___1 23563	60.91 -4.64 -9.65	57.99 -4.83 -7.89	64.77 -5.17 -6.06	62.05 -5.12 -6.21	71.12 -6.06 -5.04	73.97 -5.78 -4.68	81.08 -7.08 -6.78	73.90 -7.03 -8.44	74.76 -7.74 -8.07	89.01 -9.31 -6.15	90.42 -9.89 -0.37	83.24 -9.70 -0.58	78.95 -8.78 -0.79	78.44 -8.48 -0.42	72.62 -7.64 -0.65	78.20 -7.64 -0.03	80.21 -8.89 -1.07	92.58 -10.44 -0.66	84.84 -9.12 -0.88	72.81 -7.77 -2.08	68.13 -7.07 -2.27	67.26 -7.16 -1.35	68.61 -4.77 0.00	70.01 -3.92 0.00
DUNKIRK___2 23564	60.91 -4.64 -9.65	57.99 -4.83 -7.89	64.77 -5.17 -6.06	62.05 -5.12 -6.21	71.12 -6.06 -5.04	73.97 -5.78 -4.68	81.08 -7.08 -6.78	73.90 -7.03 -8.44	74.76 -7.74 -8.07	89.01 -9.31 -6.15	90.42 -9.89 -0.37	83.24 -9.70 -0.58	78.95 -8.78 -0.79	78.44 -8.48 -0.42	72.62 -7.64 -0.65	78.20 -7.64 -0.03	80.21 -8.89 -1.07	92.58 -10.44 -0.66	84.84 -9.12 -0.88	72.81 -7.77 -2.08	68.13 -7.07 -2.27	67.26 -7.16 -1.35	68.61 -4.77 0.00	70.01 -3.92 0.00
DUNKIRK___3 23565	60.63 -4.81 -9.53	57.73 -5.00 -7.79	64.50 -5.37 -5.99	61.73 -5.36 -6.14	70.77 -6.35 -4.98	73.47 -6.23 -4.62	80.50 -7.57 -6.70	73.24 -7.54 -8.28	74.08 -8.26 -7.92	88.25 -9.95 -6.03	89.71 -10.59 -0.36	82.58 -10.34 -0.57	78.33 -9.39 -0.78	77.83 -9.08 -0.41	72.05 -8.20 -0.64	77.60 -8.24 -0.03	79.58 -9.51 -1.05	91.85 -11.16 -0.64	84.17 -9.77 -0.86	72.30 -8.24 -2.04	67.58 -7.58 -2.23	66.80 -7.60 -1.32	68.17 -5.21 0.00	69.64 -4.29 0.00
DUNKIRK___4 23566	60.63 -4.81 -9.53	57.73 -5.00 -7.79	64.50 -5.37 -5.99	61.73 -5.36 -6.14	70.77 -6.35 -4.98	73.47 -6.23 -4.62	80.50 -7.57 -6.70	73.24 -7.54 -8.28	74.08 -8.26 -7.92	88.25 -9.95 -6.03	89.71 -10.59 -0.36	82.58 -10.34 -0.57	78.33 -9.39 -0.78	77.83 -9.08 -0.41	72.05 -8.20 -0.64	77.60 -8.24 -0.03	79.58 -9.51 -1.05	91.85 -11.16 -0.64	84.17 -9.77 -0.86	72.30 -8.24 -2.04	67.58 -7.58 -2.23	66.80 -7.60 -1.32	68.17 -5.21 0.00	69.64 -4.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	116.19 4.14 -56.15	104.69 3.85 -45.91	103.36 4.22 -35.27	101.13 4.02 -36.15	106.16 4.69 -29.33	107.41 5.11 -27.23	126.78 5.94 -39.47	138.46 5.36 -60.60	138.16 5.81 -57.93	143.48 7.19 -44.12	110.14 7.60 -2.60	103.51 7.02 -4.13	99.12 6.52 -5.66	95.97 6.49 -2.99	90.46 6.21 -4.64	92.92 6.95 -0.16	102.72 7.04 -7.64	115.13 8.09 -4.67	106.63 7.26 -6.29	99.59 6.20 -14.89	94.91 5.69 -16.30	87.99 5.77 -9.14	78.96 5.58 0.00	79.17 5.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	113.73 3.75 -54.08	102.56 3.41 -44.22	101.68 3.83 -33.97	99.49 3.72 -34.82	104.65 4.26 -28.26	105.95 4.65 -26.22	124.76 5.37 -38.02	135.65 4.78 -58.37	135.43 5.21 -55.79	141.12 6.45 -42.49	109.15 6.70 -2.50	102.43 6.10 -3.98	98.04 5.65 -5.45	95.00 5.62 -2.88	89.49 5.41 -4.47	92.14 6.18 -0.16	101.74 6.34 -7.36	114.24 7.37 -4.50	105.75 6.61 -6.06	98.50 5.65 -14.34	93.80 5.18 -15.70	86.99 5.12 -8.81	78.37 4.99 0.00	78.58 4.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	116.70 4.64 -56.16	105.20 4.34 -45.92	103.95 4.79 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.44 6.59 -39.48	138.84 5.73 -60.62	138.47 6.10 -57.94	143.95 7.65 -44.13	110.64 8.10 -2.60	103.98 7.48 -4.14	99.56 6.96 -5.67	96.42 6.92 -3.00	90.87 6.61 -4.65	93.53 7.55 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.08 6.67 -14.90	95.36 6.13 -16.31	88.44 6.21 -9.15	79.40 6.02 -0.01	79.77 5.84 -0.01
E179THST_13_KV_LOAD 356214	116.93 4.86 -56.16	105.42 4.56 -45.92	104.20 5.05 -35.28	101.93 4.82 -36.16	107.11 5.63 -29.35	108.39 6.08 -27.24	127.77 6.92 -39.48	139.13 6.02 -60.62	138.77 6.40 -57.94	144.41 8.11 -44.13	111.04 8.50 -2.60	104.44 7.94 -4.14	100.00 7.39 -5.67	96.85 7.35 -3.00	91.27 7.01 -4.65	93.87 7.89 -0.17	103.61 7.92 -7.65	116.16 9.11 -4.68	107.66 8.28 -6.30	100.47 7.07 -14.90	95.73 6.49 -16.31	88.80 6.58 -9.15	79.77 6.38 -0.01	80.07 6.14 -0.01
EAST HAMPTON___GT 23717	119.67 7.60 -56.17	107.61 6.76 -45.92	106.06 6.90 -35.27	103.76 6.65 -36.16	109.48 8.01 -29.34	111.31 9.01 -27.23	131.77 10.91 -39.49	142.90 9.78 -60.63	145.81 10.27 -61.11	148.67 12.36 -44.14	116.25 13.69 -2.61	109.24 12.19 -4.69	103.82 11.22 -5.66	100.39 10.90 -3.00	94.68 10.43 -4.64	98.59 12.62 -0.16	123.24 13.29 -21.91	126.82 15.55 -8.89	125.24 14.14 -18.01	115.85 12.01 -25.33	102.44 11.08 -18.43	101.02 10.96 -16.99	83.58 10.20 0.00	83.24 9.31 0.00
EAST RIVER___6 23660	116.53 4.47 -56.15	105.02 4.17 -45.91	103.68 4.54 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.71 5.41 -27.23	127.11 6.27 -39.47	138.82 5.73 -60.61	138.61 6.25 -57.93	144.31 8.02 -44.12	110.84 8.29 -2.60	104.25 7.76 -4.13	99.90 7.30 -5.66	96.66 7.17 -2.99	91.17 6.92 -4.64	93.69 7.73 -0.16	103.43 7.75 -7.64	115.64 8.60 -4.67	107.28 7.91 -6.29	100.22 6.83 -14.89	95.42 6.20 -16.30	88.42 6.21 -9.14	79.61 6.23 0.00	79.54 5.62 0.00
EAST RIVER___7 23524	116.53 4.47 -56.15	105.02 4.17 -45.91	103.68 4.54 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.71 5.41 -27.23	127.11 6.27 -39.47	138.82 5.73 -60.61	138.61 6.25 -57.93	144.31 8.02 -44.12	110.84 8.29 -2.60	104.25 7.76 -4.13	99.90 7.30 -5.66	96.66 7.17 -2.99	91.17 6.92 -4.64	93.69 7.73 -0.16	103.43 7.75 -7.64	115.64 8.60 -4.67	107.28 7.91 -6.29	100.22 6.83 -14.89	95.42 6.20 -16.30	88.42 6.21 -9.14	79.61 6.23 0.00	79.54 5.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	115.85 3.91 -56.03	104.43 3.68 -45.82	103.10 4.02 -35.20	100.87 3.84 -36.08	105.88 4.47 -29.28	107.05 4.80 -27.17	126.38 5.61 -39.39	138.05 5.07 -60.48	137.74 5.51 -57.81	143.12 6.91 -44.03	109.84 7.30 -2.60	103.22 6.74 -4.12	98.76 6.17 -5.65	95.62 6.14 -2.99	90.13 5.89 -4.63	92.58 6.61 -0.16	102.36 6.69 -7.63	114.81 7.78 -4.66	106.34 6.98 -6.28	99.25 5.89 -14.86	94.66 5.47 -16.27	87.68 5.48 -9.12	78.74 5.36 0.00	78.88 4.95 0.00
EAST_HAMPTON___DIESEL 23722	119.67 7.60 -56.17	107.56 6.70 -45.92	105.99 6.84 -35.27	103.70 6.59 -36.16	109.48 8.01 -29.34	111.31 9.01 -27.23	131.68 10.82 -39.49	142.84 9.72 -60.63	145.73 10.20 -61.11	148.67 12.36 -44.14	116.04 13.49 -2.61	109.14 12.10 -4.69	103.64 11.04 -5.66	100.30 10.81 -3.00	94.53 10.27 -4.64	98.50 12.53 -0.16	123.15 13.20 -21.91	126.72 15.46 -8.89	125.15 14.06 -18.01	115.77 11.93 -25.33	102.37 11.01 -18.43	100.95 10.89 -16.99	83.43 10.05 0.00	83.16 9.24 0.00
EAST_POINT___SOLAR 323840	138.61 4.19 -78.51	123.20 4.07 -64.20	117.99 4.79 -49.32	115.84 4.33 -50.55	118.57 5.41 -41.02	118.93 5.78 -38.07	143.31 6.75 -55.19	163.06 5.80 -84.77	161.70 6.25 -81.02	160.70 6.82 -61.71	110.08 6.49 -3.64	102.47 4.34 -5.78	98.24 3.39 -7.91	94.75 4.07 -4.19	89.69 3.59 -6.49	91.87 5.84 -0.23	105.95 7.22 -10.69	118.22 9.31 -6.54	110.35 8.47 -8.80	106.31 6.98 -20.82	102.29 6.57 -22.80	92.00 6.14 -12.79	79.18 5.80 0.00	79.32 5.39 0.00
EAST_PULASKI___ESR 323781	58.78 -1.23 -4.11	56.93 -1.37 -3.36	64.99 -1.47 -2.58	62.14 -1.46 -2.64	72.55 -1.73 -2.15	75.26 -1.80 -1.99	82.23 -2.03 -2.89	75.33 -1.60 -4.44	76.73 -1.94 -4.24	93.29 -2.12 -3.23	97.74 -2.40 -0.19	90.44 -2.22 -0.30	85.18 -2.17 -0.41	84.55 -2.16 -0.22	78.12 -1.83 -0.34	83.93 -1.89 -0.01	86.58 -2.02 -0.56	100.46 -2.25 -0.34	91.31 -2.23 -0.46	77.71 -1.88 -1.09	72.30 -1.82 -1.19	72.07 -1.68 -0.67	71.62 -1.76 0.00	72.08 -1.85 0.00
EAST_RIVER___1 323558	116.53 4.47 -56.15	105.02 4.17 -45.91	103.68 4.54 -35.27	101.44 4.33 -36.15	106.45 4.97 -29.34	107.78 5.48 -27.23	127.11 6.27 -39.47	138.82 5.73 -60.61	138.53 6.17 -57.93	144.12 7.83 -44.12	110.64 8.09 -2.60	104.06 7.57 -4.13	99.64 7.04 -5.66	96.49 7.00 -2.99	91.01 6.76 -4.64	93.52 7.55 -0.16	103.16 7.48 -7.64	115.44 8.40 -4.67	107.19 7.82 -6.29	100.06 6.67 -14.89	95.35 6.13 -16.30	88.35 6.14 -9.14	79.54 6.16 0.00	79.54 5.62 0.00
EAST_RIVER___2 323559	116.53 4.47 -56.15	105.02 4.17 -45.91	103.68 4.54 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.71 5.41 -27.23	127.11 6.27 -39.47	138.82 5.73 -60.61	138.61 6.25 -57.93	144.31 8.02 -44.12	110.84 8.29 -2.60	104.25 7.76 -4.13	99.90 7.30 -5.66	96.66 7.17 -2.99	91.17 6.92 -4.64	93.69 7.73 -0.16	103.43 7.75 -7.64	115.64 8.60 -4.67	107.28 7.91 -6.29	100.22 6.83 -14.89	95.42 6.20 -16.30	88.42 6.21 -9.14	79.61 6.23 0.00	79.54 5.62 0.00
EAST___DELAWARE_HYD 23607	110.95 4.14 -50.91	100.30 3.74 -41.63	100.14 4.28 -31.98	97.82 4.08 -32.78	103.42 4.69 -26.60	104.94 5.18 -24.69	123.10 5.94 -35.79	132.72 5.29 -54.94	132.59 5.65 -52.51	139.09 6.92 -40.00	109.30 6.99 -2.36	102.38 6.28 -3.74	97.81 5.74 -5.13	94.92 5.71 -2.72	89.39 5.57 -4.21	92.56 6.61 -0.15	101.84 6.87 -6.93	114.60 7.99 -4.24	105.95 7.17 -5.70	98.29 6.28 -13.50	93.46 5.76 -14.78	86.85 5.48 -8.29	78.73 5.35 0.00	78.95 5.03 0.00
EIGHT_POINT___WT_PWR 323820	64.64 -3.07 -11.81	61.46 -3.13 -9.66	67.91 -3.39 -7.42	65.27 -3.29 -7.60	74.70 -3.60 -6.17	77.35 -3.45 -5.73	85.93 -3.74 -8.30	80.50 -3.69 -11.71	81.30 -4.32 -11.19	95.44 -5.25 -8.52	94.86 -5.59 -0.51	87.43 -5.73 -0.80	82.91 -5.13 -1.10	82.23 -4.84 -0.58	76.29 -4.22 -0.90	82.24 -3.60 -0.03	85.12 -4.40 -1.48	99.69 -3.59 -0.91	89.92 -4.37 -1.22	77.77 -3.61 -2.88	72.72 -3.35 -3.15	71.52 -3.36 -1.80	71.33 -2.05 0.00	72.52 -1.41 0.00
ELBRIDGE_115KV_TB2 80188	60.93 -1.06 -6.09	58.71 -1.21 -4.98	66.36 -1.34 -3.82	63.53 -1.34 -3.92	73.73 -1.59 -3.18	76.45 -1.58 -2.95	83.94 -1.71 -4.28	77.62 -1.45 -6.58	79.00 -1.71 -6.29	94.93 -2.03 -4.79	98.03 -2.20 -0.28	90.68 -2.12 -0.45	85.64 -1.91 -0.61	84.92 -1.90 -0.32	78.44 -1.67 -0.50	84.11 -1.72 -0.02	87.02 -1.85 -0.83	100.83 -2.05 -0.51	91.90 -1.86 -0.68	78.55 -1.57 -1.62	73.24 -1.46 -1.77	72.53 -1.53 -0.99	71.91 -1.47 0.00	72.45 -1.48 0.00
ELEC_TRO_TEK 24086	116.94 4.86 -56.18	105.31 4.45 -45.92	103.75 4.60 -35.27	101.50 4.39 -36.16	106.81 5.34 -29.34	108.24 5.93 -27.23	127.94 7.08 -39.49	139.36 6.23 -60.64	144.52 6.55 -63.54	144.43 8.11 -44.15	111.26 8.70 -2.62	105.55 8.13 -5.07	100.07 7.48 -5.66	97.01 7.52 -3.00	91.26 7.01 -4.64	94.21 8.24 -0.16	127.35 8.10 -31.21	123.20 9.21 -11.62	127.00 8.28 -25.64	117.81 7.14 -32.16	99.39 6.64 -19.83	101.92 6.72 -22.12	80.06 6.68 0.00	79.76 5.84 0.00

ELLENBURG_WT_PWR 323604	55.68 -0.22 0.00	54.99 0.05 0.00	64.27 0.39 0.00	61.50 0.55 0.00	72.78 0.65 0.00	75.60 0.53 0.00	81.62 0.24 0.00	72.64 0.15 0.00	74.50 0.07 0.00	91.43 -0.74 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.74 -0.87 0.00	84.69 -1.12 0.00	87.24 -0.79 0.00	101.45 -0.92 0.00	92.52 -0.56 0.00	77.96 -0.55 0.00	72.34 -0.59 0.00	72.34 -0.73 0.00	72.87 -0.51 0.00	74.22 0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	60.19 -4.98 -9.26	57.34 -5.16 -7.57	64.07 -5.62 -5.82	61.25 -5.67 -5.96	70.19 -6.78 -4.84	72.81 -6.76 -4.49	79.50 -8.38 -6.51	71.96 -8.41 -7.88	72.73 -9.23 -7.53	86.76 -11.15 -5.74	88.30 -11.99 -0.34	81.26 -11.64 -0.54	77.07 -10.61 -0.74	76.60 -10.29 -0.39	70.98 -9.23 -0.61	76.31 -9.52 -0.03	78.21 -10.83 -1.00	90.19 -12.80 -0.61	82.55 -11.36 -0.82	70.95 -9.50 -1.94	66.45 -8.61 -2.12	65.79 -8.55 -1.27	66.92 -6.46 0.00	68.38 -5.54 0.00
EMPIRE_CC_1 323656	125.86 2.74 -67.22	112.54 2.64 -54.96	109.17 3.07 -42.22	107.16 2.93 -43.28	110.79 3.53 -35.12	111.35 3.68 -32.59	132.04 3.42 -47.25	148.02 2.90 -72.63	146.97 3.13 -69.42	148.92 3.87 -52.87	107.26 4.20 -3.12	101.00 3.70 -4.95	97.81 4.09 -6.78	94.15 4.07 -3.59	89.15 3.98 -5.56	90.12 4.12 -0.20	101.34 4.14 -9.16	112.78 4.81 -5.60	104.90 4.28 -7.54	99.96 3.61 -17.84	95.89 3.43 -19.53	87.53 3.51 -10.95	76.90 3.52 0.00	77.33 3.40 0.00
EMPIRE_CC_2 323658	125.86 2.74 -67.22	112.54 2.64 -54.96	109.17 3.07 -42.22	107.16 2.93 -43.28	110.79 3.53 -35.12	111.35 3.68 -32.59	132.04 3.42 -47.25	148.02 2.90 -72.63	146.97 3.13 -69.42	148.92 3.87 -52.87	107.26 4.20 -3.12	101.00 3.70 -4.95	97.81 4.09 -6.78	94.15 4.07 -3.59	89.15 3.98 -5.56	90.12 4.12 -0.20	101.34 4.14 -9.16	112.78 4.81 -5.60	104.90 4.28 -7.54	99.96 3.61 -17.84	95.89 3.43 -19.53	87.53 3.51 -10.95	76.90 3.52 0.00	77.33 3.40 0.00
ENORWICH_115KV_TB1 80156	77.03 3.63 -17.49	72.48 3.24 -14.30	79.08 4.22 -10.99	75.94 3.72 -11.26	85.75 4.47 -9.14	88.44 4.88 -8.48	100.10 6.43 -12.30	97.23 6.09 -18.65	97.98 5.73 -17.82	113.03 7.28 -13.58	107.74 7.00 -0.80	100.37 6.74 -1.27	94.77 6.09 -1.74	93.30 5.88 -0.92	87.09 6.05 -1.43	92.63 6.78 -0.05	97.70 7.31 -2.35	113.02 9.21 -1.44	103.02 8.00 -1.94	89.68 6.59 -4.58	83.92 5.98 -5.02	81.81 5.92 -2.82	79.69 6.31 0.00	80.21 6.28 0.00
ERIE_ST_34_KV_TB1-2 80199	60.23 -5.31 -9.64	57.27 -5.55 -7.88	63.87 -6.07 -6.06	61.13 -6.03 -6.21	69.89 -7.29 -5.04	72.47 -7.28 -4.68	79.44 -8.71 -6.78	72.40 -8.55 -8.46	73.36 -9.15 -8.08	87.18 -11.15 -6.16	88.32 -11.99 -0.37	81.58 -11.36 -0.58	77.21 -10.52 -0.79	76.88 -10.03 -0.42	71.03 -9.23 -0.65	76.91 -8.92 -0.03	78.81 -10.30 -1.07	91.15 -11.87 -0.66	83.35 -10.61 -0.88	71.64 -8.95 -2.08	66.75 -8.46 -2.28	65.73 -8.70 -1.35	68.24 -5.14 0.00	69.86 -4.07 0.00
ERIE_WT_PWR 323693	60.64 -4.75 -9.49	57.75 -4.94 -7.76	64.28 -5.56 -5.96	61.52 -5.55 -6.11	70.67 -6.42 -4.96	72.99 -6.68 -4.60	79.90 -8.14 -6.67	72.55 -8.19 -8.25	73.45 -8.86 -7.89	87.40 -10.78 -6.01	89.01 -11.29 -0.36	81.84 -11.09 -0.57	77.54 -10.17 -0.77	77.13 -9.77 -0.41	71.41 -8.84 -0.64	77.25 -8.58 -0.03	78.96 -10.12 -1.05	92.77 -10.24 -0.64	83.33 -10.61 -0.86	71.51 -9.03 -2.03	66.91 -8.24 -2.22	66.35 -8.04 -1.32	67.36 -6.02 0.00	69.04 -4.88 0.00
ESPRGFLD_115KV_TB1 80157	58.36 2.46 0.00	57.19 2.25 0.00	66.63 2.75 0.00	63.39 2.44 0.00	75.17 3.03 0.00	78.30 3.23 0.00	85.44 4.07 0.00	76.08 3.70 0.11	78.19 3.87 0.10	96.61 4.52 0.08	104.34 4.40 0.00	96.14 3.79 0.01	90.15 3.22 0.01	89.77 3.29 0.00	82.63 3.03 0.01	89.75 3.95 0.00	92.60 4.58 0.01	108.20 5.84 0.01	98.19 5.12 0.01	82.72 4.24 0.03	76.76 3.87 0.03	76.64 3.58 0.01	76.90 3.52 0.00	77.18 3.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	68.68 0.34 -12.44	65.22 0.11 -10.17	71.95 0.26 -7.81	69.15 0.18 -8.01	78.85 0.22 -6.50	81.48 0.38 -6.03	90.68 0.57 -8.74	86.36 0.58 -13.28	87.42 0.30 -12.70	102.30 0.46 -9.67	100.82 0.30 -0.57	93.54 0.28 -0.91	88.44 0.26 -1.24	87.41 0.26 -0.66	81.03 0.40 -1.02	86.53 0.69 -0.04	90.42 0.70 -1.68	104.52 1.13 -1.02	95.39 0.93 -1.38	82.55 0.79 -3.26	77.16 0.66 -3.57	75.59 0.51 -2.01	74.19 0.81 0.00	74.74 0.81 0.00
ETNA____115KV_TB2 80207	68.68 0.34 -12.44	65.22 0.11 -10.17	71.95 0.26 -7.81	69.15 0.18 -8.01	78.85 0.22 -6.50	81.48 0.38 -6.03	90.68 0.57 -8.74	86.36 0.58 -13.28	87.42 0.30 -12.70	102.30 0.46 -9.67	100.82 0.30 -0.57	93.54 0.28 -0.91	88.44 0.26 -1.24	87.41 0.26 -0.66	81.03 0.40 -1.02	86.53 0.69 -0.04	90.42 0.70 -1.68	104.52 1.13 -1.02	95.39 0.93 -1.38	82.55 0.79 -3.26	77.16 0.66 -3.57	75.59 0.51 -2.01	74.19 0.81 0.00	74.74 0.81 0.00
EUCLID____115KV_TB2 356179	59.31 -1.40 -4.80	57.38 -1.48 -3.93	65.17 -1.72 -3.02	62.34 -1.71 -3.09	72.63 -2.02 -2.51	75.38 -2.03 -2.33	82.55 -2.20 -3.38	75.80 -1.88 -5.19	77.30 -2.08 -4.96	93.46 -2.49 -3.78	97.47 -2.70 -0.22	90.12 -2.59 -0.35	85.08 -2.35 -0.48	84.33 -2.42 -0.26	77.94 -2.07 -0.40	83.59 -2.23 -0.01	86.31 -2.38 -0.65	100.01 -2.76 -0.40	91.11 -2.51 -0.54	77.66 -2.12 -1.28	72.36 -1.97 -1.40	71.88 -1.97 -0.78	71.47 -1.91 0.00	71.93 -2.00 0.00
E_CANADA_CAP_HY 24051	140.66 3.18 -81.57	124.71 3.07 -66.69	118.75 3.64 -51.24	116.70 3.23 -52.52	118.86 4.11 -42.62	119.06 4.43 -39.55	143.92 5.21 -57.34	165.12 4.57 -88.06	163.58 4.99 -84.17	161.90 5.62 -64.10	109.22 5.49 -3.78	102.70 4.34 -6.00	98.73 3.57 -8.22	94.65 3.80 -4.35	89.94 3.59 -6.74	90.93 4.89 -0.24	104.86 5.72 -11.11	116.63 7.47 -6.79	108.93 6.71 -9.14	105.63 5.49 -21.63	101.71 5.10 -23.68	91.10 4.75 -13.28	77.86 4.48 0.00	78.06 4.14 0.00
E_CANADA_MHWK_HY 24050	57.75 1.84 0.00	56.75 1.81 0.00	66.11 2.23 0.00	63.09 2.13 0.00	74.73 2.59 0.00	77.85 2.78 0.00	84.54 3.17 0.00	75.39 2.90 0.00	77.33 2.90 0.00	95.86 3.69 0.00	103.84 3.89 0.00	95.95 3.60 0.00	90.24 3.30 0.00	89.70 3.20 0.00	82.71 3.10 0.00	89.15 3.34 0.00	91.47 3.43 0.00	106.36 3.99 0.00	96.62 3.54 0.00	81.49 2.98 0.00	75.70 2.77 0.00	75.85 2.78 0.00	76.24 2.86 0.00	76.80 2.88 0.00
E_FISHKILL____LBMP 23776	116.72 3.58 -57.23	105.09 3.35 -46.80	103.60 3.77 -35.95	101.40 3.60 -36.85	106.15 4.11 -29.90	107.33 4.50 -27.75	126.73 5.13 -40.23	138.91 4.64 -61.78	138.46 4.99 -59.05	143.32 6.18 -44.98	109.19 6.60 -2.65	102.66 6.10 -4.21	98.36 5.65 -5.77	95.17 5.62 -3.05	89.68 5.33 -4.73	91.89 5.92 -0.17	101.90 6.07 -7.79	114.09 6.96 -4.76	105.73 6.24 -6.41	99.02 5.34 -15.18	94.43 4.89 -16.61	87.36 4.97 -9.32	78.22 4.84 0.00	78.43 4.51 0.00
FALCON____SEABRD_CC1 323796	56.35 0.45 0.00	55.71 0.77 0.00	65.03 1.15 0.00	62.36 1.40 0.00	73.65 1.52 0.00	76.50 1.42 0.00	82.19 0.81 0.00	73.14 0.65 0.00	75.02 0.59 0.00	91.53 -0.64 0.00	99.45 -0.50 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.66 -0.95 0.00	84.60 -1.20 0.00	87.33 -0.71 0.00	101.55 -0.82 0.00	92.62 -0.46 0.00	78.04 -0.47 0.00	72.49 -0.43 0.00	72.41 -0.66 0.00	73.23 -0.15 0.00	75.18 1.26 0.00

FALCON___SEABRD_CC2 323797	56.35 0.45 0.00	55.71 0.77 0.00	65.03 1.15 0.00	62.36 1.40 0.00	73.65 1.52 0.00	76.50 1.42 0.00	82.19 0.81 0.00	73.14 0.65 0.00	75.02 0.59 0.00	91.53 -0.64 0.00	99.45 -0.50 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.66 -0.95 0.00	84.60 -1.20 0.00	87.33 -0.71 0.00	101.55 -0.82 0.00	92.62 -0.46 0.00	78.04 -0.47 0.00	72.49 -0.43 0.00	72.41 -0.66 0.00	73.23 -0.15 0.00	75.18 1.26 0.00
FAR ROCKAWAY___4 23548	117.78 5.70 -56.18	106.07 5.22 -45.92	104.52 5.37 -35.27	102.23 5.12 -36.16	107.68 6.20 -29.34	109.21 6.91 -27.23	129.08 8.22 -39.49	140.31 7.18 -60.64	145.01 7.52 -63.07	145.81 9.49 -44.15	112.96 10.39 -2.62	106.85 9.51 -4.98	101.38 8.78 -5.66	98.22 8.74 -3.00	92.37 8.12 -4.64	95.41 9.44 -0.16	126.54 9.42 -29.08	124.21 10.85 -10.99	126.74 9.77 -23.89	117.51 8.40 -30.60	100.24 7.80 -19.51	101.92 7.89 -20.95	81.23 7.85 0.00	80.80 6.87 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	116.58 4.53 -56.15	105.08 4.23 -45.91	103.75 4.60 -35.27	101.44 4.33 -36.15	106.52 5.05 -29.34	107.78 5.48 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.74 8.20 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.58 7.09 -2.99	91.02 6.77 -4.64	93.52 7.55 -0.16	103.34 7.66 -7.65	115.74 8.70 -4.67	107.28 7.91 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.54 5.62 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	116.58 4.53 -56.15	105.08 4.23 -45.91	103.75 4.60 -35.27	101.44 4.33 -36.15	106.52 5.05 -29.34	107.78 5.48 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.74 8.20 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.58 7.09 -2.99	91.02 6.77 -4.64	93.52 7.55 -0.16	103.34 7.66 -7.65	115.74 8.70 -4.67	107.28 7.91 -6.29	100.15 6.75 -14.89	95.43 6.20 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.62 5.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	116.69 4.64 -56.15	105.02 4.18 -45.91	103.68 4.54 -35.27	101.44 4.33 -36.15	106.45 4.98 -29.34	107.71 5.41 -27.23	127.27 6.43 -39.47	138.75 5.65 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.64 8.10 -2.60	104.06 7.57 -4.13	99.64 7.04 -5.66	96.49 7.01 -2.99	90.94 6.69 -4.64	93.43 7.47 -0.16	103.25 7.57 -7.65	115.74 8.70 -4.67	107.19 7.82 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.54 5.62 0.00
FARRAGUT___LBMP 323566	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.71 5.41 -27.23	127.19 6.35 -39.47	138.75 5.65 -60.61	138.46 6.10 -57.93	144.04 7.74 -44.12	110.54 8.00 -2.60	103.97 7.48 -4.13	99.55 6.96 -5.66	96.41 6.92 -2.99	90.94 6.69 -4.64	93.35 7.38 -0.16	103.17 7.48 -7.65	115.64 8.60 -4.67	107.10 7.73 -6.29	99.99 6.59 -14.89	95.28 6.05 -16.30	88.43 6.21 -9.14	79.40 6.02 0.00	79.47 5.54 0.00
FENNER___WINDPWR 24204	63.50 0.84 -6.75	61.17 0.71 -5.52	69.08 0.96 -4.24	66.16 0.85 -4.35	76.67 1.01 -3.53	79.55 1.20 -3.28	87.66 1.54 -4.75	81.26 1.52 -7.24	82.69 1.34 -6.92	99.10 1.66 -5.27	101.85 1.59 -0.31	94.32 1.47 -0.49	89.00 1.39 -0.68	88.23 1.38 -0.36	81.60 1.43 -0.55	87.45 1.63 -0.02	90.54 1.59 -0.91	105.08 2.15 -0.56	95.51 1.68 -0.75	81.62 1.33 -1.78	76.04 1.16 -1.95	75.33 1.17 -1.09	74.63 1.25 0.00	75.18 1.26 0.00
FIBERTEK___ENERGY 23856	60.92 -0.73 -5.75	58.76 -0.88 -4.70	66.47 -1.02 -3.61	63.62 -1.04 -3.70	73.91 -1.23 -3.00	76.74 -1.13 -2.79	84.19 -1.22 -4.04	77.69 -1.01 -6.21	79.10 -1.27 -5.93	95.31 -1.38 -4.52	98.61 -1.60 -0.27	91.30 -1.48 -0.42	86.22 -1.30 -0.58	85.42 -1.38 -0.31	78.89 -1.19 -0.48	84.62 -1.20 -0.02	87.50 -1.32 -0.78	101.42 -1.43 -0.48	92.42 -1.30 -0.64	78.93 -1.10 -1.53	73.58 -1.02 -1.67	72.99 -1.02 -0.94	72.35 -1.03 0.00	72.82 -1.11 0.00
FITZPATRICK___ 23598	57.18 -2.12 -3.40	55.52 -2.20 -2.78	63.52 -2.49 -2.13	60.70 -2.44 -2.19	71.02 -2.89 -1.78	73.72 -3.01 -1.65	80.50 -3.26 -2.39	73.31 -2.90 -3.72	74.93 -3.05 -3.56	91.10 -3.78 -2.71	96.00 -4.10 -0.16	88.82 -3.79 -0.25	83.72 -3.57 -0.35	83.13 -3.55 -0.18	76.71 -3.19 -0.28	82.38 -3.43 -0.01	84.98 -3.52 -0.47	98.56 -4.10 -0.29	89.74 -3.73 -0.39	76.28 -3.14 -0.91	71.01 -2.92 -1.00	70.71 -2.93 -0.56	70.44 -2.94 0.00	70.96 -2.96 0.00
FLOWRFLD_69_KV_BK1 356044	118.39 6.32 -56.17	106.51 5.66 -45.92	104.90 5.75 -35.27	102.60 5.49 -36.16	108.26 6.78 -29.34	109.89 7.58 -27.23	129.97 9.11 -39.49	141.24 8.12 -60.63	144.11 8.56 -61.12	146.63 10.32 -44.14	114.55 11.99 -2.61	108.13 11.08 -4.69	102.51 9.91 -5.66	99.44 9.95 -3.00	93.49 9.23 -4.64	96.87 10.90 -0.16	121.27 11.27 -21.97	124.39 13.10 -8.92	122.97 11.82 -18.07	113.85 9.97 -25.38	100.55 9.19 -18.44	99.38 9.28 -17.02	82.33 8.95 0.00	81.76 7.84 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	116.50 4.47 -56.13	104.95 4.12 -45.89	103.80 4.66 -35.26	101.54 4.45 -36.14	106.58 5.12 -29.33	107.92 5.63 -27.22	127.17 6.35 -39.46	138.73 5.65 -60.59	138.51 6.18 -57.91	143.93 7.65 -44.10	110.54 8.00 -2.60	103.69 7.20 -4.13	99.29 6.69 -5.65	96.15 6.66 -2.99	90.62 6.37 -4.64	93.26 7.29 -0.16	103.16 7.48 -7.64	115.84 8.80 -4.67	107.19 7.82 -6.29	100.14 6.75 -14.88	95.35 6.13 -16.29	88.28 6.07 -9.14	79.25 5.87 0.00	79.47 5.54 0.00
FORT ORANGE___ 23900	127.65 2.35 -69.40	113.94 2.25 -56.74	110.09 2.62 -43.59	108.14 2.50 -44.68	111.35 2.96 -36.26	111.81 3.08 -33.65	133.42 3.26 -48.79	150.16 2.68 -74.98	149.08 2.98 -71.67	150.45 3.69 -54.59	106.86 3.70 -3.22	100.79 3.32 -5.11	97.24 3.30 -7.00	93.57 3.37 -3.71	88.62 3.27 -5.74	89.35 3.34 -0.20	100.75 3.26 -9.46	112.14 3.99 -5.78	104.31 3.45 -7.78	99.83 2.91 -18.42	95.86 2.77 -20.17	87.16 2.78 -11.31	76.24 2.86 0.00	76.88 2.96 0.00
FORT_DRUM_COGEN 23780	58.84 0.11 -2.83	57.30 0.05 -2.31	65.97 0.32 -1.77	63.20 0.43 -1.82	74.19 0.58 -1.48	76.97 0.53 -1.37	84.25 0.90 -1.99	76.92 1.38 -3.05	78.24 0.89 -2.92	95.50 1.11 -2.22	100.48 0.40 -0.13	93.12 0.55 -0.21	87.40 0.17 -0.28	86.82 0.17 -0.15	80.56 0.72 -0.23	86.50 0.69 -0.01	89.30 0.88 -0.39	103.94 1.33 -0.24	94.33 0.93 -0.32	79.96 0.71 -0.75	74.19 0.44 -0.82	73.90 0.37 -0.46	73.60 0.22 0.00	74.00 0.07 0.00
FOX_HILLS___ESR 323835	117.04 4.98 -56.16	105.53 4.67 -45.92	104.20 5.05 -35.28	101.93 4.82 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.93 7.08 -39.48	139.42 6.31 -60.62	140.45 6.77 -59.25	194.64 8.57 -93.89	111.50 8.90 -2.66	221.48 8.31 -120.81	217.02 7.74 -122.34	172.91 7.70 -78.72	208.34 7.40 -121.32	94.23 8.15 -0.28	232.24 8.28 -135.93	225.95 9.62 -113.96	246.70 8.66 -144.96	340.62 7.38 -254.73	174.54 6.78 -94.83	152.37 6.94 -72.35	159.39 6.82 -79.19	80.22 6.28 -0.01
FPL FAR_ROCK_GT1 24212	117.79 5.71 -56.18	106.08 5.22 -45.92	104.58 5.43 -35.27	102.23 5.12 -36.16	107.54 6.06 -29.34	109.14 6.83 -27.23	129.00 8.14 -39.49	140.31 7.18 -60.64	145.01 7.51 -63.07	145.82 9.50 -44.15	112.86 10.30 -2.62	106.86 9.51 -4.98	101.55 8.96 -5.66	98.22 8.73 -3.00	92.38 8.12 -4.64	95.49 9.52 -0.16	126.44 9.33 -29.08	124.01 10.65 -10.99	126.74 9.77 -23.89	117.51 8.40 -30.60	100.24 7.81 -19.51	101.85 7.82 -20.95	81.15 7.77 0.00	80.80 6.88 0.00

FPL_FAR_ROCK_GT2 23815	117.79 5.71 -56.18	106.08 5.22 -45.92	104.58 5.43 -35.27	102.23 5.12 -36.16	107.54 6.06 -29.34	109.14 6.83 -27.23	129.00 8.14 -39.49	140.31 7.18 -60.64	145.01 7.51 -63.07	145.82 9.50 -44.15	112.86 10.30 -2.62	106.86 9.51 -4.98	101.55 8.96 -5.66	98.22 8.73 -3.00	92.38 8.12 -4.64	95.49 9.52 -0.16	126.44 9.33 -29.08	124.01 10.65 -10.99	126.74 9.77 -23.89	117.51 8.40 -30.60	100.24 7.81 -19.51	101.85 7.82 -20.95	81.15 7.77 0.00	80.80 6.88 0.00
FRANKLIN_FALL_HYD 24054	56.35 0.45 0.00	55.76 0.82 0.00	65.03 1.15 0.00	62.30 1.34 0.00	73.72 1.59 0.00	76.28 1.20 0.00	82.59 1.22 0.00	73.58 1.09 0.00	75.32 0.89 0.00	92.73 0.55 0.00	100.65 0.70 0.00	93.10 0.74 0.00	87.37 0.43 0.00	87.01 0.52 0.00	79.53 -0.08 0.00	85.55 -0.26 0.00	88.48 0.44 0.00	102.98 0.61 0.00	93.92 0.84 0.00	79.06 0.55 0.00	73.51 0.58 0.00	73.59 0.51 0.00	73.67 0.29 0.00	74.89 0.96 0.00
FREEPORT_EQUS_GT1 23764	117.44 5.37 -56.17	105.74 4.89 -45.92	104.20 5.05 -35.27	101.93 4.81 -36.16	107.17 5.70 -29.34	108.68 6.38 -27.23	128.60 7.73 -39.49	140.01 6.89 -60.63	143.77 7.15 -62.20	145.16 8.85 -44.14	111.75 9.19 -2.61	105.70 8.49 -4.86	100.59 7.99 -5.66	97.28 7.79 -3.00	91.57 7.32 -4.64	94.63 8.66 -0.16	122.54 8.54 -25.96	122.18 9.73 -10.08	123.35 8.94 -21.33	114.43 7.61 -28.31	99.04 7.07 -19.04	99.68 7.38 -19.23	80.65 7.27 0.00	80.35 6.43 0.00
FREEPORT___CT2 23818	117.44 5.37 -56.17	105.74 4.89 -45.92	104.20 5.05 -35.27	101.93 4.81 -36.16	107.17 5.70 -29.34	108.68 6.38 -27.23	128.60 7.73 -39.49	140.01 6.89 -60.63	143.77 7.15 -62.20	145.16 8.85 -44.14	111.75 9.19 -2.61	105.70 8.49 -4.86	100.59 7.99 -5.66	97.28 7.79 -3.00	91.57 7.32 -4.64	94.63 8.66 -0.16	122.54 8.54 -25.96	122.18 9.73 -10.08	123.35 8.94 -21.33	114.43 7.61 -28.31	99.04 7.07 -19.04	99.68 7.38 -19.23	80.65 7.27 0.00	80.35 6.43 0.00
FRESHKLS_33_KV_LOAD 356253	65.73 4.81 -5.02	65.73 4.50 -6.28	65.75 4.85 2.98	65.74 4.57 -0.21	65.78 5.34 11.70	65.79 5.78 15.07	65.97 6.84 22.24	71.94 6.16 6.71	70.92 6.62 10.13	75.34 8.30 25.13	70.41 8.60 38.13	66.99 8.03 33.40	65.82 7.48 28.59	65.90 7.44 28.03	70.88 7.16 15.90	69.79 7.98 23.99	66.90 8.10 29.24	75.76 9.32 35.93	70.94 8.47 30.61	65.87 7.22 19.86	65.78 6.56 13.71	65.93 6.72 13.87	65.71 6.60 14.28	65.78 6.06 14.20
FULTON COGEN____ 23766	59.01 -1.40 -4.50	57.08 -1.54 -3.68	64.98 -1.72 -2.83	62.15 -1.71 -2.90	72.40 -2.09 -2.35	75.23 -2.03 -2.18	82.18 -2.36 -3.17	75.33 -2.03 -4.87	76.84 -2.23 -4.65	93.04 -2.67 -3.54	97.26 -2.90 -0.21	90.01 -2.68 -0.33	84.87 -2.52 -0.45	84.23 -2.51 -0.24	77.75 -2.23 -0.37	83.50 -2.32 -0.01	86.19 -2.47 -0.61	99.98 -2.76 -0.38	91.07 -2.51 -0.51	77.58 -2.12 -1.20	72.27 -1.97 -1.31	71.76 -2.05 -0.73	71.32 -2.05 0.00	71.78 -2.14 0.00
FULTON___LFGE 323630	137.39 3.75 -77.74	122.19 3.68 -63.57	117.06 4.35 -48.83	114.92 3.90 -50.06	117.66 4.91 -40.62	117.95 5.18 -37.70	142.04 6.02 -54.65	161.58 5.15 -83.94	160.39 5.73 -80.23	159.92 6.64 -61.11	110.14 6.59 -3.60	103.52 5.45 -5.72	99.47 4.69 -7.83	95.48 4.84 -4.15	90.49 4.46 -6.43	91.78 5.75 -0.23	105.14 6.51 -10.59	117.13 8.29 -6.47	109.33 7.54 -8.71	105.33 6.20 -20.62	101.34 5.84 -22.57	91.29 5.55 -12.66	78.59 5.21 0.00	78.80 4.88 0.00
G.F.CEMENT___DRP 24184	130.44 2.57 -71.97	117.35 3.57 -58.85	113.30 4.22 -45.21	111.07 3.78 -46.34	114.50 4.76 -37.60	115.00 5.03 -34.90	137.50 5.53 -50.59	155.04 4.78 -77.76	154.33 5.58 -74.32	155.79 7.01 -56.61	110.68 7.40 -3.34	104.21 6.56 -5.30	100.02 5.82 -7.26	96.13 5.80 -3.84	90.98 5.41 -5.96	92.11 6.09 -0.21	104.18 6.34 -9.81	116.14 7.78 -6.00	108.13 6.98 -8.07	103.34 5.73 -19.10	99.24 5.40 -20.91	89.92 5.12 -11.73	78.30 4.92 0.00	78.58 4.66 0.00
GARDENVILLE___LBMP 24039	60.31 -5.03 -9.43	57.49 -5.16 -7.71	64.12 -5.69 -5.92	61.36 -5.67 -6.07	70.28 -6.78 -4.93	72.89 -6.76 -4.57	79.70 -8.30 -6.63	72.38 -8.26 -8.15	73.14 -9.08 -7.79	87.14 -10.97 -5.93	88.51 -11.79 -0.36	81.56 -11.36 -0.56	77.36 -10.35 -0.77	76.78 -10.12 -0.41	71.16 -9.08 -0.63	76.65 -9.18 -0.03	78.51 -10.56 -1.03	90.62 -12.39 -0.63	82.95 -10.98 -0.85	71.33 -9.19 -2.01	66.74 -8.39 -2.20	65.98 -8.40 -1.31	67.29 -6.09 0.00	68.75 -5.17 0.00
GARDNVLA_35_KV_LD 355827	60.55 -4.86 -9.51	57.66 -5.05 -7.78	64.30 -5.56 -5.97	61.53 -5.55 -6.12	70.47 -6.64 -4.97	73.08 -6.61 -4.61	79.92 -8.14 -6.68	72.66 -8.12 -8.29	73.49 -8.86 -7.92	87.52 -10.69 -6.04	88.81 -11.49 -0.36	81.75 -11.18 -0.57	77.55 -10.17 -0.78	77.05 -9.86 -0.41	71.41 -8.84 -0.64	76.82 -9.01 -0.03	78.79 -10.30 -1.05	90.93 -12.08 -0.64	83.24 -10.70 -0.87	71.60 -8.95 -2.04	66.92 -8.24 -2.23	66.21 -8.18 -1.32	67.58 -5.80 0.00	69.05 -4.88 0.00
GELCKHM___115KV_LOAD 80723	59.88 -1.17 -5.15	57.88 -1.26 -4.21	65.71 -1.41 -3.23	62.87 -1.40 -3.31	73.17 -1.66 -2.69	75.92 -1.65 -2.50	83.20 -1.79 -3.62	76.46 -1.59 -5.56	77.96 -1.79 -5.32	94.10 -2.12 -4.05	97.89 -2.30 -0.24	90.61 -2.12 -0.38	85.46 -2.00 -0.52	84.78 -1.99 -0.27	78.28 -1.75 -0.43	84.02 -1.80 -0.01	86.80 -1.94 -0.70	100.55 -2.25 -0.43	91.61 -2.05 -0.58	78.14 -1.73 -1.37	72.82 -1.60 -1.50	72.30 -1.61 -0.84	71.77 -1.61 0.00	72.30 -1.63 0.00
GENERAL___MILLS 23808	60.42 -4.98 -9.49	57.53 -5.16 -7.76	64.22 -5.62 -5.96	61.46 -5.61 -6.11	70.31 -6.78 -4.96	72.99 -6.68 -4.60	79.82 -8.22 -6.67	72.55 -8.19 -8.25	73.31 -9.01 -7.89	87.30 -10.88 -6.01	88.61 -11.69 -0.36	81.66 -11.27 -0.57	77.46 -10.26 -0.77	76.87 -10.03 -0.41	71.25 -9.00 -0.64	76.74 -9.10 -0.03	78.61 -10.48 -1.05	90.73 -12.28 -0.64	83.14 -10.80 -0.86	71.43 -9.11 -2.03	66.84 -8.31 -2.22	66.06 -8.33 -1.32	67.51 -5.87 0.00	68.97 -4.95 0.00
GE_PLASTICS___DRP 24183	127.60 2.24 -69.46	113.88 2.14 -56.80	110.07 2.56 -43.63	108.06 2.38 -44.73	111.24 2.81 -36.29	111.69 2.93 -33.68	133.29 3.09 -48.83	150.16 2.61 -75.05	148.99 2.83 -71.74	150.31 3.50 -54.64	106.96 3.80 -3.22	100.98 3.51 -5.11	97.34 3.39 -7.01	93.66 3.46 -3.71	88.54 3.18 -5.75	89.35 3.35 -0.20	100.76 3.26 -9.47	111.94 3.79 -5.79	104.31 3.44 -7.79	99.85 2.90 -18.44	95.88 2.77 -20.18	87.17 2.78 -11.32	76.24 2.86 0.00	76.81 2.88 0.00
GILBOA___1 23756	113.05 1.90 -55.25	101.92 1.81 -45.17	100.88 2.30 -34.70	98.72 2.19 -35.57	103.59 2.59 -28.87	104.34 2.47 -26.79	122.89 2.68 -38.84	134.50 2.39 -59.62	133.94 2.53 -56.98	138.80 3.22 -43.40	106.30 3.80 -2.56	100.12 3.70 -4.06	96.07 3.57 -5.56	92.99 3.55 -2.95	86.96 2.78 -4.57	89.05 3.08 -0.16	98.64 3.08 -7.52	110.65 3.68 -4.60	102.53 3.26 -6.19	95.90 2.75 -14.65	91.51 2.55 -16.03	84.62 2.56 -8.99	76.02 2.64 0.00	76.44 2.51 0.00
GILBOA___2 23757	113.05 1.90 -55.25	101.92 1.81 -45.17	100.88 2.30 -34.70	98.72 2.19 -35.57	103.59 2.59 -28.87	104.34 2.47 -26.79	122.89 2.68 -38.84	134.50 2.39 -59.62	133.94 2.53 -56.98	138.80 3.22 -43.40	106.30 3.80 -2.56	100.12 3.70 -4.06	96.07 3.57 -5.56	92.99 3.55 -2.95	86.96 2.78 -4.57	89.05 3.08 -0.16	98.64 3.08 -7.52	110.65 3.68 -4.60	102.53 3.26 -6.19	95.90 2.75 -14.65	91.51 2.55 -16.03	84.62 2.56 -8.99	76.02 2.64 0.00	76.44 2.51 0.00

GILBOA___3 23758	113.05 1.90 -55.25	101.92 1.81 -45.17	100.88 2.30 -34.70	98.72 2.19 -35.57	103.59 2.59 -28.87	104.34 2.47 -26.79	122.89 2.68 -38.84	134.50 2.39 -59.62	133.94 2.53 -56.98	138.80 3.22 -43.40	106.30 3.80 -2.56	100.12 3.70 -4.06	96.07 3.57 -5.56	92.99 3.55 -2.95	86.96 2.78 -4.57	89.05 3.08 -0.16	98.64 3.08 -7.52	110.65 3.68 -4.60	102.53 3.26 -6.19	95.90 2.75 -14.65	91.51 2.55 -16.03	84.62 2.56 -8.99	76.02 2.64 0.00	76.44 2.51 0.00
GILBOA___4 23759	113.05 1.90 -55.25	101.92 1.81 -45.17	100.88 2.30 -34.70	98.72 2.19 -35.57	103.59 2.59 -28.87	104.34 2.47 -26.79	122.89 2.68 -38.84	134.50 2.39 -59.62	133.94 2.53 -56.98	138.80 3.22 -43.40	106.30 3.80 -2.56	100.12 3.70 -4.06	96.07 3.57 -5.56	92.99 3.55 -2.95	86.96 2.78 -4.57	89.05 3.08 -0.16	98.64 3.08 -7.52	110.65 3.68 -4.60	102.53 3.26 -6.19	95.90 2.75 -14.65	91.51 2.55 -16.03	84.62 2.56 -8.99	76.02 2.64 0.00	76.44 2.51 0.00
GILBOA___ 23599	113.05 1.90 -55.25	101.92 1.81 -45.17	100.88 2.30 -34.70	98.72 2.19 -35.57	103.53 2.52 -28.87	104.34 2.48 -26.79	122.89 2.69 -38.84	134.50 2.39 -59.62	133.94 2.53 -56.98	138.80 3.23 -43.40	106.30 3.80 -2.56	100.21 3.79 -4.06	96.07 3.56 -5.56	92.99 3.55 -2.95	86.96 2.79 -4.57	89.05 3.09 -0.16	98.64 3.08 -7.52	110.55 3.58 -4.60	102.53 3.26 -6.19	95.90 2.75 -14.65	91.51 2.55 -16.03	84.63 2.56 -8.99	75.95 2.57 0.00	76.44 2.51 0.00
GINNA___ 23603	58.29 -4.36 -6.75	56.01 -4.45 -5.52	62.88 -5.24 -4.24	60.12 -5.18 -4.34	69.67 -5.99 -3.52	72.04 -6.31 -3.27	79.12 -7.00 -4.74	73.81 -6.23 -7.55	74.57 -7.07 -7.22	89.10 -8.57 -5.50	90.77 -9.50 -0.32	84.00 -8.87 -0.51	79.56 -8.08 -0.70	78.91 -7.96 -0.37	73.18 -7.01 -0.58	77.85 -7.98 -0.02	80.80 -8.18 -0.95	93.22 -9.73 -0.58	85.11 -8.75 -0.78	73.14 -7.22 -1.85	68.40 -6.56 -2.03	67.77 -6.43 -1.13	66.63 -6.75 0.00	67.27 -6.65 0.00
GLEN PARK___ 23778	59.28 0.45 -2.93	57.66 0.33 -2.39	66.36 0.64 -1.84	63.57 0.73 -1.88	74.60 0.94 -1.53	77.40 0.90 -1.42	84.81 1.38 -2.06	77.39 1.74 -3.16	78.71 1.26 -3.02	95.94 1.47 -2.30	100.88 0.80 -0.14	93.50 0.92 -0.22	87.76 0.52 -0.30	87.17 0.52 -0.16	80.88 1.03 -0.24	86.93 1.11 -0.01	89.84 1.40 -0.40	104.77 2.15 -0.24	94.99 1.58 -0.33	80.46 1.18 -0.78	74.66 0.88 -0.85	74.36 0.81 -0.48	74.04 0.66 0.00	74.45 0.52 0.00
GLENDALE_27_KV_LOAD 356172	116.98 4.92 -56.16	105.47 4.61 -45.92	104.20 5.05 -35.28	101.93 4.82 -36.16	107.04 5.55 -29.35	108.32 6.01 -27.24	127.93 7.08 -39.48	139.42 6.31 -60.62	140.45 6.77 -59.25	151.93 8.57 -51.19	111.54 9.00 -2.60	121.38 8.31 -20.71	116.91 7.74 -22.24	107.94 7.70 -13.75	108.15 7.32 -21.22	94.13 8.15 -0.17	122.19 8.28 -25.87	125.84 9.62 -13.85	108.04 8.66 -6.30	100.78 7.38 -14.90	96.02 6.78 -16.31	97.91 6.87 -17.97	90.14 6.68 -10.08	80.22 6.28 -0.01
GLENWOOD_IC_1_G5 23712	116.89 4.81 -56.18	105.31 4.45 -45.92	103.82 4.66 -35.27	101.56 4.45 -36.16	106.81 5.34 -29.34	108.16 5.86 -27.23	127.86 7.00 -39.49	139.36 6.23 -60.63	144.48 6.62 -63.43	144.52 8.20 -44.14	110.76 8.20 -2.62	105.08 7.67 -5.05	99.55 6.96 -5.66	96.41 6.92 -3.00	90.78 6.53 -4.64	93.52 7.55 -0.16	126.49 7.57 -30.88	122.60 8.70 -11.53	126.27 7.82 -25.37	117.10 6.67 -31.92	98.83 6.13 -19.78	101.23 6.21 -21.94	79.47 6.09 0.00	79.32 5.40 0.00
GLENWOOD_IC_2_G1 23688	116.54 4.47 -56.16	104.98 4.12 -45.92	103.56 4.40 -35.27	101.32 4.20 -36.16	106.38 4.91 -29.34	107.72 5.41 -27.23	127.20 6.35 -39.48	138.84 5.73 -60.62	138.70 6.10 -58.17	143.95 7.65 -44.13	110.55 8.00 -2.60	103.92 7.39 -4.17	99.56 6.96 -5.66	96.32 6.83 -3.00	90.78 6.53 -4.64	93.43 7.46 -0.16	104.06 7.40 -8.63	115.73 8.40 -4.96	107.90 7.72 -7.10	100.71 6.60 -15.61	95.43 6.05 -16.45	88.90 6.14 -9.69	79.47 6.09 0.00	79.39 5.47 0.00
GLENWOOD_IC_3_G1 23689	116.54 4.47 -56.16	104.98 4.12 -45.92	103.56 4.40 -35.27	101.32 4.20 -36.16	106.38 4.91 -29.34	107.72 5.41 -27.23	127.20 6.35 -39.48	138.84 5.73 -60.62	138.70 6.10 -58.17	143.95 7.65 -44.13	110.55 8.00 -2.60	103.92 7.39 -4.17	99.56 6.96 -5.66	96.32 6.83 -3.00	90.78 6.53 -4.64	93.43 7.46 -0.16	104.06 7.40 -8.63	115.73 8.40 -4.96	107.90 7.72 -7.10	100.71 6.60 -15.61	95.43 6.05 -16.45	88.90 6.14 -9.69	79.47 6.09 0.00	79.39 5.47 0.00
GLENWOOD___4 23550	116.89 4.81 -56.18	105.31 4.45 -45.92	103.82 4.66 -35.27	101.56 4.45 -36.16	106.81 5.34 -29.34	108.16 5.86 -27.23	127.86 7.00 -39.49	139.36 6.23 -60.63	144.48 6.62 -63.43	144.52 8.20 -44.14	111.06 8.50 -2.62	105.26 7.85 -5.05	99.81 7.22 -5.66	96.67 7.18 -3.00	91.02 6.77 -4.64	93.69 7.72 -0.16	126.67 7.75 -30.88	122.80 8.91 -11.53	126.46 8.00 -25.37	117.26 6.83 -31.92	99.05 6.34 -19.78	101.45 6.43 -21.94	79.69 6.31 0.00	79.54 5.62 0.00
GLENWOOD___5 23614	116.89 4.81 -56.18	105.31 4.45 -45.92	103.82 4.66 -35.27	101.56 4.45 -36.16	106.81 5.34 -29.34	108.16 5.86 -27.23	127.86 7.00 -39.49	139.36 6.23 -60.63	144.48 6.62 -63.43	144.52 8.20 -44.14	111.06 8.50 -2.62	105.26 7.85 -5.05	99.81 7.22 -5.66	96.67 7.18 -3.00	91.02 6.77 -4.64	93.69 7.72 -0.16	126.67 7.75 -30.88	122.80 8.91 -11.53	126.46 8.00 -25.37	117.26 6.83 -31.92	99.05 6.34 -19.78	101.45 6.43 -21.94	79.69 6.31 0.00	79.54 5.62 0.00
GLOBAL GREEN_PORT_GT1 23814	119.79 7.72 -56.17	107.72 6.87 -45.92	106.24 7.09 -35.27	103.88 6.77 -36.16	109.63 8.15 -29.34	111.46 9.16 -27.23	131.92 11.06 -39.49	143.05 9.93 -60.63	145.95 10.42 -61.11	148.94 12.63 -44.14	116.65 14.10 -2.61	109.70 12.65 -4.69	104.25 11.65 -5.66	100.82 11.33 -3.00	95.00 10.74 -4.64	98.93 12.96 -0.16	123.50 13.55 -21.91	127.23 15.96 -8.89	125.52 14.43 -18.01	116.08 12.24 -25.34	102.58 11.23 -18.43	101.25 11.18 -16.99	83.80 10.42 0.00	83.46 9.54 0.00
GLOBE___DSASP 323697	59.19 -5.48 -8.76	56.50 -5.60 -7.16	63.12 -6.26 -5.50	60.32 -6.28 -5.64	68.99 -7.72 -4.58	71.52 -7.81 -4.25	77.44 -10.09 -6.16	69.55 -10.15 -7.20	70.22 -11.09 -6.88	83.96 -13.46 -5.24	85.87 -14.39 -0.31	78.81 -14.04 -0.50	74.75 -12.87 -0.68	74.31 -12.54 -0.36	68.94 -11.23 -0.56	73.90 -11.93 -0.03	75.48 -13.47 -0.91	86.86 -16.07 -0.56	79.59 -14.24 -0.75	68.43 -11.85 -1.77	64.22 -10.65 -1.94	63.94 -10.30 -1.17	64.65 -8.73 0.00	65.94 -7.98 0.00
GOETHSLN___LBMP 323567	65.01 4.08 -5.02	65.02 3.79 -6.29	64.99 4.09 2.97	65.08 3.90 -0.22	64.92 4.47 11.69	64.89 4.88 15.06	64.92 5.78 22.23	70.93 5.15 6.70	69.88 5.58 10.12	74.14 7.10 25.13	69.22 7.40 38.12	65.89 6.93 33.39	64.79 6.43 28.58	64.87 6.40 28.02	69.85 6.13 15.89	68.68 6.86 23.99	65.76 6.95 29.23	74.43 7.98 35.92	69.64 7.17 30.61	64.78 6.12 19.85	64.84 5.62 13.70	64.99 5.77 13.86	64.61 5.50 14.27	64.83 5.10 14.19
GOLAH___69_KV_TB 1_2 80279	60.32 -2.68 -7.10	57.94 -2.80 -5.81	65.21 -3.13 -4.46	62.30 -3.23 -4.57	71.95 -3.90 -3.71	74.62 -3.90 -3.44	81.48 -4.88 -4.99	75.63 -4.64 -7.77	76.42 -5.43 -7.43	91.20 -6.64 -5.66	92.88 -7.40 -0.33	85.59 -7.30 -0.53	81.14 -6.52 -0.73	80.39 -6.49 -0.38	74.63 -5.57 -0.60	79.65 -6.18 -0.02	82.24 -6.78 -0.98	94.88 -8.09 -0.60	87.00 -6.89 -0.81	74.76 -5.65 -1.91	69.91 -5.10 -2.09	69.27 -4.97 -1.17	68.76 -4.62 0.00	69.64 -4.29 0.00

GOODYEAR_LAKE_HYD 323669	75.68 2.24 -17.54	71.31 2.03 -14.34	77.39 2.49 -11.02	74.50 2.26 -11.29	84.04 2.74 -9.16	86.43 2.85 -8.50	97.28 3.58 -12.33	94.54 3.26 -18.78	95.73 3.35 -17.95	109.99 4.15 -13.67	104.95 4.20 -0.81	97.61 3.97 -1.28	92.17 3.48 -1.75	90.88 3.46 -0.93	84.23 3.18 -1.44	89.55 3.69 -0.05	94.37 3.96 -2.37	108.73 4.91 -1.45	99.31 4.28 -1.95	86.65 3.53 -4.61	81.19 3.21 -5.05	78.98 3.07 -2.84	76.53 3.16 0.00	76.95 3.03 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	73.52 -0.56 -18.17	69.08 -0.71 -14.86	74.59 -0.70 -11.42	71.86 -0.79 -11.70	80.69 -0.94 -9.50	82.99 -0.90 -8.81	93.17 -0.98 -12.78	90.66 -1.01 -19.18	91.49 -1.27 -18.33	104.66 -1.47 -13.96	99.17 -1.60 -0.82	92.19 -1.48 -1.31	87.34 -1.39 -1.79	86.14 -1.30 -0.95	79.89 -1.19 -1.47	84.83 -1.03 -0.05	89.31 -1.14 -2.42	102.62 -1.23 -1.48	93.95 -1.12 -1.99	82.20 -1.02 -4.71	77.07 -1.02 -5.16	74.96 -1.02 -2.91	72.94 -0.44 0.00	73.70 -0.22 0.00
GOUDEY___7 23579	73.52 -0.56 -18.17	69.08 -0.71 -14.86	74.59 -0.70 -11.42	71.86 -0.79 -11.70	80.69 -0.94 -9.50	82.99 -0.90 -8.81	93.17 -0.98 -12.78	90.66 -1.01 -19.18	91.49 -1.27 -18.33	104.66 -1.47 -13.96	99.17 -1.60 -0.82	92.19 -1.48 -1.31	87.34 -1.39 -1.79	86.14 -1.30 -0.95	79.89 -1.19 -1.47	84.83 -1.03 -0.05	89.31 -1.14 -2.42	102.62 -1.23 -1.48	93.95 -1.12 -1.99	82.20 -1.02 -4.71	77.07 -1.02 -5.16	74.96 -1.02 -2.91	72.94 -0.44 0.00	73.70 -0.22 0.00
GOUDEY___8 23580	73.52 -0.56 -18.17	69.08 -0.71 -14.86	74.59 -0.70 -11.42	71.86 -0.79 -11.70	80.69 -0.94 -9.50	82.99 -0.90 -8.81	93.17 -0.98 -12.78	90.66 -1.01 -19.18	91.49 -1.27 -18.33	104.66 -1.47 -13.96	99.17 -1.60 -0.82	92.19 -1.48 -1.31	87.34 -1.39 -1.79	86.14 -1.30 -0.95	79.89 -1.19 -1.47	84.83 -1.03 -0.05	89.31 -1.14 -2.42	102.62 -1.23 -1.48	93.95 -1.12 -1.99	82.20 -1.02 -4.71	77.07 -1.02 -5.16	74.96 -1.02 -2.91	72.94 -0.44 0.00	73.70 -0.22 0.00
GOWANUS_GT1_1 24077	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT1_2 24078	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT1_3 24079	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT1_4 24080	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT1_5 24084	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT1_6 24111	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT1_7 24112	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT1_8 24113	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT2_1 24114	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT2_2 24115	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT2_3 24116	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01

GOWANUS_GT2_4 24117	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT2_5 24118	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT2_6 24119	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT2_7 24120	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT2_8 24121	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT3_1 24122	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
GOWANUS_GT3_2 24123	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34											

GOWANUS_GT4_3 24132	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT4_4 24133	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT4_5 24134	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT4_6 24135	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT4_7 24136	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GOWANUS_GT4_8 24137	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GREENBSH_115KV_TB3 55895	128.09 2.46 -69.73	114.31 2.36 -57.01	110.42 2.75 -43.80	108.47 2.62 -44.89	111.67 3.10 -36.43	112.11 3.23 -33.81	133.72 3.34 -49.01	150.66 2.83 -75.34	149.48 3.05 -72.01	150.79 3.78 -54.84	107.28 4.10 -3.23	101.18 3.69 -5.13	97.71 3.74 -7.03	93.93 3.72 -3.72	88.96 3.58 -5.77	89.53 3.52 -0.20	100.97 3.43 -9.50	112.07 3.89 -5.81	104.53 3.63 -7.82	100.07 3.06 -18.51	96.11 2.92 -20.26	87.36 2.92 -11.36	76.39 3.01 0.00	77.03 3.10 0.00
GREENIDGE_115KV_TB5 80291	65.40 -1.79 -11.28	62.19 -1.98 -9.23	68.80 -2.17 -7.09	66.03 -2.19 -7.27	75.51 -2.52 -5.90	78.22 -2.33 -5.47	86.54 -2.77 -7.93	81.82 -2.32 -11.65	82.36 -3.20 -11.13	96.69 -3.96 -8.48	95.65 -4.80 -0.50	88.44 -4.71 -0.80	84.12 -3.91 -1.09	83.35 -3.72 -0.58	77.40 -3.10 -0.89	82.92 -2.92 -0.03	85.99 -3.52 -1.47	99.07 -4.20 -0.90	90.94 -3.35 -1.21	78.86 -2.51 -2.86	73.66 -2.41 -3.13	72.29 -2.56 -1.78	71.40 -1.98 0.00	72.22 -1.70 0.00
GREENIDGE___3 23582	65.40 -1.79 -11.28	62.19 -1.98 -9.23	68.80 -2.17 -7.09	66.03 -2.19 -7.27	75.51 -2.52 -5.90	78.22 -2.33 -5.47	86.54 -2.77 -7.93	81.82 -2.32 -11.65	82.36 -3.20 -11.13	96.69 -3.96 -8.48	95.65 -4.80 -0.50	88.44 -4.71 -0.80	84.12 -3.91 -1.09	83.35 -3.72 -0.58	77.40 -3.10 -0.89	82.92 -2.92 -0.03	85.99 -3.52 -1.47	99.07 -4.20 -0.90	90.94 -3.35 -1.21	78.86 -2.51 -2.86	73.66 -2.41 -3.13	72.29 -2.56 -1.78	71.40 -1.98 0.00	72.22 -1.70 0.00
GREENIDGE___4 23583	65.45 -1.73 -11.28	62.24 -1.92 -9.23	68.86 -2.11 -7.09	66.03 -2.19 -7.27	75.58 -2.45 -5.90	78.22 -2.33 -5.47	86.54 -2.77 -7.93	81.53 -2.61 -11.65	82.36 -3.20 -11.13	96.42 -4.24 -8.48	95.75 -4.70 -0.50	88.07 -5.08 -0.80	83.77 -4.26 -1.09	82.92 -4.15 -0.58	77.48 -3.03 -0.89	82.66 -3.17 -0.03	85.81 -3.69 -1.47	99.79 -3.48 -0.90	90.56 -3.73 -1.21	78.85 -2.52 -2.86	73.66 -2.40 -3.13	72.37 -2.48 -1.78	71.40 -1.98 0.00	72.23 -1.70 0.00
GREENLWN_69_KV_BK 3 55738	116.82 4.75 -56.17	105.14 4.29 -45.92	103.43 4.28 -35.27	101.20 4.08 -36.16	106.53 5.05 -29.34	108.01 5.71 -27.23	127.77 6.92 -39.49	139.21 6.09 -60.63	141.71 6.10 -61.18	143.50 7.19 -44.14	111.35 8.80 -2.61	105.28 8.22 -4.70	99.99 7.39 -5.66	96.93 7.44 -3.00	91.26 7.01 -4.64	94.21 8.24 -0.16	118.50 8.28 -22.19	120.54 9.21 -8.96	119.78 8.47 -18.23	111.35 7.30 -25.54	98.18 6.78 -18.47	97.09 6.87 -17.15	80.13 6.75 0.00	79.69 5.77 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01
GRISSOM___SOLAR 323813	136.58 3.63 -77.04	121.50 3.57 -62.99	116.49 4.22 -48.39	114.40 3.84 -49.60	117.15 4.76 -40.25	117.46 5.03 -37.36	141.31 5.78 -54.16	160.61 4.93 -83.18	159.44 5.51 -79.51	159.18 6.45 -60.55	110.01 6.49 -3.57	103.47 5.45 -5.67	99.40 4.69 -7.76	95.44 4.84 -4.11	90.44 4.46 -6.37	91.60 5.57 -0.22	104.78 6.25 -10.49	116.67 7.88 -6.41	108.88 7.17 -8.63	104.90 5.96 -20.43	100.91 5.62 -22.37	90.95 5.33 -12.55	78.44 5.06 0.00	78.66 4.74 0.00
GROVEVILLE___HYD 323602	116.50 4.47 -56.13	104.95 4.12 -45.89	103.80 4.66 -35.26	101.54 4.45 -36.14	106.58 5.12 -29.33	107.92 5.63 -27.22	127.17 6.35 -39.46	138.73 5.65 -60.59	138.51 6.18 -57.91	143.93 7.65 -44.10	110.54 8.00 -2.60	103.69 7.20 -4.13	99.29 6.69 -5.65	96.15 6.66 -2.99	90.62 6.37 -4.64	93.26 7.29 -0.16	103.16 7.48 -7.64	115.84 8.80 -4.67	107.19 7.82 -6.29	100.14 6.75 -14.88	95.35 6.13 -16.29	88.28 6.07 -9.14	79.25 5.87 0.00	79.47 5.54 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	60.92 -0.73 -5.75	58.76 -0.88 -4.70	66.47 -1.02 -3.61	63.62 -1.04 -3.70	73.91 -1.23 -3.00	76.74 -1.13 -2.79	84.19 -1.22 -4.04	77.69 -1.01 -6.21	79.10 -1.27 -5.93	95.31 -1.38 -4.52	98.61 -1.60 -0.27	91.30 -1.48 -0.42	86.22 -1.30 -0.58	85.42 -1.38 -0.31	78.89 -1.19 -0.48	84.62 -1.20 -0.02	87.50 -1.32 -0.78	101.42 -1.43 -0.48	92.42 -1.30 -0.64	78.93 -1.10 -1.53	73.58 -1.02 -1.67	72.99 -1.02 -0.94	72.35 -1.03 0.00	72.82 -1.11 0.00

HAMLTNNY_34_KV_TB 80303	61.30 -0.73 -6.12	59.01 -0.93 -5.00	66.70 -1.02 -3.84	63.86 -1.04 -3.94	74.11 -1.23 -3.20	76.92 -1.13 -2.97	84.45 -1.22 -4.30	78.09 -1.01 -6.61	79.48 -1.27 -6.32	95.51 -1.47 -4.81	98.63 -1.60 -0.28	91.24 -1.57 -0.45	86.17 -1.39 -0.62	85.44 -1.38 -0.33	78.92 -1.19 -0.51	84.62 -1.20 -0.02	87.55 -1.32 -0.83	101.45 -1.43 -0.51	92.46 -1.30 -0.69	79.11 -1.02 -1.62	73.68 -1.02 -1.78	73.05 -1.02 -1.00	72.35 -1.03 0.00	72.82 -1.11 0.00
HAMPSHIRE___PAPER_HYD 323593	56.40 -0.95 -1.45	55.35 -0.77 -1.18	64.09 -0.70 -0.91	61.46 -0.42 -0.93	72.39 -0.50 -0.76	74.95 -0.82 -0.70	81.82 -0.57 -1.02	73.77 -0.29 -1.57	75.32 -0.60 -1.50	92.39 -0.92 -1.14	98.61 -1.40 -0.07	91.36 -1.10 -0.11	85.78 -1.30 -0.15	85.28 -1.30 -0.08	78.62 -1.11 -0.12	84.27 -1.54 0.00	86.74 -1.50 -0.20	100.85 -1.64 -0.12	91.75 -1.49 -0.16	77.56 -1.34 -0.38	72.04 -1.31 -0.42	71.85 -1.46 -0.24	71.91 -1.47 0.00	72.74 -1.19 0.00
HARDSCRABBLE_WT_PWR 323673	57.41 1.51 0.00	56.42 1.48 0.00	65.67 1.79 0.00	62.66 1.70 0.00	74.30 2.16 0.00	77.41 2.33 0.00	84.14 2.77 0.00	74.96 2.47 0.00	76.96 2.53 0.00	95.40 3.22 0.00	103.35 3.40 0.00	95.50 3.14 0.00	89.80 2.86 0.00	89.26 2.77 0.00	82.23 2.62 0.00	88.63 2.83 0.00	90.94 2.90 0.00	105.85 3.48 0.00	96.06 2.98 0.00	81.02 2.51 0.00	75.26 2.33 0.00	75.41 2.34 0.00	75.88 2.50 0.00	76.36 2.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	111.98 3.47 -52.61	101.14 3.19 -43.02	100.50 3.58 -33.05	98.24 3.41 -33.87	103.52 3.90 -27.49	104.94 4.35 -25.51	123.32 4.96 -36.98	133.77 4.49 -56.78	133.61 4.91 -54.27	139.59 6.08 -41.33	108.78 6.40 -2.44	102.04 5.82 -3.87	97.63 5.39 -5.30	94.66 5.36 -2.81	89.13 5.17 -4.35	91.88 5.92 -0.15	101.27 6.07 -7.16	113.81 7.06 -4.38	105.21 6.24 -5.89	97.87 5.42 -13.95	93.16 4.96 -15.27	86.53 4.90 -8.57	78.08 4.70 0.00	78.29 4.36 0.00
HARSNRAD_115KV_TB1 81005	58.86 -5.65 -8.61	56.15 -5.82 -7.04	62.83 -6.45 -5.41	60.03 -6.46 -5.54	68.84 -7.79 -4.50	71.37 -7.88 -4.17	77.74 -9.68 -6.05	70.50 -9.57 -7.58	71.10 -10.57 -7.24	84.79 -12.90 -5.52	86.28 -13.99 -0.33	79.30 -13.58 -0.52	75.39 -12.26 -0.71	74.76 -12.11 -0.38	69.53 -10.67 -0.58	74.50 -11.33 -0.03	76.32 -12.68 -0.96	87.81 -15.15 -0.59	80.56 -13.31 -0.79	69.54 -10.83 -1.86	65.20 -9.77 -2.04	64.71 -9.57 -1.21	65.45 -7.92 0.00	66.83 -7.10 0.00
HARZA MOOSE___RIVER 24016	58.29 0.56 -1.83	56.98 0.55 -1.49	65.92 0.89 -1.15	63.23 1.10 -1.18	74.46 1.37 -0.95	77.31 1.35 -0.89	84.53 1.87 -1.28	76.42 1.96 -1.97	78.02 1.71 -1.89	95.73 2.12 -1.44	101.83 1.80 -0.08	94.25 1.75 -0.13	88.60 1.48 -0.18	88.06 1.47 -0.10	81.43 1.67 -0.15	87.53 1.72 -0.01	90.22 1.94 -0.25	104.98 2.46 -0.15	95.24 1.95 -0.20	80.56 1.57 -0.49	74.84 1.39 -0.53	74.69 1.32 -0.30	74.70 1.32 0.00	75.18 1.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	59.94 -1.17 -5.21	57.88 -1.32 -4.26	65.68 -1.47 -3.27	62.85 -1.46 -3.35	73.13 -1.73 -2.72	75.87 -1.73 -2.53	83.16 -1.87 -3.66	76.52 -1.59 -5.63	78.02 -1.79 -5.38	94.15 -2.12 -4.10	97.89 -2.30 -0.24	90.52 -2.22 -0.38	85.47 -2.00 -0.53	84.70 -2.08 -0.28	78.29 -1.75 -0.43	83.93 -1.89 -0.02	86.72 -2.02 -0.71	100.55 -2.25 -0.43	91.52 -2.14 -0.58	78.16 -1.73 -1.38	72.76 -1.68 -1.51	72.24 -1.68 -0.85	71.77 -1.61 0.00	72.22 -1.70 0.00
HELLGATE_13_KV_LD 55870	116.76 4.70 -56.16	105.31 4.45 -45.92	104.01 4.85 -35.28	101.75 4.63 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.61 6.75 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.47 8.11 -51.18	111.04 8.50 -2.60	120.90 7.85 -20.70	116.47 7.30 -22.22	107.50 7.27 -13.74	107.74 6.93 -21.21	93.78 7.81 -0.17	121.73 7.84 -25.86	125.22 9.01 -13.84	107.57 8.19 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.54 6.50 -17.96	89.77 6.31 -10.08	79.92 5.99 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	116.76 4.70 -56.16	105.31 4.45 -45.92	104.01 4.85 -35.28	101.75 4.63 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.61 6.75 -39.48	139.05 5.94 -60.62	140.08 6.40 -59.25	151.47 8.11 -51.18	111.04 8.50 -2.60	120.90 7.85 -20.70	116.47 7.30 -22.22	107.50 7.27 -13.74	107.74 6.93 -21.21	93.78 7.81 -0.17	121.73 7.84 -25.86	125.22 9.01 -13.84	107.57 8.19 -6.30	100.31 6.91 -14.90	95.58 6.34 -16.31	97.54 6.50 -17.96	89.77 6.31 -10.08	79.92 5.99 -0.01
HEMPSTEAD____ 23647	117.00 4.92 -56.17	105.30 4.45 -45.92	103.76 4.60 -35.27	101.50 4.39 -36.16	106.60 5.12 -29.34	108.09 5.78 -27.23	127.86 7.00 -39.49	139.36 6.24 -60.63	143.72 6.62 -62.67	144.52 8.20 -44.14	111.16 8.60 -2.61	105.23 7.94 -4.93	100.08 7.48 -5.66	96.75 7.27 -3.00	91.10 6.85 -4.64	94.03 8.06 -0.16	123.86 7.93 -27.89	121.92 8.90 -10.65	124.19 8.19 -22.92	115.22 6.98 -29.73	98.74 6.49 -19.33	100.02 6.65 -20.29	79.91 6.53 0.00	79.69 5.77 0.00
HEWLETT_69_KV_BK3 55828	117.50 5.42 -56.18	105.80 4.94 -45.92	104.26 5.11 -35.27	101.99 4.88 -36.16	107.39 5.92 -29.34	108.84 6.53 -27.23	128.76 7.89 -39.49	140.02 6.89 -60.64	144.64 7.14 -63.07	145.35 9.03 -44.15	112.36 9.79 -2.62	106.30 8.96 -4.98	100.94 8.35 -5.66	97.79 8.30 -3.00	91.97 7.72 -4.64	94.98 9.01 -0.16	126.01 8.89 -29.08	123.60 10.24 -10.99	126.19 9.21 -23.89	117.04 7.93 -30.60	99.88 7.44 -19.51	101.55 7.53 -20.95	80.79 7.41 0.00	80.43 6.51 0.00
HICKLING___1 23621	68.26 -2.01 -14.37	64.49 -2.20 -11.75	70.61 -2.30 -9.03	67.89 -2.32 -9.25	76.90 -2.74 -7.51	79.41 -2.63 -6.97	88.46 -3.01 -10.10	84.23 -2.97 -14.71	85.07 -3.42 -14.06	98.64 -4.24 -10.71	95.98 -4.60 -0.63	89.02 -4.34 -1.00	84.32 -4.00 -1.38	83.33 -3.89 -0.73	77.24 -3.50 -1.13	82.67 -3.17 -0.04	86.29 -3.61 -1.86	99.51 -3.99 -1.14	90.98 -3.63 -1.53	79.06 -3.06 -3.62	73.97 -2.92 -3.96	72.25 -3.07 -2.25	71.62 -1.76 0.00	72.74 -1.18 0.00
HICKLING___2 23622	68.26 -2.01 -14.37	64.49 -2.20 -11.75	70.61 -2.30 -9.03	67.89 -2.32 -9.25	76.90 -2.74 -7.51	79.41 -2.63 -6.97	88.46 -3.01 -10.10	84.23 -2.97 -14.71	85.07 -3.42 -14.06	98.64 -4.24 -10.71	95.98 -4.60 -0.63	89.02 -4.34 -1.00	84.32 -4.00 -1.38	83.33 -3.89 -0.73	77.24 -3.50 -1.13	82.67 -3.17 -0.04	86.29 -3.61 -1.86	99.51 -3.99 -1.14	90.98 -3.63 -1.53	79.06 -3.06 -3.62	73.97 -2.92 -3.96	72.25 -3.07 -2.25	71.62 -1.76 0.00	72.74 -1.18 0.00
HIGH FALLS___HY 23754	116.62 5.14 -55.57	104.99 4.61 -45.44	104.09 5.30 -34.91	101.86 5.12 -35.78	107.01 5.84 -29.03	108.48 6.46 -26.95	127.84 7.40 -39.06	139.07 6.60 -59.98	138.90 7.14 -57.33	144.50 8.66 -43.67	111.32 8.80 -2.57	104.39 7.94 -4.09	99.84 7.30 -5.60	96.81 7.35 -2.96	91.29 7.09 -4.59	94.29 8.32 -0.16	104.23 8.63 -7.57	117.23 10.24 -4.62	108.34 9.03 -6.23	101.17 7.93 -14.73	96.21 7.15 -16.13	89.06 6.94 -9.05	79.91 6.53 0.00	79.99 6.06 0.00
HIGH_RIVER___SOLAR 323847	132.99 2.57 -74.51	118.45 2.58 -60.93	113.69 3.00 -46.80	111.68 2.75 -47.98	114.46 3.39 -38.93	114.81 3.60 -36.13	137.74 3.99 -52.38	156.43 3.48 -80.46	155.05 3.72 -76.90	154.99 4.24 -58.57	107.60 4.20 -3.45	101.35 3.51 -5.48	97.58 3.13 -7.51	93.67 3.20 -3.98	88.87 3.10 -6.16	90.06 4.03 -0.22	102.76 4.58 -10.15	114.10 5.52 -6.20	106.46 5.02 -8.35	102.43 4.16 -19.77	98.43 3.86 -21.64	88.93 3.72 -12.14	76.97 3.59 0.00	77.33 3.40 0.00

HILLBURN___GT 23639	112.68 3.41 -53.37	101.70 3.13 -43.63	100.85 3.45 -33.52	98.60 3.29 -34.36	103.77 3.75 -27.88	105.08 4.13 -25.88	123.69 4.80 -37.51	134.51 4.42 -57.60	134.24 4.77 -55.05	140.09 5.99 -41.93	108.72 6.30 -2.47	102.01 5.73 -3.93	97.71 5.39 -5.38	94.62 5.28 -2.85	89.12 5.10 -4.41	91.80 5.84 -0.16	101.11 5.81 -7.27	113.46 6.65 -4.44	105.11 6.05 -5.98	97.92 5.26 -14.15	93.23 4.81 -15.49	86.51 4.75 -8.69	78.08 4.70 0.00	78.14 4.21 0.00
HILLSIDE_115KV_TB1 80332	68.25 -2.52 -14.86	64.45 -2.64 -12.15	70.34 -2.87 -9.34	67.66 -2.86 -9.57	76.51 -3.39 -7.77	78.90 -3.38 -7.21	87.99 -3.82 -10.45	83.93 -3.84 -15.28	84.79 -4.24 -14.61	98.14 -5.16 -11.13	95.01 -5.60 -0.66	88.14 -5.26 -1.04	83.50 -4.87 -1.43	82.58 -4.67 -0.76	76.48 -4.30 -1.17	81.73 -4.12 -0.04	85.39 -4.58 -1.93	98.43 -5.12 -1.18	90.01 -4.65 -1.59	78.34 -3.93 -3.76	73.25 -3.79 -4.11	71.53 -3.87 -2.33	70.74 -2.64 0.00	71.93 -2.00 0.00
HISHELDN_WT_PWR 323625	61.23 -4.86 -10.19	58.32 -4.94 -8.33	64.78 -5.49 -6.40	62.09 -5.43 -6.56	71.25 -6.20 -5.32	73.71 -6.31 -4.94	81.05 -7.48 -7.16	74.26 -7.47 -9.23	75.14 -8.11 -8.82	88.94 -9.96 -6.72	89.85 -10.49 -0.40	82.74 -10.25 -0.63	78.41 -9.39 -0.87	77.87 -9.08 -0.46	72.12 -8.20 -0.71	77.86 -7.98 -0.03	79.96 -9.24 -1.17	93.57 -9.52 -0.72	84.36 -9.68 -0.96	72.61 -8.17 -2.27	67.98 -7.44 -2.49	67.30 -7.24 -1.46	67.73 -5.65 0.00	69.27 -4.65 0.00
HOLTSVILLE_IC_1 23690	118.11 6.04 -56.17	106.30 5.44 -45.92	104.71 5.55 -35.27	102.41 5.30 -36.16	107.75 6.27 -29.34	109.44 7.14 -27.23	129.48 8.62 -39.49	140.88 7.76 -60.63	143.71 8.19 -61.10	146.27 9.96 -44.14	113.85 11.29 -2.61	107.30 10.25 -4.69	102.25 9.65 -5.66	98.83 9.34 -3.00	93.09 8.84 -4.64	96.43 10.46 -0.16	120.48 10.56 -21.89	123.43 12.18 -8.89	122.15 11.07 -18.00	113.24 9.42 -25.32	100.10 8.75 -18.42	98.82 8.76 -16.98	81.74 8.36 0.00	81.39 7.46 0.00
HOLTSVILLE_IC_10 23699	118.44 6.37 -56.17	106.62 5.77 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.11 6.63 -29.34	109.81 7.51 -27.23	129.97 9.11 -39.49	141.38 8.26 -60.63	144.18 8.63 -61.13	146.81 10.50 -44.14	114.64 12.09 -2.61	108.04 10.99 -4.69	102.85 10.25 -5.66	99.52 10.03 -3.00	93.64 9.39 -4.64	97.12 11.15 -0.16	121.37 11.36 -21.98	124.39 13.11 -8.92	123.07 11.92 -18.07	113.94 10.05 -25.38	100.70 9.34 -18.44	99.46 9.36 -17.03	82.25 8.88 0.00	81.91 7.99 0.00
HOLTSVILLE_IC_2 23691	118.11 6.04 -56.17	106.30 5.44 -45.92	104.71 5.55 -35.27	102.41 5.30 -36.16	107.75 6.27 -29.34	109.44 7.14 -27.23	129.48 8.62 -39.49	140.88 7.76 -60.63	143.71 8.19 -61.10	146.27 9.96 -44.14	113.85 11.29 -2.61	107.30 10.25 -4.69	102.25 9.65 -5.66	98.83 9.34 -3.00	93.09 8.84 -4.64	96.43 10.46 -0.16	120.48 10.56 -21.89	123.43 12.18 -8.89	122.15 11.07 -18.00	113.24 9.42 -25.32	100.10 8.75 -18.42	98.82 8.76 -16.98	81.74 8.36 0.00	81.39 7.46 0.00
HOLTSVILLE_IC_3 23692	118.11 6.04 -56.17	106.30 5.44 -45.92	104.71 5.55 -35.27	102.41 5.30 -36.16	107.75 6.27 -29.34	109.44 7.14 -27.23	129.48 8.62 -39.49	140.88 7.76 -60.63	143.71 8.19 -61.10	146.27 9.96 -44.14	113.85 11.29 -2.61	107.30 10.25 -4.69	102.25 9.65 -5.66	98.83 9.34 -3.00	93.09 8.84 -4.64	96.43 10.46 -0.16	120.48 10.56 -21.89	123.43 12.18 -8.89	122.15 11.07 -18.00	113.24 9.42 -25.32	100.10 8.75 -18.42	98.82 8.76 -16.98	81.74 8.36 0.00	81.39 7.46 0.00
HOLTSVILLE_IC_4 23693	118.11 6.04 -56.17	106.30 5.44 -45.92	104.71 5.55 -35.27	102.41 5.30 -36.16	107.75 6.27 -29.34	109.44 7.14 -27.23	129.48 8.62 -39.49	140.88 7.76 -60.63	143.71 8.19 -61.10	146.27 9.96 -44.14	113.85 11.29 -2.61	107.30 10.25 -4.69	102.25 9.65 -5.66	98.83 9.34 -3.00	93.09 8.84 -4.64	96.43 10.46 -0.16	120.48 10.56 -21.89	123.43 12.18 -8.89	122.15 11.07 -18.00	113.24 9.42 -25.32	100.10 8.75 -18.42	98.82 8.76 -16.98	81.74 8.36 0.00	81.39 7.46 0.00
HOLTSVILLE_IC_5 23694	118.11 6.04 -56.17	106.30 5.44 -45.92	104.71 5.55 -35.27	102.41 5.30 -36.16	107.75 6.27 -29.34	109.44 7.14 -27.23	129.48 8.62 -39.49	140.88 7.76 -60.63	143.71 8.19 -61.10	146.27 9.96 -44.14	113.85 11.29 -2.61	107.30 10.25 -4.69	102.25 9.65 -5.66	98.83 9.34 -3.00	93.09 8.84 -4.64	96.43 10.46 -0.16	120.48 10.56 -21.89	123.43 12.18 -8.89	122.15 11.07 -18.00	113.24 9.42 -25.32	100.10 8.75 -18.42	98.82 8.76 -16.98	81.74 8.36 0.00	81.39 7.46 0.00
HOLTSVILLE_IC_6 23695	118.44 6.37 -56.17	106.62 5.77 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.11 6.63 -29.34	109.81 7.51 -27.23	129.97 9.11 -39.49	141.38 8.26 -60.63	144.18 8.63 -61.13	146.81 10.50 -44.14	114.64 12.09 -2.61	108.04 10.99 -4.69	102.85 10.25 -5.66	99.52 10.03 -3.00	93.64 9.39 -4.64	97.12 11.15 -0.16	121.37 11.36 -21.98	124.39 13.11 -8.92	123.07 11.92 -18.07	113.94 10.05 -25.38	100.70 9.34 -18.44	99.46 9.36 -17.03	82.25 8.88 0.00	81.91 7.99 0.00
HOLTSVILLE_IC_7 23696	118.44 6.37 -56.17	106.62 5.77 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.11 6.63 -29.34	109.81 7.51 -27.23	129.97 9.11 -39.49	141.38 8.26 -60.63	144.18 8.63 -61.13	146.81 10.50 -44.14	114.64 12.09 -2.61	108.04 10.99 -4.69	102.85 10.25 -5.66	99.52 10.03 -3.00	93.64 9.39 -4.64	97.12 11.15 -0.16	121.37 11.36 -21.98	124.39 13.11 -8.92	123.07 11.92 -18.07	113.94 10.05 -25.38	100.70 9.34 -18.44	99.46 9.36 -17.03	82.25 8.88 0.00	81.91 7.99 0.00
HOLTSVILLE_IC_8 23697	118.44 6.37 -56.17	106.62 5.77 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.11 6.63 -29.34	109.81 7.51 -27.23	129.97 9.11 -39.49	141.38 8.26 -60.63	144.18 8.63 -61.13	146.81 10.50 -44.14	114.64 12.09 -2.61	108.04 10.99 -4.69	102.85 10.25 -5.66	99.52 10.03 -3.00	93.64 9.39 -4.64	97.12 11.15 -0.16	121.37 11.36 -21.98	124.39 13.11 -8.92	123.07 11.92 -18.07	113.94 10.05 -25.38	100.70 9.34 -18.44	99.46 9.36 -17.03	82.25 8.88 0.00	81.91 7.99 0.00
HOLTSVILLE_IC_9 23698	118.44 6.37 -56.17	106.62 5.77 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.11 6.63 -29.34	109.81 7.51 -27.23	129.97 9.11 -39.49	141.38 8.26 -60.63	144.18 8.63 -61.13	146.81 10.50 -44.14	114.64 12.09 -2.61	108.04 10.99 -4.69	102.85 10.25 -5.66	99.52 10.03 -3.00	93.64 9.39 -4.64	97.12 11.15 -0.16	121.37 11.36 -21.98	124.39 13.11 -8.92	123.07 11.92 -18.07	113.94 10.05 -25.38	100.70 9.34 -18.44	99.46 9.36 -17.03	82.25 8.88 0.00	81.91 7.99 0.00
HOMER_HL_115KV_TB2 355744	61.06 -5.59 -10.75	57.96 -5.77 -8.79	64.31 -6.32 -6.75	61.66 -6.22 -6.92	70.32 -7.43 -5.62	72.86 -7.43 -5.21	80.30 -8.63 -7.56	73.91 -8.48 -9.90	75.03 -8.86 -9.46	88.41 -10.97 -7.21	88.68 -11.69 -0.43	82.32 -10.71 -0.68	77.70 -10.17 -0.93	77.30 -9.69 -0.49	71.22 -9.16 -0.76	77.43 -8.41 -0.03	79.69 -9.60 -1.25	92.39 -10.75 -0.77	84.24 -9.87 -1.03	72.54 -8.40 -2.43	67.43 -8.17 -2.67	66.01 -8.62 -1.56	68.98 -4.40 0.00	70.89 -3.03 0.00
HOWARD_WT_PWR 323690	64.82 -3.07 -11.99	61.61 -3.13 -9.80	68.02 -3.39 -7.53	65.38 -3.29 -7.72	74.79 -3.60 -6.26	77.44 -3.45 -5.81	86.06 -3.74 -8.43	80.73 -3.69 -11.93	81.59 -4.24 -11.41	95.61 -5.25 -8.69	94.96 -5.50 -0.51	87.54 -5.64 -0.82	83.01 -5.04 -1.12	82.24 -4.84 -0.59	76.30 -4.22 -0.92	82.32 -3.52 -0.03	85.23 -4.31 -1.51	99.81 -3.48 -0.92	90.04 -4.28 -1.24	77.91 -3.53 -2.93	72.86 -3.28 -3.21	71.62 -3.29 -1.84	71.40 -1.98 0.00	72.60 -1.33 0.00

HQ_GEN_CEDARS 23644	55.62 -0.28 0.00	54.94 0.00 0.00	63.88 0.00 0.00	61.08 0.12 0.00	72.28 0.14 0.00	74.85 -0.23 0.00	81.13 -0.24 0.00	72.20 -0.29 0.00	74.05 -0.37 0.00	91.44 -0.74 0.00	99.25 -0.70 0.00	91.80 -0.55 0.00	86.24 -0.70 0.00	85.80 -0.69 0.00	78.73 -0.88 0.00	84.60 -1.20 0.00	87.16 -0.88 0.00	101.35 -1.02 0.00	92.24 -0.84 0.00	77.72 -0.79 0.00	72.27 -0.66 0.00	72.42 -0.66 0.00	72.65 -0.73 0.00	73.63 -0.30 0.00
HQ_GEN_CEDARS_PROXY 323590	55.63 -0.28 0.00	54.88 -0.05 0.00	63.88 0.00 0.00	61.08 0.12 0.00	72.14 0.00 0.00	74.85 -0.22 0.00	81.13 -0.24 0.00	72.20 -0.29 0.00	74.06 -0.37 0.00	91.43 -0.74 0.00	99.25 -0.69 0.00	91.81 -0.55 0.00	86.24 -0.70 0.00	85.80 -0.69 0.00	78.74 -0.87 0.00	84.60 -1.20 0.00	87.16 -0.88 0.00	101.25 -1.12 0.00	92.24 -0.84 0.00	77.72 -0.78 0.00	72.27 -0.66 0.00	72.27 -0.80 0.00	72.65 -0.73 0.00	73.63 -0.29 0.00
HQ_GEN_IMPORT 323601	55.40 -0.50 0.00	54.61 -0.33 0.00	63.50 -0.38 0.00	60.65 -0.30 0.00	71.71 -0.43 0.00	74.55 -0.52 0.00	80.81 -0.57 0.00	71.91 -0.58 0.00	73.83 -0.60 0.00	91.25 -0.92 0.00	99.04 -0.90 0.00	91.52 -0.83 0.00	86.16 -0.78 0.00	85.71 -0.78 0.00	78.74 -0.87 0.00	84.78 -1.03 0.00	87.16 -0.88 0.00	101.25 -1.12 0.00	92.15 -0.93 0.00	77.72 -0.78 0.00	72.20 -0.73 0.00	72.27 -0.80 0.00	72.57 -0.81 0.00	73.33 -0.59 0.00
HQ_GEN_WHEEL 23651	55.40 -0.50 0.00	54.61 -0.33 0.00	63.50 -0.38 0.00	60.65 -0.30 0.00	71.71 -0.43 0.00	74.55 -0.52 0.00	80.81 -0.57 0.00	71.91 -0.58 0.00	73.83 -0.60 0.00	91.25 -0.92 0.00	99.04 -0.90 0.00	91.52 -0.83 0.00	86.16 -0.78 0.00	85.71 -0.78 0.00	78.74 -0.87 0.00	84.78 -1.03 0.00	87.16 -0.88 0.00	101.25 -1.12 0.00	92.15 -0.93 0.00	77.72 -0.78 0.00	72.20 -0.73 0.00	72.27 -0.80 0.00	72.57 -0.81 0.00	73.33 -0.59 0.00
HUDSON_AVE_GT_3 23810	116.58 4.53 -56.15	105.08 4.23 -45.91	103.75 4.60 -35.27	101.44 4.33 -36.15	106.52 5.05 -29.34	107.78 5.48 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.74 8.20 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.49 7.01 -2.99	91.02 6.77 -4.64	93.52 7.55 -0.16	103.34 7.66 -7.65	115.74 8.70 -4.67	107.28 7.91 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.62 5.69 0.00
HUDSON_AVE_GT_4 23540	116.58 4.53 -56.15	105.08 4.23 -45.91	103.75 4.60 -35.27	101.44 4.33 -36.15	106.52 5.05 -29.34	107.78 5.48 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.74 8.20 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.49 7.01 -2.99	91.02 6.77 -4.64	93.52 7.55 -0.16	103.34 7.66 -7.65	115.74 8.70 -4.67	107.28 7.91 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.62 5.69 0.00
HUDSON_AVE_GT_5 23657	116.58 4.53 -56.15	105.08 4.23 -45.91	103.75 4.60 -35.27	101.44 4.33 -36.15	106.52 5.05 -29.34	107.78 5.48 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.74 8.20 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.49 7.01 -2.99	91.02 6.77 -4.64	93.52 7.55 -0.16	103.34 7.66 -7.65	115.74 8.70 -4.67	107.28 7.91 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.62 5.69 0.00
HUDSON_AVE_10 24168	116.41 4.36 -56.15	104.97 4.12 -45.91	103.56 4.41 -35.27	101.31 4.21 -36.15	106.30 4.83 -29.34	107.56 5.26 -27.23	127.03 6.18 -39.47	138.68 5.58 -60.61	138.38 6.03 -57.93	143.85 7.56 -44.12	110.44 7.90 -2.60	103.88 7.39 -4.13	99.38 6.78 -5.66	96.23 6.75 -2.99	90.78 6.53 -4.64	93.26 7.29 -0.16	103.08 7.40 -7.65	115.54 8.50 -4.67	107.00 7.63 -6.29	99.91 6.52 -14.89	95.21 5.98 -16.30	88.35 6.14 -9.14	79.25 5.87 0.00	79.39 5.47 0.00
HUDSON___115KV_TB 4 355613	126.97 3.02 -68.05	113.44 2.86 -55.64	110.01 3.39 -42.74	107.94 3.17 -43.82	111.44 3.75 -35.55	112.13 4.05 -33.00	133.44 4.23 -47.84	149.64 3.62 -73.53	148.65 3.94 -70.28	150.49 4.79 -53.53	107.90 4.80 -3.16	101.62 4.25 -5.01	97.89 4.09 -6.86	94.28 4.15 -3.63	89.22 3.98 -5.63	90.38 4.38 -0.20	101.80 4.49 -9.27	113.36 5.32 -5.67	105.65 4.93 -7.63	100.81 4.24 -18.06	96.64 3.94 -19.77	87.96 3.80 -11.09	77.56 4.18 0.00	78.14 4.21 0.00
HUNTER MOUNT___DRP 323613	125.25 3.13 -66.22	112.05 2.97 -54.14	109.05 3.58 -41.59	106.94 3.35 -42.64	110.70 3.97 -34.60	111.47 4.28 -32.11	132.48 4.56 -46.55	147.76 3.77 -71.50	147.01 4.24 -68.34	149.20 4.98 -52.05	107.91 4.90 -3.07	101.57 4.34 -4.87	97.70 4.09 -6.67	94.18 4.15 -3.53	89.15 4.06 -5.48	90.55 4.55 -0.19	101.81 4.75 -9.02	113.61 5.73 -5.51	105.81 5.31 -7.42	100.62 4.55 -17.56	96.39 4.23 -19.23	87.80 3.95 -10.78	78.08 4.70 0.00	78.73 4.81 0.00
HUNTINGTON_RES_REC 323705	117.49 5.42 -56.17	105.74 4.89 -45.92	104.07 4.92 -35.27	101.81 4.69 -36.16	107.03 5.55 -29.34	108.61 6.31 -27.23	128.67 7.81 -39.49	140.15 7.03 -60.63	142.71 7.15 -61.14	144.88 8.57 -44.14	112.76 10.20 -2.61	106.38 9.32 -4.70	101.38 8.78 -5.66	97.97 8.48 -3.00	92.21 7.96 -4.64	95.49 9.52 -0.16	119.66 9.60 -22.03	122.12 10.85 -8.90	121.22 10.06 -18.09	112.49 8.56 -25.42	99.32 7.95 -18.45	98.10 7.97 -17.06	81.01 7.63 0.00	80.58 6.66 0.00
HUNTLEY___63 23557	60.02 -4.81 -8.92	57.23 -5.00 -7.30	63.99 -5.49 -5.60	61.15 -5.55 -5.74	70.02 -6.78 -4.66	72.65 -6.76 -4.33	79.02 -8.63 -6.27	71.53 -8.63 -7.66	72.00 -9.75 -7.32	85.86 -11.89 -5.58	87.49 -12.79 -0.33	80.42 -12.47 -0.53	76.36 -11.30 -0.72	75.89 -10.98 -0.38	70.41 -9.79 -0.59	75.62 -10.21 -0.03	77.30 -11.71 -0.97	89.04 -13.92 -0.60	81.69 -12.19 -0.80	70.50 -9.89 -1.89	66.10 -8.90 -2.06	65.53 -8.77 -1.23	66.48 -6.90 0.00	67.86 -6.06 0.00
HUNTLEY___64 23558	60.02 -4.81 -8.92	57.23 -5.00 -7.30	63.99 -5.49 -5.60	61.15 -5.55 -5.74	70.02 -6.78 -4.66	72.65 -6.76 -4.33	79.02 -8.63 -6.27	71.53 -8.63 -7.66	72.00 -9.75 -7.32	85.86 -11.89 -5.58	87.49 -12.79 -0.33	80.42 -12.47 -0.53	76.36 -11.30 -0.72	75.89 -10.98 -0.38	70.41 -9.79 -0.59	75.62 -10.21 -0.03	77.30 -11.71 -0.97	89.04 -13.92 -0.60	81.69 -12.19 -0.80	70.50 -9.89 -1.89	66.10 -8.90 -2.06	65.53 -8.77 -1.23	66.48 -6.90 0.00	67.86 -6.06 0.00
HUNTLEY___65 23559	60.02 -4.81 -8.92	57.23 -5.00 -7.30	63.99 -5.49 -5.60	61.15 -5.55 -5.74	70.02 -6.78 -4.66	72.65 -6.76 -4.33	79.02 -8.63 -6.27	71.53 -8.63 -7.66	72.00 -9.75 -7.32	85.86 -11.89 -5.58	87.49 -12.79 -0.33	80.42 -12.47 -0.53	76.36 -11.30 -0.72	75.89 -10.98 -0.38	70.41 -9.79 -0.59	75.62 -10.21 -0.03	77.30 -11.71 -0.97	89.04 -13.92 -0.60	81.69 -12.19 -0.80	70.50 -9.89 -1.89	66.10 -8.90 -2.06	65.53 -8.77 -1.23	66.48 -6.90 0.00	67.86 -6.06 0.00
HUNTLEY___66 23560	60.02 -4.81 -8.92	57.23 -5.00 -7.30	63.99 -5.49 -5.60	61.15 -5.55 -5.74	70.02 -6.78 -4.66	72.65 -6.76 -4.33	79.02 -8.63 -6.27	71.53 -8.63 -7.66	72.00 -9.75 -7.32	85.86 -11.89 -5.58	87.49 -12.79 -0.33	80.42 -12.47 -0.53	76.36 -11.30 -0.72	75.89 -10.98 -0.38	70.41 -9.79 -0.59	75.62 -10.21 -0.03	77.30 -11.71 -0.97	89.04 -13.92 -0.60	81.69 -12.19 -0.80	70.50 -9.89 -1.89	66.10 -8.90 -2.06	65.53 -8.77 -1.23	66.48 -6.90 0.00	67.86 -6.06 0.00

HUNTLEY___67 23561	59.91 -5.09 -9.09	57.10 -5.27 -7.44	63.78 -5.81 -5.71	61.02 -5.79 -5.86	69.89 -7.00 -4.75	72.43 -7.06 -4.41	79.06 -8.71 -6.39	71.34 -8.77 -7.62	72.11 -9.60 -7.29	86.11 -11.61 -5.55	87.69 -12.59 -0.33	80.69 -12.19 -0.52	76.62 -11.04 -0.72	75.98 -10.90 -0.38	70.57 -9.63 -0.59	75.71 -10.13 -0.03	77.56 -11.44 -0.97	89.45 -13.51 -0.59	81.87 -12.01 -0.80	70.33 -10.05 -1.88	65.94 -9.04 -2.05	65.39 -8.91 -1.23	66.34 -7.04 0.00	67.71 -6.21 0.00
HUNTLEY___68 23562	59.91 -5.09 -9.09	57.10 -5.27 -7.44	63.78 -5.81 -5.71	61.02 -5.79 -5.86	69.89 -7.00 -4.75	72.43 -7.06 -4.41	79.06 -8.71 -6.39	71.34 -8.77 -7.62	72.11 -9.60 -7.29	86.11 -11.61 -5.55	87.69 -12.59 -0.33	80.69 -12.19 -0.52	76.62 -11.04 -0.72	75.98 -10.90 -0.38	70.57 -9.63 -0.59	75.71 -10.13 -0.03	77.56 -11.44 -0.97	89.45 -13.51 -0.59	81.87 -12.01 -0.80	70.33 -10.05 -1.88	65.94 -9.04 -2.05	65.39 -8.91 -1.23	66.34 -7.04 0.00	67.71 -6.21 0.00
HYLAND___LFGE 323620	63.49 -2.29 -9.88	60.55 -2.47 -8.08	67.15 -2.94 -6.21	64.33 -2.99 -6.36	74.05 -3.24 -5.16	76.41 -3.45 -4.79	84.74 -3.58 -6.95	79.77 -2.83 -10.11	79.69 -4.39 -9.66	93.90 -5.63 -7.36	93.78 -6.60 -0.44	86.40 -6.65 -0.69	81.97 -5.91 -0.94	81.28 -5.71 -0.50	75.77 -4.62 -0.78	81.20 -4.63 -0.03	84.91 -4.40 -1.28	99.05 -4.10 -0.78	89.94 -4.19 -1.05	77.69 -3.29 -2.48	72.65 -2.99 -2.72	71.55 -3.07 -1.55	70.37 -3.01 0.00	71.19 -2.73 0.00
INDECK___CORINTH 23802	129.74 1.73 -72.10	117.24 3.35 -58.95	113.07 3.90 -45.29	110.91 3.53 -46.42	114.21 4.40 -37.67	114.69 4.66 -34.96	137.19 5.13 -50.69	154.82 4.42 -77.90	154.17 5.28 -74.46	155.43 6.54 -56.71	110.18 6.89 -3.34	103.85 6.19 -5.31	99.69 5.48 -7.27	95.79 5.45 -3.85	90.59 5.02 -5.97	91.68 5.66 -0.21	103.85 5.99 -9.83	115.75 7.37 -6.01	107.78 6.61 -8.09	102.98 5.34 -19.14	98.98 5.10 -20.95	89.64 4.82 -11.75	77.93 4.55 0.00	78.21 4.29 0.00
INDECK___ILION 23567	56.97 1.06 0.00	55.98 1.04 0.00	65.16 1.28 0.00	62.11 1.16 0.00	73.58 1.44 0.00	76.65 1.58 0.00	83.16 1.79 0.00	74.16 1.67 0.00	76.14 1.71 0.00	94.29 2.12 0.00	102.24 2.30 0.00	94.48 2.12 0.00	88.85 1.91 0.00	88.40 1.90 0.00	81.44 1.83 0.00	87.78 1.97 0.00	90.06 2.02 0.00	104.72 2.35 0.00	95.13 2.05 0.00	80.23 1.73 0.00	74.53 1.60 0.00	74.68 1.61 0.00	75.07 1.69 0.00	75.55 1.63 0.00
INDECK___OLEAN 23982	61.18 -5.48 -10.75	58.07 -5.66 -8.79	64.37 -6.26 -6.75	61.66 -6.22 -6.92	70.47 -7.28 -5.62	72.85 -7.43 -5.21	80.30 -8.63 -7.56	73.91 -8.48 -9.90	75.03 -8.86 -9.46	88.50 -10.88 -7.21	89.48 -10.89 -0.43	82.32 -10.71 -0.68	77.70 -10.17 -0.93	77.30 -9.69 -0.49	71.29 -9.08 -0.76	78.46 -7.38 -0.03	79.70 -9.59 -1.25	95.67 -7.47 -0.77	84.34 -9.77 -1.03	72.54 -8.40 -2.43	67.43 -8.17 -2.67	66.15 -8.48 -1.56	68.90 -4.48 0.00	70.89 -3.03 0.00
INDECK___OSWEGO 23783	58.09 -2.18 -4.36	56.25 -2.25 -3.57	64.06 -2.56 -2.74	61.26 -2.50 -2.81	71.45 -2.96 -2.28	74.11 -3.08 -2.12	81.10 -3.34 -3.07	74.30 -2.90 -4.71	75.81 -3.12 -4.51	91.82 -3.78 -3.43	96.05 -4.10 -0.20	88.80 -3.88 -0.32	83.81 -3.57 -0.44	83.10 -3.63 -0.23	76.78 -3.19 -0.36	82.38 -3.43 -0.01	85.02 -3.61 -0.59	98.64 -4.10 -0.36	89.75 -3.82 -0.49	76.52 -3.14 -1.16	71.20 -2.99 -1.27	70.86 -2.93 -0.71	70.37 -3.01 0.00	70.82 -3.10 0.00
INDECK___YERKES 23781	60.30 -4.53 -8.92	57.51 -4.73 -7.30	64.12 -5.37 -5.60	61.27 -5.43 -5.74	70.45 -6.35 -4.66	72.79 -6.61 -4.33	78.85 -8.79 -6.27	71.38 -8.77 -7.66	72.15 -9.60 -7.32	85.95 -11.80 -5.58	87.78 -12.50 -0.33	80.69 -12.19 -0.53	76.53 -11.13 -0.72	76.15 -10.73 -0.38	70.57 -9.64 -0.59	75.88 -9.95 -0.03	77.65 -11.36 -0.97	90.58 -12.39 -0.60	81.97 -11.92 -0.80	70.58 -9.82 -1.89	66.17 -8.83 -2.06	65.90 -8.40 -1.23	66.33 -7.04 0.00	67.94 -5.99 0.00
INDIAN POINT_GT_1 24139	115.15 3.69 -55.56	103.77 3.41 -45.43	102.55 3.77 -34.90	100.32 3.60 -35.77	105.28 4.11 -29.03	106.52 4.50 -26.94	125.63 5.21 -39.06	137.17 4.71 -59.97	136.88 5.14 -57.32	142.28 6.45 -43.66	109.32 6.80 -2.57	102.72 6.28 -4.09	98.36 5.82 -5.60	95.25 5.80 -2.96	89.70 5.49 -4.59	92.14 6.18 -0.16	101.94 6.34 -7.56	114.26 7.27 -4.62	105.82 6.52 -6.23	98.81 5.57 -14.73	94.16 5.10 -16.13	87.31 5.19 -9.05	78.37 4.99 0.00	78.58 4.66 0.00
INDIAN POINT_GT_2 23659	115.15 3.69 -55.56	103.77 3.41 -45.43	102.55 3.77 -34.90	100.32 3.60 -35.77	105.28 4.11 -29.03	106.52 4.50 -26.94	125.63 5.21 -39.06	137.17 4.71 -59.97	136.88 5.14 -57.32	142.28 6.45 -43.66	109.32 6.80 -2.57	102.72 6.28 -4.09	98.36 5.82 -5.60	95.25 5.80 -2.96	89.70 5.49 -4.59	92.14 6.18 -0.16	101.94 6.34 -7.56	114.26 7.27 -4.62	105.82 6.52 -6.23	98.81 5.57 -14.73	94.16 5.10 -16.13	87.31 5.19 -9.05	78.37 4.99 0.00	78.58 4.66 0.00
INDIAN POINT_GT_3 24019	115.15 3.69 -55.56	103.77 3.41 -45.43	102.55 3.77 -34.90	100.32 3.60 -35.77	105.28 4.11 -29.03	106.52 4.50 -26.94	125.63 5.21 -39.06	137.17 4.71 -59.97	136.88 5.14 -57.32	142.28 6.45 -43.66	109.32 6.80 -2.57	102.72 6.28 -4.09	98.36 5.82 -5.60	95.25 5.80 -2.96	89.70 5.49 -4.59	92.14 6.18 -0.16	101.94 6.34 -7.56	114.26 7.27 -4.62	105.82 6.52 -6.23	98.81 5.57 -14.73	94.16 5.10 -16.13	87.31 5.19 -9.05	78.37 4.99 0.00	78.58 4.66 0.00
INDIAN POINT___2 23530	114.18 3.52 -54.75	103.00 3.30 -44.77	101.85 3.58 -34.39	99.62 3.41 -35.25	104.63 3.89 -28.61	105.90 4.28 -26.55	124.82 4.96 -38.49	136.16 4.57 -59.10	135.82 4.91 -56.48	141.37 6.18 -43.02	108.97 6.49 -2.54	102.30 5.92 -4.03	98.02 5.57 -5.52	94.87 5.45 -2.92	89.39 5.25 -4.53	91.88 5.92 -0.16	101.48 5.99 -7.45	113.68 6.75 -4.56	105.45 6.24 -6.13	98.36 5.34 -14.52	93.71 4.89 -15.89	86.88 4.90 -8.91	78.22 4.84 0.00	78.36 4.44 0.00
INDIAN POINT___3 23531	115.08 3.58 -55.60	103.70 3.30 -45.46	102.45 3.64 -34.93	100.23 3.47 -35.80	105.15 3.97 -29.05	106.39 4.35 -26.96	125.50 5.05 -39.09	137.08 4.57 -60.02	136.78 4.99 -57.36	142.13 6.27 -43.69	109.12 6.60 -2.58	102.54 6.10 -4.09	98.11 5.56 -5.60	94.99 5.54 -2.97	89.54 5.33 -4.60	91.97 6.01 -0.16	101.68 6.07 -7.57	114.06 7.06 -4.63	105.64 6.33 -6.23	98.59 5.34 -14.74	94.03 4.96 -16.14	87.10 4.97 -9.05	78.22 4.84 0.00	78.36 4.44 0.00
INGHAM_C_115KV_TB7 356103	57.75 1.84 0.00	56.75 1.81 0.00	66.12 2.24 0.00	63.09 2.13 0.00	74.73 2.60 0.00	77.85 2.78 0.00	84.55 3.17 0.00	75.39 2.90 0.00	77.33 2.90 0.00	95.86 3.69 0.00	103.84 3.90 0.00	95.96 3.60 0.00	90.24 3.30 0.00	89.69 3.20 0.00	82.64 3.03 0.00	89.07 3.26 0.00	91.47 3.43 0.00	106.36 3.99 0.00	96.62 3.54 0.00	81.49 2.98 0.00	75.70 2.77 0.00	75.85 2.78 0.00	76.24 2.86 0.00	76.81 2.88 0.00
IP CORINTH___1 23988	130.02 2.01 -72.10	117.24 3.35 -58.95	113.07 3.90 -45.29	110.91 3.54 -46.42	114.21 4.40 -37.67	114.69 4.65 -34.96	137.18 5.13 -50.69	154.82 4.42 -77.90	154.17 5.28 -74.46	155.43 6.54 -56.71	110.18 6.90 -3.34	103.85 6.19 -5.31	99.69 5.48 -7.27	95.71 5.36 -3.85	90.59 5.02 -5.97	91.68 5.66 -0.21	103.85 5.99 -9.83	115.64 7.27 -6.01	107.78 6.61 -8.09	102.98 5.34 -19.14	98.98 5.10 -20.95	89.65 4.82 -11.75	78.00 4.62 0.00	78.21 4.29 0.00

IP___TICONDEROGA 23804	131.50 3.58 -72.02	118.49 4.67 -58.89	114.55 5.43 -45.24	112.14 4.82 -46.37	115.89 6.13 -37.63	116.45 6.46 -34.92	139.24 7.24 -50.63	156.54 6.23 -77.81	156.39 7.59 -74.37	158.41 9.59 -56.65	113.28 9.99 -3.34	106.62 8.96 -5.30	101.85 7.65 -7.26	97.86 7.52 -3.84	92.65 7.09 -5.96	94.08 8.07 -0.21	106.39 8.54 -9.82	118.81 10.44 -6.00	110.65 9.49 -8.08	105.24 7.62 -19.12	101.07 7.22 -20.93	91.53 6.72 -11.74	79.69 6.31 0.00	79.84 5.91 0.00
ISLIP_RES_REC 323679	118.72 6.65 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.40 6.93 -29.34	110.11 7.81 -27.23	130.37 9.52 -39.49	141.74 8.62 -60.63	144.64 9.08 -61.14	147.37 11.06 -44.14	115.25 12.69 -2.61	108.69 11.64 -4.70	103.46 10.87 -5.66	99.95 10.46 -3.00	94.12 9.87 -4.64	97.64 11.67 -0.16	121.95 11.88 -22.03	125.02 13.72 -8.93	123.67 12.48 -18.12	114.53 10.59 -25.43	101.15 9.78 -18.45	99.85 9.72 -17.06	82.63 9.25 0.00	82.20 8.28 0.00
JAMAICA__27_KV_LOAD 355505	116.69 4.64 -56.15	105.30 4.45 -45.91	103.88 4.73 -35.27	101.56 4.45 -36.15	106.59 5.12 -29.34	107.93 5.63 -27.23	127.35 6.51 -39.47	138.97 5.87 -60.61	138.61 6.25 -57.93	144.13 7.83 -44.12	110.64 8.10 -2.60	104.06 7.57 -4.13	99.64 7.04 -5.66	96.49 7.01 -2.99	91.02 6.77 -4.64	93.43 7.47 -0.16	103.34 7.66 -7.65	115.85 8.80 -4.67	107.38 8.00 -6.29	100.22 6.83 -14.89	95.50 6.27 -16.30	88.65 6.43 -9.14	79.54 6.16 0.00	79.62 5.69 0.00
JANIS___SOLAR 323808	73.24 2.12 -15.22	69.19 1.81 -12.44	75.73 2.30 -9.56	72.70 1.95 -9.80	82.54 2.45 -7.95	85.15 2.70 -7.38	95.73 3.67 -10.70	92.21 3.48 -16.23	92.99 3.05 -15.52	107.77 3.78 -11.82	104.24 3.59 -0.70	96.78 3.32 -1.11	91.41 2.96 -1.52	90.15 2.85 -0.80	83.96 3.10 -1.24	89.62 3.77 -0.04	94.14 4.05 -2.05	109.35 5.73 -1.25	99.42 4.65 -1.69	86.34 3.85 -3.99	80.72 3.43 -4.37	78.89 3.36 -2.46	76.90 3.52 0.00	77.47 3.55 0.00
JARVIS____ 23743	56.24 0.34 0.00	55.21 0.28 0.00	64.27 0.39 0.00	61.32 0.37 0.00	72.57 0.44 0.00	75.53 0.45 0.00	81.95 0.57 0.00	73.00 0.51 0.00	75.02 0.59 0.00	92.91 0.73 0.00	100.74 0.80 0.00	93.09 0.74 0.00	87.63 0.69 0.00	87.18 0.69 0.00	80.24 0.63 0.00	86.49 0.68 0.00	88.74 0.70 0.00	103.18 0.82 0.00	93.82 0.74 0.00	79.13 0.63 0.00	73.51 0.58 0.00	73.66 0.58 0.00	73.96 0.58 0.00	74.45 0.52 0.00
JENNISON___1 23625	78.11 2.46 -19.75	73.23 2.14 -16.15	79.10 2.81 -12.41	76.11 2.44 -12.72	85.41 2.96 -10.32	87.81 3.15 -9.58	99.40 4.15 -13.88	97.45 3.91 -21.05	98.26 3.72 -20.12	112.29 4.79 -15.32	105.45 4.60 -0.90	98.22 4.43 -1.43	92.90 4.00 -1.97	91.43 3.89 -1.04	85.20 3.98 -1.61	90.32 4.46 -0.06	95.45 4.75 -2.66	109.93 5.94 -1.62	100.38 5.12 -2.19	87.92 4.24 -5.17	82.38 3.79 -5.66	79.99 3.73 -3.18	77.49 4.11 0.00	78.14 4.21 0.00
JENNISON___2 23626	78.11 2.46 -19.75	73.23 2.14 -16.15	79.10 2.81 -12.41	76.11 2.44 -12.72	85.41 2.96 -10.32	87.81 3.15 -9.58	99.40 4.15 -13.88	97.45 3.91 -21.05	98.26 3.72 -20.12	112.29 4.79 -15.32	105.45 4.60 -0.90	98.22 4.43 -1.43	92.90 4.00 -1.97	91.43 3.89 -1.04	85.20 3.98 -1.61	90.32 4.46 -0.06	95.45 4.75 -2.66	109.93 5.94 -1.62	100.38 5.12 -2.19	87.92 4.24 -5.17	82.38 3.79 -5.66	79.99 3.73 -3.18	77.49 4.11 0.00	78.14 4.21 0.00
JERICOHO_RISE_WT_PWR 323719	55.57 -0.33 0.00	54.94 0.00 0.00	64.07 0.19 0.00	61.38 0.43 0.00	72.57 0.44 0.00	75.45 0.38 0.00	81.45 0.08 0.00	72.56 0.07 0.00	74.43 0.00 0.00	91.53 -0.64 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.74 -0.87 0.00	84.69 -1.12 0.00	87.24 -0.79 0.00	101.45 -0.92 0.00	92.52 -0.56 0.00	77.96 -0.55 0.00	72.42 -0.51 0.00	72.41 -0.66 0.00	72.87 -0.51 0.00	74.07 0.15 0.00
KATONAH___115KV_46KV_TB4 355592	117.11 4.36 -56.85	105.48 4.07 -46.48	104.12 4.54 -35.71	101.88 4.33 -36.60	106.81 4.98 -29.70	107.97 5.33 -27.57	127.52 6.18 -39.96	139.44 5.58 -61.36	139.25 6.18 -58.65	144.58 7.74 -44.67	110.87 8.30 -2.63	104.11 7.57 -4.18	99.62 6.96 -5.73	96.44 6.92 -3.03	90.84 6.53 -4.70	93.35 7.38 -0.17	103.26 7.48 -7.74	115.90 8.80 -4.73	107.36 7.91 -6.37	100.10 6.52 -15.07	95.56 6.13 -16.50	88.47 6.14 -9.26	79.25 5.87 0.00	79.39 5.47 0.00
KCE_NY_1 323755	130.76 2.96 -71.90	117.02 3.30 -58.79	112.87 3.83 -45.16	110.78 3.53 -46.29	114.03 4.33 -37.57	114.52 4.58 -34.86	136.80 4.88 -50.54	154.38 4.20 -77.69	153.51 4.83 -74.25	154.71 5.99 -56.55	109.68 6.40 -3.33	103.38 5.73 -5.29	99.41 5.22 -7.25	95.43 5.10 -3.84	90.42 4.86 -5.95	91.42 5.41 -0.21	103.39 5.55 -9.80	115.11 6.75 -5.99	107.19 6.05 -8.06	102.62 5.03 -19.08	98.56 4.74 -20.89	89.40 4.61 -11.72	77.86 4.48 0.00	78.21 4.29 0.00
KCE_NY_6_ESR 323823	60.64 -4.75 -9.49	57.75 -4.94 -7.76	64.28 -5.56 -5.96	61.52 -5.55 -6.11	70.67 -6.42 -4.96	72.99 -6.68 -4.60	79.90 -8.14 -6.67	72.55 -8.19 -8.25	73.45 -8.86 -7.89	87.40 -10.78 -6.01	89.01 -11.29 -0.36	81.84 -11.09 -0.57	77.54 -10.17 -0.77	77.13 -9.77 -0.41	71.41 -8.84 -0.64	77.25 -8.58 -0.03	78.96 -10.12 -1.05	92.77 -10.24 -0.64	83.33 -10.61 -0.86	71.51 -9.03 -2.03	66.91 -8.24 -2.22	66.35 -8.04 -1.32	67.36 -6.02 0.00	69.04 -4.88 0.00
KEDC PORT_JEFF_GT2 24210	118.39 6.32 -56.17	106.52 5.66 -45.92	104.97 5.81 -35.27	102.60 5.49 -36.16	108.04 6.56 -29.34	109.74 7.43 -27.23	129.89 9.03 -39.49	141.24 8.12 -60.63	144.03 8.48 -61.12	146.63 10.32 -44.14	114.44 11.89 -2.61	107.85 10.80 -4.69	102.77 10.17 -5.66	99.35 9.86 -3.00	93.48 9.23 -4.64	96.95 10.99 -0.16	121.17 11.18 -21.95	124.18 12.90 -8.91	122.86 11.73 -18.05	113.84 9.97 -25.37	100.55 9.19 -18.43	99.30 9.21 -17.01	82.18 8.80 0.00	81.76 7.83 0.00
KEDC PORT_JEFF_GT3 24211	118.39 6.32 -56.17	106.52 5.66 -45.92	104.97 5.81 -35.27	102.60 5.49 -36.16	108.04 6.56 -29.34	109.74 7.43 -27.23	129.89 9.03 -39.49	141.24 8.12 -60.63	144.03 8.48 -61.12	146.63 10.32 -44.14	114.44 11.89 -2.61	107.85 10.80 -4.69	102.77 10.17 -5.66	99.35 9.86 -3.00	93.48 9.23 -4.64	96.95 10.99 -0.16	121.17 11.18 -21.95	124.18 12.90 -8.91	122.86 11.73 -18.05	113.84 9.97 -25.37	100.55 9.19 -18.43	99.30 9.21 -17.01	82.18 8.80 0.00	81.76 7.83 0.00
KEDC_GLWD_GT4 24219	116.94 4.86 -56.18	105.30 4.45 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.74 5.26 -29.34	108.17 5.86 -27.23	127.78 6.91 -39.49	139.36 6.24 -60.63	144.40 6.55 -63.43	144.52 8.20 -44.14	110.76 8.20 -2.62	104.89 7.48 -5.05	99.73 7.13 -5.66	96.41 6.92 -3.00	90.78 6.53 -4.64	93.52 7.55 -0.16	126.40 7.48 -30.88	122.39 8.49 -11.53	126.27 7.82 -25.37	117.10 6.67 -31.92	98.83 6.13 -19.78	101.22 6.21 -21.94	79.47 6.09 0.00	79.32 5.39 0.00
KEDC_GLWD_GT5 24220	116.94 4.86 -56.18	105.30 4.45 -45.92	103.81 4.66 -35.27	101.56 4.45 -36.16	106.74 5.26 -29.34	108.17 5.86 -27.23	127.78 6.91 -39.49	139.36 6.24 -60.63	144.40 6.55 -63.43	144.52 8.20 -44.14	110.76 8.20 -2.62	104.89 7.48 -5.05	99.73 7.13 -5.66	96.41 6.92 -3.00	90.78 6.53 -4.64	93.52 7.55 -0.16	126.40 7.48 -30.88	122.39 8.49 -11.53	126.27 7.82 -25.37	117.10 6.67 -31.92	98.83 6.13 -19.78	101.22 6.21 -21.94	79.47 6.09 0.00	79.32 5.39 0.00

KENSICO____ 23655	115.85 3.91 -56.03	104.43 3.68 -45.82	103.10 4.02 -35.20	100.87 3.84 -36.08	105.88 4.47 -29.28	107.05 4.80 -27.17	126.38 5.61 -39.39	138.05 5.07 -60.48	137.74 5.51 -57.81	143.12 6.91 -44.03	109.84 7.30 -2.60	103.22 6.74 -4.12	98.76 6.17 -5.65	95.62 6.14 -2.99	90.13 5.89 -4.63	92.58 6.61 -0.16	102.36 6.69 -7.63	114.81 7.78 -4.66	106.34 6.98 -6.28	99.25 5.89 -14.86	94.66 5.47 -16.27	87.68 5.48 -9.12	78.74 5.36 0.00	78.88 4.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	114.12 4.81 -53.41	103.00 4.40 -43.67	102.47 5.05 -33.55	100.16 4.82 -34.39	105.52 5.48 -27.90	107.05 6.08 -25.90	125.91 7.00 -37.54	136.37 6.23 -57.64	136.22 6.70 -55.09	142.24 8.11 -41.96	110.71 8.30 -2.47	103.77 7.48 -3.93	99.19 6.87 -5.38	96.17 6.83 -2.85	90.63 6.61 -4.41	93.77 7.81 -0.16	103.41 8.10 -7.27	116.44 9.62 -4.44	107.53 8.47 -5.98	100.04 7.38 -14.16	95.21 6.78 -15.50	88.27 6.50 -8.70	79.62 6.24 0.00	79.76 5.84 0.00
KIAC_JFK_GT1 23816	116.19 4.14 -56.15	104.91 4.07 -45.91	103.49 4.34 -35.27	101.19 4.08 -36.15	106.16 4.69 -29.34	107.48 5.18 -27.23	126.54 5.70 -39.47	138.25 5.15 -60.61	137.86 5.51 -57.93	143.21 6.91 -44.12	109.64 7.10 -2.60	103.14 6.65 -4.13	98.77 6.17 -5.66	95.63 6.14 -2.99	90.22 5.97 -4.64	92.58 6.61 -0.16	102.46 6.78 -7.65	114.82 7.78 -4.67	106.45 7.07 -6.29	99.44 6.04 -14.89	94.77 5.54 -16.30	87.92 5.70 -9.14	78.81 5.43 0.00	78.88 4.95 0.00
KIAC_JFK_GT2 23817	116.19 4.14 -56.15	104.91 4.07 -45.91	103.49 4.34 -35.27	101.19 4.08 -36.15	106.16 4.69 -29.34	107.48 5.18 -27.23	126.54 5.70 -39.47	138.25 5.15 -60.61	137.86 5.51 -57.93	143.21 6.91 -44.12	109.64 7.10 -2.60	103.14 6.65 -4.13	98.77 6.17 -5.66	95.63 6.14 -2.99	90.22 5.97 -4.64	92.58 6.61 -0.16	102.46 6.78 -7.65	114.82 7.78 -4.67	106.45 7.07 -6.29	99.44 6.04 -14.89	94.77 5.54 -16.30	87.92 5.70 -9.14	78.81 5.43 0.00	78.88 4.95 0.00
KIAC_JFK____ 323774	116.19 4.14 -56.15	104.97 4.12 -45.91	103.49 4.35 -35.27	101.13 4.02 -36.15	106.16 4.69 -29.34	107.48 5.18 -27.23	126.38 5.54 -39.47	138.25 5.15 -60.61	137.78 5.43 -57.93	143.21 6.92 -44.12	109.54 6.99 -2.60	103.04 6.56 -4.13	98.68 6.08 -5.66	95.54 6.05 -2.99	90.14 5.89 -4.64	92.58 6.61 -0.16	102.37 6.69 -7.65	114.51 7.47 -4.67	106.36 6.98 -6.29	99.44 6.05 -14.89	94.77 5.54 -16.30	87.84 5.63 -9.14	79.03 5.65 0.00	78.88 4.95 0.00
KINTIGH____ 23543	59.66 -4.08 -7.83	57.17 -4.18 -6.40	64.14 -4.66 -4.92	61.30 -4.69 -5.04	70.53 -5.70 -4.09	73.09 -5.78 -3.80	79.72 -7.16 -5.51	74.94 -7.18 -9.63	75.51 -8.11 -9.20	89.41 -9.77 -7.01	89.76 -10.59 -0.41	82.67 -10.34 -0.65	78.53 -9.30 -0.90	77.71 -9.25 -0.47	72.30 -8.04 -0.73	76.99 -8.84 -0.02	79.48 -9.77 -1.21	91.34 -11.77 -0.74	83.74 -10.33 -1.00	72.23 -8.64 -2.36	67.86 -7.66 -2.59	67.10 -7.38 -1.41	66.56 -6.82 0.00	67.64 -6.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	56.57 0.67 0.00	55.98 1.04 0.00	65.29 1.41 0.00	62.60 1.65 0.00	74.08 1.95 0.00	76.73 1.65 0.00	82.75 1.38 0.00	73.65 1.16 0.00	75.47 1.04 0.00	92.36 0.18 0.00	100.35 0.40 0.00	92.73 0.37 0.00	87.11 0.17 0.00	86.67 0.17 0.00	79.29 -0.32 0.00	85.29 -0.51 0.00	88.21 0.18 0.00	102.78 0.41 0.00	93.64 0.56 0.00	78.82 0.31 0.00	73.29 0.36 0.00	73.29 0.22 0.00	73.75 0.37 0.00	75.40 1.48 0.00
LACHUTE____HYDRO 323717	131.50 3.58 -72.02	118.49 4.67 -58.89	114.54 5.43 -45.24	112.14 4.81 -46.37	115.89 6.13 -37.63	116.45 6.46 -34.92	139.24 7.24 -50.63	156.54 6.24 -77.81	156.40 7.60 -74.37	158.40 9.59 -56.65	113.38 10.09 -3.34	106.61 8.96 -5.30	101.86 7.65 -7.26	97.95 7.61 -3.84	92.65 7.08 -5.96	94.08 8.06 -0.21	106.39 8.54 -9.82	118.92 10.55 -6.00	110.66 9.50 -8.08	105.23 7.61 -19.12	101.08 7.22 -20.93	91.53 6.72 -11.74	79.69 6.31 0.00	79.84 5.92 0.00
LAWRNCALV_115KV_TB1 80681	55.12 -0.78 0.00	54.44 -0.49 0.00	63.37 -0.51 0.00	60.65 -0.30 0.00	71.77 -0.36 0.00	74.17 -0.90 0.00	80.48 -0.90 0.00	71.69 -0.80 0.00	73.46 -0.97 0.00	90.70 -1.47 0.00	98.35 -1.60 0.00	90.97 -1.39 0.00	85.38 -1.56 0.00	85.02 -1.47 0.00	77.94 -1.67 0.00	83.57 -2.23 0.00	86.19 -1.85 0.00	100.32 -2.05 0.00	91.31 -1.77 0.00	76.86 -1.65 0.00	71.47 -1.46 0.00	71.54 -1.53 0.00	71.84 -1.54 0.00	72.96 -0.96 0.00
LEDERLE____ 23769	113.38 3.52 -53.96	102.30 3.24 -44.12	101.35 3.58 -33.89	99.11 3.41 -34.74	104.22 3.90 -28.19	105.52 4.28 -26.16	124.35 5.05 -37.93	135.30 4.57 -58.24	135.07 4.99 -55.66	140.84 6.27 -42.39	108.94 6.50 -2.50	102.33 6.00 -3.97	97.94 5.56 -5.44	94.91 5.54 -2.88	89.32 5.25 -4.46	91.97 6.01 -0.16	101.46 6.07 -7.35	113.92 7.06 -4.49	105.36 6.24 -6.05	98.23 5.42 -14.31	93.55 4.96 -15.66	86.83 4.97 -8.79	78.15 4.77 0.00	78.36 4.44 0.00
LIGHTHSE_115KV_TB6 355974	58.85 -1.06 -4.01	57.06 -1.15 -3.28	65.19 -1.21 -2.52	62.32 -1.22 -2.58	72.79 -1.44 -2.10	75.52 -1.50 -1.94	82.48 -1.71 -2.82	75.52 -1.30 -4.33	76.93 -1.64 -4.14	93.58 -1.75 -3.15	98.13 -2.00 -0.19	90.71 -1.94 -0.30	85.52 -1.83 -0.40	84.80 -1.90 -0.21	78.51 -1.43 -0.33	84.27 -1.54 -0.01	86.91 -1.67 -0.55	100.66 -2.05 -0.33	91.67 -1.86 -0.45	77.92 -1.65 -1.06	72.49 -1.60 -1.17	72.27 -1.46 -0.65	71.91 -1.47 0.00	72.37 -1.55 0.00
LINDEN COGEN____ 23786	64.96 4.03 -5.02	65.01 3.79 -6.29	64.93 4.03 2.97	65.02 3.84 -0.22	64.85 4.40 11.69	64.89 4.88 15.06	64.75 5.61 22.23	70.86 5.07 6.70	69.81 5.51 10.12	74.14 7.10 25.13	69.12 7.29 38.12	65.70 6.74 33.39	64.70 6.34 28.58	64.71 6.23 28.02	69.77 6.05 15.89	68.69 6.87 23.99	65.59 6.78 29.23	73.92 7.47 35.92	69.54 7.07 30.61	64.70 6.05 19.85	64.77 5.54 13.70	64.84 5.63 13.86	64.68 5.57 14.27	64.76 5.03 14.19
LINDHRST_69_KV_BK1 356055	118.11 6.04 -56.17	106.35 5.49 -45.92	104.78 5.62 -35.27	102.48 5.36 -36.16	108.04 6.56 -29.34	109.66 7.36 -27.23	129.65 8.79 -39.49	140.88 7.76 -60.63	144.10 8.19 -61.49	146.27 9.95 -44.14	113.65 11.09 -2.61	107.45 10.34 -4.75	101.90 9.30 -5.66	98.83 9.34 -3.00	93.01 8.76 -4.64	96.27 10.30 -0.16	121.78 10.39 -23.35	123.76 12.08 -9.31	123.16 10.89 -19.19	114.09 9.19 -26.40	100.11 8.53 -18.65	99.49 8.62 -17.79	81.89 8.51 0.00	81.39 7.47 0.00
LIPA_MISC_IPP 23656	118.44 6.37 -56.17	106.51 5.66 -45.92	104.97 5.81 -35.27	102.66 5.55 -36.16	108.33 6.85 -29.34	109.96 7.66 -27.23	130.05 9.19 -39.49	141.31 8.19 -60.63	144.17 8.63 -61.11	146.82 10.51 -44.14	114.55 11.99 -2.61	108.13 11.08 -4.69	102.42 9.82 -5.66	99.35 9.86 -3.00	93.49 9.23 -4.64	96.95 10.98 -0.16	121.30 11.36 -21.90	124.47 13.21 -8.89	123.00 11.91 -18.01	113.88 10.05 -25.33	100.69 9.33 -18.43	99.42 9.35 -16.99	82.41 9.03 0.00	81.83 7.91 0.00
LISF____SOLAR 323691	118.55 6.48 -56.17	106.68 5.82 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.19 6.71 -29.34	109.89 7.58 -27.23	130.13 9.27 -39.49	141.45 8.33 -60.63	144.31 8.78 -61.11	147.00 10.69 -44.14	114.74 12.19 -2.61	108.13 11.08 -4.69	102.94 10.34 -5.66	99.52 10.03 -3.00	93.72 9.47 -4.64	97.21 11.24 -0.16	121.49 11.53 -21.92	124.67 13.41 -8.90	123.29 12.19 -18.02	114.13 10.28 -25.34	100.83 9.48 -18.43	99.57 9.50 -17.00	82.40 9.02 0.00	81.98 8.06 0.00

LITTLE FALLS___HYD 24013	57.75 1.84 0.00	56.75 1.81 0.00	66.12 2.24 0.00	63.09 2.13 0.00	74.73 2.60 0.00	77.85 2.78 0.00	84.55 3.17 0.00	75.39 2.90 0.00	77.33 2.90 0.00	95.86 3.69 0.00	103.84 3.90 0.00	95.96 3.60 0.00	90.24 3.30 0.00	89.69 3.20 0.00	82.64 3.03 0.00	89.07 3.26 0.00	91.47 3.43 0.00	106.36 3.99 0.00	96.62 3.54 0.00	81.49 2.98 0.00	75.70 2.77 0.00	75.85 2.78 0.00	76.24 2.86 0.00	76.81 2.88 0.00
LITTLRIV_115KV_TB1 356100	55.85 -0.06 0.00	55.16 0.22 0.00	64.20 0.32 0.00	61.44 0.49 0.00	72.71 0.58 0.00	75.15 0.08 0.00	81.70 0.33 0.00	72.85 0.36 0.00	74.57 0.15 0.00	91.99 -0.18 0.00	99.65 -0.30 0.00	92.17 -0.18 0.00	86.51 -0.43 0.00	86.06 -0.43 0.00	79.05 -0.56 0.00	84.78 -1.03 0.00	87.51 -0.53 0.00	101.96 -0.41 0.00	92.71 -0.37 0.00	78.03 -0.47 0.00	72.49 -0.44 0.00	72.56 -0.51 0.00	72.87 -0.51 0.00	73.92 0.00 0.00
LI_NEWBRDGE___DRP 323616	116.88 4.81 -56.17	105.20 4.34 -45.92	103.56 4.41 -35.27	101.32 4.21 -36.16	106.60 5.12 -29.34	108.09 5.78 -27.23	127.85 7.00 -39.49	139.21 6.09 -60.63	141.79 6.48 -60.89	144.14 7.83 -44.14	111.25 8.70 -2.61	105.14 8.13 -4.66	99.99 7.39 -5.66	96.93 7.44 -3.00	91.18 6.93 -4.64	94.12 8.15 -0.16	117.20 8.10 -21.07	120.22 9.21 -8.64	118.68 8.28 -17.31	110.29 7.07 -24.72	97.87 6.64 -18.30	96.32 6.72 -16.53	80.06 6.68 0.00	79.69 5.77 0.00
LOCKPORT_115KV_TB60_63_64 80432	58.96 -5.48 -8.54	56.31 -5.60 -6.98	62.98 -6.26 -5.36	60.17 -6.28 -5.50	69.02 -7.57 -4.46	71.56 -7.66 -4.14	77.93 -9.44 -6.00	70.73 -9.35 -7.59	71.33 -10.35 -7.25	85.07 -12.63 -5.53	86.58 -13.69 -0.33	79.58 -13.30 -0.52	75.65 -12.00 -0.71	75.11 -11.76 -0.38	69.77 -10.43 -0.59	74.85 -10.98 -0.02	76.58 -12.41 -0.96	88.12 -14.84 -0.59	80.84 -13.03 -0.79	69.70 -10.68 -1.87	65.42 -9.55 -2.04	64.85 -9.43 -1.21	65.60 -7.78 0.00	66.98 -6.95 0.00
LOCKPORT___CC1 323769	59.25 -5.26 -8.61	56.59 -5.38 -7.04	63.09 -6.20 -5.41	60.28 -6.22 -5.54	69.42 -7.21 -4.50	71.67 -7.58 -4.17	78.07 -9.35 -6.05	70.72 -9.35 -7.58	71.47 -10.19 -7.24	85.16 -12.53 -5.52	86.89 -13.39 -0.33	79.86 -13.02 -0.52	75.74 -11.91 -0.71	75.37 -11.50 -0.38	69.85 -10.35 -0.58	75.02 -10.81 -0.03	76.94 -12.06 -0.96	89.55 -13.41 -0.59	81.03 -12.85 -0.79	69.54 -10.83 -1.86	65.27 -9.70 -2.04	65.00 -9.28 -1.21	65.23 -8.15 0.00	66.83 -7.10 0.00
LOCKPORT___CC2 323770	59.25 -5.26 -8.61	56.59 -5.38 -7.04	63.09 -6.20 -5.41	60.28 -6.22 -5.54	69.42 -7.21 -4.50	71.67 -7.58 -4.17	78.07 -9.35 -6.05	70.72 -9.35 -7.58	71.47 -10.19 -7.24	85.16 -12.53 -5.52	86.89 -13.39 -0.33	79.86 -13.02 -0.52	75.74 -11.91 -0.71	75.37 -11.50 -0.38	69.85 -10.35 -0.58	75.02 -10.81 -0.03	76.94 -12.06 -0.96	89.55 -13.41 -0.59	81.03 -12.85 -0.79	69.54 -10.83 -1.86	65.27 -9.70 -2.04	65.00 -9.28 -1.21	65.23 -8.15 0.00	66.83 -7.10 0.00
LOCKPORT___CC3 323771	59.25 -5.26 -8.61	56.59 -5.38 -7.04	63.09 -6.20 -5.41	60.28 -6.22 -5.54	69.42 -7.21 -4.50	71.67 -7.58 -4.17	78.07 -9.35 -6.05	70.72 -9.35 -7.58	71.47 -10.19 -7.24	85.16 -12.53 -5.52	86.89 -13.39 -0.33	79.86 -13.02 -0.52	75.74 -11.91 -0.71	75.37 -11.50 -0.38	69.85 -10.35 -0.58	75.02 -10.81 -0.03	76.94 -12.06 -0.96	89.55 -13.41 -0.59	81.03 -12.85 -0.79	69.54 -10.83 -1.86	65.27 -9.70 -2.04	65.00 -9.28 -1.21	65.23 -8.15 0.00	66.83 -7.10 0.00
LONG_LAKE_PHOENIX 24014	59.01 -1.40 -4.50	57.08 -1.54 -3.68	64.98 -1.72 -2.83	62.15 -1.71 -2.90	72.40 -2.09 -2.35	75.23 -2.03 -2.18	82.18 -2.36 -3.17	75.33 -2.03 -4.87	76.84 -2.23 -4.65	93.04 -2.67 -3.54	97.26 -2.90 -0.21	90.01 -2.68 -0.33	84.87 -2.52 -0.45	84.23 -2.51 -0.24	77.75 -2.23 -0.37	83.50 -2.32 -0.01	86.19 -2.47 -0.61	99.98 -2.76 -0.38	91.07 -2.51 -0.51	77.58 -2.12 -1.20	72.27 -1.97 -1.31	71.76 -2.05 -0.73	71.32 -2.05 0.00	71.78 -2.14 0.00
LOVETT___3 23632	113.24 3.19 -54.15	102.18 2.97 -44.28	101.09 3.19 -34.01	98.93 3.11 -34.87	103.96 3.53 -28.29	105.24 3.90 -26.26	124.00 4.56 -38.07	135.07 4.13 -58.45	134.83 4.54 -55.87	140.34 5.62 -42.55	108.35 5.90 -2.51	101.79 5.45 -3.98	97.44 5.04 -5.46	94.40 5.02 -2.89	88.94 4.86 -4.48	91.45 5.49 -0.16	100.96 5.55 -7.37	113.22 6.35 -4.51	104.83 5.68 -6.07	97.81 4.95 -14.36	93.17 4.52 -15.72	86.42 4.53 -8.82	77.71 4.33 0.00	77.92 3.99 0.00
LOVETT___4 23642	113.24 3.19 -54.15	102.18 2.97 -44.28	101.09 3.19 -34.01	98.93 3.11 -34.87	103.96 3.53 -28.29	105.24 3.90 -26.26	124.00 4.56 -38.07	135.07 4.13 -58.45	134.83 4.54 -55.87	140.34 5.62 -42.55	108.35 5.90 -2.51	101.79 5.45 -3.98	97.44 5.04 -5.46	94.40 5.02 -2.89	88.94 4.86 -4.48	91.45 5.49 -0.16	100.96 5.55 -7.37	113.22 6.35 -4.51	104.83 5.68 -6.07	97.81 4.95 -14.36	93.17 4.52 -15.72	86.42 4.53 -8.82	77.71 4.33 0.00	77.92 3.99 0.00
LOVETT___5 23593	113.24 3.19 -54.15	102.18 2.97 -44.28	101.09 3.19 -34.01	98.93 3.11 -34.87	103.96 3.53 -28.29	105.24 3.90 -26.26	124.00 4.56 -38.07	135.07 4.13 -58.45	134.83 4.54 -55.87	140.34 5.62 -42.55	108.35 5.90 -2.51	101.79 5.45 -3.98	97.44 5.04 -5.46	94.40 5.02 -2.89	88.94 4.86 -4.48	91.45 5.49 -0.16	100.96 5.55 -7.37	113.22 6.35 -4.51	104.83 5.68 -6.07	97.81 4.95 -14.36	93.17 4.52 -15.72	86.42 4.53 -8.82	77.71 4.33 0.00	77.92 3.99 0.00
LOWER RAQUET___HYD 24057	54.95 -0.95 0.00	54.28 -0.66 0.00	63.18 -0.70 0.00	60.53 -0.42 0.00	71.41 -0.72 0.00	73.95 -1.12 0.00	80.23 -1.14 0.00	71.55 -0.94 0.00	73.31 -1.11 0.00	90.42 -1.75 0.00	98.04 -1.90 0.00	90.70 -1.66 0.00	85.11 -1.83 0.00	84.76 -1.73 0.00	77.70 -1.91 0.00	83.31 -2.49 0.00	85.92 -2.11 0.00	99.81 -2.56 0.00	90.94 -2.14 0.00	76.62 -1.88 0.00	71.18 -1.75 0.00	71.17 -1.90 0.00	71.62 -1.76 0.00	72.74 -1.19 0.00
LOWER___HUDSON 24059	129.47 2.91 -70.66	115.62 2.91 -57.78	111.71 3.45 -44.38	109.68 3.23 -45.50	112.95 3.89 -36.92	113.47 4.13 -34.26	135.35 4.31 -49.67	152.61 3.77 -76.35	151.41 4.02 -72.97	152.73 4.97 -55.58	108.62 5.39 -3.28	102.45 4.89 -5.20	98.58 4.52 -7.13	94.76 4.49 -3.77	89.75 4.30 -5.85	90.64 4.63 -0.21	102.42 4.75 -9.63	113.88 5.63 -5.89	106.03 5.02 -7.93	101.50 4.24 -18.75	97.40 3.94 -20.53	88.53 3.94 -11.51	77.34 3.96 0.00	77.77 3.84 0.00
LOWVILLE_115KV_TB2 356335	57.85 0.00 -1.95	56.59 0.05 -1.59	65.49 0.38 -1.22	63.00 0.79 -1.26	74.16 1.01 -1.02	77.00 0.98 -0.95	84.21 1.46 -1.37	76.27 1.67 -2.11	77.78 1.34 -2.01	95.27 1.57 -1.53	101.14 1.10 -0.09	93.61 1.11 -0.14	88.01 0.87 -0.20	87.46 0.86 -0.10	80.89 1.11 -0.16	87.01 1.20 -0.01	89.71 1.41 -0.27	104.37 1.84 -0.16	94.79 1.49 -0.22	80.12 1.10 -0.52	74.44 0.95 -0.57	74.27 0.88 -0.32	74.19 0.81 0.00	74.66 0.74 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	130.77 2.96 -71.90	116.97 3.24 -58.79	112.87 3.83 -45.16	110.72 3.47 -46.29	113.96 4.26 -37.57	114.44 4.50 -34.86	136.80 4.88 -50.54	154.38 4.20 -77.69	153.44 4.76 -74.25	154.63 5.90 -56.55	109.58 6.30 -3.33	103.28 5.63 -5.29	99.32 5.13 -7.25	95.35 5.02 -3.84	90.34 4.78 -5.95	91.33 5.32 -0.21	103.38 5.55 -9.80	114.91 6.55 -5.99	107.10 5.96 -8.06	102.53 4.95 -19.08	98.49 4.67 -20.89	89.32 4.53 -11.72	77.86 4.48 0.00	78.14 4.21 0.00

LUTHERNY_35_KV_BK2 355980	130.77 2.96 -71.90	117.02 3.30 -58.79	112.87 3.83 -45.16	110.78 3.54 -46.29	114.03 4.33 -37.57	114.52 4.58 -34.86	136.80 4.88 -50.54	154.38 4.20 -77.69	153.52 4.84 -74.25	154.72 5.99 -56.55	109.58 6.30 -3.33	103.38 5.73 -5.29	99.41 5.22 -7.25	95.43 5.10 -3.84	90.42 4.86 -5.95	91.42 5.41 -0.21	103.38 5.55 -9.80	115.01 6.65 -5.99	107.19 6.05 -8.06	102.61 5.02 -19.08	98.56 4.74 -20.89	89.39 4.60 -11.72	77.93 4.55 0.00	78.21 4.29 0.00
LWR___OSWEGATCHIE_HYD 23850	56.46 -0.89 -1.45	55.35 -0.77 -1.18	64.09 -0.70 -0.91	61.46 -0.43 -0.93	72.46 -0.43 -0.76	74.95 -0.83 -0.70	81.82 -0.57 -1.02	73.77 -0.29 -1.57	75.33 -0.60 -1.50	92.39 -0.92 -1.14	98.61 -1.40 -0.07	91.35 -1.11 -0.11	85.78 -1.30 -0.15	85.27 -1.30 -0.08	78.62 -1.11 -0.12	84.26 -1.54 0.00	86.74 -1.50 -0.20	100.95 -1.54 -0.12	91.75 -1.49 -0.16	77.56 -1.33 -0.38	72.04 -1.31 -0.42	71.92 -1.39 -0.24	71.91 -1.47 0.00	72.74 -1.18 0.00
LYONS_FALL_HYD 23570	58.29 0.56 -1.83	56.98 0.55 -1.49	65.92 0.89 -1.15	63.23 1.10 -1.18	74.39 1.30 -0.95	77.31 1.35 -0.89	84.53 1.87 -1.28	76.42 1.96 -1.97	78.03 1.71 -1.89	95.73 2.12 -1.44	101.83 1.80 -0.08	94.24 1.75 -0.13	88.60 1.48 -0.18	88.06 1.47 -0.10	81.44 1.67 -0.15	87.62 1.80 -0.01	90.22 1.93 -0.25	105.08 2.56 -0.15	95.33 2.05 -0.20	80.56 1.57 -0.49	74.84 1.38 -0.53	74.69 1.32 -0.30	74.70 1.32 0.00	75.18 1.26 0.00
MADISON___COUNTY_LFGE 323628	60.59 1.45 -3.23	58.84 1.26 -2.64	67.57 1.66 -2.03	64.56 1.52 -2.08	75.70 1.88 -1.69	78.67 2.03 -1.57	86.17 2.52 -2.27	78.45 2.46 -3.49	80.07 2.31 -3.34	97.66 2.95 -2.54	102.89 2.80 -0.15	95.27 2.68 -0.24	89.70 2.43 -0.33	89.09 2.42 -0.17	82.35 2.47 -0.27	88.47 2.66 -0.01	91.21 2.73 -0.44	105.91 3.28 -0.27	96.23 2.79 -0.36	81.64 2.28 -0.86	75.91 2.04 -0.94	75.57 1.97 -0.53	75.43 2.05 0.00	75.92 2.00 0.00
MALONE___115KV_TB1 356076	56.35 0.45 0.00	55.76 0.82 0.00	65.03 1.15 0.00	62.30 1.34 0.00	73.72 1.59 0.00	76.28 1.20 0.00	82.59 1.22 0.00	73.58 1.09 0.00	75.32 0.89 0.00	92.73 0.55 0.00	100.65 0.70 0.00	93.10 0.74 0.00	87.37 0.43 0.00	87.01 0.52 0.00	79.53 -0.08 0.00	85.55 -0.26 0.00	88.48 0.44 0.00	102.98 0.61 0.00	93.92 0.84 0.00	79.06 0.55 0.00	73.51 0.58 0.00	73.59 0.51 0.00	73.67 0.29 0.00	74.89 0.96 0.00
MAPLEWOD_115KV_TB3 80458	128.99 2.80 -70.29	115.16 2.75 -57.47	111.23 3.19 -44.15	109.20 2.99 -45.26	112.47 3.61 -36.73	112.99 3.83 -34.08	134.69 3.91 -49.41	151.78 3.33 -75.95	150.66 3.65 -72.59	152.07 4.61 -55.29	108.10 4.90 -3.26	102.06 4.53 -5.18	98.38 4.35 -7.09	94.66 4.41 -3.75	89.57 4.14 -5.82	90.30 4.29 -0.20	101.93 4.31 -9.58	113.24 5.02 -5.86	105.52 4.56 -7.88	101.01 3.85 -18.66	97.00 3.65 -20.42	88.18 3.65 -11.45	77.05 3.67 0.00	77.55 3.62 0.00
MAPLE_RIDGE_WT_1 323574	54.84 -1.06 0.00	53.95 -0.99 0.00	62.79 -1.09 0.00	60.10 -0.85 0.00	71.27 -0.86 0.00	74.25 -0.82 0.00	80.64 -0.73 0.00	71.99 -0.50 0.00	74.13 -0.30 0.00	91.90 -0.28 0.00	99.75 -0.20 0.00	92.17 -0.18 0.00	86.77 -0.17 0.00	86.32 -0.17 0.00	79.45 -0.16 0.00	85.55 -0.26 0.00	87.86 -0.18 0.00	102.06 -0.31 0.00	92.80 -0.28 0.00	78.27 -0.23 0.00	72.71 -0.22 0.00	72.85 -0.22 0.00	73.16 -0.22 0.00	73.85 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	54.84 -1.06 0.00	53.95 -0.99 0.00	62.79 -1.09 0.00	60.10 -0.85 0.00	71.27 -0.86 0.00	74.25 -0.82 0.00	80.64 -0.73 0.00	71.99 -0.50 0.00	74.13 -0.30 0.00	91.90 -0.28 0.00	99.75 -0.20 0.00	92.17 -0.18 0.00	86.77 -0.17 0.00	86.32 -0.17 0.00	79.45 -0.16 0.00	85.55 -0.26 0.00	87.86 -0.18 0.00	102.06 -0.31 0.00	92.80 -0.28 0.00	78.27 -0.23 0.00	72.71 -0.22 0.00	72.85 -0.22 0.00	73.16 -0.22 0.00	73.85 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	55.68 -0.22 0.00	54.99 0.05 0.00	64.20 0.32 0.00	61.44 0.49 0.00	72.64 0.51 0.00	75.53 0.45 0.00	81.53 0.16 0.00	72.56 0.07 0.00	74.50 0.07 0.00	91.53 -0.64 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.74 -0.87 0.00	84.69 -1.12 0.00	87.24 -0.79 0.00	101.45 -0.92 0.00	92.52 -0.56 0.00	77.96 -0.55 0.00	72.42 -0.51 0.00	72.41 -0.66 0.00	72.87 -0.51 0.00	74.22 0.30 0.00
MARSHVLE_115KV_TB1 80742	139.95 3.41 -80.64	124.22 3.35 -65.93	118.49 3.96 -50.65	116.41 3.54 -51.92	118.74 4.47 -42.13	118.98 4.80 -39.10	143.75 5.70 -56.69	164.41 4.86 -87.06	162.99 5.36 -83.21	161.63 6.08 -63.38	109.58 5.90 -3.74	102.91 4.62 -5.93	98.89 3.83 -8.13	94.95 4.15 -4.30	90.10 3.82 -6.67	91.27 5.23 -0.23	105.18 6.16 -10.98	116.96 7.88 -6.71	109.28 7.17 -9.04	105.78 5.89 -21.39	101.88 5.54 -23.41	91.32 5.12 -13.13	78.22 4.84 0.00	78.36 4.44 0.00
MARSH_HILL_WT_PWR 323713	64.64 -3.07 -11.81	61.46 -3.13 -9.66	67.91 -3.39 -7.42	65.27 -3.29 -7.60	74.70 -3.60 -6.17	77.35 -3.45 -5.73	85.93 -3.74 -8.30	80.50 -3.69 -11.71	81.30 -4.32 -11.19	95.45 -5.25 -8.52	94.86 -5.59 -0.51	87.43 -5.73 -0.80	82.91 -5.13 -1.10	82.23 -4.84 -0.58	76.29 -4.22 -0.90	82.24 -3.60 -0.03	85.12 -4.40 -1.48	99.69 -3.59 -0.91	89.92 -4.37 -1.22	77.77 -3.61 -2.88	72.72 -3.35 -3.15	71.52 -3.36 -1.80	71.33 -2.05 0.00	72.52 -1.41 0.00
MCINTYRE_115KV_TB2 80467	56.41 0.50 0.00	55.71 0.77 0.00	64.84 0.96 0.00	61.99 1.04 0.00	73.29 1.15 0.00	75.83 0.75 0.00	82.43 1.06 0.00	73.58 1.09 0.00	75.24 0.82 0.00	92.82 0.65 0.00	100.45 0.50 0.00	92.91 0.55 0.00	87.11 0.17 0.00	86.75 0.26 0.00	79.69 0.08 0.00	85.55 -0.26 0.00	88.39 0.35 0.00	102.88 0.51 0.00	93.55 0.47 0.00	78.74 0.24 0.00	73.22 0.29 0.00	73.29 0.22 0.00	73.53 0.15 0.00	74.52 0.59 0.00
MECO_____69_KV_BK1 80468	138.11 4.58 -77.62	122.91 4.50 -63.47	117.94 5.30 -48.76	115.63 4.69 -49.98	118.61 5.92 -40.55	119.02 6.31 -37.64	143.18 7.24 -54.56	162.46 6.16 -83.81	161.38 6.85 -80.10	161.11 7.93 -61.01	111.54 8.00 -3.60	104.72 6.65 -5.71	100.59 5.82 -7.82	96.52 5.88 -4.14	91.60 5.57 -6.42	92.98 6.95 -0.23	106.44 7.84 -10.57	118.56 9.73 -6.46	110.72 8.94 -8.70	106.47 7.38 -20.59	102.47 7.00 -22.54	92.29 6.58 -12.64	79.69 6.31 0.00	79.76 5.84 0.00
MENANDS___115KV_TB5 355628	128.74 2.68 -70.15	114.94 2.64 -57.36	111.01 3.07 -44.07	109.05 2.93 -45.17	112.25 3.46 -36.65	112.70 3.60 -34.02	134.35 3.66 -49.32	151.48 3.19 -75.80	150.30 3.42 -72.45	151.69 4.33 -55.18	107.90 4.70 -3.25	101.77 4.25 -5.17	98.19 4.17 -7.07	94.39 4.15 -3.75	89.40 3.98 -5.81	90.04 4.03 -0.20	101.56 3.96 -9.56	112.82 4.61 -5.84	105.14 4.19 -7.87	100.66 3.53 -18.62	96.67 3.35 -20.38	87.87 3.36 -11.43	76.83 3.45 0.00	77.40 3.47 0.00
MG INDUSTRY___DRP 24185	126.96 2.35 -68.71	113.37 2.25 -56.18	109.72 2.68 -43.16	107.69 2.50 -44.24	111.06 3.03 -35.90	111.47 3.08 -33.32	132.85 3.17 -48.30	149.34 2.61 -74.24	148.29 2.90 -70.96	149.81 3.59 -54.04	106.93 3.80 -3.19	100.92 3.51 -5.06	97.26 3.39 -6.93	93.53 3.37 -3.67	88.48 3.18 -5.69	89.27 3.26 -0.20	100.66 3.26 -9.36	111.88 3.79 -5.72	104.32 3.54 -7.71	99.73 2.98 -18.24	95.74 2.84 -19.96	87.12 2.85 -11.20	76.39 3.01 0.00	76.95 3.03 0.00

MID___OSWEGATCHIE_HYD 23849	56.46 -0.89 -1.45	55.35 -0.77 -1.18	64.09 -0.70 -0.91	61.46 -0.43 -0.93	72.46 -0.43 -0.76	74.95 -0.83 -0.70	81.82 -0.57 -1.02	73.77 -0.29 -1.57	75.33 -0.60 -1.50	92.39 -0.92 -1.14	98.61 -1.40 -0.07	91.35 -1.11 -0.11	85.78 -1.30 -0.15	85.27 -1.30 -0.08	78.62 -1.11 -0.12	84.26 -1.54 0.00	86.74 -1.50 -0.20	100.95 -1.54 -0.12	91.75 -1.49 -0.16	77.56 -1.33 -0.38	72.04 -1.31 -0.42	71.92 -1.39 -0.24	71.91 -1.47 0.00	72.74 -1.18 0.00
MID___RAQUETTE_HYD 23851	55.01 -0.89 0.00	54.33 -0.60 0.00	63.24 -0.64 0.00	60.53 -0.43 0.00	71.63 -0.50 0.00	73.95 -1.13 0.00	80.23 -1.14 0.00	71.55 -0.94 0.00	73.31 -1.12 0.00	90.42 -1.75 0.00	98.05 -1.90 0.00	90.69 -1.66 0.00	85.11 -1.83 0.00	84.76 -1.73 0.00	77.70 -1.91 0.00	83.32 -2.49 0.00	85.92 -2.11 0.00	100.02 -2.35 0.00	90.94 -2.14 0.00	76.62 -1.88 0.00	71.18 -1.75 0.00	71.32 -1.75 0.00	71.62 -1.76 0.00	72.74 -1.18 0.00
MILLIKEN___1 23584	67.54 0.39 -11.24	64.29 0.16 -9.19	71.26 0.32 -7.06	68.38 0.18 -7.24	78.23 0.22 -5.87	80.90 0.38 -5.45	89.93 0.65 -7.90	85.17 0.65 -12.03	86.30 0.37 -11.50	101.39 0.46 -8.76	100.86 0.40 -0.52	93.55 0.37 -0.82	88.41 0.35 -1.12	87.35 0.26 -0.59	80.93 0.40 -0.92	86.52 0.69 -0.03	90.26 0.70 -1.52	104.42 1.13 -0.93	95.35 1.02 -1.25	82.25 0.79 -2.96	76.82 0.66 -3.24	75.48 0.58 -1.82	74.11 0.73 0.00	74.66 0.74 0.00
MILLIKEN___2 23585	67.54 0.39 -11.24	64.29 0.16 -9.19	71.26 0.32 -7.06	68.38 0.18 -7.24	78.23 0.22 -5.87	80.90 0.38 -5.45	89.93 0.65 -7.90	85.17 0.65 -12.03	86.30 0.37 -11.50	101.39 0.46 -8.76	100.86 0.40 -0.52	93.55 0.37 -0.82	88.41 0.35 -1.12	87.35 0.26 -0.59	80.93 0.40 -0.92	86.52 0.69 -0.03	90.26 0.70 -1.52	104.42 1.13 -0.93	95.35 1.02 -1.25	82.25 0.79 -2.96	76.82 0.66 -3.24	75.48 0.58 -1.82	74.11 0.73 0.00	74.66 0.74 0.00
MILLIKEN___DIESEL 23629	67.54 0.39 -11.24	64.29 0.16 -9.19	71.26 0.32 -7.06	68.38 0.18 -7.24	78.23 0.22 -5.87	80.90 0.38 -5.45	89.93 0.65 -7.90	85.17 0.65 -12.03	86.30 0.37 -11.50	101.39 0.46 -8.76	100.86 0.40 -0.52	93.55 0.37 -0.82	88.41 0.35 -1.12	87.35 0.26 -0.59	80.93 0.40 -0.92	86.52 0.69 -0.03	90.26 0.70 -1.52	104.42 1.13 -0.93	95.35 1.02 -1.25	82.25 0.79 -2.96	76.82 0.66 -3.24	75.48 0.58 -1.82	74.11 0.73 0.00	74.66 0.74 0.00
MILLSEAT___LFGE 323607	60.32 -3.86 -8.28	57.75 -3.96 -6.77	64.42 -4.66 -5.20	61.53 -4.75 -5.33	71.05 -5.41 -4.32	73.38 -5.71 -4.01	89.93 -7.08 -5.82	85.17 -7.23 -7.62	73.75 -7.96 -7.29	88.05 -9.68 -5.55	89.78 -10.49 -0.33	82.72 -10.16 -0.52	78.44 -9.22 -0.71	78.05 -8.82 -0.38	72.31 -7.88 -0.59	77.59 -8.24 -0.02	79.76 -9.24 -0.96	92.93 -10.03 -0.59	84.10 -9.77 -0.79	72.30 -8.08 -1.88	67.69 -7.29 -2.05	67.26 -7.02 -1.20	67.22 -6.16 0.00	68.53 -5.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	115.52 3.80 -55.82	104.09 3.52 -45.64	102.77 3.83 -35.06	100.61 3.72 -35.94	105.55 4.26 -29.16	106.80 4.65 -27.07	125.98 5.37 -39.24	137.60 4.86 -60.25	137.30 5.28 -57.59	142.67 6.64 -43.86	109.53 7.00 -2.59	102.93 6.46 -4.11	98.48 5.91 -5.62	95.35 5.88 -2.98	89.88 5.65 -4.61	92.32 6.35 -0.16	102.06 6.43 -7.60	114.49 7.47 -4.65	106.04 6.70 -6.25	98.96 5.65 -14.80	94.38 5.25 -16.20	87.42 5.26 -9.09	78.52 5.14 0.00	78.66 4.73 0.00
MILLWOOD_13_KV_LOAD 356217	115.63 3.91 -55.82	104.26 3.68 -45.64	102.96 4.02 -35.06	100.73 3.84 -35.94	105.70 4.40 -29.16	106.95 4.80 -27.07	126.22 5.61 -39.24	137.82 5.07 -60.25	137.52 5.51 -57.59	142.95 6.91 -43.86	109.93 7.40 -2.59	103.20 6.74 -4.11	98.82 6.26 -5.62	95.70 6.23 -2.98	90.12 5.89 -4.61	92.66 6.69 -0.16	102.42 6.78 -7.60	114.90 7.88 -4.65	106.41 7.07 -6.25	99.27 5.97 -14.80	94.60 5.47 -16.20	87.72 5.55 -9.09	78.66 5.28 0.00	78.88 4.95 0.00
MODEL_CITY_ENERGY 24167	59.02 -5.59 -8.71	56.40 -5.66 -7.12	62.83 -6.52 -5.47	60.04 -6.52 -5.61	69.11 -7.57 -4.55	71.27 -8.03 -4.22	77.64 -9.85 -6.12	70.16 -9.86 -7.53	70.83 -10.79 -7.20	84.47 -13.18 -5.48	86.18 -14.09 -0.33	79.21 -13.67 -0.52	75.13 -12.52 -0.71	74.76 -12.11 -0.38	69.20 -10.99 -0.58	74.33 -11.50 -0.03	76.23 -12.77 -0.95	88.73 -14.23 -0.59	80.27 -13.59 -0.79	68.90 -11.46 -1.85	64.68 -10.28 -2.03	64.41 -9.87 -1.21	64.72 -8.66 0.00	66.23 -7.69 0.00
MODERN_LFGE___ 323580	59.02 -5.59 -8.71	56.40 -5.66 -7.12	62.83 -6.52 -5.47	60.04 -6.52 -5.61	69.11 -7.57 -4.55	71.27 -8.03 -4.22	77.64 -9.85 -6.12	70.16 -9.86 -7.53	70.83 -10.79 -7.20	84.47 -13.18 -5.48	86.18 -14.09 -0.33	79.21 -13.67 -0.52	75.13 -12.52 -0.71	74.76 -12.11 -0.38	69.20 -10.99 -0.58	74.33 -11.50 -0.03	76.23 -12.77 -0.95	88.73 -14.23 -0.59	80.27 -13.59 -0.79	68.90 -11.46 -1.85	64.68 -10.28 -2.03	64.41 -9.87 -1.21	64.72 -8.66 0.00	66.23 -7.69 0.00
MOHAWK_PAPER___DRP 24187	128.99 2.80 -70.29	115.16 2.75 -57.47	111.23 3.19 -44.15	109.20 2.99 -45.26	112.47 3.61 -36.73	112.99 3.83 -34.08	134.69 3.91 -49.41	151.78 3.33 -75.95	150.66 3.65 -72.59	152.07 4.61 -55.29	108.10 4.90 -3.26	102.06 4.53 -5.18	98.38 4.35 -7.09	94.66 4.41 -3.75	89.57 4.14 -5.82	90.30 4.29 -0.20	101.93 4.31 -9.58	113.24 5.02 -5.86	105.52 4.56 -7.88	101.01 3.85 -18.66	97.00 3.65 -20.42	88.18 3.65 -11.45	77.05 3.67 0.00	77.55 3.62 0.00
MOHICAN___35_KV_115KV_LD 80490	130.44 2.57 -71.97	117.35 3.57 -58.85	113.30 4.22 -45.21	111.07 3.78 -46.34	114.50 4.76 -37.60	115.00 5.03 -34.90	137.50 5.53 -50.59	155.04 4.78 -77.76	154.33 5.58 -74.32	155.79 7.01 -56.61	110.68 7.40 -3.34	104.21 6.56 -5.30	100.02 5.82 -7.26	96.13 5.80 -3.84	90.98 5.41 -5.96	92.11 6.09 -0.21	104.18 6.34 -9.81	116.14 7.78 -6.00	108.13 6.98 -8.07	103.34 5.73 -19.10	99.24 5.40 -20.91	89.92 5.12 -11.73	78.30 4.92 0.00	78.58 4.66 0.00
MONGAUP___HYD 23641	110.66 3.63 -51.12	100.03 3.30 -41.80	99.69 3.70 -32.11	97.40 3.53 -32.92	102.88 4.04 -26.71	104.37 4.50 -24.79	122.52 5.21 -35.94	131.86 4.20 -55.17	131.70 4.54 -52.73	137.86 5.53 -40.16	108.41 6.10 -2.37	101.56 5.45 -3.76	97.13 5.04 -5.15	94.32 5.10 -2.73	88.77 4.94 -4.23	91.87 5.92 -0.15	101.16 6.16 -6.96	114.00 7.37 -4.25	105.32 6.51 -5.73	97.79 5.73 -13.55	92.94 5.18 -14.84	86.37 4.97 -8.32	78.30 4.92 0.00	78.58 4.66 0.00
MONTAUK___DIESEL 23721	119.67 7.60 -56.17	107.56 6.70 -45.92	106.05 6.90 -35.27	103.76 6.64 -36.16	109.77 8.30 -29.34	111.54 9.23 -27.23	131.84 10.99 -39.49	142.90 9.79 -60.63	145.80 10.27 -61.11	148.66 12.35 -44.14	116.25 13.69 -2.61	109.52 12.47 -4.69	103.47 10.87 -5.66	100.47 10.98 -3.00	94.68 10.43 -4.64	98.58 12.61 -0.16	123.33 13.38 -21.91	126.93 15.66 -8.89	125.34 14.24 -18.01	115.85 12.01 -25.33	102.44 11.09 -18.43	101.10 11.03 -16.99	83.73 10.35 0.00	83.24 9.31 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	61.43 -4.42 -9.95	58.40 -4.67 -8.13	65.21 -4.92 -6.25	62.54 -4.82 -6.40	71.71 -5.63 -5.20	74.72 -5.18 -4.82	82.18 -6.18 -6.99	75.24 -6.09 -8.84	76.17 -6.70 -8.45	90.68 -7.93 -6.43	92.03 -8.30 -0.38	84.65 -8.31 -0.61	80.29 -7.48 -0.83	79.84 -7.09 -0.44	73.76 -6.53 -0.68	79.66 -6.18 -0.03	81.67 -7.48 -1.12	94.35 -8.70 -0.69	86.46 -7.54 -0.92	74.16 -6.52 -2.17	69.26 -6.05 -2.38	68.19 -6.28 -1.40	69.86 -3.52 0.00	71.34 -2.59 0.00

MORRIS_RIDGE___SOLAR 323848	63.22 -4.08 -11.39	60.13 -4.12 -9.32	66.50 -4.53 -7.16	63.84 -4.45 -7.34	73.04 -5.05 -5.95	75.49 -5.11 -5.52	83.52 -5.86 -8.01	77.63 -5.80 -10.94	78.48 -6.40 -10.46	92.30 -7.83 -7.97	92.12 -8.29 -0.47	84.98 -8.13 -0.75	80.49 -7.48 -1.02	79.86 -7.18 -0.54	74.01 -6.45 -0.84	79.83 -6.01 -0.03	82.46 -6.96 -1.38	96.36 -6.86 -0.85	87.05 -7.17 -1.14	75.07 -6.12 -2.69	70.26 -5.61 -2.94	69.29 -5.48 -1.70	69.34 -4.04 0.00	70.67 -3.25 0.00
MORTIMER_115KV_TB3 55949	60.42 -2.52 -7.03	58.05 -2.64 -5.75	65.23 -3.07 -4.42	62.37 -3.11 -4.53	72.13 -3.68 -3.67	74.73 -3.75 -3.41	81.84 -4.48 -4.94	76.07 -4.20 -7.78	76.88 -4.99 -7.44	91.85 -5.99 -5.67	93.68 -6.60 -0.33	86.42 -6.46 -0.53	81.93 -5.74 -0.73	81.26 -5.62 -0.38	75.43 -4.78 -0.60	80.51 -5.32 -0.02	83.12 -5.90 -0.98	95.80 -7.17 -0.60	87.65 -6.24 -0.81	75.31 -5.10 -1.91	70.50 -4.52 -2.09	69.78 -4.46 -1.17	69.05 -4.33 0.00	69.78 -4.14 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	116.42 4.36 -56.15	104.92 4.07 -45.91	103.62 4.47 -35.27	101.32 4.21 -36.16	106.38 4.91 -29.34	107.63 5.33 -27.23	127.11 6.27 -39.47	138.69 5.58 -60.61	138.39 6.03 -57.93	143.85 7.56 -44.12	110.44 7.90 -2.60	103.88 7.39 -4.13	99.47 6.87 -5.66	96.32 6.83 -3.00	90.78 6.53 -4.64	93.26 7.29 -0.16	103.08 7.40 -7.65	115.54 8.50 -4.67	107.00 7.63 -6.29	99.91 6.52 -14.89	95.21 5.98 -16.30	88.28 6.07 -9.14	79.25 5.87 0.00	79.39 5.47 0.00
MUNSVILLE_WIND_PWR 323609	77.31 3.91 -17.49	72.81 3.57 -14.30	79.40 4.54 -10.99	76.24 4.02 -11.26	86.18 4.91 -9.14	88.89 5.33 -8.48	100.67 7.00 -12.30	97.88 6.74 -18.65	98.57 6.32 -17.82	113.86 8.11 -13.58	108.64 7.89 -0.80	101.11 7.48 -1.27	95.47 6.79 -1.74	93.99 6.57 -0.92	87.80 6.76 -1.43	93.41 7.55 -0.05	98.40 8.01 -2.35	114.45 10.65 -1.44	103.86 8.85 -1.94	90.39 7.30 -4.58	84.51 6.57 -5.02	82.47 6.58 -2.82	80.28 6.90 0.00	80.87 6.95 0.00
N SALMON___HYD 24042	56.35 0.45 0.00	55.76 0.83 0.00	64.96 1.08 0.00	62.29 1.34 0.00	73.50 1.37 0.00	76.27 1.20 0.00	82.59 1.22 0.00	73.58 1.09 0.00	75.32 0.90 0.00	92.73 0.56 0.00	100.65 0.70 0.00	93.09 0.74 0.00	87.38 0.44 0.00	87.02 0.52 0.00	79.53 -0.08 0.00	85.55 -0.26 0.00	88.48 0.44 0.00	102.88 0.51 0.00	93.82 0.74 0.00	79.06 0.55 0.00	73.51 0.58 0.00	73.37 0.29 0.00	73.75 0.37 0.00	74.88 0.96 0.00
N.AKRON__115KV_KNAPP 355671	59.99 -4.25 -8.34	57.30 -4.45 -6.82	64.13 -4.98 -5.24	61.26 -5.06 -5.37	70.50 -5.99 -4.36	73.04 -6.08 -4.04	79.66 -7.57 -5.86	72.78 -7.32 -7.61	73.29 -8.41 -7.28	87.49 -10.23 -5.54	89.08 -11.19 -0.33	81.98 -10.90 -0.52	77.92 -9.74 -0.71	77.36 -9.51 -0.38	71.84 -8.36 -0.59	77.08 -8.75 -0.02	79.05 -9.95 -0.96	91.09 -11.87 -0.59	83.45 -10.42 -0.79	71.98 -8.40 -1.87	67.39 -7.58 -2.05	66.75 -7.53 -1.20	67.22 -6.16 0.00	68.38 -5.54 0.00
N.BELMOR_69_KV_BK1 55787	117.33 5.25 -56.17	105.64 4.78 -45.92	104.07 4.92 -35.27	101.81 4.69 -36.16	107.18 5.70 -29.34	108.69 6.38 -27.23	128.51 7.65 -39.49	139.87 6.74 -60.63	143.85 7.07 -62.35	144.98 8.66 -44.14	111.75 9.20 -2.61	105.74 8.50 -4.88	100.34 7.74 -5.66	97.27 7.78 -3.00	91.50 7.24 -4.64	94.55 8.58 -0.16	123.19 8.54 -26.61	122.47 9.83 -10.27	123.79 8.84 -21.87	114.83 7.54 -28.79	99.06 7.00 -19.14	99.97 7.31 -19.59	80.57 7.19 0.00	80.21 6.28 0.00
N.E_GEN_SANDY PD 24062	123.14 3.41 -63.82	110.42 3.30 -52.19	107.74 3.77 -40.09	105.71 3.66 -41.09	109.81 4.33 -33.35	110.60 4.58 -30.95	131.12 4.88 -44.87	145.68 4.28 -68.91	144.83 4.54 -65.86	147.96 5.62 -50.16	109.00 6.10 -2.96	102.50 5.45 -4.70	98.50 5.13 -6.43	95.00 5.10 -3.41	89.83 4.94 -5.28	91.40 5.41 -0.19	102.10 5.37 -8.69	113.82 6.14 -5.31	105.82 5.58 -7.15	100.22 4.79 -16.93	95.84 4.38 -18.53	88.00 4.53 -10.39	77.93 4.55 0.00	78.21 4.29 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	113.25 3.30 -54.05	102.20 3.08 -44.19	101.15 3.32 -33.95	98.98 3.23 -34.80	104.05 3.68 -28.24	105.34 4.05 -26.21	124.08 4.72 -37.99	135.10 4.28 -58.33	134.87 4.69 -55.75	140.54 5.90 -42.46	108.55 6.10 -2.50	101.97 5.63 -3.98	97.60 5.22 -5.44	94.57 5.19 -2.88	89.09 5.02 -4.47	91.63 5.66 -0.16	101.12 5.72 -7.36	113.52 6.65 -4.50	105.09 5.96 -6.06	97.94 5.10 -14.33	93.28 4.67 -15.69	86.55 4.68 -8.80	77.86 4.48 0.00	78.06 4.14 0.00
N.QUEENS_27_KV_LOAD 356247	116.87 4.81 -56.16	105.36 4.50 -45.92	104.20 5.05 -35.28	101.93 4.82 -36.16	107.11 5.63 -29.35	108.39 6.08 -27.24	127.77 6.92 -39.48	139.13 6.02 -60.62	138.77 6.40 -57.94	144.23 7.93 -44.13	110.84 8.30 -2.60	104.25 7.76 -4.14	99.82 7.22 -5.67	96.68 7.18 -3.00	91.11 6.85 -4.65	93.78 7.81 -0.17	103.35 7.66 -7.65	115.85 8.80 -4.68	107.38 8.00 -6.30	100.23 6.83 -14.90	95.51 6.27 -16.31	88.58 6.36 -9.15	79.48 6.09 -0.01	79.99 6.06 -0.01
N.TROY___115KV_TB1 355778	129.47 2.91 -70.66	115.63 2.91 -57.78	111.65 3.39 -44.38	109.68 3.23 -45.50	112.95 3.90 -36.92	113.47 4.13 -34.26	135.28 4.23 -49.67	152.54 3.70 -76.35	151.42 4.02 -72.97	152.73 4.98 -55.58	108.62 5.40 -3.28	102.36 4.80 -5.20	98.59 4.52 -7.13	94.76 4.50 -3.77	89.76 4.30 -5.85	90.64 4.63 -0.21	102.33 4.67 -9.63	113.78 5.53 -5.89	106.03 5.03 -7.93	101.50 4.24 -18.75	97.40 3.94 -20.53	88.53 3.95 -11.51	77.42 4.04 0.00	77.77 3.84 0.00
NARROWS_GT1_1 24228	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT1_2 24229	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT1_3 24230	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT1_4 24231	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01

NARROWS_GT1_5 24232	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT1_6 24233	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT1_7 24234	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT1_8 24235	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_1 24236	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_2 24237	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_3 24238	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_4 24239	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_5 24240	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_6 24241	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_7 24242	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NARROWS_GT2_8 24243	117.15 5.09 -56.16	105.64 4.78 -45.92	104.33 5.17 -35.28	102.00 4.88 -36.16	107.11 5.63 -29.35	108.47 6.16 -27.24	127.85 7.00 -39.48	139.49 6.38 -60.62	140.52 6.84 -59.25	194.83 8.76 -93.89	111.70 9.09 -2.66	221.57 8.40 -120.81	217.19 7.91 -122.34	173.00 7.79 -78.72	208.41 7.48 -121.32	94.49 8.41 -0.28	232.33 8.37 -135.93	225.85 9.52 -113.96	246.89 8.85 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.37 6.95 -72.35	159.61 7.05 -79.19	80.36 6.43 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	125.25 3.13 -66.22	112.05 2.97 -54.14	109.05 3.58 -41.59	106.94 3.35 -42.64	110.70 3.97 -34.60	111.47 4.28 -32.11	132.48 4.56 -46.55	147.76 3.77 -71.50	147.01 4.24 -68.34	149.20 4.98 -52.05	107.91 4.90 -3.07	101.57 4.34 -4.87	97.70 4.09 -6.67	94.18 4.15 -3.53	89.15 4.06 -5.48	90.55 4.55 -0.19	101.81 4.75 -9.02	113.61 5.73 -5.51	105.81 5.31 -7.42	100.62 4.55 -17.56	96.39 4.23 -19.23	87.80 3.95 -10.78	78.08 4.70 0.00	78.73 4.81 0.00
NCHELSEA_115KV_TR2 355582	116.23 4.36 -55.96	104.76 4.07 -45.76	103.63 4.60 -35.15	101.38 4.39 -36.03	106.42 5.05 -29.24	107.69 5.48 -27.14	126.98 6.27 -39.34	138.48 5.58 -60.41	138.27 6.10 -57.74	143.61 7.47 -43.97	110.33 7.80 -2.59	103.58 7.11 -4.12	99.19 6.61 -5.64	96.05 6.57 -2.98	90.53 6.29 -4.63	93.18 7.21 -0.16	102.96 7.31 -7.62	115.63 8.60 -4.66	107.08 7.73 -6.27	99.94 6.59 -14.84	95.23 6.05 -16.25	88.10 5.92 -9.11	79.18 5.80 0.00	79.39 5.47 0.00
NEG CAPITAL___MECHNVIL 23645	130.61 3.18 -71.52	116.82 3.41 -58.48	112.76 3.96 -44.92	110.66 3.66 -46.05	113.98 4.47 -37.37	114.49 4.73 -34.68	136.69 5.05 -50.28	154.12 4.35 -77.27	153.27 4.99 -73.86	154.60 6.18 -56.25	109.86 6.59 -3.32	103.54 5.92 -5.27	99.54 5.39 -7.21	95.68 5.36 -3.82	90.55 5.02 -5.92	91.59 5.57 -0.21	103.59 5.81 -9.75	115.29 6.96 -5.96	107.34 6.24 -8.02	102.67 5.18 -18.98	98.60 4.89 -20.78	89.47 4.75 -11.65	78.01 4.63 0.00	78.36 4.44 0.00

NEG CENTRAL_HIGH_ACRES 23767	59.82 -2.85 -6.77	57.50 -2.97 -5.53	64.68 -3.45 -4.25	61.84 -3.47 -4.36	71.63 -4.04 -3.53	74.15 -4.20 -3.28	81.33 -4.80 -4.76	75.69 -4.35 -7.55	76.57 -5.06 -7.21	91.58 -6.09 -5.49	93.47 -6.80 -0.32	86.50 -6.37 -0.51	81.90 -5.74 -0.70	81.15 -5.71 -0.37	75.25 -4.94 -0.58	80.16 -5.67 -0.02	83.17 -5.81 -0.95	96.09 -6.86 -0.58	87.63 -6.24 -0.78	75.26 -5.10 -1.85	70.36 -4.59 -2.03	69.74 -4.46 -1.13	68.68 -4.70 0.00	69.41 -4.51 0.00
NEG CENTRAL___DRP 24199	62.09 -1.23 -7.41	59.57 -1.43 -6.06	67.00 -1.53 -4.66	64.14 -1.58 -4.77	74.21 -1.80 -3.87	77.02 -1.65 -3.60	84.71 -1.87 -5.21	78.98 -1.52 -8.01	80.00 -2.08 -7.66	95.52 -2.49 -5.83	97.39 -2.90 -0.34	90.04 -2.86 -0.55	85.17 -2.52 -0.75	84.47 -2.42 -0.40	78.23 -1.99 -0.61	83.85 -1.97 -0.02	86.76 -2.29 -1.01	100.43 -2.56 -0.62	91.77 -2.14 -0.83	78.75 -1.73 -1.97	73.41 -1.68 -2.15	72.53 -1.75 -1.21	71.91 -1.47 0.00	72.52 -1.40 0.00
NEG CENTRAL___INDECK 23768	62.83 -2.96 -9.89	59.90 -3.13 -8.09	66.46 -3.64 -6.21	63.67 -3.66 -6.37	73.27 -4.04 -5.17	75.60 -4.28 -4.80	83.69 -4.63 -6.95	78.69 -3.92 -10.12	78.88 -5.21 -9.67	93.08 -6.45 -7.37	93.09 -7.29 -0.44	85.94 -7.11 -0.69	81.54 -6.34 -0.95	80.77 -6.23 -0.50	75.21 -5.17 -0.78	80.26 -5.58 -0.03	83.59 -5.72 -1.28	97.21 -5.94 -0.78	88.36 -5.77 -1.05	76.28 -4.71 -2.49	71.42 -4.23 -2.72	70.38 -4.24 -1.55	69.34 -4.04 0.00	70.23 -3.69 0.00
NEG CENTRAL___SENECA 23627	62.67 -1.51 -8.27	60.00 -1.70 -6.76	67.22 -1.85 -5.20	64.39 -1.89 -5.33	74.29 -2.16 -4.32	77.06 -2.03 -4.01	84.91 -2.28 -5.82	79.39 -1.96 -8.86	80.21 -2.68 -8.47	95.30 -3.32 -6.45	96.43 -3.90 -0.38	89.17 -3.79 -0.60	84.55 -3.22 -0.83	83.82 -3.11 -0.44	77.74 -2.55 -0.68	83.34 -2.49 -0.02	86.16 -2.99 -1.12	99.67 -3.38 -0.68	91.21 -2.79 -0.92	78.48 -2.20 -2.18	73.20 -2.11 -2.38	72.22 -2.19 -1.34	71.62 -1.76 0.00	72.37 -1.55 0.00
NEG CENTRAL___STATE_STREET 24147	62.52 -0.56 -7.17	60.03 -0.77 -5.87	67.56 -0.83 -4.51	64.72 -0.85 -4.62	74.87 -1.01 -3.75	77.73 -0.83 -3.48	85.60 -0.81 -5.04	79.66 -0.58 -7.75	81.02 -0.82 -7.41	96.99 -1.00 -5.64	99.28 -1.11 -0.33	91.78 -1.11 -0.53	86.71 -0.96 -0.72	85.92 -0.95 -0.38	79.41 -0.80 -0.59	85.05 -0.77 -0.02	88.13 -0.88 -0.98	102.05 -0.92 -0.60	93.14 -0.74 -0.80	79.78 -0.63 -1.90	74.36 -0.66 -2.08	73.44 -0.80 -1.17	72.65 -0.73 0.00	73.11 -0.81 0.00
NEG MILLWOOD___DRP 24198	117.21 4.70 -56.61	105.57 4.34 -46.29	104.36 4.92 -35.56	102.10 4.69 -36.45	107.12 5.41 -29.58	108.31 5.78 -27.45	127.84 6.67 -39.80	139.62 6.02 -61.11	139.46 6.62 -58.41	144.95 8.30 -44.48	111.46 8.90 -2.62	104.56 8.03 -4.16	100.03 7.39 -5.70	96.86 7.35 -3.02	91.22 6.93 -4.68	93.86 7.89 -0.16	103.76 8.01 -7.71	116.60 9.52 -4.71	107.89 8.47 -6.34	100.58 7.07 -15.01	95.93 6.56 -16.43	88.87 6.58 -9.22	79.62 6.24 0.00	79.76 5.84 0.00
NEG NORTH_FLCN_SEA 23793	56.41 0.50 0.00	55.76 0.82 0.00	65.09 1.21 0.00	62.36 1.40 0.00	73.79 1.66 0.00	76.50 1.43 0.00	82.19 0.81 0.00	73.14 0.65 0.00	75.02 0.60 0.00	91.53 -0.65 0.00	99.45 -0.50 0.00	91.89 -0.46 0.00	86.33 -0.61 0.00	85.89 -0.61 0.00	78.65 -0.96 0.00	84.60 -1.20 0.00	87.33 -0.70 0.00	101.65 -0.72 0.00	92.71 -0.37 0.00	78.03 -0.47 0.00	72.49 -0.44 0.00	72.56 -0.51 0.00	73.23 -0.15 0.00	75.18 1.26 0.00
NEG NORTH_KES_CHATEGAY 23792	55.79 -0.11 0.00	55.16 0.22 0.00	64.33 0.45 0.00	61.56 0.61 0.00	72.93 0.79 0.00	75.68 0.60 0.00	81.70 0.33 0.00	72.78 0.29 0.00	74.57 0.15 0.00	91.71 -0.46 0.00	99.65 -0.30 0.00	92.08 -0.28 0.00	86.51 -0.43 0.00	86.15 -0.35 0.00	78.89 -0.72 0.00	84.86 -0.94 0.00	87.60 -0.44 0.00	101.96 -0.41 0.00	92.89 -0.19 0.00	78.19 -0.31 0.00	72.71 -0.22 0.00	72.78 -0.29 0.00	73.09 -0.29 0.00	74.29 0.37 0.00
NEG NORTH___ALICE_FALLS 23915	56.57 0.67 0.00	55.98 1.04 0.00	65.29 1.41 0.00	62.60 1.65 0.00	74.08 1.95 0.00	76.73 1.65 0.00	82.75 1.38 0.00	73.65 1.16 0.00	75.47 1.04 0.00	92.36 0.18 0.00	100.35 0.40 0.00	92.73 0.37 0.00	87.11 0.17 0.00	86.67 0.17 0.00	79.29 -0.32 0.00	85.29 -0.51 0.00	88.21 0.18 0.00	102.78 0.41 0.00	93.64 0.56 0.00	78.82 0.31 0.00	73.29 0.36 0.00	73.29 0.22 0.00	73.75 0.37 0.00	75.40 1.48 0.00
NEG NORTH___LWR_SARANAC 23913	56.57 0.67 0.00	55.98 1.04 0.00	65.29 1.41 0.00	62.60 1.65 0.00	74.08 1.95 0.00	76.73 1.65 0.00	82.75 1.38 0.00	73.65 1.16 0.00	75.47 1.04 0.00	92.36 0.18 0.00	100.35 0.40 0.00	92.73 0.37 0.00	87.11 0.17 0.00	86.67 0.17 0.00	79.29 -0.32 0.00	85.29 -0.51 0.00	88.21 0.18 0.00	102.78 0.41 0.00	93.64 0.56 0.00	78.82 0.31 0.00	73.29 0.36 0.00	73.29 0.22 0.00	73.75 0.37 0.00	75.40 1.48 0.00
NEG NORTH___PLATTSBURG 23628	56.58 0.67 0.00	55.93 0.99 0.00	65.28 1.40 0.00	62.60 1.65 0.00	73.86 1.73 0.00	76.72 1.65 0.00	82.75 1.38 0.00	73.65 1.16 0.00	75.47 1.04 0.00	92.36 0.18 0.00	100.35 0.40 0.00	92.73 0.37 0.00	87.11 0.17 0.00	86.67 0.17 0.00	79.29 -0.32 0.00	85.29 -0.51 0.00	88.21 0.18 0.00	102.57 0.21 0.00	93.64 0.56 0.00	78.82 0.32 0.00	73.29 0.37 0.00	73.15 0.07 0.00	73.75 0.37 0.00	75.40 1.48 0.00
NEG WEST_LEA_LOCKPORT 23791	58.86 -5.65 -8.61	56.15 -5.82 -7.04	62.83 -6.45 -5.41	60.03 -6.46 -5.54	68.84 -7.79 -4.50	71.37 -7.88 -4.17	77.74 -9.68 -6.05	70.50 -9.57 -7.58	71.10 -10.57 -7.24	84.79 -12.90 -5.52	86.28 -13.99 -0.33	79.30 -13.58 -0.52	75.39 -12.26 -0.71	74.76 -12.11 -0.38	69.53 -10.67 -0.58	74.50 -11.33 -0.03	76.32 -12.68 -0.96	87.81 -15.15 -0.59	80.56 -13.31 -0.79	69.54 -10.83 -1.86	65.20 -9.77 -2.04	64.71 -9.57 -1.21	65.45 -7.92 0.00	66.83 -7.10 0.00
NEG WEST___LANCASTR 23811	59.85 -6.15 -10.10	56.88 -6.32 -8.26	63.20 -7.03 -6.34	60.51 -6.95 -6.50	69.12 -8.30 -5.28	71.64 -8.33 -4.90	78.71 -9.76 -7.10	72.02 -9.50 -9.03	73.16 -9.90 -8.63	86.49 -12.26 -6.57	87.15 -13.19 -0.39	80.88 -12.10 -0.62	76.40 -11.39 -0.85	75.96 -10.98 -0.45	70.04 -10.27 -0.70	76.31 -9.52 -0.03	78.26 -10.92 -1.14	90.68 -12.39 -0.70	82.76 -11.26 -0.94	71.23 -9.50 -2.22	66.17 -9.19 -2.43	64.86 -9.65 -1.43	68.32 -5.06 0.00	70.15 -3.77 0.00
NEG_PENN_ALLEGHNY 23528	73.73 -0.45 -18.27	69.28 -0.60 -14.94	74.78 -0.58 -11.48	72.05 -0.67 -11.77	80.89 -0.79 -9.55	83.19 -0.75 -8.86	93.40 -0.81 -12.85	90.99 -0.80 -19.30	91.83 -1.04 -18.45	105.02 -1.20 -14.05	99.58 -1.19 -0.83	92.47 -1.20 -1.32	87.61 -1.13 -1.80	86.32 -1.13 -0.95	80.14 -0.95 -1.48	85.26 -0.60 -0.05	89.51 -0.97 -2.44	103.45 -0.41 -1.49	94.24 -0.84 -2.00	82.46 -0.78 -4.74	77.32 -0.80 -5.19	75.20 -0.80 -2.93	73.01 -0.37 0.00	73.78 -0.15 0.00
NEG___GEN_MONROE 24207	60.32 -2.68 -7.10	57.94 -2.80 -5.81	65.21 -3.13 -4.46	62.30 -3.23 -4.57	71.95 -3.90 -3.71	74.62 -3.90 -3.44	81.48 -4.88 -4.99	75.63 -4.64 -7.77	76.42 -5.43 -7.43	91.20 -6.64 -5.66	92.88 -7.40 -0.33	85.59 -7.30 -0.53	81.14 -6.52 -0.73	80.39 -6.49 -0.38	74.63 -5.57 -0.60	79.65 -6.18 -0.02	82.24 -6.78 -0.98	94.88 -8.09 -0.60	87.00 -6.89 -0.81	74.76 -5.65 -1.91	69.91 -5.10 -2.09	69.27 -4.97 -1.17	68.76 -4.62 0.00	69.64 -4.29 0.00

NEPA__ENERGY 23901	60.63 -4.81 -9.53	57.73 -5.00 -7.79	64.50 -5.37 -5.99	61.73 -5.36 -6.14	70.77 -6.35 -4.98	73.47 -6.23 -4.62	80.50 -7.57 -6.70	73.24 -7.54 -8.28	74.08 -8.26 -7.92	88.25 -9.95 -6.03	89.71 -10.59 -0.36	82.58 -10.34 -0.57	78.33 -9.39 -0.78	77.83 -9.08 -0.41	72.05 -8.20 -0.64	77.60 -8.24 -0.03	79.58 -9.51 -1.05	91.85 -11.16 -0.64	84.17 -9.77 -0.86	72.30 -8.24 -2.04	67.58 -7.58 -2.23	66.80 -7.60 -1.32	68.17 -5.21 0.00	69.64 -4.29 0.00
NEVERSINK__HYD 23608	110.74 4.19 -50.64	100.13 3.79 -41.40	100.03 4.35 -31.81	97.71 4.15 -32.60	103.35 4.76 -26.46	104.88 5.25 -24.55	122.99 6.02 -35.60	132.50 5.36 -54.65	132.47 5.81 -52.23	138.96 7.00 -39.78	109.39 7.10 -2.35	102.45 6.37 -3.72	97.87 5.83 -5.10	94.99 5.80 -2.70	89.45 5.65 -4.19	92.65 6.70 -0.15	101.88 6.95 -6.89	114.67 8.09 -4.21	106.10 7.35 -5.67	98.29 6.36 -13.42	93.46 5.84 -14.70	86.87 5.55 -8.24	78.89 5.51 0.00	79.02 5.10 0.00
NEWKRMKL_115KV_TB1 55635	128.67 2.57 -70.19	114.86 2.53 -57.39	110.91 2.94 -44.09	108.89 2.74 -45.19	112.13 3.32 -36.67	112.56 3.45 -34.04	134.29 3.58 -49.34	151.38 3.04 -75.84	150.19 3.27 -72.49	151.53 4.15 -55.21	107.70 4.50 -3.25	101.59 4.06 -5.17	98.02 4.00 -7.08	94.31 4.07 -3.75	89.24 3.82 -5.81	89.78 3.78 -0.20	101.30 3.70 -9.57	112.41 4.20 -5.85	104.86 3.91 -7.87	100.43 3.30 -18.63	96.46 3.14 -20.40	87.65 3.14 -11.44	76.53 3.16 0.00	77.25 3.33 0.00
NEWTON__FALLS_HYD 23847	56.46 -0.89 -1.45	55.35 -0.77 -1.18	64.09 -0.70 -0.91	61.46 -0.43 -0.93	72.46 -0.43 -0.76	74.95 -0.83 -0.70	81.82 -0.57 -1.02	73.77 -0.29 -1.57	75.33 -0.60 -1.50	92.39 -0.92 -1.14	98.61 -1.40 -0.07	91.35 -1.11 -0.11	85.78 -1.30 -0.15	85.27 -1.30 -0.08	78.62 -1.11 -0.12	84.26 -1.54 0.00	86.74 -1.50 -0.20	100.95 -1.54 -0.12	91.75 -1.49 -0.16	77.56 -1.33 -0.38	72.04 -1.31 -0.42	71.92 -1.39 -0.24	71.91 -1.47 0.00	72.74 -1.18 0.00
NGRID_A1_DSASP 323792	59.48 -5.20 -8.77	56.78 -5.33 -7.17	63.19 -6.20 -5.51	60.39 -6.22 -5.65	69.44 -7.28 -4.58	71.60 -7.73 -4.25	77.69 -9.85 -6.17	69.80 -9.93 -7.23	70.47 -10.87 -6.91	84.17 -13.27 -5.27	86.07 -14.19 -0.32	79.19 -13.67 -0.50	75.10 -12.52 -0.68	74.57 -12.28 -0.36	69.18 -10.99 -0.56	74.16 -11.67 -0.03	75.93 -13.03 -0.92	88.19 -14.74 -0.56	80.06 -13.78 -0.76	68.59 -11.70 -1.78	64.45 -10.43 -1.95	64.46 -9.79 -1.17	64.57 -8.81 0.00	66.09 -7.84 0.00
NGRID_A2_DSASP 323793	59.48 -5.20 -8.77	56.78 -5.33 -7.17	63.19 -6.20 -5.51	60.39 -6.22 -5.65	69.44 -7.28 -4.58	71.60 -7.73 -4.25	77.69 -9.85 -6.17	69.80 -9.93 -7.23	70.47 -10.87 -6.91	84.17 -13.27 -5.27	86.07 -14.19 -0.32	79.19 -13.67 -0.50	75.10 -12.52 -0.68	74.57 -12.28 -0.36	69.18 -10.99 -0.56	74.16 -11.67 -0.03	75.93 -13.03 -0.92	88.19 -14.74 -0.56	80.06 -13.78 -0.76	68.59 -11.70 -1.78	64.45 -10.43 -1.95	64.46 -9.79 -1.17	64.57 -8.81 0.00	66.09 -7.84 0.00
NGRID_A4_DSASP 323807	59.48 -5.20 -8.77	56.78 -5.33 -7.17	63.19 -6.20 -5.51	60.39 -6.22 -5.65	69.44 -7.28 -4.58	71.60 -7.73 -4.25	77.69 -9.85 -6.17	69.80 -9.93 -7.23	70.47 -10.87 -6.91	84.17 -13.27 -5.27	86.07 -14.19 -0.32	79.19 -13.67 -0.50	75.10 -12.52 -0.68	74.57 -12.28 -0.36	69.18 -10.99 -0.56	74.16 -11.67 -0.03	75.93 -13.03 -0.92	88.19 -14.74 -0.56	80.06 -13.78 -0.76	68.59 -11.70 -1.78	64.45 -10.43 -1.95	64.46 -9.79 -1.17	64.57 -8.81 0.00	66.09 -7.84 0.00
NIAGARA_115E_LBMP 323715	58.88 -5.82 -8.79	56.19 -5.93 -7.19	62.57 -6.83 -5.52	59.79 -6.83 -5.66	68.79 -7.94 -4.59	71.00 -8.34 -4.26	77.22 -10.34 -6.18	69.70 -10.29 -7.50	70.36 -11.24 -7.17	83.90 -13.73 -5.46	85.68 -14.59 -0.33	78.65 -14.22 -0.52	74.60 -13.04 -0.71	74.24 -12.63 -0.38	68.73 -11.46 -0.58	73.91 -11.92 -0.03	75.61 -13.38 -0.95	88.11 -14.84 -0.58	79.62 -14.24 -0.78	68.34 -12.01 -1.85	64.16 -10.79 -2.02	63.98 -10.30 -1.21	64.28 -9.10 0.00	65.87 -8.06 0.00
NIAGARA_115W_LBMP 323714	59.35 -5.31 -8.76	56.72 -5.38 -7.16	63.06 -6.33 -5.50	60.25 -6.34 -5.64	69.35 -7.36 -4.58	71.51 -7.81 -4.25	77.52 -10.01 -6.16	69.62 -10.07 -7.20	70.37 -10.94 -6.88	83.96 -13.46 -5.24	85.87 -14.39 -0.31	79.09 -13.76 -0.50	75.01 -12.61 -0.68	74.48 -12.37 -0.36	69.10 -11.06 -0.56	73.99 -11.84 -0.03	75.83 -13.12 -0.91	88.09 -14.84 -0.56	79.87 -13.96 -0.75	68.42 -11.86 -1.77	64.29 -10.58 -1.94	64.31 -9.94 -1.17	64.42 -8.96 0.00	65.94 -7.99 0.00
NIAGARA_230_LBMP 323716	59.47 -5.09 -8.66	56.85 -5.17 -7.08	63.31 -6.01 -5.44	60.56 -5.97 -5.57	69.66 -7.00 -4.52	71.92 -7.35 -4.20	78.34 -9.11 -6.08	70.14 -9.28 -6.93	70.93 -10.12 -6.63	84.87 -12.35 -5.05	86.86 -13.39 -0.30	80.00 -12.83 -0.48	75.85 -11.74 -0.65	75.34 -11.50 -0.35	69.88 -10.27 -0.54	74.85 -10.98 -0.03	76.86 -12.06 -0.88	89.20 -13.71 -0.54	80.87 -12.94 -0.73	69.30 -10.91 -1.71	65.03 -9.77 -1.87	65.00 -9.21 -1.14	65.16 -8.22 0.00	66.68 -7.24 0.00
NIAGARA__115KV_198_GIBSON 55903	59.19 -5.48 -8.76	56.50 -5.60 -7.16	63.12 -6.26 -5.50	60.32 -6.28 -5.64	68.99 -7.72 -4.58	71.52 -7.81 -4.25	77.44 -10.09 -6.16	69.55 -10.15 -7.20	70.22 -11.09 -6.88	83.96 -13.46 -5.24	85.87 -14.39 -0.31	78.81 -12.87 -0.50	74.75 -12.87 -0.68	74.31 -12.54 -0.36	68.94 -11.23 -0.56	73.90 -11.93 -0.03	75.48 -13.47 -0.91	86.86 -16.07 -0.56	79.59 -14.24 -0.75	68.43 -11.85 -1.77	64.22 -10.65 -1.94	63.94 -10.30 -1.17	64.65 -8.73 0.00	65.94 -7.98 0.00
NIAGARA____ 23760	59.60 -5.09 -8.78	56.95 -5.17 -7.18	63.39 -6.01 -5.52	60.64 -5.97 -5.66	69.73 -7.00 -4.59	71.98 -7.35 -4.26	78.42 -9.11 -6.16	70.41 -9.28 -7.20	71.18 -10.12 -6.88	85.06 -12.35 -5.24	86.87 -13.39 -0.31	80.02 -12.83 -0.49	75.88 -11.74 -0.68	75.35 -11.50 -0.36	69.90 -10.27 -0.56	74.85 -10.98 -0.03	76.89 -12.06 -0.91	89.21 -13.71 -0.56	80.89 -12.94 -0.75	69.36 -10.91 -1.76	65.09 -9.77 -1.93	65.03 -9.21 -1.17	65.16 -8.22 0.00	66.68 -7.24 0.00
NINE_MILE_1 23575	57.28 -2.12 -3.50	55.60 -2.20 -2.86	63.52 -2.56 -2.20	60.77 -2.44 -2.26	71.08 -2.89 -1.83	73.77 -3.01 -1.70	80.58 -3.26 -2.46	73.43 -2.90 -3.84	75.04 -3.05 -3.67	91.18 -3.78 -2.79	96.01 -4.10 -0.16	88.83 -3.79 -0.26	83.73 -3.57 -0.36	83.13 -3.55 -0.19	76.72 -3.19 -0.29	82.38 -3.43 -0.01	84.91 -3.61 -0.48	98.57 -4.10 -0.30	89.66 -3.82 -0.40	76.31 -3.14 -0.94	71.04 -2.92 -1.03	70.73 -2.93 -0.58	70.44 -2.94 0.00	70.96 -2.96 0.00
NINE_MILE_2 23744	57.28 -2.12 -3.50	55.60 -2.20 -2.86	63.52 -2.56 -2.20	60.77 -2.44 -2.25	71.07 -2.89 -1.83	73.77 -3.01 -1.70	80.57 -3.26 -2.46	73.42 -2.90 -3.83	75.03 -3.05 -3.66	91.18 -3.78 -2.79	96.01 -4.10 -0.16	88.83 -3.79 -0.26	83.73 -3.57 -0.36	83.13 -3.55 -0.19	76.72 -3.19 -0.29	82.38 -3.43 -0.01	84.91 -3.61 -0.48	98.57 -4.10 -0.30	89.75 -3.73 -0.40	76.30 -3.14 -0.94	71.04 -2.92 -1.03	70.72 -2.93 -0.58	70.44 -2.94 0.00	70.96 -2.96 0.00
NM_CAPITAL__DRP 24208	128.52 2.63 -69.99	114.74 2.58 -57.22	110.84 3.00 -43.96	108.88 2.86 -45.06	112.09 3.39 -36.57	112.54 3.53 -33.94	134.15 3.58 -49.20	151.15 3.04 -75.62	150.05 3.35 -72.28	151.46 4.24 -55.05	107.69 4.50 -3.24	101.57 4.06 -5.15	98.08 4.09 -7.06	94.29 4.07 -3.74	89.30 3.90 -5.79	89.96 3.95 -0.20	101.45 3.87 -9.54	112.60 4.40 -5.83	105.03 4.10 -7.85	100.46 3.38 -18.58	96.47 3.21 -20.34	87.77 3.29 -11.40	76.68 3.30 0.00	77.32 3.40 0.00

NM_CENTRAL___DRP 24181	59.80 -1.12 -5.01	57.77 -1.26 -4.10	65.62 -1.41 -3.15	62.78 -1.40 -3.23	73.09 -1.66 -2.62	75.85 -1.65 -2.43	83.19 -1.71 -3.52	76.46 -1.45 -5.41	77.89 -1.71 -5.18	94.18 -1.94 -3.94	98.08 -2.10 -0.23	90.69 -2.03 -0.37	85.62 -1.83 -0.51	84.86 -1.90 -0.27	78.35 -1.67 -0.41	84.10 -1.72 -0.01	86.87 -1.85 -0.68	100.64 -2.15 -0.42	91.69 -1.95 -0.56	78.19 -1.65 -1.33	72.85 -1.53 -1.46	72.36 -1.53 -0.82	71.84 -1.54 0.00	72.30 -1.63 0.00
NM_FRONTIER___DRP 24179	59.19 -5.48 -8.76	56.50 -5.60 -7.16	63.12 -6.26 -5.50	60.32 -6.28 -5.64	68.99 -7.72 -4.58	71.52 -7.81 -4.25	77.44 -10.09 -6.16	69.55 -10.15 -7.20	70.22 -11.09 -6.88	83.96 -13.46 -5.24	85.87 -14.39 -0.31	78.81 -14.04 -0.50	74.75 -12.87 -0.68	74.31 -12.54 -0.36	68.94 -11.23 -0.56	73.90 -11.93 -0.03	75.48 -13.47 -0.91	86.86 -16.07 -0.56	79.59 -14.24 -0.75	68.43 -11.85 -1.77	64.22 -10.65 -1.94	63.94 -10.30 -1.17	64.65 -8.73 0.00	65.94 -7.98 0.00
NM_ST_REGIS___HYD 24053	55.35 -0.56 0.00	54.72 -0.22 0.00	63.69 -0.19 0.00	61.02 0.06 0.00	72.21 0.07 0.00	74.55 -0.53 0.00	80.88 -0.49 0.00	72.13 -0.36 0.00	73.83 -0.60 0.00	91.07 -1.11 0.00	98.75 -1.20 0.00	91.34 -1.02 0.00	85.72 -1.22 0.00	85.37 -1.12 0.00	78.18 -1.43 0.00	83.83 -1.97 0.00	86.63 -1.41 0.00	100.83 -1.54 0.00	91.78 -1.30 0.00	77.25 -1.26 0.00	71.83 -1.09 0.00	71.90 -1.17 0.00	72.13 -1.25 0.00	73.33 -0.59 0.00
NORTHPORT___1 23551	117.83 5.76 -56.17	106.13 5.27 -45.92	104.58 5.43 -35.27	102.29 5.18 -36.16	107.54 6.06 -29.34	109.14 6.83 -27.23	129.07 8.22 -39.49	140.52 7.40 -60.63	143.23 7.74 -61.06	145.62 9.31 -44.14	112.95 10.39 -2.61	106.56 9.51 -4.69	101.72 9.13 -5.66	98.32 8.83 -3.00	92.61 8.36 -4.64	95.83 9.86 -0.16	119.54 9.77 -21.74	122.36 11.16 -8.83	121.00 10.06 -17.86	112.35 8.64 -25.21	99.35 8.02 -18.40	98.15 8.18 -16.90	81.31 7.93 0.00	81.09 7.17 0.00
NORTHPORT___2 23552	117.83 5.76 -56.17	106.13 5.27 -45.92	104.58 5.43 -35.27	102.29 5.18 -36.16	107.54 6.06 -29.34	109.14 6.83 -27.23	129.07 8.22 -39.49	140.52 7.40 -60.63	143.23 7.74 -61.06	145.62 9.31 -44.14	112.95 10.39 -2.61	106.56 9.51 -4.69	101.72 9.13 -5.66	98.32 8.83 -3.00	92.61 8.36 -4.64	95.83 9.86 -0.16	119.54 9.77 -21.74	122.36 11.16 -8.83	121.00 10.06 -17.86	112.35 8.64 -25.21	99.35 8.02 -18.40	98.15 8.18 -16.90	81.31 7.93 0.00	81.09 7.17 0.00
NORTHPORT___3 23553	116.60 4.53 -56.17	104.92 4.07 -45.92	103.18 4.03 -35.27	100.96 3.84 -36.16	106.02 4.55 -29.34	107.56 5.25 -27.23	127.37 6.51 -39.49	138.92 5.80 -60.63	141.17 5.65 -61.09	142.95 6.64 -44.14	110.95 8.40 -2.61	104.71 7.66 -4.69	99.90 7.30 -5.66	96.49 7.00 -3.00	90.86 6.60 -4.64	93.86 7.89 -0.16	117.72 7.83 -21.85	119.63 8.40 -8.86	119.04 8.01 -17.95	110.71 6.91 -25.29	97.84 6.49 -18.42	96.53 6.50 -16.96	79.69 6.31 0.00	79.32 5.39 0.00
NORTHPORT___4 23650	116.60 4.53 -56.17	104.92 4.07 -45.92	103.18 4.03 -35.27	100.96 3.84 -36.16	106.02 4.55 -29.34	107.56 5.25 -27.23	127.37 6.51 -39.49	138.92 5.80 -60.63	141.17 5.65 -61.09	142.95 6.64 -44.14	110.95 8.40 -2.61	104.71 7.66 -4.69	99.90 7.30 -5.66	96.49 7.00 -3.00	90.86 6.60 -4.64	93.86 7.89 -0.16	117.72 7.83 -21.85	119.63 8.40 -8.86	119.04 8.01 -17.95	110.71 6.91 -25.29	97.84 6.49 -18.42	96.53 6.50 -16.96	79.69 6.31 0.00	79.32 5.39 0.00
NORTHPORT___IC 23718	117.77 5.70 -56.17	106.13 5.27 -45.92	104.58 5.43 -35.27	102.29 5.18 -36.16	107.82 6.35 -29.34	109.36 7.06 -27.23	129.24 8.38 -39.49	140.51 7.39 -60.63	143.23 7.74 -61.06	145.62 9.31 -44.14	113.05 10.49 -2.61	106.92 9.88 -4.69	101.38 8.78 -5.66	98.40 8.91 -3.00	92.61 8.36 -4.64	95.84 9.87 -0.16	119.63 9.86 -21.74	122.57 11.36 -8.83	121.00 10.05 -17.86	112.35 8.64 -25.21	99.43 8.10 -18.40	98.23 8.26 -16.90	81.52 8.15 0.00	81.09 7.17 0.00
NORTH___COUNTRY_ESR 323785	55.57 -0.33 0.00	54.94 0.00 0.00	64.07 0.19 0.00	61.38 0.43 0.00	72.57 0.44 0.00	75.45 0.38 0.00	81.45 0.08 0.00	72.56 0.07 0.00	74.43 0.00 0.00	91.53 -0.64 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.34 -0.60 0.00	85.89 -0.60 0.00	78.74 -0.87 0.00	84.69 -1.12 0.00	87.24 -0.79 0.00	101.45 -0.92 0.00	92.52 -0.56 0.00	77.96 -0.55 0.00	72.42 -0.51 0.00	72.41 -0.66 0.00	72.87 -0.51 0.00	74.07 0.15 0.00
NPX_GEN_1385_PROXY 323591	117.83 5.76 -56.17	106.62 5.77 -45.92	105.16 6.00 -35.27	102.84 5.73 -36.16	107.68 6.20 -29.34	109.29 6.98 -27.23	129.32 8.46 -39.49	140.66 7.54 -60.63	143.23 7.74 -61.06	144.78 8.47 -44.14	112.15 9.60 -2.61	105.82 8.78 -4.69	101.55 8.96 -5.66	98.14 8.65 -3.00	92.61 8.36 -4.64	96.00 10.03 -0.16	119.10 9.33 -21.74	121.75 10.55 -8.83	119.88 8.94 -17.86	111.56 7.85 -25.21	99.06 7.73 -18.40	98.30 8.33 -16.90	81.45 8.07 0.00	81.76 7.83 0.00
NPX_GEN_CSC 323557	118.78 6.71 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.74 8.62 -60.63	144.61 9.08 -61.11	147.37 11.06 -44.14	115.25 12.69 -2.61	108.50 11.45 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	93.96 9.71 -4.64	97.55 11.58 -0.16	121.91 11.97 -21.91	125.18 13.92 -8.89	123.75 12.66 -18.01	114.51 10.67 -25.33	101.20 9.84 -18.43	99.92 9.86 -16.99	82.70 9.32 0.00	82.28 8.35 0.00
NSINS_S___GLNS_FALLS 23858	130.38 2.46 -72.02	117.40 3.57 -58.89	113.27 4.15 -45.24	111.11 3.78 -46.37	114.45 4.69 -37.63	114.95 4.95 -34.92	137.45 5.45 -50.63	155.02 4.71 -77.82	154.38 5.58 -74.38	155.83 7.01 -56.65	110.58 7.30 -3.34	104.22 6.56 -5.30	100.03 5.82 -7.26	96.05 5.71 -3.85	90.90 5.33 -5.96	92.02 6.01 -0.21	104.19 6.34 -9.82	116.05 7.68 -6.00	108.14 6.98 -8.08	103.35 5.73 -19.12	99.25 5.40 -20.93	89.92 5.12 -11.74	78.30 4.92 0.00	78.51 4.58 0.00
NUCOR_STEEL___DRP 24197	62.33 -0.45 -6.87	59.89 -0.66 -5.62	67.49 -0.70 -4.31	64.65 -0.73 -4.42	74.86 -0.87 -3.59	77.66 -0.75 -3.33	85.47 -0.73 -4.83	79.33 -0.58 -7.42	80.63 -0.89 -7.09	96.56 -1.01 -5.40	99.16 -1.10 -0.32	91.75 -1.11 -0.51	86.68 -0.96 -0.69	85.82 -1.04 -0.37	79.38 -0.80 -0.57	85.05 -0.77 -0.02	88.09 -0.88 -0.94	102.02 -0.92 -0.57	93.11 -0.74 -0.77	79.70 -0.63 -1.82	74.27 -0.66 -2.00	73.54 -0.66 -1.12	72.72 -0.66 0.00	73.26 -0.67 0.00
NUMBER_THREE_WT_PWR 323818	57.76 -0.11 -1.96	56.49 -0.05 -1.60	65.37 0.26 -1.23	62.89 0.67 -1.26	74.03 0.87 -1.03	76.85 0.83 -0.95	84.05 1.30 -1.38	76.14 1.52 -2.12	77.64 1.19 -2.03	95.10 1.38 -1.54	101.04 1.00 -0.09	93.52 1.02 -0.14	87.83 0.69 -0.20	87.29 0.69 -0.10	80.80 1.03 -0.16	86.84 1.03 -0.01	89.54 1.23 -0.27	104.27 1.74 -0.16	94.60 1.30 -0.22	80.04 1.02 -0.52	74.30 0.80 -0.57	74.12 0.73 -0.32	74.04 0.66 0.00	74.51 0.59 0.00
NYISO_LBMP_REFERENCE 24008	55.90 0.00 0.00	54.94 0.00 0.00	63.88 0.00 0.00	60.95 0.00 0.00	72.14 0.00 0.00	75.08 0.00 0.00	81.37 0.00 0.00	72.49 0.00 0.00	74.43 0.00 0.00	92.17 0.00 0.00	99.95 0.00 0.00	92.36 0.00 0.00	86.94 0.00 0.00	86.49 0.00 0.00	79.61 0.00 0.00	85.81 0.00 0.00	88.04 0.00 0.00	102.37 0.00 0.00	93.08 0.00 0.00	78.51 0.00 0.00	72.93 0.00 0.00	73.07 0.00 0.00	73.38 0.00 0.00	73.92 0.00 0.00

OAK ORCHARD___HYD 24046	60.53 -2.40 -7.03	58.16 -2.53 -5.75	65.30 -3.00 -4.42	62.44 -3.05 -4.53	72.28 -3.53 -3.67	74.73 -3.75 -3.41	81.92 -4.40 -4.94	76.07 -4.21 -7.78	76.88 -4.99 -7.44	91.85 -5.99 -5.67	93.58 -6.70 -0.33	86.51 -6.37 -0.53	82.02 -5.65 -0.73	81.34 -5.54 -0.38	75.43 -4.77 -0.60	80.33 -5.49 -0.02	83.21 -5.81 -0.98	96.00 -6.96 -0.60	87.65 -6.24 -0.81	75.32 -5.10 -1.91	70.50 -4.52 -2.09	69.93 -4.31 -1.17	68.90 -4.48 0.00	69.79 -4.14 0.00
OAKDALE___35_KV_LOAD 356122	73.50 -0.56 -18.15	69.06 -0.71 -14.84	74.58 -0.70 -11.40	71.85 -0.79 -11.69	80.68 -0.94 -9.48	82.98 -0.90 -8.80	93.15 -0.98 -12.76	90.62 -1.01 -19.14	91.53 -1.19 -18.30	104.73 -1.38 -13.94	99.27 -1.50 -0.82	92.28 -1.39 -1.31	87.42 -1.30 -1.79	86.14 -1.30 -0.95	79.88 -1.19 -1.47	84.91 -0.94 -0.05	89.31 -1.14 -2.42	102.62 -1.23 -1.48	93.95 -1.12 -1.99	82.27 -0.94 -4.70	77.13 -0.95 -5.15	74.95 -1.02 -2.90	72.94 -0.44 0.00	73.63 -0.30 0.00
OCC_CHEM___DRP 24175	59.25 -5.42 -8.77	56.56 -5.55 -7.17	63.19 -6.20 -5.51	60.45 -6.16 -5.65	69.14 -7.57 -4.58	71.60 -7.73 -4.25	77.61 -9.93 -6.17	69.72 -10.00 -7.23	70.33 -11.01 -6.91	84.17 -13.27 -5.27	85.97 -14.29 -0.32	79.00 -13.85 -0.50	74.93 -12.69 -0.68	74.40 -12.46 -0.36	69.10 -11.07 -0.56	73.99 -11.84 -0.03	75.66 -13.29 -0.92	87.07 -15.87 -0.56	79.78 -14.06 -0.76	68.59 -11.70 -1.78	64.38 -10.50 -1.95	64.09 -10.16 -1.17	64.72 -8.66 0.00	66.09 -7.84 0.00
OH_GEN_PROXY 24063	59.55 -5.03 -8.67	56.92 -5.11 -7.09	63.45 -5.88 -5.45	60.63 -5.91 -5.58	69.74 -6.93 -4.53	72.00 -7.28 -4.21	78.52 -8.95 -6.10	70.31 -9.06 -6.88	71.10 -9.90 -6.57	85.11 -12.07 -5.01	87.16 -13.09 -0.30	80.27 -12.56 -0.47	76.11 -11.48 -0.65	75.60 -11.24 -0.35	70.11 -10.03 -0.53	75.10 -10.73 -0.03	77.20 -11.71 -0.87	89.60 -13.31 -0.54	81.23 -12.57 -0.72	69.60 -10.60 -1.69	65.30 -9.48 -1.85	65.14 -9.06 -1.13	65.31 -8.07 0.00	66.83 -7.10 0.00
OLIN_CORP_DRP 24177	58.83 -5.93 -8.85	56.13 -6.04 -7.24	62.67 -6.77 -5.56	59.95 -6.71 -5.70	68.61 -8.15 -4.63	71.11 -8.26 -4.29	77.34 -10.25 -6.22	69.81 -10.22 -7.54	70.47 -11.16 -7.20	84.11 -13.55 -5.49	85.58 -14.69 -0.33	78.65 -14.22 -0.52	74.69 -12.95 -0.71	74.07 -12.80 -0.38	68.89 -11.30 -0.58	73.90 -11.93 -0.03	75.52 -13.47 -0.96	86.88 -16.07 -0.59	79.72 -14.15 -0.79	68.51 -11.85 -1.86	64.31 -10.65 -2.03	63.91 -10.38 -1.21	64.72 -8.66 0.00	66.01 -7.91 0.00
OLIN_CORP_DSASP 323712	59.48 -5.20 -8.77	56.78 -5.33 -7.17	63.19 -6.20 -5.51	60.39 -6.22 -5.65	69.44 -7.28 -4.58	71.60 -7.73 -4.25	77.69 -9.85 -6.17	69.80 -9.93 -7.23	70.47 -10.87 -6.91	84.17 -13.27 -5.27	86.07 -14.19 -0.32	79.19 -13.67 -0.50	75.10 -12.52 -0.68	74.57 -12.28 -0.36	69.18 -10.99 -0.56	74.16 -11.67 -0.03	75.93 -13.03 -0.92	88.19 -14.74 -0.56	80.06 -13.78 -0.76	68.59 -11.70 -1.78	64.45 -10.43 -1.95	64.46 -9.79 -1.17	64.57 -8.81 0.00	66.09 -7.84 0.00
ONEIDA_HERK_LFGE 323681	58.54 0.95 -1.69	57.19 0.88 -1.38	66.15 1.21 -1.06	63.32 1.28 -1.09	74.60 1.58 -0.88	77.54 1.65 -0.82	84.67 2.11 -1.19	76.49 2.17 -1.82	78.18 2.01 -1.74	95.99 2.49 -1.33	102.32 2.30 -0.08	94.69 2.21 -0.12	89.02 1.91 -0.17	88.48 1.90 -0.09	81.74 1.99 -0.14	87.96 2.15 0.00	90.55 2.29 -0.23	105.37 2.86 -0.14	95.60 2.33 -0.19	80.83 1.88 -0.45	75.10 1.68 -0.49	75.03 1.68 -0.28	74.99 1.61 0.00	75.48 1.55 0.00
ONEIDA___115KV_TB4 55905	60.59 1.45 -3.23	58.84 1.26 -2.64	67.57 1.66 -2.03	64.56 1.52 -2.08	75.70 1.88 -1.69	78.67 2.03 -1.57	86.17 2.52 -2.27	78.45 2.46 -3.49	80.07 2.31 -3.34	97.66 2.95 -2.54	102.89 2.80 -0.15	95.27 2.68 -0.24	89.70 2.43 -0.33	89.09 2.42 -0.17	82.35 2.47 -0.27	88.47 2.66 -0.01	91.21 2.73 -0.44	105.91 3.28 -0.27	96.23 2.79 -0.36	81.64 2.28 -0.86	75.91 2.04 -0.94	75.57 1.97 -0.53	75.43 2.05 0.00	75.92 2.00 0.00
ONONDAGA_REF_OCCRA 23987	61.26 -0.84 -6.19	59.07 -0.93 -5.06	66.68 -1.09 -3.89	63.84 -1.10 -3.99	74.07 -1.30 -3.24	76.88 -1.20 -3.00	84.50 -1.22 -4.35	78.10 -1.09 -6.69	79.56 -1.27 -6.40	95.57 -1.47 -4.87	98.63 -1.60 -0.29	91.24 -1.57 -0.46	86.17 -1.39 -0.62	85.35 -1.47 -0.33	78.93 -1.19 -0.51	84.62 -1.20 -0.02	87.56 -1.32 -0.84	101.45 -1.43 -0.52	92.47 -1.30 -0.69	79.05 -1.10 -1.64	73.63 -1.09 -1.80	72.99 -1.10 -1.01	72.35 -1.03 0.00	72.82 -1.11 0.00
ONONDAGA___COGEN 23986	60.92 -0.73 -5.75	58.76 -0.88 -4.70	66.47 -1.02 -3.61	63.62 -1.04 -3.70	73.91 -1.23 -3.00	76.74 -1.13 -2.79	84.19 -1.22 -4.04	77.69 -1.01 -6.21	79.10 -1.27 -5.93	95.31 -1.38 -4.52	98.61 -1.60 -0.27	91.30 -1.48 -0.42	86.22 -1.30 -0.58	85.42 -1.38 -0.31	78.89 -1.19 -0.48	84.62 -1.20 -0.02	87.50 -1.32 -0.78	101.42 -1.43 -0.48	92.42 -1.30 -0.64	78.93 -1.10 -1.53	73.58 -1.02 -1.67	72.99 -1.02 -0.94	72.35 -1.03 0.00	72.82 -1.11 0.00
ONTARIO___LFGE 23819	62.78 -1.40 -8.27	60.11 -1.59 -6.76	67.22 -1.85 -5.20	64.39 -1.89 -5.33	74.36 -2.09 -4.32	77.06 -2.02 -4.01	84.91 -2.28 -5.82	79.24 -2.10 -8.86	80.22 -2.68 -8.47	95.12 -3.50 -6.45	96.53 -3.80 -0.38	88.90 -4.06 -0.60	84.29 -3.48 -0.83	83.56 -3.37 -0.44	77.74 -2.55 -0.68	83.17 -2.66 -0.02	86.07 -3.08 -1.12	100.19 -2.87 -0.68	91.02 -2.98 -0.92	78.48 -2.20 -2.18	73.19 -2.12 -2.38	72.29 -2.12 -1.34	71.55 -1.83 0.00	72.37 -1.56 0.00
ORANGEVILLE_WT_PWR 323706	61.63 -4.81 -10.53	58.66 -4.89 -8.61	65.13 -5.37 -6.62	62.43 -5.30 -6.78	71.65 -5.99 -5.50	74.10 -6.08 -5.11	81.70 -7.08 -7.40	75.18 -7.03 -9.72	76.05 -7.66 -9.29	89.85 -9.40 -7.08	90.47 -9.90 -0.42	83.33 -9.70 -0.67	78.98 -8.87 -0.91	78.41 -8.56 -0.48	72.64 -7.72 -0.75	78.37 -7.47 -0.03	80.64 -8.62 -1.23	94.32 -8.80 -0.75	85.07 -9.03 -1.01	73.28 -7.61 -2.39	68.62 -6.93 -2.62	67.88 -6.72 -1.53	68.17 -5.21 0.00	69.63 -4.29 0.00
ORANGEVILLE___ESR 323794	61.63 -4.81 -10.53	58.66 -4.89 -8.61	65.13 -5.37 -6.62	62.43 -5.30 -6.78	71.65 -5.99 -5.50	74.10 -6.08 -5.11	81.70 -7.08 -7.40	75.18 -7.03 -9.72	76.05 -7.66 -9.29	89.85 -9.40 -7.08	90.47 -9.90 -0.42	83.33 -9.70 -0.67	78.98 -8.87 -0.91	78.41 -8.56 -0.48	72.64 -7.72 -0.75	78.37 -7.47 -0.03	80.64 -8.62 -1.23	94.32 -8.80 -0.75	85.07 -9.03 -1.01	73.28 -7.61 -2.39	68.62 -6.93 -2.62	67.88 -6.72 -1.53	68.17 -5.21 0.00	69.63 -4.29 0.00
OSWEGATCHIE___HYD 24044	56.40 -0.95 -1.45	55.35 -0.77 -1.18	64.09 -0.70 -0.91	61.46 -0.42 -0.93	72.39 -0.50 -0.76	74.95 -0.82 -0.70	81.82 -0.57 -1.02	73.77 -0.29 -1.57	75.32 -0.60 -1.50	92.39 -0.92 -1.14	98.61 -1.40 -0.07	91.36 -1.10 -0.11	85.78 -1.30 -0.15	85.28 -1.30 -0.08	78.62 -1.11 -0.12	84.27 -1.54 0.00	86.74 -1.50 -0.20	100.85 -1.64 -0.12	91.75 -1.49 -0.16	77.56 -1.34 -0.38	72.04 -1.31 -0.42	71.85 -1.46 -0.24	71.91 -1.47 0.00	72.74 -1.19 0.00
OSWEGO___5 23606	58.22 -1.73 -4.05	56.44 -1.81 -3.31	64.38 -2.05 -2.55	61.55 -2.01 -2.61	71.87 -2.38 -2.12	74.56 -2.48 -1.97	81.54 -2.68 -2.85	74.48 -2.39 -4.38	76.08 -2.53 -4.19	92.23 -3.13 -3.19	96.74 -3.40 -0.19	89.51 -3.14 -0.30	84.39 -2.96 -0.41	83.77 -2.94 -0.22	77.32 -2.63 -0.34	82.99 -2.83 -0.01	85.69 -2.90 -0.55	99.33 -3.38 -0.34	90.47 -3.07 -0.45	76.99 -2.59 -1.08	71.70 -2.40 -1.18	71.32 -2.41 -0.66	70.96 -2.42 0.00	71.49 -2.44 0.00

OSWEGO___6 23613	58.22 -1.73 -4.05	56.44 -1.81 -3.31	64.38 -2.05 -2.55	61.55 -2.01 -2.61	71.87 -2.38 -2.12	74.56 -2.48 -1.97	81.54 -2.68 -2.85	74.48 -2.39 -4.38	76.08 -2.53 -4.19	92.23 -3.13 -3.19	96.74 -3.40 -0.19	89.51 -3.14 -0.30	84.39 -2.96 -0.41	83.77 -2.94 -0.22	77.32 -2.63 -0.34	82.99 -2.83 -0.01	85.69 -2.90 -0.55	99.33 -3.38 -0.34	90.47 -3.07 -0.45	76.99 -2.59 -1.08	71.70 -2.40 -1.18	71.32 -2.41 -0.66	70.96 -2.42 0.00	71.49 -2.44 0.00
OUTOKUMPU-AB___DRP 24206	60.02 -4.81 -8.92	57.23 -5.00 -7.30	63.99 -5.49 -5.60	61.15 -5.55 -5.74	70.02 -6.78 -4.66	72.65 -6.76 -4.33	79.02 -8.63 -6.27	71.53 -8.63 -7.66	72.00 -9.75 -7.32	85.86 -11.89 -5.58	87.49 -12.79 -0.33	80.42 -12.47 -0.53	76.36 -11.30 -0.72	75.89 -10.98 -0.38	70.41 -9.79 -0.59	75.62 -10.21 -0.03	77.30 -11.71 -0.97	89.04 -13.92 -0.60	81.69 -12.19 -0.80	70.50 -9.89 -1.89	66.10 -8.90 -2.06	65.53 -8.77 -1.23	66.48 -6.90 0.00	67.86 -6.06 0.00
OXBOW___BTM 323836	59.94 -4.81 -8.85	57.23 -4.94 -7.23	63.69 -5.75 -5.56	60.86 -5.79 -5.70	70.05 -6.71 -4.62	72.23 -7.13 -4.29	78.40 -9.20 -6.22	70.66 -9.28 -7.45	71.43 -10.12 -7.12	85.25 -12.35 -5.43	87.08 -13.19 -0.33	80.12 -12.75 -0.51	75.99 -11.65 -0.70	75.54 -11.33 -0.37	70.00 -10.19 -0.58	75.19 -10.64 -0.03	77.01 -11.97 -0.94	89.64 -13.31 -0.58	81.20 -12.66 -0.78	69.66 -10.68 -1.83	65.39 -9.55 -2.01	65.29 -8.99 -1.20	65.53 -7.85 0.00	67.12 -6.80 0.00
OXBOW____ 24026	59.72 -5.03 -8.85	56.95 -5.22 -7.23	63.69 -5.75 -5.56	60.86 -5.79 -5.70	69.69 -7.07 -4.62	72.23 -7.13 -4.29	78.40 -9.19 -6.22	70.74 -9.21 -7.45	71.28 -10.27 -7.12	85.15 -12.44 -5.43	86.98 -13.29 -0.33	79.85 -13.02 -0.51	75.82 -11.82 -0.70	75.28 -11.59 -0.37	69.92 -10.27 -0.58	74.93 -10.90 -0.03	76.66 -12.33 -0.94	88.21 -14.74 -0.58	80.92 -12.94 -0.78	69.66 -10.68 -1.83	65.38 -9.55 -2.01	64.92 -9.35 -1.20	65.75 -7.63 0.00	67.12 -6.80 0.00
OXY_CHEM_DSASP 323612	59.25 -5.42 -8.77	56.56 -5.55 -7.17	63.19 -6.20 -5.51	60.45 -6.16 -5.65	69.14 -7.57 -4.58	71.60 -7.73 -4.25	77.61 -9.93 -6.17	69.72 -10.00 -7.23	70.33 -11.01 -6.91	84.17 -13.27 -5.27	85.97 -14.29 -0.32	79.00 -13.85 -0.50	74.93 -12.69 -0.68	74.40 -12.46 -0.36	69.10 -11.07 -0.56	73.99 -11.84 -0.03	75.66 -13.29 -0.92	87.07 -15.87 -0.56	79.78 -14.06 -0.76	68.59 -11.70 -1.78	64.38 -10.50 -1.95	64.09 -10.16 -1.17	64.72 -8.66 0.00	66.09 -7.84 0.00
OZONE_PARK_ESR 323760	116.97 4.92 -56.15	105.46 4.61 -45.91	104.13 4.98 -35.27	101.86 4.75 -36.15	106.95 5.48 -29.34	108.23 5.93 -27.23	127.84 7.00 -39.47	139.33 6.23 -60.61	139.05 6.70 -57.93	144.77 8.48 -44.12	111.44 8.90 -2.60	104.80 8.31 -4.13	100.33 7.74 -5.66	97.10 7.61 -2.99	91.58 7.32 -4.64	94.12 8.15 -0.16	103.96 9.52 -7.65	116.56 8.56 -4.67	107.93 7.30 -6.29	100.69 7.30 -14.89	95.94 6.71 -16.30	89.08 6.87 -9.14	80.06 6.68 0.00	80.13 6.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	59.25 -5.42 -8.77	56.56 -5.55 -7.17	63.19 -6.20 -5.51	60.45 -6.16 -5.65	69.14 -7.57 -4.58	71.60 -7.73 -4.25	77.61 -9.93 -6.17	69.72 -10.00 -7.23	70.33 -11.01 -6.91	84.17 -13.27 -5.27	85.97 -14.29 -0.32	79.00 -13.85 -0.50	74.93 -12.69 -0.68	74.40 -12.46 -0.36	69.10 -11.07 -0.56	73.99 -11.84 -0.03	75.66 -13.29 -0.92	87.07 -15.87 -0.56	79.78 -14.06 -0.76	68.59 -11.70 -1.78	64.38 -10.50 -1.95	64.09 -10.16 -1.17	64.72 -8.66 0.00	66.09 -7.84 0.00
PACKARD__115KV_DUPONT_184 80571	59.25 -5.42 -8.77	56.56 -5.55 -7.17	63.19 -6.20 -5.51	60.45 -6.16 -5.65	69.14 -7.57 -4.58	71.60 -7.73 -4.25	77.61 -9.93 -6.17	69.72 -10.00 -7.23	70.33 -11.01 -6.91	84.17 -13.27 -5.27	85.97 -14.29 -0.32	79.00 -13.85 -0.50	74.93 -12.69 -0.68	74.40 -12.46 -0.36	69.10 -11.07 -0.56	73.99 -11.84 -0.03	75.66 -13.29 -0.92	87.07 -15.87 -0.56	79.78 -14.06 -0.76	68.59 -11.70 -1.78	64.38 -10.50 -1.95	64.09 -10.16 -1.17	64.72 -8.66 0.00	66.09 -7.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	116.70 4.64 -56.16	105.14 4.29 -45.92	103.95 4.79 -35.28	101.69 4.57 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.44 6.59 -39.48	138.84 5.73 -60.62	138.39 6.03 -57.94	143.95 7.65 -44.13	110.64 8.10 -2.60	103.98 7.48 -4.14	99.56 6.96 -5.67	96.42 6.92 -3.00	90.87 6.61 -4.65	93.44 7.47 -0.17	103.17 7.48 -7.65	115.65 8.60 -4.68	107.20 7.82 -6.30	100.00 6.59 -14.90	95.29 6.05 -16.31	88.44 6.21 -9.15	79.40 6.02 -0.01	79.70 5.77 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	117.32 5.25 -56.16	105.80 4.94 -45.92	104.65 5.49 -35.28	102.36 5.24 -36.16	107.61 6.13 -29.35	108.84 6.53 -27.24	128.18 7.32 -39.48	139.49 6.38 -60.62	139.14 6.77 -57.94	144.78 8.48 -44.13	111.54 9.00 -2.60	104.71 8.22 -4.14	100.26 7.65 -5.67	97.11 7.61 -3.00	91.50 7.24 -4.65	94.13 8.15 -0.17	103.88 8.19 -7.65	116.47 9.42 -4.68	107.94 8.56 -6.30	100.70 7.30 -14.90	95.95 6.71 -16.31	89.09 6.87 -9.15	80.07 6.68 -0.01	80.44 6.51 -0.01
PATROON__115KV_TB1 80586	128.99 2.68 -70.40	115.08 2.58 -57.56	111.17 3.07 -44.22	109.15 2.86 -45.33	112.31 3.39 -36.78	112.82 3.60 -34.14	134.61 3.74 -49.49	151.68 3.12 -76.07	150.56 3.42 -72.71	151.97 4.42 -55.38	107.91 4.70 -3.26	101.88 4.34 -5.18	98.21 4.17 -7.10	94.49 4.24 -3.76	89.42 3.98 -5.83	89.96 3.95 -0.20	101.51 3.87 -9.60	112.74 4.50 -5.86	105.16 4.19 -7.90	100.65 3.45 -18.69	96.67 3.28 -20.46	87.83 3.29 -11.47	76.68 3.30 0.00	77.40 3.47 0.00
PATTRSNVILLE__SOLAR 323815	132.34 2.40 -74.03	117.88 2.41 -60.53	113.26 2.88 -46.50	111.24 2.62 -47.67	114.06 3.25 -38.68	114.35 3.38 -35.90	137.16 3.75 -52.04	155.70 3.27 -79.94	154.41 3.57 -76.41	154.61 4.24 -58.19	107.67 4.29 -3.43	101.59 3.79 -5.45	97.79 3.39 -7.46	93.91 3.46 -3.95	89.00 3.27 -6.12	89.97 3.95 -0.22	102.35 4.23 -10.08	113.75 5.22 -6.16	106.03 4.65 -8.30	101.99 3.85 -19.64	98.07 3.64 -21.50	88.64 3.51 -12.06	76.83 3.45 0.00	77.10 3.18 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	60.06 -5.59 -9.75	57.09 -5.82 -7.97	63.62 -6.39 -6.12	60.89 -6.34 -6.28	69.66 -7.57 -5.09	72.22 -7.58 -4.73	79.11 -9.11 -6.85	72.17 -8.92 -8.59	73.19 -9.45 -8.21	86.82 -11.61 -6.26	87.83 -12.49 -0.37	81.31 -11.64 -0.59	76.88 -10.87 -0.81	76.46 -10.47 -0.43	70.64 -9.63 -0.66	76.65 -9.18 -0.03	78.47 -10.65 -1.09	90.85 -12.18 -0.67	82.99 -10.98 -0.90	71.44 -9.19 -2.11	66.49 -8.75 -2.31	65.38 -9.06 -1.37	68.10 -5.28 0.00	69.78 -4.14 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	117.21 4.70 -56.61	105.57 4.34 -46.29	104.36 4.92 -35.56	102.10 4.69 -36.45	107.12 5.41 -29.58	108.31 5.78 -27.45	127.84 6.67 -39.80	139.62 6.02 -61.11	139.46 6.62 -58.41	144.95 8.30 -44.48	111.46 8.90 -2.62	104.56 8.03 -4.16	100.03 7.39 -5.70	96.86 7.35 -3.02	91.22 6.93 -4.68	93.86 7.89 -0.16	103.76 8.01 -7.71	116.60 9.52 -4.71	107.89 8.47 -6.34	100.58 7.07 -15.01	95.93 6.56 -16.43	88.87 6.58 -9.22	79.62 6.24 0.00	79.76 5.84 0.00
PEEKSKILL____ 23653	115.15 3.69 -55.56	103.77 3.41 -45.43	102.55 3.77 -34.90	100.32 3.60 -35.77	105.27 4.11 -29.03	106.52 4.50 -26.94	125.56 5.13 -39.06	137.17 4.71 -59.97	136.88 5.13 -57.32	142.28 6.45 -43.66	109.32 6.80 -2.57	102.63 6.19 -4.09	98.36 5.83 -5.60	95.16 5.71 -2.96	89.69 5.49 -4.59	92.15 6.18 -0.16	101.85 6.25 -7.56	114.05 7.06 -4.62	105.82 6.51 -6.23	98.81 5.57 -14.73	94.16 5.10 -16.13	87.23 5.11 -9.05	78.44 5.06 0.00	78.58 4.66 0.00

PGE MADISON___WINDPWR 24146	77.31 3.91 -17.49	72.81 3.57 -14.30	79.40 4.54 -10.99	76.24 4.02 -11.26	86.18 4.91 -9.14	88.89 5.33 -8.48	100.67 7.00 -12.30	97.88 6.74 -18.65	98.57 6.32 -17.82	113.86 8.11 -13.58	108.64 7.89 -0.80	101.11 7.48 -1.27	95.47 6.79 -1.74	93.99 6.57 -0.92	87.80 6.76 -1.43	93.41 7.55 -0.05	98.40 8.01 -2.35	114.45 10.65 -1.44	103.86 8.85 -1.94	90.39 7.30 -4.58	84.51 6.57 -5.02	82.47 6.58 -2.82	80.28 6.90 0.00	80.87 6.95 0.00
PIERCEFIELD___HYD 23852	55.01 -0.89 0.00	54.33 -0.60 0.00	63.24 -0.64 0.00	60.53 -0.43 0.00	71.63 -0.50 0.00	73.95 -1.13 0.00	80.23 -1.14 0.00	71.55 -0.94 0.00	73.31 -1.12 0.00	90.42 -1.75 0.00	98.05 -1.90 0.00	90.69 -1.66 0.00	85.11 -1.83 0.00	84.76 -1.73 0.00	77.70 -1.91 0.00	83.32 -2.49 0.00	85.92 -2.11 0.00	100.02 -2.35 0.00	90.94 -2.14 0.00	76.62 -1.88 0.00	71.18 -1.75 0.00	71.32 -1.75 0.00	71.62 -1.76 0.00	72.74 -1.18 0.00
PINELAWN_CC_1 323563	117.78 5.71 -56.17	106.02 5.16 -45.92	104.45 5.30 -35.27	102.11 5.00 -36.16	107.39 5.92 -29.34	108.99 6.68 -27.23	129.07 8.22 -39.49	140.44 7.32 -60.63	143.53 7.67 -61.43	145.62 9.31 -44.14	112.95 10.39 -2.61	106.61 9.51 -4.74	101.55 8.96 -5.66	98.22 8.73 -3.00	92.45 8.20 -4.64	95.66 9.69 -0.16	120.95 9.77 -23.14	122.78 11.16 -9.25	122.24 10.15 -19.02	113.38 8.64 -26.24	99.56 8.02 -18.61	98.78 8.04 -17.67	81.23 7.86 0.00	80.87 6.95 0.00
PJM_GEN_HTP_PROXY 323702	116.57 4.53 -56.14	105.07 4.23 -45.91	103.75 4.60 -35.27	101.43 4.33 -36.15	106.52 5.05 -29.33	107.86 5.56 -27.22	127.19 6.35 -39.47	138.96 5.87 -60.60	138.67 6.32 -57.92	144.30 8.02 -44.12	110.84 8.29 -2.60	104.15 7.66 -4.13	99.81 7.21 -5.66	96.58 7.09 -2.99	91.17 6.92 -4.64	93.78 7.81 -0.16	103.25 7.57 -7.64	115.53 8.49 -4.67	107.19 7.82 -6.29	100.06 6.67 -14.89	95.28 6.05 -16.30	88.35 6.14 -9.14	79.47 6.09 0.00	79.39 5.47 0.00
PJM_GEN_KEystone 24065	50.96 -0.50 4.44	50.36 -0.66 3.92	50.41 -0.83 12.64	49.84 -0.91 10.20	48.60 -1.16 22.38	50.18 -1.05 23.84	63.69 -1.31 16.38	78.40 -1.45 -7.36	68.53 -1.57 4.33	62.59 -1.84 27.74	59.95 -2.00 38.00	57.99 -2.03 32.33	56.39 -1.83 28.72	57.42 -1.82 27.25	59.56 -1.43 18.62	62.50 -1.03 22.28	69.17 -1.58 17.28	84.10 -1.22 17.05	71.70 -1.67 19.71	68.60 -1.41 8.49	64.90 -1.31 6.72	60.80 -1.31 10.96	57.26 -0.51 15.61	51.42 -0.29 22.21
PJM_GEN_NEPTUNE_PROXY 323594	116.82 4.75 -56.17	105.19 4.34 -45.92	103.56 4.40 -35.27	101.32 4.20 -36.16	106.38 4.91 -29.34	107.94 5.63 -27.23	127.69 6.84 -39.49	139.21 6.09 -60.63	141.63 6.32 -60.89	144.14 7.83 -44.14	111.15 8.60 -2.61	104.83 7.85 -4.63	100.16 7.56 -5.66	96.75 7.27 -3.00	91.10 6.85 -4.64	94.12 8.16 -0.16	116.06 7.93 -20.10	119.62 8.90 -8.35	117.79 8.19 -16.52	109.59 7.07 -24.02	97.66 6.57 -18.16	95.72 6.65 -16.00	79.91 6.53 0.00	79.62 5.69 0.00
PJM_GEN_VFT_PROXY 323633	64.96 4.03 -5.02	65.01 3.79 -6.29	64.93 4.03 2.97	65.02 3.84 -0.22	64.85 4.40 11.69	64.89 4.88 15.06	64.75 5.61 22.23	70.86 5.07 6.70	69.81 5.51 10.12	74.14 7.10 25.13	69.12 7.29 38.12	65.70 6.74 33.39	64.70 6.34 28.58	64.71 6.23 28.02	69.77 6.05 15.89	68.69 6.87 23.99	65.59 6.78 29.23	73.92 7.47 35.92	69.54 7.07 30.61	64.70 6.05 19.85	64.77 5.54 13.70	64.84 5.63 13.86	64.68 5.57 14.27	64.76 5.03 14.19
PLATSBURG_115KV_PMLD1 355749	56.35 0.45 0.00	55.71 0.77 0.00	65.03 1.15 0.00	62.30 1.34 0.00	73.79 1.66 0.00	76.50 1.43 0.00	82.27 0.90 0.00	73.22 0.72 0.00	75.10 0.67 0.00	91.80 -0.37 0.00	99.75 -0.20 0.00	92.17 -0.18 0.00	86.59 -0.35 0.00	86.23 -0.26 0.00	78.89 -0.72 0.00	84.86 -0.94 0.00	87.60 -0.44 0.00	102.06 -0.31 0.00	92.99 -0.09 0.00	78.27 -0.24 0.00	72.71 -0.22 0.00	72.78 -0.29 0.00	73.38 0.00 0.00	75.11 1.18 0.00
PLEASANTVLY___LBMP 24000	118.31 3.58 -58.83	106.39 3.35 -48.10	104.54 3.71 -36.95	102.43 3.60 -37.88	106.98 4.11 -30.74	108.11 4.50 -28.53	127.85 5.13 -41.35	140.56 4.57 -63.50	140.03 4.91 -60.70	144.58 6.18 -46.23	109.17 6.50 -2.73	102.69 6.00 -4.33	98.43 5.56 -5.93	95.17 5.54 -3.14	89.73 5.25 -4.86	91.90 5.92 -0.17	102.03 5.99 -8.01	114.12 6.86 -4.90	105.91 6.24 -6.59	99.37 5.26 -15.60	94.82 4.81 -17.08	87.55 4.90 -9.58	78.15 4.77 0.00	78.43 4.51 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	116.46 4.03 -56.53	104.90 3.74 -46.22	103.48 4.09 -35.51	101.32 3.96 -36.40	106.22 4.54 -29.54	107.44 4.95 -27.41	126.89 5.78 -39.74	138.66 5.15 -61.02	138.33 5.58 -58.32	143.60 7.01 -44.42	109.96 7.40 -2.62	103.35 6.83 -4.16	98.98 6.35 -5.70	95.82 6.31 -3.02	90.33 6.05 -4.67	92.66 6.69 -0.16	102.51 6.78 -7.70	114.96 7.88 -4.70	106.49 7.07 -6.33	99.54 6.04 -14.99	94.88 5.54 -16.41	87.91 5.63 -9.20	78.81 5.43 0.00	78.95 5.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	116.46 4.03 -56.53	104.90 3.74 -46.22	103.48 4.09 -35.51	101.32 3.96 -36.40	106.22 4.54 -29.54	107.44 4.95 -27.41	126.89 5.78 -39.74	138.66 5.15 -61.02	138.33 5.58 -58.32	143.60 7.01 -44.42	109.96 7.40 -2.62	103.35 6.83 -4.16	98.98 6.35 -5.70	95.82 6.31 -3.02	90.33 6.05 -4.67	92.66 6.69 -0.16	102.51 6.78 -7.70	114.96 7.88 -4.70	106.49 7.07 -6.33	99.54 6.04 -14.99	94.88 5.54 -16.41	87.91 5.63 -9.20	78.81 5.43 0.00	78.95 5.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	117.42 4.30 -57.22	105.68 3.96 -46.78	104.35 4.54 -35.94	102.12 4.33 -36.84	107.01 4.98 -29.89	108.30 5.48 -27.74	127.70 6.10 -40.22	139.69 5.44 -61.76	139.34 5.88 -59.03	144.42 7.28 -44.96	110.19 7.60 -2.65	103.49 6.93 -4.21	99.14 6.43 -5.76	95.95 6.40 -3.05	90.47 6.13 -4.73	93.01 7.04 -0.17	102.96 7.13 -7.79	115.53 8.39 -4.76	106.94 7.45 -6.41	100.11 6.44 -15.17	95.37 5.83 -16.61	88.16 5.77 -9.32	79.03 5.65 0.00	79.25 5.32 0.00
POLETTI___ 23519	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.63 5.33 -27.23	127.11 6.27 -39.47	138.68 5.58 -60.61	138.38 6.03 -57.93	143.94 7.65 -44.12	110.44 7.90 -2.60	103.88 7.39 -4.13	99.47 6.87 -5.66	96.32 6.83 -2.99	90.86 6.61 -4.64	93.35 7.38 -0.16	103.08 7.40 -7.65	115.44 8.39 -4.67	106.91 7.54 -6.29	99.91 6.52 -14.89	95.21 5.98 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.54 5.62 0.00
POMONA___ESR 323819	113.25 3.30 -54.05	102.20 3.07 -44.19	101.15 3.32 -33.95	98.98 3.23 -34.80	103.98 3.61 -28.24	105.33 4.05 -26.21	124.00 4.64 -37.99	135.10 4.28 -58.33	134.87 4.69 -55.75	140.54 5.90 -42.46	108.55 6.10 -2.50	101.87 5.54 -3.98	97.60 5.22 -5.44	94.48 5.10 -2.88	89.10 5.02 -4.47	91.62 5.66 -0.16	101.03 5.64 -7.36	113.32 6.45 -4.50	105.10 5.96 -6.06	97.93 5.10 -14.33	93.29 4.67 -15.69	86.48 4.61 -8.80	77.93 4.55 0.00	78.06 4.14 0.00
PORT_JEFF_3 23555	118.33 6.26 -56.17	106.52 5.66 -45.92	104.91 5.75 -35.27	102.60 5.49 -36.16	107.97 6.49 -29.34	109.67 7.36 -27.23	129.81 8.95 -39.49	141.16 8.05 -60.63	144.02 8.48 -61.11	146.63 10.32 -44.14	114.34 11.79 -2.61	107.76 10.71 -4.69	102.68 10.08 -5.66	99.26 9.77 -3.00	93.40 9.15 -4.64	96.87 10.90 -0.16	121.04 11.09 -21.91	123.96 12.69 -8.90	122.64 11.54 -18.02	113.65 9.81 -25.34	100.47 9.11 -18.43	99.20 9.13 -16.99	82.11 8.73 0.00	81.68 7.76 0.00

PORT_JEFF_4 23616	118.33 6.26 -56.17	106.52 5.66 -45.92	104.91 5.75 -35.27	102.60 5.49 -36.16	107.97 6.49 -29.34	109.67 7.36 -27.23	129.81 8.95 -39.49	141.16 8.05 -60.63	144.02 8.48 -61.11	146.63 10.32 -44.14	114.34 11.79 -2.61	107.76 10.71 -4.69	102.68 10.08 -5.66	99.26 9.77 -3.00	93.40 9.15 -4.64	96.87 10.90 -0.16	121.04 11.09 -21.91	123.96 12.69 -8.90	122.64 11.54 -18.02	113.65 9.81 -25.34	100.47 9.11 -18.43	99.20 9.13 -16.99	82.11 8.73 0.00	81.68 7.76 0.00
PORT_JEFF_IC 23713	118.39 6.32 -56.17	106.51 5.66 -45.92	104.90 5.75 -35.27	102.60 5.49 -36.16	108.26 6.78 -29.34	109.89 7.58 -27.23	129.97 9.11 -39.49	141.24 8.12 -60.63	144.10 8.56 -61.12	146.63 10.32 -44.14	114.45 11.89 -2.61	108.13 11.08 -4.69	102.42 9.82 -5.66	99.35 9.86 -3.00	93.49 9.23 -4.64	96.87 10.90 -0.16	121.26 11.27 -21.95	124.28 13.00 -8.91	122.86 11.73 -18.05	113.84 9.97 -25.37	100.55 9.19 -18.43	99.37 9.28 -17.01	82.33 8.95 0.00	81.76 7.84 0.00
PPL_PILGRIM_ST_GT1 24216	118.39 6.32 -56.17	106.57 5.71 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.11 6.63 -29.34	109.81 7.51 -27.23	129.89 9.03 -39.49	141.24 8.12 -60.63	144.14 8.56 -61.16	146.63 10.32 -44.14	114.34 11.79 -2.61	107.76 10.71 -4.70	102.77 10.17 -5.66	99.35 9.86 -3.00	93.48 9.23 -4.64	96.87 10.90 -0.16	121.15 11.00 -22.10	123.90 12.59 -8.94	122.69 11.45 -18.17	113.72 9.73 -25.48	100.43 9.04 -18.46	99.23 9.06 -17.10	82.11 8.73 0.00	81.84 7.91 0.00
PPL_PILGRIM_ST_GT2 24217	118.39 6.32 -56.17	106.57 5.71 -45.92	105.03 5.87 -35.27	102.72 5.60 -36.16	108.11 6.63 -29.34	109.81 7.51 -27.23	129.89 9.03 -39.49	141.24 8.12 -60.63	144.14 8.56 -61.16	146.63 10.32 -44.14	114.34 11.79 -2.61	107.76 10.71 -4.70	102.77 10.17 -5.66	99.35 9.86 -3.00	93.48 9.23 -4.64	96.87 10.90 -0.16	121.15 11.00 -22.10	123.90 12.59 -8.94	122.69 11.45 -18.17	113.72 9.73 -25.48	100.43 9.04 -18.46	99.23 9.06 -17.10	82.11 8.73 0.00	81.84 7.91 0.00
PPL_SHRM_GT3 24213	118.83 6.76 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.74 8.62 -60.63	144.61 9.08 -61.11	147.37 11.06 -44.14	115.25 12.69 -2.61	108.50 11.45 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	93.96 9.71 -4.64	97.55 11.58 -0.16	121.93 11.97 -21.93	125.19 13.92 -8.90	123.77 12.66 -18.03	114.61 10.76 -25.35	101.28 9.92 -18.43	99.93 9.86 -17.00	82.70 9.32 0.00	82.28 8.35 0.00
PPL_SHRM_GT4 24214	118.83 6.76 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.74 8.62 -60.63	144.61 9.08 -61.11	147.37 11.06 -44.14	115.25 12.69 -2.61	108.50 11.45 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	93.96 9.71 -4.64	97.55 11.58 -0.16	121.93 11.97 -21.93	125.19 13.92 -8.90	123.77 12.66 -18.03	114.61 10.76 -25.35	101.28 9.92 -18.43	99.93 9.86 -17.00	82.70 9.32 0.00	82.28 8.35 0.00
PROJECT___ORANGE 1 24174	59.87 -1.12 -5.08	57.88 -1.21 -4.15	65.73 -1.34 -3.19	62.82 -1.40 -3.27	73.13 -1.66 -2.65	75.96 -1.58 -2.46	83.23 -1.71 -3.57	76.53 -1.45 -5.49	78.04 -1.64 -5.25	94.23 -1.94 -4.00	98.08 -2.10 -0.24	90.70 -2.03 -0.37	85.63 -1.83 -0.51	84.95 -1.82 -0.27	78.44 -1.59 -0.42	84.19 -1.63 -0.01	86.88 -1.85 -0.69	100.75 -2.05 -0.42	91.79 -1.86 -0.57	78.28 -1.57 -1.35	72.87 -1.53 -1.48	72.37 -1.53 -0.83	71.91 -1.47 0.00	72.37 -1.55 0.00
PROJECT___ORANGE 2 24166	59.87 -1.12 -5.08	57.88 -1.21 -4.15	65.73 -1.34 -3.19	62.82 -1.40 -3.27	73.13 -1.66 -2.65	75.96 -1.58 -2.46	83.23 -1.71 -3.57	76.53 -1.45 -5.49	78.04 -1.64 -5.25	94.23 -1.94 -4.00	98.08 -2.10 -0.24	90.70 -2.03 -0.37	85.63 -1.83 -0.51	84.95 -1.82 -0.27	78.44 -1.59 -0.42	84.19 -1.63 -0.01	86.88 -1.85 -0.69	100.75 -2.05 -0.42	91.79 -1.86 -0.57	78.28 -1.57 -1.35	72.87 -1.53 -1.48	72.37 -1.53 -0.83	71.91 -1.47 0.00	72.37 -1.55 0.00
PUCKETT___SOLAR 323809	75.38 0.72 -18.75	70.76 0.49 -15.33	76.36 0.70 -11.78	73.58 0.55 -12.07	82.65 0.72 -9.80	85.00 0.83 -9.09	95.69 1.14 -13.18	93.37 1.01 -19.86	94.16 0.74 -18.99	107.65 1.02 -14.46	101.80 1.00 -0.85	94.54 0.83 -1.35	89.58 0.78 -1.86	88.16 0.69 -0.98	81.93 0.80 -1.52	87.15 1.29 -0.05	91.78 1.23 -2.51	106.06 2.15 -1.53	96.54 1.40 -2.06	84.57 1.18 -4.88	79.22 0.95 -5.34	77.03 0.95 -3.01	74.70 1.32 0.00	75.40 1.48 0.00
PYRITES___HYD 24023	56.24 0.34 0.00	55.54 0.60 0.00	64.65 0.77 0.00	61.87 0.91 0.00	73.29 1.15 0.00	75.75 0.68 0.00	82.35 0.98 0.00	73.43 0.94 0.00	75.17 0.74 0.00	92.73 0.55 0.00	100.35 0.40 0.00	92.82 0.46 0.00	87.11 0.17 0.00	86.67 0.17 0.00	79.61 0.00 0.00	85.38 -0.43 0.00	88.30 0.26 0.00	102.88 0.51 0.00	93.55 0.47 0.00	78.66 0.16 0.00	73.07 0.15 0.00	73.15 0.07 0.00	73.45 0.07 0.00	74.52 0.59 0.00
QUAKERRD_115KV_BK1 80622	59.42 -3.24 -6.75	57.11 -3.35 -5.52	64.29 -3.83 -4.24	61.52 -3.78 -4.35	71.12 -4.54 -3.53	73.70 -4.65 -3.28	80.83 -5.29 -4.75	75.19 -4.86 -7.56	76.14 -5.51 -7.22	90.95 -6.73 -5.50	92.97 -7.30 -0.32	85.76 -7.11 -0.51	81.30 -6.35 -0.70	80.64 -6.23 -0.37	74.77 -5.41 -0.58	79.82 -6.01 -0.02	82.47 -6.51 -0.95	95.17 -7.78 -0.58	86.98 -6.89 -0.78	74.71 -5.65 -1.86	69.78 -5.18 -2.03	69.09 -5.12 -1.13	68.32 -5.06 0.00	68.97 -4.95 0.00
QUEENSBRY_115KV_TB8 356137	130.32 2.35 -72.06	117.43 3.57 -58.92	113.30 4.15 -45.27	111.13 3.78 -46.40	114.48 4.69 -37.65	114.97 4.95 -34.94	137.56 5.53 -50.66	155.14 4.78 -77.86	154.50 5.66 -74.42	155.95 7.10 -56.68	110.78 7.50 -3.34	104.31 6.65 -5.31	100.12 5.91 -7.27	96.14 5.80 -3.85	90.99 5.41 -5.96	92.11 6.09 -0.21	104.29 6.43 -9.82	116.26 7.88 -6.00	108.24 7.07 -8.08	103.44 5.81 -19.13	99.34 5.47 -20.94	89.93 5.12 -11.74	78.30 4.92 0.00	78.51 4.58 0.00
RAMAPO___LBMP 323565	112.95 3.19 -53.86	101.94 2.97 -44.04	100.90 3.19 -33.83	98.74 3.11 -34.68	103.81 3.53 -28.14	105.10 3.90 -26.12	123.79 4.56 -37.86	134.76 4.13 -58.13	134.53 4.54 -55.56	140.11 5.62 -42.32	108.34 5.90 -2.49	101.77 5.45 -3.96	97.41 5.04 -5.43	94.38 5.02 -2.87	88.84 4.78 -4.45	91.37 5.41 -0.16	100.92 5.55 -7.33	113.20 6.35 -4.48	104.79 5.68 -6.03	97.65 4.87 -14.28	93.01 4.45 -15.63	86.37 4.53 -8.77	77.71 4.33 0.00	77.92 3.99 0.00
RANKINE____ 23646	60.42 -4.98 -9.49	57.53 -5.16 -7.76	64.22 -5.62 -5.96	61.46 -5.61 -6.11	70.31 -6.78 -4.96	72.99 -6.68 -4.60	79.82 -8.22 -6.67	72.55 -8.19 -8.25	73.31 -9.01 -7.89	87.30 -10.88 -6.01	88.61 -11.69 -0.36	81.66 -11.27 -0.57	77.46 -10.26 -0.77	76.87 -10.03 -0.41	71.25 -9.00 -0.64	76.74 -9.10 -0.03	78.61 -10.48 -1.05	90.73 -12.28 -0.64	83.14 -10.80 -0.86	71.43 -9.11 -2.03	66.84 -8.31 -2.22	66.06 -8.33 -1.32	67.51 -5.87 0.00	68.97 -4.95 0.00
RAVENSWOOD_GT2_1 24244	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.38 4.27 -36.15	106.38 4.91 -29.34	107.71 5.41 -27.23	127.11 6.27 -39.47	138.76 5.65 -60.61	138.46 6.10 -57.93	143.95 7.65 -44.12	110.54 8.00 -2.60	103.97 7.48 -4.13	99.55 6.96 -5.66	96.41 6.92 -3.00	90.86 6.61 -4.64	93.35 7.38 -0.16	103.17 7.48 -7.65	115.54 8.50 -4.67	107.10 7.73 -6.29	99.99 6.59 -14.89	95.28 6.05 -16.30	88.35 6.14 -9.14	79.32 5.94 0.00	79.47 5.54 0.00

RAVENSWOOD_GT2_2 24245	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.38 4.27 -36.15	106.38 4.91 -29.34	107.71 5.41 -27.23	127.11 6.27 -39.47	138.76 5.65 -60.61	138.46 6.10 -57.93	143.95 7.65 -44.12	110.54 8.00 -2.60	103.97 7.48 -4.13	99.55 6.96 -5.66	96.41 6.92 -3.00	90.86 6.61 -4.64	93.35 7.38 -0.16	103.17 7.48 -7.65	115.54 8.50 -4.67	107.10 7.73 -6.29	99.99 6.59 -14.89	95.28 6.05 -16.30	88.35 6.14 -9.14	79.32 5.94 0.00	79.47 5.54 0.00
RAVENSWOOD_GT2_3 24246	116.47 4.42 -56.15	105.03 4.18 -45.91	103.69 4.54 -35.27	101.38 4.27 -36.15	106.45 4.98 -29.34	107.71 5.41 -27.23	127.19 6.35 -39.47	138.76 5.65 -60.61	138.46 6.10 -57.93	144.04 7.74 -44.12	110.64 8.10 -2.60	103.97 7.48 -4.13	99.55 6.96 -5.66	96.41 6.92 -3.00	90.86 6.61 -4.64	93.35 7.38 -0.16	103.17 7.48 -7.65	115.64 8.60 -4.67	107.10 7.73 -6.29	99.99 6.59 -14.89	95.28 6.05 -16.30	88.43 6.21 -9.14	79.40 6.02 0.00	79.54 5.62 0.00
RAVENSWOOD_GT2_4 24247	116.47 4.42 -56.15	105.03 4.18 -45.91	103.69 4.54 -35.27	101.38 4.27 -36.15	106.45 4.98 -29.34	107.71 5.41 -27.23	127.19 6.35 -39.47	138.76 5.65 -60.61	138.46 6.10 -57.93	144.04 7.74 -44.12	110.64 8.10 -2.60	103.97 7.48 -4.13	99.55 6.96 -5.66	96.41 6.92 -3.00	90.86 6.61 -4.64	93.35 7.38 -0.16	103.17 7.48 -7.65	115.64 8.60 -4.67	107.10 7.73 -6.29	99.99 6.59 -14.89	95.28 6.05 -16.30	88.43 6.21 -9.14	79.40 6.02 0.00	79.54 5.62 0.00
RAVENSWOOD_GT3_1 24248	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.38 4.27 -36.15	106.45 4.98 -29.34	107.71 5.41 -27.23	127.19 6.35 -39.47	138.76 5.65 -60.61	138.46 6.10 -57.93	143.95 7.65 -44.12	110.54 8.00 -2.60	103.97 7.48 -4.13	99.55 6.96 -5.66	96.41 6.92 -3.00	90.86 6.61 -4.64	93.35 7.38 -0.16	103.17 7.48 -7.65	115.64 8.60 -4.67	107.10 7.73 -6.29	99.99 6.59 -14.89	95.28 6.05 -16.30	88.35 6.14 -9.14	79.32 5.94 0.00	79.47 5.54 0.00
RAVENSWOOD_GT3_2 24249	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.38 4.27 -36.15	106.45 4.98 -29.34	107.71 5.41 -27.23	127.19 6.35 -39.47	138.76 5.65 -60.61	138.46 6.10 -57.93	143.95 7.65 -44.12	110.54 8.00 -2.60	103.97 7.48 -4.13	99.55 6.96 -5.66	96.41 6.92 -3.00	90.86 6.61 -4.64	93.35 7.38 -0.16	103.17 7.48 -7.65	115.64 8.60 -4.67	107.10 7.73 -6.29	99.99 6.59 -14.89	95.28 6.05 -16.30	88.35 6.14 -9.14	79.32 5.94 0.00	79.47 5.54 0.00
RAVENSWOOD_GT3_3 24250	116.53 4.47 -56.15	105.03 4.18 -45.91	103.75 4.60 -35.27	101.44 4.33 -36.15	106.52 5.05 -29.34	107.78 5.48 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.74 8.20 -2.60	104.06 7.57 -4.13	99.64 7.04 -5.66	96.49 7.01 -3.00	90.94 6.69 -4.64	93.43 7.47 -0.16	103.25 7.57 -7.65	115.74 8.70 -4.67	107.19 7.82 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.54 5.62 0.00
RAVENSWOOD_GT3_4 24251	116.53 4.47 -56.15	105.03 4.18 -45.91	103.75 4.60 -35.27	101.44 4.33 -36.15	106.52 5.05 -29.34	107.78 5.48 -27.23	127.27 6.43 -39.47	138.83 5.73 -60.61	138.53 6.18 -57.93	144.13 7.83 -44.12	110.74 8.20 -2.60	104.06 7.57 -4.13	99.64 7.04 -5.66	96.49 7.01 -3.00	90.94 6.69 -4.64	93.43 7.47 -0.16	103.25 7.57 -7.65	115.74 8.70 -4.67	107.19 7.82 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.50 6.28 -9.14	79.47 6.09 0.00	79.54 5.62 0.00
RAVENSWOOD_GT_1 23729	116.82 4.75 -56.16	105.31 4.45 -45.92	104.01 4.85 -35.28	101.75 4.63 -36.16	106.82 5.34 -29.35	108.09 5.78 -27.24	127.61 6.75 -39.48	139.13 6.02 -60.62	140.33 6.48 -59.43	158.73 8.20 -58.35	111.15 8.60 -2.61	137.89 8.03 -37.50	133.36 7.39 -39.03	118.49 7.35 -24.65	124.71 7.09 -38.01	93.80 7.81 -0.19	140.29 7.92 -44.33	141.11 9.11 -29.63	120.49 8.19 -19.22	106.17 6.99 -20.67	107.04 6.42 -27.70	106.72 6.58 -27.07	101.25 6.38 -21.49	79.92 5.99 -0.01
RAVENSWOOD_GT_10 24258	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.63 5.33 -27.23	127.11 6.27 -39.47	138.68 5.58 -60.61	138.33 6.10 -57.80	143.23 7.65 -43.41	110.54 8.00 -2.60	102.29 7.48 -2.46	97.88 6.96 -3.98	95.23 6.83 -1.91	89.19 6.61 -2.97	93.35 7.38 -0.16	101.32 7.48 -5.80	114.61 8.50 -3.75	107.10 7.73 -6.29	99.91 6.52 -14.89	95.21 5.98 -16.30	87.46 6.14 -8.25	78.30 5.94 1.02	79.47 5.54 0.00
RAVENSWOOD_GT_11 24259	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.63 5.33 -27.23	127.11 6.27 -39.47	138.68 5.58 -60.61	138.33 6.10 -57.80	143.23 7.65 -43.41	110.54 8.00 -2.60	102.29 7.48 -2.46	97.88 6.96 -3.98	95.23 6.83 -1.91	89.19 6.61 -2.97	93.35 7.38 -0.16	101.32 7.48 -5.80	114.61 8.50 -3.75	107.10 7.73 -6.29	99.91 6.52 -14.89	95.21 5.98 -16.30	87.46 6.14 -8.25	78.30 5.94 1.02	79.47 5.54 0.00
RAVENSWOOD_GT_4 24252	116.41 4.36 -56.15	104.91 4.07 -45.91	103.55 4.41 -35.26	101.31 4.21 -36.15	106.37 4.91 -29.33	107.63 5.33 -27.22	127.10 6.27 -39.47	138.68 5.58 -60.60	137.50 6.03 -57.05	143.86 7.56 -44.13	110.45 7.90 -2.61	103.88 7.39 -4.14	99.47 6.87 -5.66	96.33 6.83 -3.00	90.79 6.53 -4.65	93.27 7.29 -0.17	103.08 7.40 -7.65	120.48 8.50 -9.61	116.84 7.63 -16.12	104.30 6.52 -19.28	103.87 5.98 -24.97	88.40 6.07 -9.26	80.16 5.87 -0.91	79.39 5.47 0.01
RAVENSWOOD_GT_5 24254	116.41 4.36 -56.15	104.91 4.07 -45.91	103.55 4.41 -35.26	101.31 4.21 -36.15	106.37 4.91 -29.33	107.63 5.33 -27.22	127.10 6.27 -39.47	138.68 5.58 -60.60	137.50 6.03 -57.05	143.86 7.56 -44.13	110.45 7.90 -2.61	103.88 7.39 -4.14	99.47 6.87 -5.66	96.33 6.83 -3.00	90.79 6.53 -4.65	93.27 7.29 -0.17	103.08 7.40 -7.65	120.48 8.50 -9.61	116.84 7.63 -16.12	104.30 6.52 -19.28	103.87 5.98 -24.97	88.40 6.07 -9.26	80.16 5.87 -0.91	79.39 5.47 0.01
RAVENSWOOD_GT_6 24253	116.41 4.36 -56.15	104.91 4.07 -45.91	103.55 4.41 -35.26	101.31 4.21 -36.15	106.37 4.91 -29.33	107.63 5.33 -27.22	127.10 6.27 -39.47	138.68 5.58 -60.60	137.50 6.03 -57.05	143.86 7.56 -44.13	110.45 7.90 -2.61	103.88 7.39 -4.14	99.47 6.87 -5.66	96.33 6.83 -3.00	90.79 6.53 -4.65	93.27 7.29 -0.17	103.08 7.40 -7.65	120.48 8.50 -9.61	116.84 7.63 -16.12	104.30 6.52 -19.28	103.87 5.98 -24.97	88.40 6.07 -9.26	80.16 5.87 -0.91	79.39 5.47 0.01
RAVENSWOOD_GT_7 24255	116.41 4.36 -56.15	104.91 4.07 -45.91	103.55 4.41 -35.26	101.31 4.21 -36.15	106.37 4.91 -29.33	107.63 5.33 -27.22	127.10 6.27 -39.47	138.68 5.58 -60.60	137.50 6.03 -57.05	143.86 7.56 -44.13	110.45 7.90 -2.61	103.88 7.39 -4.14	99.47 6.87 -5.66	96.33 6.83 -3.00	90.79 6.53 -4.65	93.27 7.29 -0.17	103.08 7.40 -7.65	120.48 8.50 -9.61	116.84 7.63 -16.12	104.30 6.52 -19.28	103.87 5.98 -24.97	88.40 6.07 -9.26	80.16 5.87 -0.91	79.39 5.47 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.63 5.33 -27.23	127.11 6.27 -39.47	138.68 5.58 -60.61	138.33 6.10 -57.80	143.23 7.65 -43.41	110.54 8.00 -2.60	102.29 7.48 -2.46	97.88 6.96 -3.98	95.23 6.83 -1.91	89.19 6.61 -2.97	93.35 7.38 -0.16	101.32 7.48 -5.80	114.61 8.50 -3.75	107.10 7.73 -6.29	99.91 6.52 -14.89	95.21 5.98 -16.30	87.46 6.14 -8.25	78.30 5.94 1.02	79.47 5.54 0.00

RAVENSWOOD_GT_9 24257	116.47 4.42 -56.15	104.97 4.12 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.63 5.33 -27.23	127.11 6.27 -39.47	138.68 5.58 -60.61	138.33 6.10 -57.80	143.23 7.65 -43.41	110.54 8.00 -2.60	102.29 7.48 -2.46	97.88 6.96 -3.98	95.23 6.83 -1.91	89.19 6.61 -2.97	93.35 7.38 -0.16	101.32 7.48 -5.80	114.61 8.50 -3.75	107.10 7.73 -6.29	99.91 6.52 -14.89	95.21 5.98 -16.30	87.46 6.14 -8.25	78.30 5.94 1.02	79.47 5.54 0.00
RAVENSWOOD___1 23533	116.76 4.70 -56.16	105.31 4.45 -45.92	103.95 4.79 -35.28	101.69 4.57 -36.16	106.74 5.26 -29.35	108.09 5.78 -27.24	127.44 6.59 -39.48	139.06 5.95 -60.62	140.08 6.40 -59.25	151.48 8.11 -51.19	110.94 8.40 -2.60	120.92 7.85 -20.72	116.49 7.30 -22.24	107.52 7.27 -13.76	107.85 7.01 -21.23	93.78 7.81 -0.17	121.75 7.83 -25.88	125.03 8.81 -13.86	107.47 8.09 -6.30	100.39 6.98 -14.90	95.66 6.42 -16.31	97.48 6.43 -17.98	89.93 6.46 -10.09	79.85 5.92 -0.01
RAVENSWOOD___2 23534	116.76 4.70 -56.16	105.25 4.40 -45.92	103.95 4.79 -35.28	101.69 4.57 -36.16	106.74 5.26 -29.35	108.01 5.70 -27.24	127.36 6.51 -39.48	139.06 5.95 -60.62	140.00 6.32 -59.25	151.45 8.11 -51.17	110.94 8.40 -2.60	120.77 7.76 -20.65	116.43 7.30 -22.18	107.38 7.17 -13.72	107.70 6.92 -21.17	93.78 7.81 -0.17	121.60 7.75 -25.81	124.89 8.70 -13.82	107.47 8.09 -6.30	100.39 6.98 -14.90	95.58 6.34 -16.31	97.45 6.43 -17.94	89.89 6.46 -10.05	79.85 5.92 -0.01
RAVENSWOOD___3 23535	116.47 4.42 -56.15	105.02 4.17 -45.91	103.62 4.47 -35.27	101.37 4.27 -36.15	106.38 4.91 -29.34	107.71 5.41 -27.23	127.03 6.18 -39.47	138.76 5.66 -60.61	138.38 6.03 -57.93	143.94 7.65 -44.12	110.55 8.00 -2.60	103.88 7.39 -4.13	99.56 6.96 -5.66	96.32 6.83 -3.00	90.86 6.60 -4.64	93.35 7.38 -0.16	103.08 7.40 -7.65	115.24 8.19 -4.67	107.01 7.63 -6.29	99.99 6.60 -14.89	95.28 6.05 -16.30	88.28 6.06 -9.14	79.47 6.09 0.00	79.47 5.55 0.00
RAVENSWOOD___4 23820	116.70 4.64 -56.16	105.25 4.40 -45.92	103.95 4.79 -35.28	101.63 4.51 -36.16	106.68 5.20 -29.34	108.01 5.70 -27.23	127.36 6.51 -39.48	139.05 5.95 -60.62	139.82 6.32 -59.07	144.30 8.02 -44.11	110.94 8.40 -2.59	104.24 7.76 -4.12	99.89 7.30 -5.65	96.66 7.17 -2.99	91.17 6.92 -4.63	93.69 7.73 -0.16	103.42 7.75 -7.64	109.35 8.70 1.71	94.75 8.09 6.42	94.62 6.91 -9.21	84.36 6.34 -5.09	88.49 6.43 -8.99	78.66 6.46 1.18	79.85 5.92 -0.01
RCPL_TRUST___DRP 24196	116.52 4.47 -56.14	105.07 4.23 -45.91	103.74 4.60 -35.27	101.43 4.33 -36.15	106.52 5.05 -29.33	107.78 5.48 -27.22	127.27 6.43 -39.47	138.89 5.80 -60.60	138.60 6.25 -57.92	144.12 7.83 -44.12	110.84 8.30 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.58 7.09 -2.99	91.02 6.77 -4.64	93.61 7.64 -0.16	103.34 7.66 -7.64	115.74 8.70 -4.67	107.19 7.82 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.43 6.21 -9.14	79.40 6.02 0.00	79.54 5.62 0.00
RED___ROCHESTER 323720	60.77 -2.12 -6.99	58.40 -2.25 -5.72	65.59 -2.68 -4.39	62.71 -2.74 -4.50	72.69 -3.10 -3.65	75.09 -3.38 -3.39	82.30 -3.99 -4.91	76.67 -3.62 -7.80	77.34 -4.54 -7.45	92.32 -5.53 -5.68	94.08 -6.20 -0.33	86.97 -5.91 -0.53	82.45 -5.21 -0.73	81.86 -5.02 -0.38	75.99 -4.22 -0.60	80.85 -4.98 -0.02	83.74 -5.28 -0.98	96.72 -6.25 -0.60	88.21 -5.68 -0.81	75.87 -4.56 -1.92	71.09 -3.94 -2.10	70.44 -3.80 -1.17	69.42 -3.96 0.00	70.23 -3.69 0.00
REGAN___SOLAR 323812	137.30 4.25 -77.15	122.20 4.17 -63.08	117.19 4.85 -48.46	115.02 4.39 -49.68	117.93 5.48 -40.31	118.35 5.86 -37.41	142.28 6.67 -54.24	161.45 5.66 -83.30	160.37 6.32 -79.62	160.19 7.38 -60.64	111.02 7.50 -3.57	104.32 6.28 -5.68	100.20 5.48 -7.78	96.15 5.54 -4.12	91.16 5.17 -6.38	92.47 6.44 -0.22	105.77 7.22 -10.51	117.90 9.11 -6.42	110.01 8.28 -8.65	105.80 6.83 -20.46	101.75 6.42 -22.40	91.70 6.06 -12.57	79.18 5.80 0.00	79.39 5.47 0.00
RENSSELAER___COGEN 23796	128.09 2.46 -69.73	114.31 2.36 -57.01	110.42 2.74 -43.80	108.47 2.62 -44.89	111.66 3.10 -36.43	112.11 3.23 -33.81	133.72 3.34 -49.01	150.65 2.82 -75.34	149.48 3.05 -72.01	150.80 3.78 -54.84	107.28 4.10 -3.23	101.19 3.70 -5.13	97.71 3.74 -7.03	93.93 3.72 -3.72	88.97 3.59 -5.77	89.53 3.52 -0.20	100.97 3.43 -9.50	112.28 4.10 -5.81	104.53 3.63 -7.82	100.07 3.06 -18.51	96.11 2.92 -20.26	87.36 2.93 -11.36	76.39 3.01 0.00	77.03 3.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	131.78 3.86 -72.02	118.77 4.94 -58.89	114.87 5.75 -45.24	112.38 5.06 -46.37	116.18 6.42 -37.63	116.83 6.83 -34.92	139.65 7.65 -50.63	156.90 6.60 -77.81	156.91 8.11 -74.37	158.96 10.14 -56.65	113.98 10.69 -3.34	107.17 9.51 -5.30	102.29 8.09 -7.26	98.30 7.96 -3.84	93.05 7.48 -5.96	94.51 8.49 -0.21	106.92 9.07 -9.82	119.42 11.06 -6.00	111.21 10.05 -8.08	105.71 8.09 -19.12	101.51 7.66 -20.93	91.90 7.09 -11.74	80.06 6.68 0.00	80.13 6.21 0.00
REVERE_CPFR_DRP 24186	60.55 1.90 -2.75	58.89 1.70 -2.25	67.84 2.24 -1.73	64.80 2.07 -1.77	76.10 2.52 -1.44	79.11 2.70 -1.33	86.72 3.42 -1.93	78.72 3.26 -2.97	80.39 3.13 -2.84	98.30 3.96 -2.16	103.87 3.80 -0.13	96.16 3.60 -0.20	90.43 3.22 -0.28	89.84 3.20 -0.15	83.18 3.34 -0.23	89.33 3.52 -0.01	92.11 3.70 -0.37	107.10 4.50 -0.23	97.20 3.82 -0.31	82.30 3.06 -0.73	76.50 2.77 -0.80	76.30 2.78 -0.45	76.17 2.79 0.00	76.66 2.74 0.00
REYNOLDS_115KV_TB3 80639	128.40 2.68 -69.81	114.66 2.64 -57.08	110.80 3.07 -43.85	108.83 2.93 -44.95	112.07 3.46 -36.48	112.61 3.68 -33.85	134.11 3.66 -49.08	151.04 3.12 -75.43	149.87 3.35 -72.10	151.32 4.24 -54.91	107.78 4.60 -3.24	101.65 4.16 -5.14	98.15 4.17 -7.04	94.37 4.15 -3.73	89.37 3.98 -5.78	90.04 4.03 -0.20	101.51 3.96 -9.51	112.79 4.61 -5.82	105.10 4.19 -7.83	100.57 3.53 -18.53	96.57 3.35 -20.29	87.81 3.36 -11.38	76.83 3.45 0.00	77.40 3.47 0.00
RIVERBAY____ 323610	117.32 5.25 -56.16	105.80 4.94 -45.92	104.65 5.49 -35.28	102.36 5.24 -36.16	107.61 6.13 -29.35	108.84 6.53 -27.24	128.18 7.32 -39.48	139.49 6.38 -60.62	139.14 6.77 -57.94	144.78 8.48 -44.13	111.54 9.00 -2.60	104.71 8.22 -4.14	100.26 7.65 -5.67	97.11 7.61 -3.00	91.50 7.24 -4.65	94.13 8.15 -0.17	103.88 8.19 -7.65	116.47 9.42 -4.68	107.94 8.56 -6.30	100.70 7.30 -14.90	95.95 6.71 -16.31	89.09 6.87 -9.15	80.07 6.68 -0.01	80.44 6.51 -0.01
RIVERSIDE_115KV_TB3 55908	128.52 2.63 -69.99	114.74 2.58 -57.22	110.84 3.00 -43.96	108.88 2.86 -45.06	112.09 3.39 -36.57	112.54 3.53 -33.94	134.15 3.58 -49.20	151.15 3.04 -75.62	150.05 3.35 -72.28	151.46 4.24 -55.05	107.69 4.50 -3.24	101.57 4.06 -5.15	98.08 4.09 -7.06	94.29 4.07 -3.74	89.30 3.90 -5.79	89.96 3.95 -0.20	101.45 3.87 -9.54	112.60 4.40 -5.83	105.03 4.10 -7.85	100.46 3.38 -18.58	96.47 3.21 -20.34	87.77 3.29 -11.40	76.68 3.30 0.00	77.32 3.40 0.00
ROARING___BROOK_WT_PWR 323790	54.84 -1.06 0.00	53.95 -0.99 0.00	62.79 -1.09 0.00	60.10 -0.85 0.00	71.27 -0.86 0.00	74.25 -0.82 0.00	80.64 -0.73 0.00	71.99 -0.50 0.00	74.13 -0.30 0.00	91.90 -0.28 0.00	99.75 -0.20 0.00	92.17 -0.18 0.00	86.77 -0.17 0.00	86.32 -0.17 0.00	79.45 -0.16 0.00	85.55 -0.26 0.00	87.86 -0.18 0.00	102.06 -0.31 0.00	92.80 -0.28 0.00	78.27 -0.23 0.00	72.71 -0.22 0.00	72.85 -0.22 0.00	73.16 -0.22 0.00	73.85 -0.07 0.00

ROCHESRG_115KV_T4 355643	60.10 -2.74 -6.93	57.75 -2.86 -5.67	65.04 -3.19 -4.36	62.13 -3.29 -4.47	71.86 -3.90 -3.62	74.46 -3.98 -3.36	81.45 -4.80 -4.87	75.80 -4.49 -7.80	76.60 -5.28 -7.46	91.49 -6.36 -5.68	93.28 -7.00 -0.33	86.05 -6.83 -0.53	81.67 -6.00 -0.73	80.91 -5.97 -0.38	75.11 -5.10 -0.60	80.16 -5.66 -0.02	82.77 -6.25 -0.98	95.39 -7.58 -0.60	87.28 -6.61 -0.81	75.00 -5.42 -1.92	70.14 -4.89 -2.10	69.49 -4.75 -1.17	68.76 -4.62 0.00	69.56 -4.36 0.00
ROCHESTER_9_IC 23652	60.43 -2.46 -6.99	58.07 -2.58 -5.72	65.33 -2.94 -4.39	62.47 -2.99 -4.50	72.25 -3.53 -3.65	74.86 -3.60 -3.39	81.89 -4.39 -4.91	76.23 -4.06 -7.80	76.97 -4.91 -7.45	91.95 -5.90 -5.68	93.78 -6.50 -0.33	86.51 -6.37 -0.53	82.10 -5.56 -0.73	81.43 -5.45 -0.38	75.59 -4.62 -0.60	80.68 -5.15 -0.02	83.21 -5.81 -0.98	96.01 -6.96 -0.60	87.84 -6.05 -0.81	75.47 -4.95 -1.92	70.65 -4.38 -2.10	69.93 -4.31 -1.17	69.12 -4.26 0.00	69.93 -3.99 0.00
ROCKVIEW_13_KV_LD 356306	116.30 4.25 -56.15	104.86 4.01 -45.91	103.49 4.34 -35.27	101.25 4.14 -36.15	106.30 4.83 -29.33	107.56 5.26 -27.23	127.02 6.18 -39.47	138.61 5.51 -60.60	138.30 5.95 -57.93	143.76 7.47 -44.12	110.44 7.90 -2.60	103.78 7.30 -4.13	99.38 6.78 -5.66	96.23 6.75 -2.99	90.70 6.45 -4.64	93.09 7.12 -0.16	102.99 7.31 -7.64	115.54 8.50 -4.67	107.00 7.63 -6.29	99.83 6.44 -14.89	95.13 5.91 -16.30	88.21 5.99 -9.14	79.18 5.80 0.00	79.32 5.40 0.00
ROME____115KV_TB2 80656	60.55 1.90 -2.75	58.89 1.70 -2.25	67.84 2.24 -1.73	64.80 2.07 -1.77	76.10 2.52 -1.44	79.11 2.70 -1.33	86.72 3.42 -1.93	78.72 3.26 -2.97	80.39 3.13 -2.84	98.30 3.96 -2.16	103.87 3.80 -0.13	96.16 3.60 -0.20	90.43 3.22 -0.28	89.84 3.20 -0.15	83.18 3.34 -0.23	89.33 3.52 -0.01	92.11 3.70 -0.37	107.10 4.50 -0.23	97.20 3.82 -0.31	82.30 3.06 -0.73	76.50 2.77 -0.80	76.30 2.78 -0.45	76.17 2.79 0.00	76.66 2.74 0.00
ROSETON___1 23587	114.84 3.41 -55.52	103.52 3.19 -45.40	102.33 3.58 -34.88	100.12 3.41 -35.75	105.04 3.89 -29.01	106.28 4.28 -26.92	125.20 4.80 -39.03	136.85 4.42 -59.93	136.48 4.77 -57.28	141.71 5.90 -43.63	108.82 6.30 -2.57	102.17 5.73 -4.08	97.93 5.39 -5.59	94.73 5.28 -2.96	89.30 5.10 -4.59	91.72 5.75 -0.16	101.32 5.72 -7.56	113.55 6.56 -4.62	105.26 5.96 -6.22	98.33 5.10 -14.72	93.72 4.67 -16.12	86.86 4.75 -9.04	78.08 4.70 0.00	78.21 4.29 0.00
ROSETON___2 23588	114.84 3.41 -55.52	103.52 3.19 -45.40	102.33 3.58 -34.88	100.12 3.41 -35.75	105.04 3.89 -29.01	106.28 4.28 -26.92	125.20 4.80 -39.03	136.85 4.42 -59.93	136.48 4.77 -57.28	141.71 5.90 -43.63	108.82 6.30 -2.57	102.17 5.73 -4.08	97.93 5.39 -5.59	94.73 5.28 -2.96	89.30 5.10 -4.59	91.72 5.75 -0.16	101.32 5.72 -7.56	113.55 6.56 -4.62	105.26 5.96 -6.22	98.33 5.10 -14.72	93.72 4.67 -16.12	86.86 4.75 -9.04	78.08 4.70 0.00	78.21 4.29 0.00
ROTRRDAM_115KV_TB3 80664	130.75 2.01 -72.83	116.52 2.03 -59.55	112.06 2.43 -45.75	110.11 2.26 -46.90	112.86 2.67 -38.05	113.25 2.85 -35.32	135.66 3.09 -51.20	153.87 2.68 -78.69	152.62 2.98 -75.22	153.05 3.59 -57.29	107.22 3.90 -3.38	101.23 3.51 -5.36	97.50 3.22 -7.34	93.58 3.20 -3.89	88.66 3.03 -6.03	89.45 3.43 -0.21	101.48 3.52 -9.93	112.63 4.20 -6.07	105.07 3.82 -8.17	100.98 3.14 -19.33	97.08 2.99 -21.16	87.86 2.92 -11.87	76.24 2.86 0.00	76.66 2.74 0.00
RUSSELL___1 23602	60.66 -2.24 -6.99	58.29 -2.36 -5.72	65.59 -2.68 -4.39	62.65 -2.80 -4.50	72.47 -3.32 -3.65	75.09 -3.38 -3.39	82.22 -4.07 -4.91	76.59 -3.70 -7.80	77.34 -4.54 -7.45	92.32 -5.53 -5.68	94.18 -6.10 -0.33	86.88 -6.00 -0.53	82.54 -5.13 -0.73	81.95 -4.93 -0.38	75.99 -4.22 -0.60	81.19 -4.63 -0.02	83.65 -5.37 -0.98	96.42 -6.55 -0.60	88.30 -5.58 -0.81	75.95 -4.47 -1.92	71.01 -4.01 -2.10	70.29 -3.95 -1.17	69.49 -3.89 0.00	70.23 -3.70 0.00
RUSSELL___2 23532	60.66 -2.24 -6.99	58.29 -2.36 -5.72	65.59 -2.68 -4.39	62.65 -2.80 -4.50	72.47 -3.32 -3.65	75.09 -3.38 -3.39	82.22 -4.07 -4.91	76.59 -3.70 -7.80	77.34 -4.54 -7.45	92.32 -5.53 -5.68	94.18 -6.10 -0.33	86.88 -6.00 -0.53	82.54 -5.13 -0.73	81.95 -4.93 -0.38	75.99 -4.22 -0.60	81.19 -4.63 -0.02	83.65 -5.37 -0.98	96.42 -6.55 -0.60	88.30 -5.58 -0.81	75.95 -4.47 -1.92	71.01 -4.01 -2.10	70.29 -3.95 -1.17	69.49 -3.89 0.00	70.23 -3.70 0.00
RUSSELL___3 23549	60.66 -2.24 -6.99	58.29 -2.36 -5.72	65.59 -2.68 -4.39	62.65 -2.80 -4.50	72.47 -3.32 -3.65	75.09 -3.38 -3.39	82.22 -4.07 -4.91	76.59 -3.70 -7.80	77.34 -4.54 -7.45	92.32 -5.53 -5.68	94.18 -6.10 -0.33	86.88 -6.00 -0.53	82.54 -5.13 -0.73	81.95 -4.93 -0.38	75.99 -4.22 -0.60	81.19 -4.63 -0.02	83.65 -5.37 -0.98	96.42 -6.55 -0.60	88.30 -5.58 -0.81	75.95 -4.47 -1.92	71.01 -4.01 -2.10	70.29 -3.95 -1.17	69.49 -3.89 0.00	70.23 -3.70 0.00
RUSSELL___4 23556	60.66 -2.24 -6.99	58.29 -2.36 -5.72	65.59 -2.68 -4.39	62.65 -2.80 -4.50	72.47 -3.32 -3.65	75.09 -3.38 -3.39	82.22 -4.07 -4.91	76.59 -3.70 -7.80	77.34 -4.54 -7.45	92.32 -5.53 -5.68	94.18 -6.10 -0.33	86.88 -6.00 -0.53	82.54 -5.13 -0.73	81.95 -4.93 -0.38	75.99 -4.22 -0.60	81.19 -4.63 -0.02	83.65 -5.37 -0.98	96.42 -6.55 -0.60	88.30 -5.58 -0.81	75.95 -4.47 -1.92	71.01 -4.01 -2.10	70.29 -3.95 -1.17	69.49 -3.89 0.00	70.23 -3.70 0.00
RUSSELL___STATION 23914	60.66 -2.24 -6.99	58.29 -2.36 -5.72	65.59 -2.68 -4.39	62.65 -2.80 -4.50	72.47 -3.32 -3.65	75.09 -3.38 -3.39	82.22 -4.07 -4.91	76.59 -3.70 -7.80	77.34 -4.54 -7.45	92.32 -5.53 -5.68	94.18 -6.10 -0.33	86.88 -6.00 -0.53	82.54 -5.13 -0.73	81.95 -4.93 -0.38	75.99 -4.22 -0.60	81.19 -4.63 -0.02	83.65 -5.37 -0.98	96.42 -6.55 -0.60	88.30 -5.58 -0.81	75.95 -4.47 -1.92	71.01 -4.01 -2.10	70.29 -3.95 -1.17	69.49 -3.89 0.00	70.23 -3.70 0.00
S SALMON___HYD 24043	58.85 -1.06 -4.01	57.06 -1.16 -3.28	65.18 -1.22 -2.52	62.32 -1.22 -2.58	72.86 -1.37 -2.10	75.52 -1.50 -1.94	82.48 -1.71 -2.82	75.52 -1.30 -4.33	76.93 -1.64 -4.14	93.57 -1.75 -3.15	98.13 -2.00 -0.19	90.81 -1.85 -0.30	85.51 -1.83 -0.40	84.80 -1.90 -0.21	78.51 -1.43 -0.33	84.27 -1.54 -0.01	86.91 -1.68 -0.55	100.76 -1.95 -0.33	91.67 -1.86 -0.45	77.92 -1.65 -1.06	72.49 -1.60 -1.17	72.27 -1.46 -0.65	71.91 -1.47 0.00	72.37 -1.56 0.00
S.PERRY___115KV_TB1 80734	62.72 -3.07 -9.89	59.79 -3.24 -8.09	66.45 -3.64 -6.21	63.67 -3.66 -6.37	73.05 -4.26 -5.17	75.59 -4.28 -4.80	83.61 -4.72 -6.95	78.62 -3.99 -10.12	79.03 -5.06 -9.67	93.09 -6.45 -7.37	93.09 -7.30 -0.44	85.84 -7.20 -0.69	81.54 -6.35 -0.95	80.77 -6.23 -0.50	75.13 -5.25 -0.78	80.26 -5.58 -0.03	83.42 -5.90 -1.28	96.50 -6.65 -0.78	88.27 -5.86 -1.05	76.28 -4.71 -2.49	71.35 -4.30 -2.72	70.24 -4.38 -1.55	69.49 -3.89 0.00	70.23 -3.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	60.02 -4.98 -9.09	57.26 -5.11 -7.43	63.90 -5.69 -5.71	61.14 -5.67 -5.85	70.03 -6.85 -4.75	72.58 -6.91 -4.41	79.22 -8.54 -6.39	71.48 -8.63 -7.61	72.25 -9.45 -7.28	86.29 -11.43 -5.54	87.98 -12.29 -0.33	80.87 -12.01 -0.52	76.79 -10.87 -0.72	76.24 -10.64 -0.38	70.73 -9.47 -0.59	75.96 -9.87 -0.03	77.82 -11.18 -0.97	89.65 -13.31 -0.59	82.15 -11.73 -0.80	70.57 -9.81 -1.88	66.08 -8.90 -2.05	65.54 -8.77 -1.23	66.48 -6.90 0.00	67.94 -5.99 0.00

SAWYER___23_KV_LOAD 55526	60.02 -4.98 -9.09	57.26 -5.11 -7.43	63.90 -5.69 -5.71	61.14 -5.67 -5.85	70.03 -6.85 -4.75	72.58 -6.91 -4.41	79.22 -8.54 -6.39	71.48 -8.63 -7.61	72.25 -9.45 -7.28	86.29 -11.43 -5.54	87.98 -12.29 -0.33	80.87 -12.01 -0.52	76.79 -10.87 -0.72	76.24 -10.64 -0.38	70.73 -9.47 -0.59	75.96 -9.87 -0.03	77.82 -11.18 -0.97	89.65 -13.31 -0.59	82.15 -11.73 -0.80	70.57 -9.81 -1.88	66.08 -8.90 -2.05	65.54 -8.77 -1.23	66.48 -6.90 0.00	67.94 -5.99 0.00
SELKIRK___I 23801	126.96 2.35 -68.71	113.37 2.25 -56.18	109.72 2.68 -43.16	107.70 2.50 -44.24	111.06 3.03 -35.90	111.47 3.08 -33.32	132.84 3.17 -48.30	149.34 2.61 -74.24	148.28 2.90 -70.96	149.81 3.59 -54.04	107.03 3.89 -3.19	100.92 3.51 -5.06	97.26 3.39 -6.93	93.53 3.37 -3.67	88.48 3.19 -5.69	89.35 3.34 -0.20	100.75 3.34 -9.36	112.19 4.10 -5.72	104.32 3.54 -7.71	99.72 2.98 -18.24	95.73 2.84 -19.96	87.12 2.85 -11.20	76.39 3.01 0.00	76.96 3.03 0.00
SELKIRK___II 23799	127.61 2.24 -69.46	113.88 2.14 -56.80	110.07 2.56 -43.63	108.06 2.37 -44.73	111.24 2.81 -36.29	111.68 2.93 -33.68	133.29 3.09 -48.83	150.15 2.61 -75.05	148.99 2.83 -71.74	150.31 3.50 -54.64	106.96 3.80 -3.22	100.98 3.51 -5.11	97.33 3.39 -7.01	93.67 3.46 -3.71	88.62 3.27 -5.75	89.35 3.34 -0.20	100.76 3.26 -9.47	112.05 3.89 -5.79	104.32 3.45 -7.79	99.85 2.91 -18.44	95.88 2.77 -20.18	87.17 2.78 -11.32	76.24 2.86 0.00	76.80 2.88 0.00
SENECA OSWGO___HYD 24041	59.01 -1.40 -4.50	57.14 -1.48 -3.68	64.99 -1.72 -2.83	62.15 -1.71 -2.90	72.47 -2.02 -2.35	75.24 -2.02 -2.18	82.18 -2.36 -3.17	75.33 -2.03 -4.87	76.85 -2.23 -4.65	93.04 -2.68 -3.54	97.25 -2.90 -0.21	90.01 -2.68 -0.33	84.87 -2.52 -0.45	84.22 -2.51 -0.24	77.75 -2.23 -0.37	83.51 -2.31 -0.01	86.19 -2.46 -0.61	100.08 -2.66 -0.38	91.08 -2.51 -0.51	77.58 -2.12 -1.20	72.27 -1.97 -1.31	71.84 -1.97 -0.73	71.33 -2.05 0.00	71.78 -2.15 0.00
SENECA___115KV_TB3 355854	60.53 -4.86 -9.49	57.64 -5.05 -7.76	64.35 -5.49 -5.96	61.52 -5.55 -6.11	70.46 -6.64 -4.96	73.07 -6.61 -4.60	79.90 -8.14 -6.67	72.62 -8.12 -8.25	73.46 -8.86 -7.89	87.49 -10.69 -6.01	88.81 -11.49 -0.36	81.75 -11.18 -0.57	77.54 -10.17 -0.77	77.05 -9.86 -0.41	71.41 -8.84 -0.64	76.91 -8.92 -0.03	78.78 -10.30 -1.05	90.93 -12.08 -0.64	83.24 -10.70 -0.86	71.59 -8.95 -2.03	66.98 -8.17 -2.22	66.21 -8.18 -1.32	67.58 -5.80 0.00	69.05 -4.88 0.00
SENECA___ENERGY 23797	61.65 -1.56 -7.31	59.21 -1.70 -5.97	66.56 -1.91 -4.59	63.71 -1.95 -4.71	73.79 -2.16 -3.82	76.52 -2.10 -3.54	84.15 -2.36 -5.14	78.28 -2.10 -7.90	79.44 -2.53 -7.55	94.79 -3.13 -5.75	96.78 -3.50 -0.34	89.38 -3.51 -0.54	84.55 -3.13 -0.74	83.85 -3.03 -0.39	77.66 -2.55 -0.60	83.17 -2.66 -0.02	86.13 -2.90 -1.00	100.11 -2.87 -0.61	91.01 -2.89 -0.82	78.17 -2.28 -1.94	72.87 -2.19 -2.12	72.07 -2.19 -1.19	71.33 -2.05 0.00	72.00 -1.92 0.00
SHOEMAKER___GT 23640	109.93 2.91 -51.12	99.43 2.69 -41.80	98.99 3.00 -32.11	96.74 2.87 -32.92	102.09 3.25 -26.71	103.47 3.60 -24.79	121.37 4.07 -35.94	131.36 3.70 -55.17	131.10 3.94 -52.73	137.31 4.97 -40.16	107.51 5.19 -2.37	100.82 4.71 -3.76	96.52 4.43 -5.15	93.54 4.32 -2.73	88.05 4.22 -4.23	90.84 4.89 -0.15	99.92 4.93 -6.96	112.25 5.63 -4.25	103.92 5.12 -5.73	96.45 4.39 -13.55	91.77 4.01 -14.84	85.41 4.02 -8.32	77.34 3.96 0.00	77.55 3.62 0.00
SHOEMAKR_138KV_BK 111 55601	109.53 2.85 -50.77	99.09 2.64 -41.52	98.71 2.94 -31.89	96.45 2.80 -32.69	101.91 3.25 -26.53	103.22 3.53 -24.62	121.13 4.07 -35.69	130.91 3.62 -54.79	130.74 3.94 -52.37	136.95 4.89 -39.89	107.49 5.20 -2.35	100.80 4.71 -3.73	96.40 4.35 -5.11	93.61 4.41 -2.71	88.03 4.22 -4.20	90.76 4.81 -0.15	99.88 4.93 -6.91	112.33 5.73 -4.22	103.89 5.12 -5.69	96.36 4.40 -13.46	91.68 4.01 -14.74	85.29 3.95 -8.27	77.27 3.89 0.00	77.55 3.62 0.00
SHOREHAM_IC_1 23715	118.83 6.76 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.74 8.62 -60.63	144.61 9.08 -61.11	147.37 11.06 -44.14	115.25 12.69 -2.61	108.50 11.45 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	93.96 9.71 -4.64	97.55 11.58 -0.16	121.93 11.97 -21.93	125.19 13.92 -8.90	123.77 12.66 -18.03	114.61 10.76 -25.35	101.28 9.92 -18.43	99.93 9.86 -17.00	82.70 9.32 0.00	82.28 8.35 0.00
SHOREHAM_IC_2 23716	118.83 6.76 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.74 8.62 -60.63	144.61 9.08 -61.11	147.37 11.06 -44.14	115.25 12.69 -2.61	108.50 11.45 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	93.96 9.71 -4.64	97.55 11.58 -0.16	121.93 11.97 -21.93	125.19 13.92 -8.90	123.77 12.66 -18.03	114.61 10.76 -25.35	101.28 9.92 -18.43	99.93 9.86 -17.00	82.70 9.32 0.00	82.28 8.35 0.00
SISSONVILLE____ 23735	55.01 -0.89 0.00	54.33 -0.60 0.00	63.24 -0.64 0.00	60.53 -0.43 0.00	71.63 -0.50 0.00	73.95 -1.13 0.00	80.23 -1.14 0.00	71.55 -0.94 0.00	73.31 -1.12 0.00	90.42 -1.75 0.00	98.05 -1.90 0.00	90.69 -1.66 0.00	85.11 -1.83 0.00	84.76 -1.73 0.00	77.70 -1.91 0.00	83.32 -2.49 0.00	85.92 -2.11 0.00	100.02 -2.35 0.00	90.94 -2.14 0.00	76.62 -1.88 0.00	71.18 -1.75 0.00	71.32 -1.75 0.00	71.62 -1.76 0.00	72.74 -1.18 0.00
SITHE_IND_GS1 24169	57.26 -2.18 -3.54	55.57 -2.25 -2.89	63.48 -2.62 -2.22	60.73 -2.50 -2.28	71.02 -2.96 -1.85	73.71 -3.08 -1.71	80.52 -3.34 -2.49	73.39 -2.98 -3.87	74.93 -3.20 -3.70	91.13 -3.87 -2.82	95.92 -4.19 -0.17	88.74 -3.88 -0.26	83.65 -3.65 -0.36	83.06 -3.63 -0.19	76.64 -3.27 -0.30	82.29 -3.52 -0.01	84.83 -3.69 -0.49	98.47 -4.20 -0.30	89.58 -3.91 -0.40	76.24 -3.22 -0.95	70.98 -2.99 -1.04	70.66 -3.00 -0.58	70.37 -3.01 0.00	70.89 -3.03 0.00
SITHE_IND_GS2 24170	57.26 -2.18 -3.54	55.57 -2.25 -2.89	63.48 -2.62 -2.22	60.73 -2.50 -2.28	71.02 -2.96 -1.85	73.71 -3.08 -1.71	80.52 -3.34 -2.49	73.39 -2.98 -3.87	74.93 -3.20 -3.70	91.13 -3.87 -2.82	95.92 -4.19 -0.17	88.74 -3.88 -0.26	83.65 -3.65 -0.36	83.06 -3.63 -0.19	76.64 -3.27 -0.30	82.29 -3.52 -0.01	84.83 -3.69 -0.49	98.47 -4.20 -0.30	89.58 -3.91 -0.40	76.24 -3.22 -0.95	70.98 -2.99 -1.04	70.66 -3.00 -0.58	70.37 -3.01 0.00	70.89 -3.03 0.00
SITHE_IND_GS3 24171	57.26 -2.18 -3.54	55.57 -2.25 -2.89	63.48 -2.62 -2.22	60.73 -2.50 -2.28	71.02 -2.96 -1.85	73.71 -3.08 -1.71	80.52 -3.34 -2.49	73.39 -2.98 -3.87	74.93 -3.20 -3.70	91.13 -3.87 -2.82	95.92 -4.19 -0.17	88.74 -3.88 -0.26	83.65 -3.65 -0.36	83.06 -3.63 -0.19	76.64 -3.27 -0.30	82.29 -3.52 -0.01	84.83 -3.69 -0.49	98.47 -4.20 -0.30	89.58 -3.91 -0.40	76.24 -3.22 -0.95	70.98 -2.99 -1.04	70.66 -3.00 -0.58	70.37 -3.01 0.00	70.89 -3.03 0.00
SITHE_IND_GS4 24172	57.26 -2.18 -3.54	55.57 -2.25 -2.89	63.48 -2.62 -2.22	60.73 -2.50 -2.28	71.02 -2.96 -1.85	73.71 -3.08 -1.71	80.52 -3.34 -2.49	73.39 -2.98 -3.87	74.93 -3.20 -3.70	91.13 -3.87 -2.82	95.92 -4.19 -0.17	88.74 -3.88 -0.26	83.65 -3.65 -0.36	83.06 -3.63 -0.19	76.64 -3.27 -0.30	82.29 -3.52 -0.01	84.83 -3.69 -0.49	98.47 -4.20 -0.30	89.58 -3.91 -0.40	76.24 -3.22 -0.95	70.98 -2.99 -1.04	70.66 -3.00 -0.58	70.37 -3.01 0.00	70.89 -3.03 0.00

SITHE___BATAVIA 24024	60.79 -3.18 -8.07	58.18 -3.35 -6.60	65.05 -3.90 -5.07	62.13 -4.02 -5.20	71.81 -4.54 -4.22	74.11 -4.88 -3.91	81.03 -6.02 -5.67	74.41 -5.73 -7.65	74.89 -6.85 -7.31	89.45 -8.30 -5.57	91.18 -9.09 -0.33	84.01 -8.87 -0.52	79.75 -7.91 -0.72	79.35 -7.53 -0.38	73.51 -6.69 -0.59	78.79 -7.03 -0.02	81.17 -7.84 -0.97	94.47 -8.50 -0.59	85.59 -8.28 -0.80	73.56 -6.83 -1.88	68.86 -6.13 -2.06	68.35 -5.92 -1.19	68.10 -5.28 0.00	69.34 -4.58 0.00
SITHE___INDEPEND 23800	57.20 -2.24 -3.54	55.58 -2.25 -2.89	63.48 -2.62 -2.22	60.73 -2.50 -2.28	71.03 -2.96 -1.85	73.71 -3.08 -1.71	80.52 -3.34 -2.49	73.39 -2.97 -3.87	74.93 -3.20 -3.70	91.12 -3.87 -2.82	95.91 -4.20 -0.17	88.65 -3.97 -0.26	83.65 -3.65 -0.36	83.05 -3.63 -0.19	76.64 -3.26 -0.30	82.30 -3.52 -0.01	84.83 -3.70 -0.49	98.37 -4.30 -0.30	89.57 -3.91 -0.40	76.24 -3.22 -0.95	70.98 -2.99 -1.04	70.66 -3.00 -0.58	70.37 -3.01 0.00	70.89 -3.03 0.00
SITHE___MASSENA 23902	55.68 -0.22 0.00	54.99 0.05 0.00	63.94 0.06 0.00	61.14 0.18 0.00	72.21 0.07 0.00	75.00 -0.07 0.00	81.21 -0.16 0.00	72.28 -0.22 0.00	74.13 -0.30 0.00	91.53 -0.64 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.42 -0.52 0.00	85.98 -0.52 0.00	78.81 -0.80 0.00	84.78 -1.03 0.00	87.33 -0.71 0.00	101.35 -1.02 0.00	92.43 -0.65 0.00	77.87 -0.63 0.00	72.42 -0.51 0.00	72.41 -0.66 0.00	72.79 -0.59 0.00	73.70 -0.22 0.00
SITHE___OGDNSBRG 24021	56.30 0.39 0.00	55.60 0.66 0.00	64.71 0.83 0.00	61.87 0.91 0.00	73.15 1.01 0.00	75.68 0.60 0.00	82.27 0.90 0.00	73.36 0.87 0.00	75.10 0.67 0.00	92.63 0.46 0.00	100.25 0.30 0.00	92.73 0.37 0.00	87.03 0.09 0.00	86.67 0.17 0.00	79.53 -0.08 0.00	85.46 -0.34 0.00	88.30 0.26 0.00	102.78 0.41 0.00	93.36 0.28 0.00	78.66 0.16 0.00	73.07 0.15 0.00	73.22 0.15 0.00	73.45 0.07 0.00	74.44 0.52 0.00
SITHE___STERLING 23777	60.59 1.45 -3.23	58.90 1.32 -2.64	67.57 1.66 -2.03	64.56 1.52 -2.08	75.70 1.87 -1.69	78.67 2.03 -1.57	86.25 2.60 -2.27	78.45 2.47 -3.49	80.07 2.31 -3.34	97.66 2.95 -2.54	102.89 2.79 -0.15	95.27 2.68 -0.24	89.70 2.43 -0.33	89.08 2.42 -0.17	82.35 2.47 -0.27	88.48 2.66 -0.01	91.21 2.73 -0.44	106.01 3.37 -0.27	96.23 2.79 -0.36	81.64 2.28 -0.86	75.91 2.04 -0.94	75.64 2.04 -0.53	75.43 2.05 0.00	75.92 2.00 0.00
SLEIGHT__34_KV_TB1 80719	60.84 -1.84 -6.78	58.45 -2.03 -5.54	65.84 -2.30 -4.26	62.94 -2.38 -4.37	72.94 -2.74 -3.54	75.59 -2.78 -3.29	83.05 -3.09 -4.77	77.34 -2.68 -7.53	78.28 -3.35 -7.20	93.69 -3.96 -5.48	95.97 -4.30 -0.32	88.62 -4.25 -0.51	83.90 -3.74 -0.70	83.15 -3.72 -0.37	77.00 -3.18 -0.58	82.31 -3.52 -0.02	85.11 -3.87 -0.95	98.45 -4.50 -0.58	89.86 -4.00 -0.78	77.06 -3.30 -1.85	71.96 -2.99 -2.03	71.21 -3.00 -1.13	70.30 -3.08 0.00	70.89 -3.03 0.00
SOUTH CAIRO___GT 23612	126.04 3.91 -66.22	112.65 3.57 -54.14	109.82 4.34 -41.59	107.68 4.08 -42.64	111.57 4.83 -34.60	112.44 5.26 -32.11	133.54 5.61 -46.55	148.70 4.71 -71.50	147.98 5.21 -68.34	150.31 6.08 -52.05	108.91 5.90 -3.07	102.31 5.08 -4.87	98.48 4.87 -6.67	94.96 4.93 -3.53	89.94 4.86 -5.48	91.58 5.58 -0.19	102.95 5.90 -9.02	115.15 7.27 -5.51	107.02 6.52 -7.42	101.80 5.73 -17.56	97.41 5.25 -19.23	88.75 4.90 -10.78	79.03 5.65 0.00	79.62 5.69 0.00
SOUTH HAMPTN___IC 23720	119.23 7.16 -56.17	107.23 6.37 -45.92	105.67 6.52 -35.27	103.39 6.28 -36.16	108.98 7.50 -29.34	110.79 8.48 -27.23	131.11 10.25 -39.49	142.33 9.21 -60.63	145.20 9.67 -61.11	148.11 11.80 -44.14	115.95 13.40 -2.61	109.14 12.10 -4.69	103.82 11.22 -5.66	100.30 10.81 -3.00	94.45 10.19 -4.64	98.15 12.18 -0.16	122.63 12.68 -21.91	126.01 14.74 -8.89	124.50 13.41 -18.01	115.15 11.31 -25.33	101.78 10.43 -18.43	100.44 10.37 -16.99	83.22 9.84 0.00	82.79 8.87 0.00
SOUTHDOW_115KV_TB1 355954	62.27 -3.86 -10.22	59.18 -4.12 -8.36	65.96 -4.34 -6.42	63.21 -4.33 -6.58	72.43 -5.05 -5.34	75.38 -4.65 -4.96	82.94 -5.61 -7.19	76.18 -5.51 -9.20	77.12 -6.10 -8.79	91.68 -7.19 -6.70	92.85 -7.50 -0.40	85.41 -7.57 -0.63	80.93 -6.87 -0.86	80.55 -6.40 -0.46	74.35 -5.97 -0.71	80.34 -5.49 -0.03	82.42 -6.78 -1.16	95.30 -7.78 -0.71	87.24 -6.79 -0.96	74.88 -5.89 -2.26	69.79 -5.62 -2.48	68.61 -5.92 -1.46	70.52 -2.86 0.00	72.15 -1.77 0.00
SOUTHOLD_69_KV_BK 2 55809	119.79 7.71 -56.17	107.67 6.81 -45.92	106.18 7.03 -35.27	103.88 6.77 -36.16	109.92 8.44 -29.34	111.69 9.38 -27.23	132.01 11.15 -39.49	143.05 9.93 -60.63	146.03 10.49 -61.11	148.94 12.63 -44.14	116.75 14.19 -2.61	109.98 12.93 -4.69	103.99 11.39 -5.66	100.91 11.42 -3.00	95.00 10.75 -4.64	98.84 12.87 -0.16	123.59 13.65 -21.91	127.34 16.07 -8.89	125.62 14.52 -18.01	116.09 12.25 -25.34	102.59 11.23 -18.43	101.25 11.18 -16.99	83.95 10.57 0.00	83.46 9.54 0.00
SOUTHOLD___IC 23719	119.79 7.72 -56.17	107.72 6.87 -45.92	106.24 7.09 -35.27	103.88 6.77 -36.16	109.63 8.15 -29.34	111.46 9.16 -27.23	131.92 11.06 -39.49	143.05 9.93 -60.63	145.95 10.42 -61.11	148.94 12.63 -44.14	116.65 14.10 -2.61	109.70 12.65 -4.69	104.25 11.65 -5.66	100.82 11.33 -3.00	95.00 10.74 -4.64	98.93 12.96 -0.16	123.50 13.55 -21.91	127.23 15.96 -8.89	125.52 14.43 -18.01	116.08 12.24 -25.34	102.58 11.23 -18.43	101.25 11.18 -16.99	83.80 10.42 0.00	83.46 9.54 0.00
SOUTH_FORK_WT_PWR 323839	119.67 7.60 -56.17	107.56 6.70 -45.92	105.99 6.84 -35.27	103.70 6.59 -36.16	109.48 8.01 -29.34	111.31 9.01 -27.23	131.68 10.82 -39.49	142.84 9.72 -60.63	145.73 10.20 -61.11	148.67 12.36 -44.14	116.04 13.49 -2.61	109.14 12.10 -4.69	103.64 11.04 -5.66	100.30 10.81 -3.00	94.53 10.27 -4.64	98.50 12.53 -0.16	123.15 13.20 -21.91	126.72 15.46 -8.89	125.15 14.06 -18.01	115.77 11.93 -25.33	102.37 11.01 -18.43	100.95 10.89 -16.99	83.43 10.05 0.00	83.16 9.24 0.00
SPIERFLS_115KV_TB 1 80737	130.02 2.01 -72.10	117.24 3.35 -58.95	113.07 3.90 -45.29	110.91 3.54 -46.42	114.21 4.40 -37.67	114.69 4.65 -34.96	137.18 5.13 -50.69	154.82 4.42 -77.90	154.17 5.28 -74.46	155.43 6.54 -56.71	110.18 6.90 -3.34	103.85 6.19 -5.31	99.69 5.48 -7.27	95.71 5.36 -3.85	90.59 5.02 -5.97	91.68 5.66 -0.21	103.85 5.99 -9.83	115.64 7.27 -6.01	107.78 6.61 -8.09	102.98 5.34 -19.14	98.98 5.10 -20.95	89.65 4.82 -11.75	78.00 4.62 0.00	78.21 4.29 0.00
ST LAWRENCE____ 23600	55.29 -0.61 0.00	54.56 -0.38 0.00	63.44 -0.44 0.00	60.65 -0.30 0.00	71.71 -0.43 0.00	74.55 -0.52 0.00	80.64 -0.73 0.00	71.84 -0.65 0.00	73.68 -0.74 0.00	91.07 -1.10 0.00	98.85 -1.10 0.00	91.34 -1.01 0.00	85.90 -1.04 0.00	85.46 -1.03 0.00	78.50 -1.11 0.00	84.43 -1.38 0.00	86.80 -1.23 0.00	100.84 -1.53 0.00	91.87 -1.21 0.00	77.48 -1.02 0.00	71.98 -0.95 0.00	72.05 -1.02 0.00	72.35 -1.03 0.00	73.26 -0.67 0.00
STATE_CA_115KV_115_LB 55624	129.04 2.68 -70.45	115.12 2.58 -57.60	111.20 3.07 -44.25	109.18 2.86 -45.36	112.41 3.46 -36.81	112.84 3.60 -34.16	134.64 3.74 -49.52	151.73 3.12 -76.12	150.68 3.50 -72.75	152.01 4.42 -55.41	107.91 4.70 -3.27	101.88 4.34 -5.19	98.22 4.17 -7.10	94.49 4.24 -3.76	89.42 3.98 -5.83	89.96 3.95 -0.21	101.60 3.96 -9.60	112.74 4.50 -5.87	105.17 4.19 -7.90	100.66 3.45 -18.70	96.68 3.28 -20.47	87.84 3.29 -11.48	76.68 3.30 0.00	77.40 3.47 0.00

STATE_ST_34_KV_LOAD 55959	62.52 -0.56 -7.17	60.03 -0.77 -5.87	67.56 -0.83 -4.51	64.72 -0.85 -4.62	74.87 -1.01 -3.75	77.73 -0.83 -3.48	85.60 -0.81 -5.04	79.66 -0.58 -7.75	81.02 -0.82 -7.41	96.99 -0.83 -5.64	99.28 -1.00 -0.33	91.78 -1.11 -0.53	86.71 -0.96 -0.72	85.92 -0.95 -0.38	79.41 -0.80 -0.59	85.05 -0.77 -0.02	88.13 -0.88 -0.98	102.05 -0.92 -0.60	93.14 -0.74 -0.80	79.78 -0.63 -1.90	74.36 -0.66 -2.08	73.44 -0.80 -1.17	72.65 -0.73 0.00	73.11 -0.81 0.00
STATION_5_MISC_HYD 23604	60.55 -2.35 -6.99	58.18 -2.47 -5.72	65.33 -2.94 -4.39	62.47 -2.99 -4.50	72.40 -3.39 -3.65	74.86 -3.60 -3.39	81.97 -4.32 -4.91	76.23 -4.06 -7.80	77.04 -4.84 -7.45	91.95 -5.90 -5.68	93.68 -6.60 -0.33	86.60 -6.28 -0.53	82.10 -5.57 -0.73	81.52 -5.36 -0.38	75.59 -4.62 -0.60	80.51 -5.32 -0.02	83.38 -5.64 -0.98	96.21 -6.76 -0.60	87.84 -6.05 -0.81	75.48 -4.94 -1.92	70.65 -4.37 -2.10	70.08 -4.16 -1.17	69.05 -4.33 0.00	69.93 -3.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	61.31 -1.57 -6.97	58.94 -1.70 -5.70	66.28 -1.98 -4.38	63.43 -2.01 -4.49	73.40 -2.38 -3.64	76.13 -2.33 -3.38	83.59 -2.69 -4.90	77.85 -2.32 -7.68	78.71 -3.05 -7.34	94.17 -3.59 -5.59	96.18 -4.10 -0.33	88.91 -3.97 -0.52	84.18 -3.48 -0.72	83.50 -3.37 -0.38	77.41 -2.79 -0.59	82.82 -3.00 -0.02	85.57 -3.43 -0.97	98.87 -4.09 -0.59	90.34 -3.54 -0.80	77.57 -2.83 -1.89	72.37 -2.63 -2.06	71.60 -2.63 -1.15	70.81 -2.57 0.00	71.48 -2.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	60.20 -2.63 -6.93	57.85 -2.75 -5.66	65.10 -3.13 -4.35	62.25 -3.17 -4.46	72.00 -3.75 -3.62	74.61 -3.83 -3.36	81.68 -4.56 -4.87	76.06 -4.13 -7.70	76.88 -4.91 -7.36	91.88 -5.90 -5.61	93.78 -6.50 -0.33	86.51 -6.37 -0.52	82.09 -5.56 -0.72	81.34 -5.54 -0.38	75.50 -4.70 -0.59	80.59 -5.23 -0.02	83.20 -5.81 -0.97	96.00 -6.96 -0.59	87.74 -6.14 -0.80	75.37 -5.02 -1.89	70.48 -4.52 -2.07	69.77 -4.46 -1.15	68.98 -4.40 0.00	69.71 -4.21 0.00
STA_56__34_KV_BUS2 355983	60.20 -2.63 -6.93	57.85 -2.75 -5.66	65.10 -3.13 -4.35	62.25 -3.17 -4.46	72.00 -3.75 -3.62	74.61 -3.83 -3.36	81.68 -4.56 -4.87	76.06 -4.13 -7.70	76.88 -4.91 -7.36	91.88 -5.90 -5.61	93.78 -6.50 -0.33	86.51 -6.37 -0.52	82.09 -5.56 -0.72	81.34 -5.54 -0.38	75.50 -4.70 -0.59	80.59 -5.23 -0.02	83.20 -5.81 -0.97	96.00 -6.96 -0.59	87.74 -6.14 -0.80	75.37 -5.02 -1.89	70.48 -4.52 -2.07	69.77 -4.46 -1.15	68.98 -4.40 0.00	69.71 -4.21 0.00
STA_67__115KV_BK2 355882	60.31 -2.57 -6.98	57.95 -2.69 -5.71	65.20 -3.07 -4.39	62.34 -3.11 -4.50	72.10 -3.68 -3.65	74.71 -3.75 -3.39	81.72 -4.56 -4.91	76.01 -4.28 -7.80	76.82 -5.06 -7.45	91.77 -6.08 -5.68	93.58 -6.70 -0.33	86.33 -6.56 -0.53	81.93 -5.74 -0.73	81.26 -5.62 -0.38	75.43 -4.78 -0.60	80.51 -5.32 -0.02	83.03 -5.99 -0.98	95.80 -7.17 -0.60	87.56 -6.33 -0.81	75.32 -5.10 -1.92	70.43 -4.59 -2.10	69.71 -4.53 -1.17	68.98 -4.40 0.00	69.78 -4.14 0.00
STA_7__115KV_9TRANS 80674	60.66 -2.24 -6.99	58.29 -2.36 -5.72	65.59 -2.68 -4.39	62.65 -2.80 -4.50	72.47 -3.32 -3.65	75.09 -3.38 -3.39	82.22 -4.07 -4.91	76.59 -3.70 -7.80	77.34 -4.54 -7.45	92.32 -5.53 -5.68	94.18 -6.10 -0.33	86.88 -6.00 -0.53	82.54 -5.13 -0.73	81.95 -4.93 -0.38	75.99 -4.22 -0.60	81.19 -4.63 -0.02	83.65 -5.37 -0.98	96.42 -6.55 -0.60	88.30 -5.58 -0.81	75.95 -4.47 -1.92	71.01 -4.01 -2.10	70.29 -3.95 -1.17	69.49 -3.89 0.00	70.23 -3.70 0.00
STA_82__115KV_TB1 80780	60.36 -2.57 -7.02	57.99 -2.69 -5.74	65.23 -3.07 -4.41	62.37 -3.11 -4.52	72.13 -3.68 -3.67	74.73 -3.75 -3.41	81.75 -4.56 -4.94	76.08 -4.20 -7.79	76.89 -4.99 -7.45	91.76 -6.08 -5.67	93.68 -6.60 -0.33	86.33 -6.56 -0.53	81.93 -5.74 -0.73	81.26 -5.62 -0.38	75.43 -4.78 -0.60	80.51 -5.32 -0.02	83.03 -5.99 -0.98	95.80 -7.17 -0.60	87.65 -6.24 -0.81	75.32 -5.10 -1.91	70.43 -4.59 -2.10	69.78 -4.46 -1.17	68.98 -4.40 0.00	69.78 -4.14 0.00
STEEL__WIND 323596	60.64 -4.75 -9.49	57.75 -4.94 -7.76	64.28 -5.56 -5.96	61.52 -5.55 -6.11	70.67 -6.42 -4.96	72.99 -6.68 -4.60	79.90 -8.14 -6.67	72.55 -8.19 -8.25	73.45 -8.86 -7.89	87.40 -10.78 -6.01	89.01 -11.29 -0.36	81.84 -11.09 -0.57	77.54 -10.17 -0.77	77.13 -9.77 -0.41	71.41 -8.84 -0.64	77.25 -8.58 -0.03	78.96 -10.12 -1.05	92.77 -10.24 -0.64	83.33 -10.61 -0.86	71.51 -9.03 -2.03	66.91 -8.24 -2.22	66.35 -8.04 -1.32	67.36 -6.02 0.00	69.04 -4.88 0.00
STEPHTWN_115KV_BK_2 55603	128.76 3.13 -69.73	114.97 3.02 -57.01	111.19 3.51 -43.80	109.14 3.29 -44.89	112.53 3.97 -36.43	113.09 4.20 -33.81	134.78 4.39 -49.01	151.60 3.77 -75.34	150.60 4.17 -72.01	152.36 5.35 -54.84	108.78 5.60 -3.23	102.57 5.08 -5.13	98.84 4.87 -7.03	95.06 4.84 -3.72	90.00 4.62 -5.77	90.73 4.72 -0.20	102.29 4.75 -9.50	113.71 5.53 -5.81	106.02 5.12 -7.82	101.25 4.24 -18.51	97.20 4.01 -20.26	88.45 4.02 -11.36	77.34 3.96 0.00	77.99 4.07 0.00
STEUBEN_REC_LFGE 323667	65.57 -2.85 -12.52	62.21 -2.97 -10.24	68.61 -3.13 -7.86	65.97 -3.05 -8.06	75.21 -3.46 -6.54	78.07 -3.08 -6.07	86.75 -3.42 -8.80	81.78 -3.33 -12.62	82.47 -4.02 -12.06	96.48 -4.89 -9.19	95.09 -5.40 -0.54	87.86 -5.36 -0.86	83.43 -4.69 -1.18	82.62 -4.50 -0.63	76.68 -3.90 -0.97	82.32 -3.52 -0.04	85.58 -4.05 -1.59	98.84 -4.50 -0.98	90.48 -3.91 -1.31	78.39 -3.22 -3.10	73.26 -3.06 -3.40	71.80 -3.22 -1.94	71.77 -1.61 0.00	72.89 -1.03 0.00
STILLWATER__SOLAR 323814	130.55 2.91 -71.74	116.83 3.24 -58.65	112.71 3.77 -45.06	110.62 3.47 -46.19	113.87 4.25 -37.48	114.36 4.50 -34.79	136.60 4.80 -50.43	154.20 4.20 -77.51	153.28 4.77 -74.08	154.41 5.81 -56.42	109.47 6.20 -3.33	103.18 5.54 -5.28	99.21 5.04 -7.23	95.34 5.01 -3.83	90.24 4.70 -5.94	91.34 5.32 -0.21	103.27 5.46 -9.78	114.90 6.56 -5.98	107.09 5.96 -8.05	102.49 4.95 -19.04	98.37 4.60 -20.84	89.29 4.53 -11.69	77.78 4.40 0.00	78.14 4.21 0.00
STONY__BROOK 24151	118.39 6.32 -56.17	106.52 5.66 -45.92	104.91 5.75 -35.27	102.60 5.49 -36.16	107.97 6.49 -29.34	109.67 7.36 -27.23	129.81 8.95 -39.49	141.24 8.12 -60.63	144.03 8.48 -61.12	146.63 10.32 -44.14	114.44 11.89 -2.61	107.85 10.80 -4.69	102.77 10.17 -5.66	99.35 9.86 -3.00	93.48 9.23 -4.64	96.95 10.99 -0.16	121.18 11.18 -21.96	124.18 12.90 -8.92	122.87 11.73 -18.06	113.85 9.97 -25.37	100.55 9.19 -18.44	99.30 9.21 -17.02	82.11 8.73 0.00	81.76 7.83 0.00
STURGEON_POOL_HYD 23609	117.80 4.98 -56.92	106.04 4.56 -46.54	104.81 5.17 -35.75	102.60 5.00 -36.65	107.57 5.70 -29.74	108.98 6.31 -27.60	128.54 7.16 -40.01	140.31 6.38 -61.44	140.14 7.00 -58.72	145.47 8.57 -44.73	111.38 8.80 -2.64	104.49 7.94 -4.19	100.06 7.39 -5.73	96.88 7.35 -3.04	91.40 7.09 -4.71	94.21 8.24 -0.17	104.24 8.45 -7.75	117.14 10.03 -4.74	108.30 8.84 -6.38	101.29 7.69 -15.09	96.45 7.00 -16.52	89.14 6.80 -9.27	79.98 6.60 0.00	80.13 6.21 0.00
ST_LAW_115_BK7_LBMP 345037	55.29 -0.61 0.00	54.56 -0.38 0.00	63.44 -0.44 0.00	60.65 -0.30 0.00	71.63 -0.50 0.00	74.47 -0.60 0.00	80.56 -0.81 0.00	71.77 -0.72 0.00	73.68 -0.74 0.00	90.97 -1.20 0.00	98.75 -1.19 0.00	91.25 -1.10 0.00	85.81 -1.13 0.00	85.46 -1.03 0.00	78.42 -1.19 0.00	84.35 -1.46 0.00	86.72 -1.32 0.00	100.73 -1.64 0.00	91.78 -1.30 0.00	77.41 -1.10 0.00	71.91 -1.02 0.00	71.98 -1.09 0.00	72.28 -1.10 0.00	73.18 -0.74 0.00

ST_LAW_115_BK8_LBMP 345038	55.29 -0.61 0.00	54.56 -0.38 0.00	63.44 -0.44 0.00	60.65 -0.30 0.00	71.63 -0.50 0.00	74.47 -0.60 0.00	80.56 -0.81 0.00	71.77 -0.72 0.00	73.68 -0.74 0.00	90.97 -1.20 0.00	98.75 -1.19 0.00	91.25 -1.10 0.00	85.81 -1.13 0.00	85.46 -1.03 0.00	78.42 -1.19 0.00	84.35 -1.46 0.00	86.72 -1.32 0.00	100.73 -1.64 0.00	91.78 -1.30 0.00	77.41 -1.10 0.00	71.91 -1.02 0.00	71.98 -1.09 0.00	72.28 -1.10 0.00	73.18 -0.74 0.00
ST_LAW_230_BK5_LBMP 345035	55.29 -0.61 0.00	54.56 -0.38 0.00	63.44 -0.44 0.00	60.65 -0.30 0.00	71.71 -0.43 0.00	74.55 -0.52 0.00	80.64 -0.73 0.00	71.84 -0.65 0.00	73.68 -0.74 0.00	91.07 -1.10 0.00	98.85 -1.10 0.00	91.34 -1.01 0.00	85.90 -1.04 0.00	85.46 -1.03 0.00	78.50 -1.11 0.00	84.43 -1.38 0.00	86.80 -1.23 0.00	100.84 -1.53 0.00	91.87 -1.21 0.00	77.48 -1.02 0.00	71.98 -0.95 0.00	72.05 -1.02 0.00	72.35 -1.03 0.00	73.26 -0.67 0.00
ST_LAW_230_BK6_LBMP 345036	55.29 -0.61 0.00	54.56 -0.38 0.00	63.44 -0.44 0.00	60.65 -0.30 0.00	71.71 -0.43 0.00	74.55 -0.52 0.00	80.64 -0.73 0.00	71.84 -0.65 0.00	73.68 -0.74 0.00	91.07 -1.10 0.00	98.85 -1.10 0.00	91.34 -1.01 0.00	85.90 -1.04 0.00	85.46 -1.03 0.00	78.50 -1.11 0.00	84.43 -1.38 0.00	86.80 -1.23 0.00	100.84 -1.53 0.00	91.87 -1.21 0.00	77.48 -1.02 0.00	71.98 -0.95 0.00	72.05 -1.02 0.00	72.35 -1.03 0.00	73.26 -0.67 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	111.31 3.13 -52.28	100.54 2.86 -42.75	99.91 3.19 -32.84	97.66 3.05 -33.66	102.91 3.46 -27.31	104.25 3.83 -25.35	122.60 4.48 -36.75	132.90 3.99 -56.42	132.75 4.39 -53.93	138.68 5.44 -41.07	108.06 5.70 -2.42	101.47 5.26 -3.85	97.07 4.87 -5.27	94.12 4.84 -2.79	88.55 4.62 -4.32	91.19 5.23 -0.15	100.52 5.37 -7.12	112.96 6.24 -4.35	104.52 5.58 -5.86	97.15 4.79 -13.86	92.48 4.38 -15.17	85.97 4.38 -8.51	77.64 4.26 0.00	77.84 3.92 0.00
SWANROAD_115KV_TB1 355699	58.62 -6.04 -8.76	55.94 -6.15 -7.16	62.54 -6.84 -5.50	59.77 -6.83 -5.64	68.49 -8.22 -4.57	70.99 -8.33 -4.25	77.11 -10.42 -6.15	69.71 -10.29 -7.52	70.30 -11.31 -7.18	83.91 -13.73 -5.47	85.38 -14.89 -0.33	78.47 -14.41 -0.52	74.52 -13.13 -0.71	73.98 -12.89 -0.38	68.73 -11.46 -0.58	73.73 -12.10 -0.03	75.34 -13.65 -0.95	86.78 -16.17 -0.58	79.53 -14.33 -0.78	68.42 -11.93 -1.85	64.23 -10.72 -2.02	63.83 -10.45 -1.21	64.65 -8.73 0.00	66.01 -7.91 0.00
SYNERGY___BIOGAS 323694	60.79 -3.18 -8.07	58.18 -3.35 -6.60	65.05 -3.90 -5.07	62.13 -4.02 -5.20	71.81 -4.54 -4.22	74.11 -4.88 -3.91	81.03 -6.02 -5.67	74.41 -5.73 -7.65	74.89 -6.85 -7.31	89.45 -8.30 -5.57	91.18 -9.09 -0.33	84.01 -8.87 -0.52	79.75 -7.91 -0.72	79.35 -7.53 -0.38	73.51 -6.69 -0.59	78.79 -7.03 -0.02	81.17 -7.84 -0.97	94.47 -8.50 -0.59	85.59 -8.28 -0.80	73.56 -6.83 -1.88	68.86 -6.13 -2.06	68.35 -5.92 -1.19	68.10 -5.28 0.00	69.34 -4.58 0.00
SYRACUSE___ENERGY_ST1 323597	60.92 -0.73 -5.75	58.76 -0.88 -4.70	66.47 -1.02 -3.61	63.62 -1.04 -3.70	73.91 -1.23 -3.00	76.74 -1.13 -2.79	84.19 -1.22 -4.04	77.69 -1.01 -6.21	79.10 -1.27 -5.93	95.31 -1.38 -4.52	98.61 -1.60 -0.27	91.30 -1.48 -0.42	86.22 -1.30 -0.58	85.42 -1.38 -0.31	78.89 -1.19 -0.48	84.62 -1.20 -0.02	87.50 -1.32 -0.78	101.42 -1.43 -0.48	92.42 -1.30 -0.64	78.93 -1.10 -1.53	73.58 -1.02 -1.67	72.99 -1.02 -0.94	72.35 -1.03 0.00	72.82 -1.11 0.00
SYRACUSE___ENERGY_ST2 323598	60.92 -0.73 -5.75	58.76 -0.88 -4.70	66.47 -1.02 -3.61	63.62 -1.04 -3.70	73.91 -1.23 -3.00	76.74 -1.13 -2.79	84.19 -1.22 -4.04	77.69 -1.01 -6.21	79.10 -1.27 -5.93	95.31 -1.38 -4.52	98.61 -1.60 -0.27	91.30 -1.48 -0.42	86.22 -1.30 -0.58	85.42 -1.38 -0.31	78.89 -1.19 -0.48	84.62 -1.20 -0.02	87.50 -1.32 -0.78	101.42 -1.43 -0.48	92.42 -1.30 -0.64	78.93 -1.10 -1.53	73.58 -1.02 -1.67	72.99 -1.02 -0.94	72.35 -1.03 0.00	72.82 -1.11 0.00
SYRACUSE___POWER 24017	61.07 -0.84 -6.00	58.85 -0.99 -4.91	66.56 -1.09 -3.77	63.72 -1.10 -3.86	73.90 -1.37 -3.13	76.71 -1.28 -2.91	84.29 -1.30 -4.22	77.89 -1.09 -6.48	79.28 -1.34 -6.20	95.32 -1.57 -4.72	98.52 -1.70 -0.28	91.14 -1.66 -0.44	86.07 -1.48 -0.61	85.34 -1.47 -0.32	78.83 -1.27 -0.50	84.54 -1.29 -0.02	87.45 -1.41 -0.82	101.33 -1.54 -0.50	92.36 -1.40 -0.67	78.92 -1.18 -1.59	73.50 -1.17 -1.74	72.88 -1.17 -0.98	72.28 -1.10 0.00	72.74 -1.18 0.00
TALLMAN___138KV_BK151 55660	112.87 3.24 -53.72	101.88 3.02 -43.92	100.88 3.26 -33.74	98.71 3.17 -34.59	103.81 3.61 -28.07	105.10 3.98 -26.05	123.77 4.64 -37.76	134.68 4.20 -57.98	134.46 4.61 -55.42	140.19 5.81 -42.21	108.43 6.00 -2.49	101.85 5.54 -3.95	97.48 5.13 -5.41	94.46 5.10 -2.87	88.99 4.94 -4.44	91.54 5.58 -0.16	100.98 5.63 -7.31	113.39 6.55 -4.47	104.96 5.86 -6.02	97.77 5.02 -14.24	93.12 4.59 -15.59	86.42 4.60 -8.75	77.78 4.40 0.00	77.99 4.07 0.00
TEALLAVE_115KV_TB7 355573	59.80 -1.12 -5.01	57.77 -1.26 -4.10	65.62 -1.41 -3.15	62.78 -1.40 -3.23	73.09 -1.66 -2.62	75.85 -1.65 -2.43	83.19 -1.71 -3.52	76.46 -1.45 -5.41	77.89 -1.71 -5.18	94.18 -1.94 -3.94	98.08 -2.10 -0.23	90.69 -2.03 -0.37	85.62 -1.83 -0.51	84.86 -1.90 -0.27	78.35 -1.67 -0.41	84.10 -1.72 -0.01	86.87 -1.85 -0.68	100.64 -2.15 -0.42	91.69 -1.95 -0.56	78.19 -1.65 -1.33	72.85 -1.53 -1.46	72.36 -1.53 -0.82	71.84 -1.54 0.00	72.30 -1.63 0.00
TELGRAPH_34_KV_EAST 80808	59.64 -4.58 -8.32	56.96 -4.78 -6.81	63.81 -5.30 -5.23	60.95 -5.36 -5.36	70.06 -6.42 -4.35	72.58 -6.53 -4.04	79.17 -8.06 -5.85	72.28 -7.83 -7.62	72.85 -8.86 -7.28	86.93 -10.78 -5.55	88.58 -11.69 -0.33	81.43 -11.45 -0.52	77.40 -10.26 -0.71	76.84 -10.03 -0.38	71.36 -8.84 -0.59	76.48 -9.35 -0.02	78.44 -10.56 -0.96	90.37 -12.59 -0.59	82.80 -11.08 -0.79	71.35 -9.03 -1.87	66.88 -8.10 -2.05	66.24 -8.04 -1.20	66.70 -6.68 0.00	67.94 -5.99 0.00
TEMPLE___115KV_TB 2 55572	59.87 -1.12 -5.08	57.88 -1.21 -4.15	65.73 -1.34 -3.19	62.82 -1.40 -3.27	73.13 -1.66 -2.65	75.96 -1.58 -2.46	83.23 -1.71 -3.57	76.53 -1.45 -5.49	78.04 -1.64 -5.25	94.23 -1.94 -4.00	98.08 -2.10 -0.24	90.70 -2.03 -0.37	85.63 -1.83 -0.51	84.95 -1.82 -0.27	78.44 -1.59 -0.42	84.19 -1.63 -0.01	86.88 -1.85 -0.69	100.75 -2.05 -0.42	91.79 -1.86 -0.57	78.28 -1.57 -1.35	72.87 -1.53 -1.48	72.37 -1.53 -0.83	71.91 -1.47 0.00	72.37 -1.55 0.00
TIANA____69_KV_BK 1 55817	119.12 7.04 -56.17	107.12 6.26 -45.92	105.61 6.45 -35.27	103.27 6.16 -36.16	109.12 7.65 -29.34	110.79 8.48 -27.23	131.03 10.17 -39.49	142.18 9.06 -60.63	145.06 9.53 -61.11	147.92 11.61 -44.14	115.75 13.19 -2.61	109.24 12.19 -4.69	103.38 10.78 -5.66	100.30 10.81 -3.00	94.36 10.11 -4.64	97.98 12.01 -0.16	122.45 12.50 -21.91	125.90 14.64 -8.89	124.31 13.22 -18.01	114.99 11.15 -25.33	101.64 10.28 -18.43	100.37 10.30 -16.99	83.29 9.91 0.00	82.65 8.72 0.00
TILDEN___115KV_TB1 80814	61.07 -0.84 -6.00	58.85 -0.99 -4.91	66.56 -1.09 -3.77	63.72 -1.10 -3.86	73.90 -1.37 -3.13	76.71 -1.28 -2.91	84.29 -1.30 -4.22	77.89 -1.09 -6.48	79.28 -1.34 -6.20	95.32 -1.57 -4.72	98.52 -1.70 -0.28	91.14 -1.66 -0.44	86.07 -1.48 -0.61	85.34 -1.47 -0.32	78.83 -1.27 -0.50	84.54 -1.29 -0.02	87.45 -1.41 -0.82	101.33 -1.54 -0.50	92.36 -1.40 -0.67	78.92 -1.18 -1.59	73.50 -1.17 -1.74	72.88 -1.17 -0.98	72.28 -1.10 0.00	72.74 -1.18 0.00

TRIGEN___CC 323695	116.94 4.86 -56.18	105.31 4.45 -45.92	103.75 4.60 -35.27	101.50 4.39 -36.16	106.81 5.34 -29.34	108.24 5.93 -27.23	127.94 7.08 -39.49	139.36 6.23 -60.64	144.52 6.55 -63.54	144.43 8.11 -44.15	111.26 8.70 -2.62	105.55 8.13 -5.07	100.07 7.48 -5.66	97.01 7.52 -3.00	91.26 7.01 -4.64	94.21 8.24 -0.16	127.35 8.10 -31.21	123.20 9.21 -11.62	127.00 8.28 -25.64	117.81 7.14 -32.16	99.39 6.64 -19.83	101.92 6.72 -22.12	80.06 6.68 0.00	79.76 5.84 0.00
TRINITY___115KV___4 BK 55933	128.35 2.57 -69.88	114.54 2.47 -57.13	110.64 2.87 -43.89	108.69 2.74 -44.99	111.89 3.25 -36.51	112.41 3.45 -33.88	133.99 3.50 -49.12	150.96 2.97 -75.50	149.79 3.20 -72.16	151.19 4.06 -54.96	107.48 4.30 -3.24	101.47 3.97 -5.14	97.90 3.91 -7.05	94.20 3.98 -3.73	89.13 3.74 -5.78	89.70 3.69 -0.20	101.17 3.61 -9.52	112.39 4.20 -5.82	104.73 3.82 -7.84	100.27 3.22 -18.55	96.29 3.06 -20.30	87.60 3.14 -11.39	76.53 3.16 0.00	77.18 3.25 0.00
UNION___PROCESSING_DRP 323587	60.42 -2.52 -7.03	58.05 -2.64 -5.75	65.23 -3.07 -4.42	62.37 -3.11 -4.53	72.13 -3.68 -3.67	74.73 -3.75 -3.41	81.84 -4.48 -4.94	76.07 -4.20 -7.78	76.88 -4.99 -7.44	91.85 -5.99 -5.67	93.68 -6.60 -0.33	86.42 -6.46 -0.53	81.93 -5.74 -0.73	81.26 -5.62 -0.38	75.43 -4.78 -0.60	80.51 -5.32 -0.02	83.12 -5.90 -0.98	95.80 -7.17 -0.60	87.65 -6.24 -0.81	75.31 -5.10 -1.91	70.50 -4.52 -2.09	69.78 -4.46 -1.17	69.05 -4.33 0.00	69.78 -4.14 0.00
UPPER HUDSON___HYD 24058	130.08 2.07 -72.10	117.24 3.35 -58.95	113.07 3.90 -45.29	110.91 3.53 -46.42	114.21 4.40 -37.67	114.69 4.66 -34.96	137.19 5.13 -50.69	154.82 4.42 -77.90	154.17 5.28 -74.46	155.43 6.54 -56.71	110.18 6.89 -3.34	103.85 6.19 -5.31	99.69 5.48 -7.27	95.79 5.45 -3.85	90.59 5.02 -5.97	91.68 5.66 -0.21	103.85 5.99 -9.83	115.75 7.37 -6.01	107.78 6.61 -8.09	102.98 5.34 -19.14	98.98 5.10 -20.95	89.64 4.82 -11.75	77.93 4.55 0.00	78.21 4.29 0.00
UPPER RAQUET___HYD 24056	54.95 -0.95 0.00	54.28 -0.66 0.00	63.18 -0.70 0.00	60.53 -0.42 0.00	71.41 -0.72 0.00	73.95 -1.12 0.00	80.23 -1.14 0.00	71.55 -0.94 0.00	73.31 -1.11 0.00	90.42 -1.75 0.00	98.04 -1.90 0.00	90.70 -1.66 0.00	85.11 -1.83 0.00	84.76 -1.73 0.00	77.70 -1.91 0.00	83.31 -2.49 0.00	85.92 -2.11 0.00	99.81 -2.56 0.00	90.94 -2.14 0.00	76.62 -1.88 0.00	71.18 -1.75 0.00	71.17 -1.90 0.00	71.62 -1.76 0.00	72.74 -1.19 0.00
VALLEY44_115KV_TB2 355964	61.03 -5.53 -10.66	57.94 -5.71 -8.72	64.32 -6.26 -6.70	61.60 -6.22 -6.87	70.28 -7.43 -5.57	72.81 -7.43 -5.17	80.16 -8.71 -7.50	73.70 -8.55 -9.77	74.75 -9.01 -9.33	88.22 -11.06 -7.11	88.48 -11.89 -0.42	82.13 -10.90 -0.67	77.60 -10.26 -0.92	77.12 -9.86 -0.49	71.13 -9.23 -0.75	77.26 -8.58 -0.03	79.50 -9.77 -1.24	92.07 -11.06 -0.76	83.95 -10.15 -1.02	72.35 -8.56 -2.40	67.24 -8.31 -2.63	65.92 -8.70 -1.54	68.76 -4.62 0.00	70.60 -3.33 0.00
VALLEY___115KV_TB 1-4 80826	57.25 1.34 0.00	56.20 1.26 0.00	65.48 1.60 0.00	62.48 1.52 0.00	74.01 1.88 0.00	77.10 2.03 0.00	83.81 2.44 0.00	74.74 2.25 0.00	76.66 2.23 0.00	95.03 2.86 0.00	103.04 3.10 0.00	95.22 2.86 0.00	89.55 2.61 0.00	89.00 2.51 0.00	82.00 2.39 0.00	88.38 2.57 0.00	90.68 2.64 0.00	105.44 3.07 0.00	95.78 2.70 0.00	80.78 2.28 0.00	74.97 2.04 0.00	75.19 2.12 0.00	75.58 2.20 0.00	76.07 2.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	84.06 3.58 -24.58	78.39 3.35 -20.10	83.41 4.09 -15.44	80.50 3.72 -15.83	89.45 4.47 -12.84	91.50 4.50 -11.92	104.02 5.37 -17.28	103.86 5.00 -26.36	104.68 5.06 -25.20	117.72 6.36 -19.19	107.57 6.50 -1.13	100.34 6.19 -1.80	94.88 5.48 -2.46	93.16 5.36 -1.30	86.64 5.02 -2.02	91.45 5.58 -0.07	97.08 5.72 -3.33	111.26 6.86 -2.03	101.87 6.05 -2.74	90.08 5.10 -6.48	84.69 4.67 -7.09	81.73 4.68 -3.98	78.30 4.92 0.00	78.73 4.81 0.00
VISCHER___FERRY HYD 24020	129.47 2.91 -70.66	115.62 2.91 -57.78	111.71 3.45 -44.38	109.68 3.23 -45.50	112.95 3.89 -36.92	113.47 4.13 -34.26	135.35 4.31 -49.67	152.61 3.77 -76.35	151.41 4.02 -72.97	152.73 4.97 -55.58	108.62 5.39 -3.28	102.45 4.89 -5.20	98.58 4.52 -7.13	94.76 4.49 -3.77	89.75 4.30 -5.85	90.64 4.63 -0.21	102.42 4.75 -9.63	113.88 5.63 -5.89	106.03 5.02 -7.93	101.50 4.24 -18.75	97.40 3.94 -20.53	88.53 3.94 -11.51	77.34 3.96 0.00	77.77 3.84 0.00
V_A_10_SYNC_DSASP 323832	59.82 -3.91 -7.83	57.33 -4.01 -6.40	64.14 -4.66 -4.92	61.31 -4.69 -5.04	70.82 -5.41 -4.09	73.09 -5.78 -3.80	79.80 -7.08 -5.51	74.94 -7.18 -9.63	75.66 -7.96 -9.20	89.50 -9.68 -7.01	89.76 -10.60 -0.41	82.85 -10.16 -0.65	78.62 -9.22 -0.90	77.89 -9.08 -0.47	72.38 -7.96 -0.73	76.90 -8.93 -0.02	79.74 -9.51 -1.21	91.74 -11.37 -0.74	83.84 -10.24 -1.00	72.23 -8.64 -2.36	67.86 -7.66 -2.59	67.32 -7.16 -1.41	66.41 -6.97 0.00	67.64 -6.28 0.00
V_CMM_10_SYNC_DSASP 323787	55.57 -0.33 0.00	54.83 -0.11 0.00	63.75 -0.13 0.00	60.95 0.00 0.00	71.99 -0.14 0.00	74.85 -0.22 0.00	80.97 -0.40 0.00	72.13 -0.36 0.00	73.98 -0.44 0.00	91.34 -0.83 0.00	99.25 -0.69 0.00	91.71 -0.64 0.00	86.24 -0.70 0.00	85.80 -0.69 0.00	78.74 -0.87 0.00	84.69 -1.12 0.00	87.16 -0.88 0.00	101.25 -1.12 0.00	92.24 -0.84 0.00	77.80 -0.71 0.00	72.27 -0.66 0.00	72.34 -0.73 0.00	72.65 -0.73 0.00	73.56 -0.37 0.00
V_CMP_10_SYNC_DSASP 323788	56.30 0.39 0.00	55.71 0.77 0.00	64.96 1.08 0.00	62.29 1.34 0.00	73.58 1.44 0.00	76.50 1.42 0.00	82.27 0.90 0.00	73.22 0.72 0.00	75.09 0.67 0.00	91.81 -0.37 0.00	99.75 -0.20 0.00	92.17 -0.18 0.00	86.59 -0.35 0.00	86.23 -0.26 0.00	78.89 -0.72 0.00	84.86 -0.94 0.00	87.60 -0.44 0.00	101.86 -0.51 0.00	92.89 -0.19 0.00	78.27 -0.23 0.00	72.71 -0.22 0.00	72.71 -0.36 0.00	73.38 0.00 0.00	75.10 1.18 0.00
V_D_10_SYNC_DSASP 323841	55.68 -0.22 0.00	54.99 0.05 0.00	63.94 0.06 0.00	61.20 0.24 0.00	72.21 0.07 0.00	75.00 -0.07 0.00	81.21 -0.16 0.00	72.28 -0.22 0.00	74.13 -0.30 0.00	91.53 -0.64 0.00	99.35 -0.60 0.00	91.90 -0.46 0.00	86.42 -0.52 0.00	85.98 -0.52 0.00	78.89 -0.72 0.00	84.78 -1.03 0.00	87.33 -0.71 0.00	101.45 -0.92 0.00	92.43 -0.65 0.00	77.87 -0.63 0.00	72.42 -0.51 0.00	72.49 -0.59 0.00	72.79 -0.59 0.00	73.70 -0.22 0.00
V_E_10_SYNC_DSASP 323830	77.31 3.91 -17.49	72.81 3.57 -14.30	79.40 4.54 -10.99	76.24 4.02 -11.26	86.18 4.91 -9.14	88.89 5.33 -8.48	100.67 7.00 -12.30	97.88 6.74 -18.65	98.57 6.32 -17.82	113.86 8.11 -13.58	108.64 7.89 -0.80	101.11 7.48 -1.27	95.47 6.79 -1.74	93.99 6.57 -0.92	87.80 6.76 -1.43	93.41 7.55 -0.05	98.40 8.01 -2.35	114.45 10.65 -1.44	103.86 8.85 -1.94	90.39 7.30 -4.58	84.51 6.57 -5.02	82.47 6.58 -2.82	80.28 6.90 0.00	80.87 6.95 0.00
V_F_30_NSYNC___DSASP 323816	130.76 2.96 -71.90	116.97 3.24 -58.79	112.87 3.83 -45.16	110.78 3.53 -46.29	114.03 4.33 -37.57	114.44 4.50 -34.86	136.80 4.88 -50.54	154.38 4.20 -77.69	153.45 4.77 -74.25	154.63 5.90 -56.55	109.58 6.30 -3.33	103.28 5.63 -5.29	99.32 5.13 -7.25	95.43 5.10 -3.84	90.34 4.78 -5.95	91.34 5.32 -0.21	103.39 5.55 -9.80	115.01 6.65 -5.99	107.11 5.96 -8.06	102.54 4.95 -19.08	98.49 4.67 -20.89	89.32 4.53 -11.72	77.86 4.48 0.00	78.14 4.21 0.00

V_F_30_SYNC_DSASP 323786	128.99 2.68 -70.40	115.08 2.58 -57.56	111.17 3.07 -44.22	109.15 2.86 -45.33	112.31 3.39 -36.78	112.82 3.60 -34.14	134.61 3.74 -49.49	151.68 3.12 -76.07	150.56 3.42 -72.71	151.97 4.42 -55.38	107.91 4.70 -3.26	101.88 4.34 -5.18	98.21 4.17 -7.10	94.49 4.24 -3.76	89.42 3.98 -5.83	89.96 3.95 -0.20	101.51 3.87 -9.60	112.74 4.50 -5.86	105.16 4.19 -7.90	100.65 3.45 -18.69	96.67 3.28 -20.46	87.83 3.29 -11.47	76.68 3.30 0.00	77.40 3.47 0.00
V_XM_10_SYNC_DSASP 323789	56.30 0.39 0.00	55.71 0.77 0.00	64.96 1.08 0.00	62.29 1.34 0.00	73.58 1.44 0.00	76.50 1.42 0.00	82.27 0.90 0.00	73.22 0.72 0.00	75.09 0.67 0.00	91.81 -0.37 0.00	99.75 -0.20 0.00	92.17 -0.18 0.00	86.59 -0.35 0.00	86.23 -0.26 0.00	78.89 -0.72 0.00	84.86 -0.94 0.00	87.60 -0.44 0.00	101.86 -0.51 0.00	92.89 -0.19 0.00	78.27 -0.23 0.00	72.71 -0.22 0.00	72.71 -0.36 0.00	73.38 0.00 0.00	75.10 1.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	113.39 3.41 -54.07	102.34 3.19 -44.21	101.29 3.45 -33.96	99.12 3.35 -34.82	104.21 3.82 -28.25	105.50 4.20 -26.22	124.26 4.88 -38.01	135.27 4.42 -58.36	135.12 4.91 -55.78	140.74 6.08 -42.48	108.85 6.40 -2.50	102.15 5.82 -3.98	97.78 5.39 -5.45	94.74 5.36 -2.88	89.25 5.17 -4.47	91.80 5.83 -0.16	101.39 5.99 -7.36	113.73 6.86 -4.50	105.28 6.14 -6.06	98.10 5.26 -14.34	93.44 4.81 -15.69	86.70 4.82 -8.80	78.08 4.70 0.00	78.21 4.29 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	116.52 4.47 -56.14	105.07 4.23 -45.91	103.74 4.60 -35.27	101.43 4.33 -36.15	106.52 5.05 -29.33	107.78 5.48 -27.22	127.27 6.43 -39.47	138.89 5.80 -60.60	138.60 6.25 -57.92	144.12 7.83 -44.12	110.84 8.30 -2.60	104.15 7.67 -4.13	99.73 7.13 -5.66	96.58 7.09 -2.99	91.02 6.77 -4.64	93.61 7.64 -0.16	103.34 7.66 -7.64	115.74 8.70 -4.67	107.19 7.82 -6.29	100.07 6.67 -14.89	95.35 6.13 -16.30	88.43 6.21 -9.14	79.40 6.02 0.00	79.54 5.62 0.00
W50THST__13_KV_LOAD 356117	116.80 4.75 -56.14	105.35 4.50 -45.91	104.00 4.85 -35.27	101.74 4.63 -36.15	106.88 5.41 -29.33	108.16 5.86 -27.22	127.76 6.92 -39.47	139.26 6.16 -60.60	139.05 6.70 -57.92	144.68 8.39 -44.12	111.34 8.80 -2.60	104.71 8.22 -4.13	100.25 7.65 -5.66	97.10 7.61 -2.99	91.50 7.24 -4.64	94.12 8.15 -0.16	103.78 8.10 -7.64	116.26 9.21 -4.67	107.56 8.19 -6.29	100.38 6.99 -14.89	95.64 6.42 -16.30	88.72 6.50 -9.14	79.69 6.31 0.00	79.91 5.99 0.00
WADING RIVER_IC_1 23522	118.83 6.76 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.81 8.70 -60.63	144.68 9.15 -61.11	147.46 11.15 -44.14	115.25 12.69 -2.61	108.59 11.54 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	94.04 9.79 -4.64	97.64 11.67 -0.16	122.00 12.06 -21.90	125.29 14.03 -8.89	123.84 12.75 -18.01	114.59 10.76 -25.33	101.27 9.92 -18.43	99.92 9.86 -16.99	82.70 9.32 0.00	82.28 8.35 0.00
WADING RIVER_IC_2 23547	118.83 6.76 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.81 8.70 -60.63	144.68 9.15 -61.11	147.46 11.15 -44.14	115.25 12.69 -2.61	108.59 11.54 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	94.04 9.79 -4.64	97.64 11.67 -0.16	122.00 12.06 -21.90	125.29 14.03 -8.89	123.84 12.75 -18.01	114.59 10.76 -25.33	101.27 9.92 -18.43	99.92 9.86 -16.99	82.70 9.32 0.00	82.28 8.35 0.00
WADING RIVER_IC_3 23601	118.83 6.76 -56.17	106.84 5.99 -45.92	105.29 6.13 -35.27	102.97 5.85 -36.16	108.47 7.00 -29.34	110.19 7.88 -27.23	130.45 9.60 -39.49	141.81 8.70 -60.63	144.68 9.15 -61.11	147.46 11.15 -44.14	115.25 12.69 -2.61	108.59 11.54 -4.69	103.29 10.69 -5.66	99.86 10.37 -3.00	94.04 9.79 -4.64	97.64 11.67 -0.16	122.00 12.06 -21.90	125.29 14.03 -8.89	123.84 12.75 -18.01	114.59 10.76 -25.33	101.27 9.92 -18.43	99.92 9.86 -16.99	82.70 9.32 0.00	82.28 8.35 0.00
WALDENNY_12_KV_BK2 80841	60.45 -4.86 -9.41	57.58 -5.05 -7.69	64.23 -5.56 -5.91	61.47 -5.55 -6.06	70.42 -6.64 -4.92	73.03 -6.61 -4.56	79.77 -8.22 -6.61	72.46 -8.19 -8.16	73.30 -8.93 -7.80	87.33 -10.78 -5.94	88.71 -11.59 -0.36	81.65 -11.27 -0.56	77.45 -10.26 -0.77	76.95 -9.95 -0.41	71.32 -8.92 -0.63	76.74 -9.10 -0.03	78.59 -10.48 -1.03	90.72 -12.28 -0.63	83.13 -10.80 -0.85	71.41 -9.11 -2.01	66.81 -8.31 -2.20	66.05 -8.33 -1.31	67.44 -5.94 0.00	68.82 -5.10 0.00
WALDEN__HYDRO 24148	113.73 3.75 -54.08	102.62 3.46 -44.22	101.75 3.90 -33.97	99.49 3.72 -34.82	104.65 4.26 -28.26	105.95 4.65 -26.22	124.76 5.37 -38.02	135.65 4.78 -58.37	135.43 5.21 -55.79	141.12 6.45 -42.49	109.15 6.70 -2.50	102.43 6.10 -3.98	98.04 5.65 -5.45	95.09 5.71 -2.88	89.49 5.41 -4.47	92.23 6.26 -0.16	101.74 6.34 -7.36	114.34 7.47 -4.50	105.75 6.61 -6.06	98.58 5.73 -14.34	93.88 5.25 -15.70	87.07 5.19 -8.81	78.37 4.99 0.00	78.58 4.66 0.00
WARRENSBURG____ 23737	130.08 2.07 -72.10	117.24 3.35 -58.95	113.07 3.90 -45.29	110.91 3.53 -46.42	114.21 4.40 -37.67	114.69 4.66 -34.96	137.19 5.13 -50.69	154.82 4.42 -77.90	154.17 5.28 -74.46	155.43 6.54 -56.71	110.18 6.89 -3.34	103.85 6.19 -5.31	99.69 5.48 -7.27	95.79 5.45 -3.85	90.59 5.02 -5.97	91.68 5.66 -0.21	103.85 5.99 -9.83	115.75 7.37 -6.01	107.78 6.61 -8.09	102.98 5.34 -19.14	98.98 5.10 -20.95	89.64 4.82 -11.75	77.93 4.55 0.00	78.21 4.29 0.00
WATERSIDE____6 8 9 23538	116.70 4.64 -56.16	105.25 4.40 -45.92	103.95 4.79 -35.28	101.63 4.51 -36.16	106.75 5.27 -29.34	108.02 5.71 -27.23	127.52 6.67 -39.48	139.05 5.94 -60.62	139.90 6.40 -59.07	144.31 8.02 -44.11	110.93 8.40 -2.59	104.33 7.85 -4.12	99.89 7.30 -5.65	96.75 7.27 -2.99	91.17 6.93 -4.63	93.68 7.72 -0.16	103.51 7.84 -7.64	109.66 9.01 1.71	94.75 8.10 6.42	94.62 6.91 -9.21	84.37 6.34 -5.09	88.56 6.50 -8.99	78.51 6.31 1.18	79.84 5.91 -0.01
WATKINRD_115KV_LN8_ILLION 55919	56.97 1.06 0.00	55.98 1.04 0.00	65.16 1.28 0.00	62.11 1.16 0.00	73.58 1.44 0.00	76.65 1.58 0.00	83.16 1.79 0.00	74.16 1.67 0.00	76.14 1.71 0.00	94.29 2.12 0.00	102.24 2.30 0.00	94.48 2.12 0.00	88.85 1.91 0.00	88.40 1.90 0.00	81.44 1.83 0.00	87.78 1.97 0.00	90.06 2.02 0.00	104.72 2.35 0.00	95.13 2.05 0.00	80.23 1.73 0.00	74.53 1.60 0.00	74.68 1.61 0.00	75.07 1.69 0.00	75.55 1.63 0.00
WATSON____69_KV_BK 1 55734	118.78 6.71 -56.17	106.90 6.04 -45.92	105.41 6.26 -35.27	103.03 5.91 -36.16	108.76 7.29 -29.34	110.41 8.11 -27.23	130.54 9.68 -39.49	141.75 8.63 -60.63	144.79 9.15 -61.21	147.37 11.06 -44.14	115.25 12.69 -2.61	108.79 11.73 -4.71	103.12 10.52 -5.66	100.04 10.55 -3.00	94.04 9.79 -4.64	97.47 11.50 -0.16	122.22 11.88 -22.30	125.19 13.82 -9.00	123.79 12.38 -18.33	114.65 10.52 -25.62	101.11 9.70 -18.49	100.07 9.79 -17.21	82.92 9.54 0.00	82.28 8.35 0.00
WDELAWARE__HYD 323627	110.85 4.08 -50.86	100.21 3.68 -41.59	100.11 4.28 -31.95	97.79 4.08 -32.75	103.33 4.62 -26.57	104.85 5.11 -24.66	122.99 5.86 -35.75	132.67 5.29 -54.89	132.54 5.65 -52.46	139.05 6.92 -39.96	109.19 6.89 -2.36	102.38 6.28 -3.74	97.80 5.74 -5.12	94.91 5.71 -2.71	89.30 5.49 -4.20	92.47 6.52 -0.15	101.74 6.78 -6.92	114.59 7.99 -4.23	105.95 7.17 -5.70	98.27 6.28 -13.48	93.38 5.69 -14.76	86.84 5.48 -8.28	78.73 5.35 0.00	78.95 5.03 0.00

WEST BABYLON___IC 23714	118.39 6.32 -56.17	106.57 5.71 -45.92	105.03 5.88 -35.27	102.72 5.61 -36.16	108.40 6.93 -29.34	109.96 7.66 -27.23	130.05 9.19 -39.49	141.24 8.12 -60.63	144.42 8.56 -61.44	146.73 10.42 -44.14	114.25 11.69 -2.61	108.00 10.90 -4.74	102.34 9.74 -5.66	99.35 9.86 -3.00	93.41 9.16 -4.64	96.78 10.81 -0.16	122.19 11.00 -23.15	124.31 12.69 -9.25	123.55 11.45 -19.03	114.49 9.73 -26.25	100.59 9.04 -18.62	99.81 9.06 -17.68	82.26 8.88 0.00	81.76 7.84 0.00
WEST CANADA___HYD 24049	56.24 0.34 0.00	55.21 0.28 0.00	64.27 0.39 0.00	61.32 0.37 0.00	72.57 0.44 0.00	75.53 0.45 0.00	81.95 0.57 0.00	73.00 0.51 0.00	75.02 0.59 0.00	92.91 0.73 0.00	100.74 0.80 0.00	93.09 0.74 0.00	87.63 0.69 0.00	87.18 0.69 0.00	80.24 0.63 0.00	86.49 0.68 0.00	88.74 0.70 0.00	103.18 0.82 0.00	93.82 0.74 0.00	79.13 0.63 0.00	73.51 0.58 0.00	73.66 0.58 0.00	73.96 0.58 0.00	74.45 0.52 0.00
WESTERN_NY_WIND 24143	60.50 -3.58 -8.17	57.88 -3.74 -6.68	64.80 -4.22 -5.13	61.89 -4.33 -5.26	71.28 -5.12 -4.27	73.86 -5.18 -3.96	80.69 -6.43 -5.74	74.04 -6.09 -7.64	74.50 -7.22 -7.30	88.98 -8.76 -5.56	90.58 -9.69 -0.33	83.46 -9.42 -0.52	79.22 -8.43 -0.72	78.74 -8.13 -0.38	73.11 -7.09 -0.59	78.36 -7.47 -0.02	80.46 -8.54 -0.97	92.83 -10.13 -0.59	85.03 -8.84 -0.80	73.32 -7.07 -1.88	68.57 -6.42 -2.06	67.91 -6.36 -1.20	68.10 -5.28 0.00	69.19 -4.73 0.00
WESTOVER___LESR 323668	73.52 -0.56 -18.17	69.08 -0.71 -14.86	74.59 -0.70 -11.42	71.86 -0.79 -11.70	80.69 -0.94 -9.50	82.99 -0.90 -8.81	93.17 -0.98 -12.78	90.66 -1.01 -19.18	91.49 -1.27 -18.33	104.66 -1.47 -13.96	99.17 -1.60 -0.82	92.19 -1.48 -1.31	87.34 -1.39 -1.79	86.14 -1.30 -0.95	79.89 -1.19 -1.47	84.83 -1.03 -0.05	89.31 -1.14 -2.42	102.62 -1.23 -1.48	93.95 -1.12 -1.99	82.20 -1.02 -4.71	77.07 -1.02 -5.16	74.96 -1.02 -2.91	72.94 -0.44 0.00	73.70 -0.22 0.00
WETHRSFD_WT_PWR 323626	61.78 -4.75 -10.62	58.79 -4.83 -8.69	65.25 -5.30 -6.67	62.55 -5.24 -6.84	71.77 -5.91 -5.55	74.22 -6.01 -5.15	81.84 -7.00 -7.47	75.46 -6.89 -9.85	76.25 -7.59 -9.42	90.04 -9.31 -7.17	90.68 -9.69 -0.43	83.52 -9.51 -0.68	79.09 -8.78 -0.92	78.60 -8.39 -0.49	72.80 -7.56 -0.76	78.54 -7.29 -0.03	80.83 -8.45 -1.25	94.53 -8.60 -0.76	85.26 -8.84 -1.03	73.47 -7.46 -2.42	68.80 -6.78 -2.65	67.97 -6.65 -1.55	68.32 -5.06 0.00	69.71 -4.21 0.00
WHAVSTOR_138KV_BK127 55557	113.22 3.19 -54.13	102.16 2.97 -44.26	101.14 3.26 -34.00	98.92 3.11 -34.85	103.95 3.53 -28.28	105.23 3.90 -26.25	123.98 4.56 -38.05	135.05 4.13 -58.42	134.81 4.54 -55.84	140.42 5.71 -42.53	108.35 5.90 -2.51	101.79 5.45 -3.98	97.44 5.04 -5.45	94.40 5.02 -2.89	88.94 4.86 -4.47	91.45 5.49 -0.16	100.95 5.55 -7.37	113.22 6.35 -4.50	104.92 5.77 -6.06	97.80 4.95 -14.35	93.16 4.52 -15.71	86.42 4.53 -8.81	77.71 4.33 0.00	77.92 3.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	113.22 3.19 -54.13	102.16 2.97 -44.26	101.14 3.26 -34.00	98.92 3.11 -34.85	103.95 3.53 -28.28	105.23 3.90 -26.25	123.98 4.56 -38.05	135.05 4.13 -58.42	134.81 4.54 -55.84	140.42 5.71 -42.53	108.35 5.90 -2.51	101.79 5.45 -3.98	97.44 5.04 -5.45	94.40 5.02 -2.89	88.94 4.86 -4.47	91.45 5.49 -0.16	100.95 5.55 -7.37	113.22 6.35 -4.50	104.92 5.77 -6.06	97.80 4.95 -14.35	93.16 4.52 -15.71	86.42 4.53 -8.81	77.71 4.33 0.00	77.92 3.99 0.00
WHITEHAL_115KV_TB1 80871	130.72 2.80 -72.02	117.72 3.90 -58.89	113.65 4.54 -45.24	111.41 4.08 -46.37	114.88 5.12 -37.63	115.48 5.48 -34.92	138.10 6.10 -50.63	155.53 5.22 -77.81	155.13 6.33 -74.37	156.75 7.93 -56.65	111.58 8.30 -3.34	105.05 7.39 -5.30	100.64 6.43 -7.26	96.65 6.31 -3.84	91.46 5.89 -5.96	92.71 6.69 -0.21	104.98 7.13 -9.82	117.17 8.80 -6.00	109.07 7.91 -8.08	104.06 6.44 -19.12	99.91 6.05 -20.93	90.51 5.70 -11.74	78.74 5.36 0.00	78.95 5.03 0.00
WHITEPLN_13_KV_LOAD 356215	116.35 4.42 -56.03	104.93 4.18 -45.82	103.61 4.54 -35.20	101.36 4.33 -36.08	106.39 4.98 -29.28	107.65 5.41 -27.17	127.19 6.43 -39.39	138.77 5.80 -60.48	138.56 6.33 -57.81	144.13 7.93 -44.03	110.94 8.40 -2.60	104.24 7.76 -4.12	99.80 7.22 -5.65	96.57 7.09 -2.99	91.09 6.85 -4.63	93.52 7.55 -0.16	103.41 7.75 -7.63	116.04 9.01 -4.66	107.36 8.00 -6.28	100.19 6.83 -14.86	95.39 6.20 -16.27	88.41 6.21 -9.12	79.40 6.02 0.00	79.62 5.69 0.00
WM_FLOYD_69_KV_BK2 356380	118.67 6.60 -56.17	106.73 5.88 -45.92	105.16 6.00 -35.27	102.84 5.73 -36.16	108.55 7.07 -29.34	110.19 7.88 -27.23	130.38 9.52 -39.49	141.60 8.48 -60.63	144.47 8.93 -61.11	147.19 10.88 -44.14	115.05 12.49 -2.61	108.59 11.54 -4.69	102.86 10.26 -5.66	99.78 10.29 -3.00	93.89 9.63 -4.64	97.38 11.41 -0.16	121.76 11.80 -21.93	124.99 13.72 -8.90	123.49 12.38 -18.03	114.30 10.44 -25.35	100.99 9.63 -18.43	99.72 9.65 -17.00	82.70 9.32 0.00	82.13 8.21 0.00
WOODARD___115KV_TB2 355635	59.84 -1.17 -5.11	57.85 -1.26 -4.18	65.62 -1.47 -3.21	62.78 -1.46 -3.29	73.07 -1.73 -2.67	75.83 -1.73 -2.48	83.17 -1.79 -3.59	76.42 -1.59 -5.52	77.92 -1.79 -5.28	94.17 -2.03 -4.02	97.88 -2.30 -0.24	90.61 -2.12 -0.38	85.46 -2.00 -0.52	84.78 -1.99 -0.27	78.28 -1.75 -0.42	84.02 -1.80 -0.01	86.80 -1.94 -0.70	100.54 -2.25 -0.43	91.61 -2.05 -0.57	78.14 -1.73 -1.36	72.81 -1.60 -1.49	72.30 -1.61 -0.83	71.77 -1.61 0.00	72.22 -1.70 0.00
YORK___WARBASSE 23770	117.15 5.09 -56.16	105.58 4.72 -45.92	104.33 5.17 -35.28	101.99 4.88 -36.16	107.18 5.70 -29.35	108.47 6.16 -27.24	128.01 7.16 -39.48	139.49 6.38 -60.62	140.60 6.92 -59.25	194.82 8.76 -93.89	111.80 9.20 -2.66	221.66 8.50 -120.81	217.19 7.91 -122.34	173.08 7.87 -78.72	208.50 7.56 -121.32	94.40 8.32 -0.28	232.41 8.45 -135.93	226.15 9.83 -113.96	246.88 8.84 -144.96	340.77 7.54 -254.73	174.69 6.93 -94.83	152.51 7.09 -72.35	159.47 6.90 -79.19	80.36 6.43 -0.01