

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										01/10/2025	
Generator Data																											
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		118.82	112.13	104.34	101.78	105.13	110.14	137.86	158.08	134.59	121.16	103.58	94.68	91.91	92.49	93.41	104.10	121.15	157.60	147.09	119.20	116.12	105.28	103.51	103.03		
24138		5.85	5.71	5.78	5.85	6.38	6.70	7.88	9.27	9.97	9.95	9.97	9.39	9.48	9.54	9.71	10.35	10.35	13.22	11.05	10.87	10.25	9.13	8.20	7.62		
		-46.52	-40.05	-32.11	-28.64	-24.51	-26.43	-45.31	-62.96	-37.89	-25.39	-6.88	-2.85	0.00	0.00	0.00	-3.75	-19.20	-29.38	-38.23	-11.25	-14.33	-9.96	-11.66	-13.47		
74TH STREET_GT_1		118.82	112.14	104.35	101.79	105.13	110.00	137.70	157.66	133.99	120.74	103.24	94.36	91.67	92.08	93.17	103.93	120.97	157.27	146.81	119.01	116.03	105.20	103.67	103.28		
24260		5.85	5.71	5.78	5.85	6.38	6.55	7.71	8.84	9.37	9.53	9.63	9.07	9.23	9.13	9.46	10.17	10.17	12.88	10.76	10.68	10.16	9.05	8.36	7.87		
		-46.53	-40.06	-32.12	-28.65	-24.52	-26.43	-45.32	-62.97	-37.90	-25.39	-6.88	-2.85	0.00	0.00	0.00	-3.75	-19.20	-29.39	-38.24	-11.25	-14.33	-9.97	-11.66	-13.48		
74TH STREET_GT_2		118.82	112.14	104.35	101.79	105.13	110.00	137.70	157.66	133.99	120.74	103.24	94.36	91.67	92.08	93.17	103.93	120.97	157.27	146.81	119.01	116.03	105.20	103.67	103.28		
24261		5.85	5.71	5.78	5.85	6.38	6.55	7.71	8.84	9.37	9.53	9.63	9.07	9.23	9.13	9.46	10.17	10.17	12.88	10.76	10.68	10.16	9.05	8.36	7.87		
		-46.53	-40.06	-32.12	-28.65	-24.52	-26.43	-45.32	-62.97	-37.90	-25.39	-6.88	-2.85	0.00	0.00	0.00	-3.75	-19.20	-29.39	-38.24	-11.25	-14.33	-9.97	-11.66	-13.48		
ADK HUDSON___FALLS		134.74	125.86	115.09	111.32	113.39	168.13	176.29	178.70	194.01	127.12	103.04	92.39	88.46	89.09	90.15	97.63	106.56	124.28	107.53	120.80	117.64	106.69	106.07	106.26		
24011		5.51	5.44	5.32	5.38	6.09	6.62	7.54	7.90	7.98	7.04	7.03	6.10	6.02	6.14	6.45	7.47	7.97	10.69	8.80	8.54	7.78	7.07	6.69	6.15		
		-62.78	-54.04	-43.33	-38.65	-33.08	-84.49	-84.08	-84.96	-99.30	-34.26	-9.28	-3.85	0.00	0.00	0.00	-0.15	-6.99	1.41	-0.91	-15.18	-18.32	-13.45	-15.73	-18.18		
ADK RESOURCE___RCVRY		135.11	126.23	115.45	111.68	113.79	168.85	176.98	179.37	194.96	127.48	103.56	92.72	88.79	89.43	90.57	98.07	107.10	124.94	108.09	121.40	118.20	107.22	106.41	106.69		
23798		5.85	5.77	5.64	5.72	6.45	7.01	8.05	8.50	8.59	7.38	7.54	6.43	6.35	6.47	6.87	7.92	8.52	11.39	9.39	9.12	8.33	7.59	7.03	6.56		
		-62.82	-54.08	-43.36	-38.68	-33.10	-84.82	-84.26	-85.02	-99.64	-34.28	-9.29	-3.85	0.00	0.00	0.00	-0.14	-6.98	1.44	-0.88	-15.19	-18.33	-13.46	-15.74	-18.19		
ADK S GLENS___FALLS		134.74	125.86	115.09	111.32	113.39	168.13	176.29	178.70	194.01	127.12	103.04	92.39	88.46	89.09	90.15	97.63	106.56	124.28	107.53	120.80	117.64	106.69	106.07	106.26		
24028		5.51	5.44	5.32	5.38	6.09	6.62	7.54	7.90	7.98	7.04	7.03	6.10	6.02	6.14	6.45	7.47	7.97	10.69	8.80	8.54	7.78	7.07	6.69	6.15		
		-62.78	-54.04	-43.33	-38.65	-33.08	-84.49	-84.08	-84.96	-99.30	-34.26	-9.28	-3.85	0.00	0.00	0.00	-0.15	-6.99	1.41	-0.91	-15.18	-18.32	-13.45	-15.73	-18.18		
ADK_NYS___DAM		131.69	123.13	112.97	109.36	111.50	149.94	165.01	173.76	174.99	125.25	101.74	92.08	88.45	88.93	89.90	97.33	106.81	125.53	109.48	119.37	116.58	105.86	105.15	105.60		
23527		4.79	4.71	4.79	4.85	5.42	5.70	6.01	6.10	6.59	6.44	6.07	5.94	6.01	5.98	6.19	6.84	7.15	9.08	7.73	7.67	7.33	6.73	6.35	6.15		
		-60.46	-52.05	-41.73	-37.22	-31.86	-67.22	-74.33	-81.82	-81.68	-32.99	-8.94	-3.71	0.00	0.00	0.00	-0.48	-8.06	-1.45	-3.94	-14.62	-17.71	-12.95	-15.15	-17.51		
AIR_PRODUCTS___DRP		129.63	121.17	110.87	107.21	109.08	133.81	156.01	170.87	158.27	122.26	99.45	89.71	85.98	86.52	86.14	92.81	100.70	116.72	100.20	114.79	112.01	101.87	102.06	102.58		
24190		2.39	2.46	2.46	2.49	2.82	2.93	3.05	2.75	2.95	3.26	3.73	3.54	3.54	3.57	2.43	2.79	2.84	3.79	3.33	3.01	2.75	2.67	3.18	3.03		
		-60.80	-52.34	-41.97	-37.43	-32.03	-53.87	-68.29	-82.28	-68.59	-33.18	-8.99	-3.73	0.00	0.00	0.00	-0.01	-6.26	2.07	0.94	-14.70	-17.72	-13.02	-15.23	-17.61		
AKWESSNE_115KV_BK		65.32	65.31	65.32	66.14	72.82	75.25	82.22	83.44	83.61	82.99	83.69	80.05	80.05	80.55	81.28	86.77	88.49	110.86	94.49	93.78	88.43	84.11	81.80	80.63		
355683		-1.13	-1.06	-1.13	-1.14	-1.41	-1.77	-2.46	-2.40	-3.12	-2.83	-3.04	-2.39	-2.39	-2.41	-2.43	-3.24	-3.11	-4.14	-3.33	-3.30	-3.11	-2.07	-1.84	-1.31		
		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		129.27	120.92	110.86	107.31	109.33	127.37	152.79	170.23	151.54	121.86	99.24	89.38	85.65	86.36	86.89	94.05	102.59	120.63	104.03	115.83	112.94	102.79	102.55	103.08		
323833		3.39	3.38	3.39	3.43	3.78	4.00	4.32	3.95	3.99	3.60	3.73	3.30	3.21	3.40	3.18	3.87	4.22	5.63	4.79	4.37	4.02	3.88	4.01	3.93		
		-59.43	-51.16	-41.03	-36.59	-31.32	-46.35	-63.80	-80.44	-60.82	-32.43	-8.79	-3.64	0.00	0.00	0.00	-0.18	-6.77	0.00	-1.42	-14.37	-17.38	-12.73	-14.89	-17.21		
ALBANY_2_SOLAR		129.27	120.93	110.86	107.31	109.33	127.29	152.79	170.24	151.45	121.86	99.16	89.38	85.65	86.36	86.89	94.05	102.49	119.95	103.16	115.72	112.93	102.70	102.56	103.09		
323834		3.39	3.38	3.39	3.43	3.78	3.93	4.32	3.95	3.91	3.60	3.64	3.30	3.21	3.40	3.18	3.87	4.13	5.63	4.79	4.27	4.02	3.79	4.01	3.93		
		-59.44	-51.17	-41.03	-36.60	-31.32	-46.34	-63.80	-80.45	-60.82	-32.44	-8.79	-3.64	0.00	0.00	0.00	-0.18	-6.77	0.68	-0.55	-14.37	-17.36	-12.73	-14.90	-17.21		
ALBANY___1		129.63	121.17	110.87	107.21	109.08	133.81	156.01	170.87	158.27	122.26	99.45	89.71	85.98	86.52	86.14	92.81	100.70	116.72	100.20	114.79	112.01	101.87	102.06	102.58		
23571		2.39	2.46	2.46	2.49	2.82	2.93	3.05	2.75	2.95	3.26	3.73	3.54	3.54	3.57	2.43	2.79	2.84	3.79	3.33	3.01	2.75	2.67	3.18	3.03		
		-60.80	-52.34	-41.97	-37.43	-32.03	-53.87	-68.29	-82.28	-68.59	-33.18	-8.99	-3.73	0.00	0.00	0.00	-0.01	-6.26	2.07	0.94	-14.70	-17.72	-13.02	-15.23	-17.61		

ALBANY___2 23572	129.63 2.39 -60.80	121.17 2.46 -52.34	110.87 2.46 -41.97	107.21 2.49 -37.43	109.08 2.82 -32.03	133.81 2.93 -53.87	156.01 3.05 -68.29	170.87 2.75 -82.28	158.27 2.95 -68.59	122.26 3.26 -33.18	99.45 3.73 -8.99	89.71 3.54 -3.73	85.98 3.54 0.00	86.52 3.57 0.00	86.14 2.43 0.00	92.81 2.79 -0.01	100.70 2.84 -6.26	116.72 3.79 2.07	100.20 3.33 0.94	114.79 3.01 -14.70	112.01 2.75 -17.72	101.87 2.67 -13.02	102.06 3.18 -15.23	102.58 3.03 -17.61
ALBANY___3 23573	129.63 2.39 -60.80	121.17 2.46 -52.34	110.87 2.46 -41.97	107.21 2.49 -37.43	109.08 2.82 -32.03	133.81 2.93 -53.87	156.01 3.05 -68.29	170.87 2.75 -82.28	158.27 2.95 -68.59	122.26 3.26 -33.18	99.45 3.73 -8.99	89.71 3.54 -3.73	85.98 3.54 0.00	86.52 3.57 0.00	86.14 2.43 0.00	92.81 2.79 -0.01	100.70 2.84 -6.26	116.72 3.79 2.07	100.20 3.33 0.94	114.79 3.01 -14.70	112.01 2.75 -17.72	101.87 2.67 -13.02	102.06 3.18 -15.23	102.58 3.03 -17.61
ALBANY___4 23574	129.63 2.39 -60.80	121.17 2.46 -52.34	110.87 2.46 -41.97	107.21 2.49 -37.43	109.08 2.82 -32.03	133.81 2.93 -53.87	156.01 3.05 -68.29	170.87 2.75 -82.28	158.27 2.95 -68.59	122.26 3.26 -33.18	99.45 3.73 -8.99	89.71 3.54 -3.73	85.98 3.54 0.00	86.52 3.57 0.00	86.14 2.43 0.00	92.81 2.79 -0.01	100.70 2.84 -6.26	116.72 3.79 2.07	100.20 3.33 0.94	114.79 3.01 -14.70	112.01 2.75 -17.72	101.87 2.67 -13.02	102.06 3.18 -15.23	102.58 3.03 -17.61
ALBANY___LFGE 323615	130.84 2.99 -61.40	122.29 3.05 -52.86	111.89 3.06 -42.38	108.19 3.10 -37.80	110.00 3.42 -32.35	144.20 3.54 -63.64	161.96 3.98 -73.31	172.63 3.69 -83.10	169.02 3.91 -78.38	123.36 4.03 -33.51	100.31 4.51 -9.08	90.40 4.20 -3.76	86.56 4.12 0.00	87.18 4.23 0.00	86.97 3.26 0.00	93.77 3.69 -0.07	101.92 3.76 -6.56	118.26 5.05 1.80	101.83 4.30 0.29	115.91 3.98 -14.85	113.12 3.67 -17.91	102.87 3.53 -13.15	102.88 3.85 -15.39	103.41 3.69 -17.78
ALCOA_PA_115KV_PL-6C 55860	65.52 -0.93 0.00	65.44 -0.93 0.00	65.45 -1.00 0.00	66.28 -1.01 0.00	72.89 -1.34 0.00	75.33 -1.69 0.00	82.30 -2.37 0.00	83.44 -2.40 0.00	83.09 -3.64 0.00	82.64 -3.18 0.00	83.00 -3.73 0.00	79.96 -2.47 0.00	79.88 -2.56 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	85.78 -4.23 0.00	87.48 -4.12 0.00	109.59 -5.40 0.00	93.41 -4.40 0.00	92.81 -4.27 0.00	87.42 -4.12 0.00	83.94 -2.24 0.00	81.97 -1.67 0.00	80.79 -1.15 0.00
ALCOA_RYNLDS___DRP 24188	65.52 -0.93 0.00	65.44 -0.93 0.00	65.45 -1.00 0.00	66.28 -1.01 0.00	72.89 -1.34 0.00	75.33 -1.69 0.00	82.30 -2.37 0.00	83.44 -2.40 0.00	83.09 -3.64 0.00	82.64 -3.18 0.00	83.00 -3.73 0.00	79.96 -2.47 0.00	79.88 -2.56 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	85.78 -4.23 0.00	87.48 -4.12 0.00	109.59 -5.40 0.00	93.41 -4.40 0.00	92.81 -4.27 0.00	87.42 -4.12 0.00	83.94 -2.24 0.00	81.97 -1.67 0.00	80.79 -1.15 0.00
ALCOA___DSASP 323711	65.52 -0.93 0.00	65.58 -0.79 0.00	65.52 -0.93 0.00	66.28 -1.01 0.00	73.12 -1.11 0.00	75.33 -1.69 0.00	82.39 -2.28 0.00	82.50 -3.35 0.00	82.66 -4.07 0.00	82.47 -3.35 0.00	82.66 -4.07 0.00	79.88 -2.56 0.00	79.97 -2.47 0.00	80.63 -2.32 0.00	81.28 -2.43 0.00	85.78 -4.23 0.00	87.48 -4.12 0.00	109.59 -5.40 0.00	93.42 -4.40 0.00	92.81 -4.27 0.00	87.43 -4.12 0.00	82.73 -3.45 0.00	81.97 -1.67 0.00	80.63 -1.31 0.00
ALLEGHENY___COGEN 23514	74.44 -0.73 -8.72	72.82 -1.06 -7.51	71.74 -0.73 -6.02	72.66 0.00 -5.37	78.90 0.07 -4.60	83.10 1.00 -5.08	95.26 2.03 -8.56	95.85 -1.81 -11.81	91.46 -2.52 -7.24	86.98 -3.60 -4.76	84.12 -3.90 -1.29	78.28 -4.70 -0.53	77.49 -4.94 0.00	77.98 -4.98 0.00	79.44 -4.27 0.00	86.44 -3.78 -0.21	90.00 -3.29 -1.69	112.01 -4.37 -1.38	96.00 -3.72 -1.90	95.02 -4.17 -2.11	95.96 1.83 -2.58	89.26 1.21 -1.87	86.17 0.34 -2.19	85.20 0.74 -2.53
ALTAMONT_115KV_TB 2 55880	129.75 2.59 -60.72	121.30 2.65 -52.27	111.01 2.66 -41.91	107.36 2.69 -37.38	109.19 2.97 -31.99	128.49 3.08 -48.39	153.81 3.47 -65.66	171.45 3.43 -82.17	153.53 3.64 -63.16	122.56 3.60 -33.13	99.44 3.73 -8.98	89.62 3.46 -3.72	85.90 3.46 0.00	86.44 3.48 0.00	86.97 3.26 0.00	93.60 3.69 0.10	101.18 3.76 -5.82	116.68 4.83 3.14	99.28 4.01 2.54	115.65 3.88 -14.68	112.88 3.66 -17.67	102.63 3.45 -13.00	102.29 3.43 -15.21	102.72 3.20 -17.58
ALTONA_WT_PWR 323606	64.59 -1.86 0.00	64.72 -1.66 0.00	64.59 -1.86 0.00	65.40 -1.88 0.00	72.15 -2.08 0.00	74.48 -2.54 0.00	81.03 -3.64 0.00	82.32 -3.52 0.00	82.83 -3.90 0.00	82.22 -3.60 0.00	83.09 -3.64 0.00	79.72 -2.72 0.00	79.97 -2.47 0.00	80.72 -2.24 0.00	81.53 -2.18 0.00	87.04 -2.97 0.00	88.86 -2.75 0.00	111.20 -3.79 0.00	94.88 -2.93 0.00	94.26 -2.82 0.00	88.80 -2.74 0.00	83.94 -2.24 0.00	82.14 -1.50 0.00	81.45 -0.49 0.00
AMERICAN_REF_FUEL 24010	67.55 -6.64 -7.75	66.21 -6.84 -6.67	65.28 -6.51 -5.35	65.53 -6.53 -4.77	70.82 -7.49 -4.08	73.95 -7.55 -4.48	83.62 -8.64 -7.59	87.83 -8.50 -10.48	84.20 -8.93 -6.40	80.61 -9.44 -4.23	78.68 -9.20 -1.15	73.51 -9.40 -0.47	72.79 -9.65 0.00	72.92 -10.04 0.00	74.25 -9.46 0.00	80.11 -10.08 -0.18	82.29 -10.81 -1.50	102.77 -13.45 -1.23	87.86 -11.64 -1.69	87.40 -11.55 -1.87	83.31 -10.52 -2.29	77.84 -10.00 -1.66	75.46 -10.12 -1.94	75.58 -8.60 -2.24
ARKWRIGHT___SUMMIT_WT_PWR 323751	71.69 -3.39 -8.63	70.15 -3.65 -7.43	69.21 -3.19 -5.96	69.44 -3.16 -5.31	75.14 -3.64 -4.55	78.73 -3.31 -5.02	89.50 -3.64 -8.47	94.26 -3.26 -11.68	90.08 -3.81 -7.16	86.06 -4.47 -4.71	83.93 -4.07 -1.28	78.35 -4.61 -0.53	77.90 -4.53 0.00	79.22 -3.73 0.00	80.70 -3.01 0.00	85.35 -4.86 -0.20	87.68 -5.59 -1.67	111.54 -4.83 -1.37	93.94 -5.77 -1.89	92.86 -6.31 -2.09	88.34 -5.76 -2.56	82.77 -5.26 -1.85	80.04 -5.77 -2.16	79.85 -4.59 -2.50
ARTHUR KILL_GT_1 23520	112.53 5.45 -40.64	111.54 5.11 -40.06	104.15 5.58 -32.12	101.59 5.65 -28.65	104.84 6.09 -24.52	109.84 6.39 -26.43	112.47 7.02 -20.77	135.37 8.76 -40.76	121.76 9.28 -25.74	118.84 9.27 -23.75	106.69 9.28 -10.67	100.40 8.73 -9.23	100.41 8.83 -9.15	100.41 8.88 -8.58	100.42 9.04 -7.67	103.40 9.64 -3.76	120.52 9.71 -19.21	133.39 12.54 -5.86	123.21 10.57 -14.83	118.83 10.49 -11.26	113.16 9.89 -11.73	105.12 8.96 -9.97	103.60 8.28 -11.67	138.33 7.79 -48.60
ARTHUR_KILL_2 23512	112.27 5.19 -40.64	111.34 4.91 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.61 5.86 -24.52	109.53 6.08 -26.43	112.22 6.78 -20.77	135.03 8.42 -40.76	121.49 9.02 -25.74	118.49 8.93 -23.75	106.42 9.02 -10.67	100.16 8.49 -9.23	100.16 8.57 -9.15	100.16 8.63 -8.58	100.16 8.79 -7.67	103.04 9.27 -3.76	120.25 9.44 -19.21	132.93 12.07 -5.86	122.82 10.17 -14.83	118.44 10.10 -11.26	112.79 9.52 -11.73	104.77 8.62 -9.97	103.34 8.03 -11.67	138.00 7.46 -48.60
ARTHUR_KILL_3 23513	112.12 5.05 -40.63	111.26 4.84 -40.05	103.47 4.92 -32.11	100.90 4.98 -28.64	104.15 5.42 -24.51	109.14 5.70 -26.42	112.12 6.69 -20.76	134.66 8.07 -40.75	121.13 8.67 -25.73	118.14 8.58 -23.74	106.15 8.76 -10.66	99.90 8.24 -9.22	99.90 8.32 -9.14	99.90 8.38 -8.57	99.99 8.62 -7.66	102.76 9.00 -3.75	119.79 8.98 -19.20	132.12 11.28 -5.85	122.12 9.49 -14.82	117.75 9.41 -11.25	112.14 8.88 -11.72	104.34 8.19 -9.97	102.75 7.44 -11.66	137.35 6.80 -48.61

ARTHUR_KILL_COGEN 323718	112.53 5.45 -40.64	111.54 5.11 -40.06	104.15 5.58 -32.12	101.59 5.65 -28.65	104.84 6.09 -24.52	109.84 6.39 -26.43	112.47 7.02 -20.77	135.37 8.76 -40.76	121.76 9.28 -25.74	118.84 9.27 -23.75	106.69 9.28 -10.67	100.40 8.73 -9.23	100.41 8.83 -9.15	100.41 8.88 -8.58	100.42 9.04 -7.67	103.40 9.64 -3.76	120.52 9.71 -19.21	133.39 12.54 -5.86	123.21 10.57 -14.83	118.83 10.49 -11.26	113.16 9.89 -11.73	105.12 8.96 -9.97	103.60 8.28 -11.67	138.33 7.79 -48.60
ASHOKAN____ 23654	125.57 5.12 -54.00	117.78 4.91 -46.49	108.77 5.05 -37.28	105.65 5.11 -33.25	108.48 5.79 -28.46	122.83 6.01 -39.80	148.67 7.11 -56.88	167.52 8.58 -73.09	148.47 8.76 -52.98	122.85 7.55 -29.47	100.53 5.81 -7.98	90.69 4.95 -3.31	87.05 4.61 0.00	88.27 5.31 0.00	91.74 8.04 0.00	101.39 9.99 -1.39	114.03 11.54 -10.88	140.01 15.41 -9.60	123.79 12.52 -13.45	118.69 8.55 -13.06	115.71 8.14 -16.03	104.29 6.55 -11.57	103.03 5.85 -13.53	102.58 5.00 -15.64
ASTORIA_EAST_ENERGY_CC1 323581	118.62 5.64 -46.53	111.47 5.04 -40.05	103.74 5.19 -32.11	101.18 5.25 -28.64	104.38 5.64 -24.51	109.45 6.01 -26.42	136.84 6.86 -45.31	157.14 8.32 -62.97	133.64 9.02 -37.89	120.21 9.01 -25.39	102.54 8.94 -6.87	93.77 8.49 -2.84	91.16 8.73 0.01	91.57 8.63 0.01	92.57 8.87 0.01	103.11 9.36 -3.74	120.05 9.25 -19.20	156.34 11.96 -29.38	145.92 9.88 -38.23	118.23 9.91 -11.24	115.21 9.34 -14.32	104.59 8.45 -9.96	103.00 7.69 -11.67	102.62 7.21 -13.47
ASTORIA_EAST_ENERGY_CC2 323582	118.62 5.64 -46.53	111.47 5.04 -40.05	103.74 5.19 -32.11	101.18 5.25 -28.64	104.38 5.64 -24.51	109.45 6.01 -26.42	136.84 6.86 -45.31	157.23 8.42 -62.97	133.64 9.02 -37.89	120.21 9.01 -25.39	102.54 8.94 -6.87	93.77 8.49 -2.84	91.16 8.73 0.01	91.66 8.71 0.01	92.57 8.87 0.01	103.11 9.36 -3.74	120.05 9.25 -19.20	156.34 11.96 -29.38	145.92 9.88 -38.23	118.23 9.91 -11.24	115.21 9.34 -14.32	104.59 8.45 -9.96	103.00 7.69 -11.67	102.62 7.21 -13.47
ASTORIA_GT2_1 24094	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT2_2 24095	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT2_3 24096	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT2_4 24097	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT3_1 24098	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT3_2 24099	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT3_3 24100	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT3_4 24101	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT4_1 24102	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT4_2 24103	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT4_3 24104	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47

ASTORIA_GT4_4 24105	118.63 5.65 -46.53	111.48 5.04 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.30 5.85 -26.43	136.85 6.86 -45.32	156.88 8.07 -62.97	133.21 8.59 -37.90	120.04 8.84 -25.39	102.45 8.85 -6.87	93.69 8.41 -2.84	91.09 8.66 0.01	91.41 8.46 0.01	92.49 8.79 0.01	103.20 9.45 -3.74	120.14 9.34 -19.20	156.45 12.07 -29.38	146.02 9.98 -38.23	118.23 9.90 -11.24	115.29 9.43 -14.32	104.50 8.36 -9.96	103.01 7.70 -11.67	102.78 7.37 -13.47
ASTORIA_GT_1 23523	118.76 5.78 -46.53	111.60 5.18 -40.05	103.88 5.32 -32.11	101.31 5.38 -28.64	104.53 5.79 -24.51	109.61 6.16 -26.42	137.01 7.02 -45.31	157.40 8.58 -62.97	133.90 9.28 -37.89	120.39 9.19 -25.39	102.79 9.19 -6.87	94.02 8.73 -2.84	91.34 8.91 0.01	91.83 8.88 0.01	92.74 9.04 0.01	103.39 9.64 -3.74	120.32 9.53 -19.20	156.69 12.31 -29.38	146.22 10.17 -38.23	118.42 10.10 -11.24	115.47 9.61 -14.32	104.84 8.70 -9.96	103.17 7.86 -11.67	102.78 7.38 -13.47
ASTORIA_GT_10 24110	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.12 8.96 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
ASTORIA_GT_11 24225	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.12 8.96 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
ASTORIA_GT_12 24226	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.12 8.96 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
ASTORIA_GT_13 24227	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.12 8.96 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
ASTORIA_GT_5 24106	118.76 5.78 -46.53	111.61 5.18 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.46 6.01 -26.43	137.02 7.03 -45.32	157.05 8.24 -62.97	133.39 8.76 -37.90	120.22 9.01 -25.39	102.62 9.02 -6.87	93.86 8.57 -2.84	91.25 8.82 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.38 9.63 -3.74	120.32 9.53 -19.20	156.68 12.30 -29.38	146.22 10.17 -38.23	118.42 10.10 -11.24	115.48 9.61 -14.32	104.67 8.53 -9.96	103.18 7.86 -11.67	102.95 7.54 -13.47
ASTORIA_GT_7 24107	118.76 5.78 -46.53	111.61 5.18 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.46 6.01 -26.43	137.02 7.03 -45.32	157.05 8.24 -62.97	133.39 8.76 -37.90	120.22 9.01 -25.39	102.62 9.02 -6.87	93.86 8.57 -2.84	91.25 8.82 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.38 9.63 -3.74	120.32 9.53 -19.20	156.68 12.30 -29.38	146.22 10.17 -38.23	118.42 10.10 -11.24	115.48 9.61 -14.32	104.67 8.53 -9.96	103.18 7.86 -11.67	102.95 7.54 -13.47
ASTORIA_GT_8 24108	118.76 5.78 -46.53	111.61 5.18 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.46 6.01 -26.43	137.02 7.03 -45.32	157.05 8.24 -62.97	133.39 8.76 -37.90	120.22 9.01 -25.39	102.62 9.02 -6.87	93.86 8.57 -2.84	91.25 8.82 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.38 9.63 -3.74	120.32 9.53 -19.20	156.68 12.30 -29.38	146.22 10.17 -38.23	118.42 10.10 -11.24	115.48 9.61 -14.32	104.67 8.53 -9.96	103.18 7.86 -11.67	102.95 7.54 -13.47
ASTORIA___2 24149	118.62 5.64 -46.53	111.47 5.04 -40.05	103.74 5.19 -32.11	101.18 5.25 -28.64	104.38 5.64 -24.51	109.45 6.01 -26.42	136.93 6.94 -45.31	157.23 8.42 -62.97	133.64 9.02 -37.89	120.21 9.01 -25.39	102.62 9.02 -6.87	93.77 8.49 -2.84	91.16 8.73 0.01	91.66 8.71 0.01	92.57 8.87 0.01	103.20 9.45 -3.74	120.15 9.35 -19.20	156.45 12.07 -29.38	146.03 9.98 -38.23	118.23 9.91 -11.24	115.29 9.43 -14.32	104.67 8.53 -9.96	103.00 7.69 -11.67	102.62 7.21 -13.47
ASTORIA___3 23516	118.83 5.85 -46.53	111.94 5.51 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.53 7.53 -45.32	157.93 9.10 -62.98	134.25 9.63 -37.90	126.30 9.52 -30.95	108.05 9.63 -11.69	108.05 9.07 -16.54	108.05 9.15 -16.46	98.32 9.21 -6.15	94.31 9.37 -1.23	103.76 9.99 -3.76	129.96 9.99 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.29 9.13 -9.97	103.68 8.36 -11.67	104.38 7.70 -14.74
ASTORIA___4 23517	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.12 8.96 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
ASTORIA___5 23518	118.83 5.85 -46.53	111.94 5.51 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.53 7.53 -45.32	157.93 9.10 -62.98	134.25 9.63 -37.90	126.30 9.52 -30.95	108.05 9.63 -11.69	108.05 9.07 -16.54	108.05 9.15 -16.46	98.32 9.21 -6.15	94.31 9.37 -1.23	103.76 9.99 -3.76	129.96 9.99 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.29 9.13 -9.97	103.68 8.36 -11.67	104.38 7.70 -14.74
AST_ENERGY_2_CC3 323677	118.49 5.51 -46.53	111.80 5.37 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.68 6.24 -26.43	137.35 7.36 -45.32	157.48 8.67 -62.97	133.91 9.28 -37.89	120.48 9.27 -25.39	102.89 9.28 -6.88	94.02 8.73 -2.85	91.26 8.83 0.00	91.84 8.88 0.00	92.75 9.04 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.23 11.85 -29.39	146.03 9.98 -38.23	118.24 9.91 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.16 7.86 -11.66	102.63 7.21 -13.47
AST_ENERGY_2_CC4 323678	118.49 5.51 -46.53	111.80 5.37 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.68 6.24 -26.43	137.35 7.36 -45.32	157.48 8.67 -62.97	133.91 9.28 -37.89	120.48 9.27 -25.39	102.89 9.28 -6.88	94.02 8.73 -2.85	91.26 8.83 0.00	91.84 8.88 0.00	92.75 9.04 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.23 11.85 -29.39	146.03 9.98 -38.23	118.24 9.91 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.16 7.86 -11.66	102.63 7.21 -13.47

ATHENS_STG_1 23668	123.71 3.19 -54.08	116.05 3.12 -46.56	106.96 3.19 -37.33	103.81 3.23 -33.30	106.22 3.49 -28.49	109.16 3.70 -28.44	140.42 4.15 -51.60	163.50 4.46 -73.19	133.30 4.77 -41.80	120.05 4.72 -29.51	99.58 4.85 -7.99	90.28 4.53 -3.31	86.97 4.53 0.00	87.60 4.64 0.00	88.31 4.60 0.00	100.62 5.04 -5.58	123.64 5.03 -27.00	165.63 6.32 -44.31	160.42 5.28 -57.32	115.40 5.24 -13.08	113.48 5.03 -16.90	102.41 4.65 -11.58	101.54 4.35 -13.55	101.70 4.10 -15.66
ATHENS_STG_2 23670	123.71 3.19 -54.08	116.05 3.12 -46.56	106.96 3.19 -37.33	103.81 3.23 -33.30	106.22 3.49 -28.49	109.16 3.70 -28.44	140.42 4.15 -51.60	163.50 4.46 -73.19	133.30 4.77 -41.80	120.05 4.72 -29.51	99.58 4.85 -7.99	90.28 4.53 -3.31	86.97 4.53 0.00	87.60 4.64 0.00	88.31 4.60 0.00	100.62 5.04 -5.58	123.64 5.03 -27.00	165.63 6.32 -44.31	160.42 5.28 -57.32	115.40 5.24 -13.08	113.48 5.03 -16.90	102.41 4.65 -11.58	101.54 4.35 -13.55	101.70 4.10 -15.66
ATHENS_STG_3 23677	123.71 3.19 -54.08	116.05 3.12 -46.56	106.96 3.19 -37.33	103.81 3.23 -33.30	106.22 3.49 -28.49	109.16 3.70 -28.44	140.42 4.15 -51.60	163.50 4.46 -73.19	133.30 4.77 -41.80	120.05 4.72 -29.51	99.58 4.85 -7.99	90.28 4.53 -3.31	86.97 4.53 0.00	87.60 4.64 0.00	88.31 4.60 0.00	100.62 5.04 -5.58	123.64 5.03 -27.00	165.63 6.32 -44.31	160.42 5.28 -57.32	115.40 5.24 -13.08	113.48 5.03 -16.90	102.41 4.65 -11.58	101.54 4.35 -13.55	101.70 4.10 -15.66
AUBURN___LFGE 323710	73.44 0.20 -6.80	72.36 0.13 -5.85	71.34 0.20 -4.69	71.67 0.20 -4.19	78.11 0.30 -3.58	81.73 0.77 -3.94	92.69 1.35 -6.66	96.51 1.46 -9.20	93.83 1.47 -5.62	90.73 1.20 -3.71	88.86 1.13 -1.00	83.60 0.74 -0.42	83.26 0.82 0.00	83.79 0.83 0.00	84.71 1.00 0.00	91.34 1.17 -0.16	94.20 1.28 -1.31	118.02 1.95 -1.06	100.85 1.57 -1.47	100.08 1.36 -1.64	94.84 1.28 -2.01	88.24 0.60 -1.46	85.77 0.42 -1.70	84.15 0.25 -1.97
BABYLON_RES_REC 323704	147.56 7.31 -73.81	113.61 7.17 -40.06	105.81 7.24 -32.12	103.21 7.27 -28.65	106.77 8.02 -24.52	111.78 8.32 -26.43	148.05 9.65 -53.72	178.42 10.90 -81.67	156.73 11.45 -58.55	139.29 11.15 -42.32	110.90 10.84 -13.33	104.87 10.22 -12.22	92.74 10.30 0.00	97.47 10.37 -4.15	107.05 10.63 -12.71	118.19 11.62 -16.57	140.20 12.09 -36.51	159.45 15.06 -29.40	153.89 13.01 -43.07	144.48 12.81 -34.59	130.31 12.08 -26.68	124.09 11.12 -26.79	106.23 10.29 -12.30	104.92 9.50 -13.48
BABYLON___69_KV_BK2 356345	148.56 8.31 -73.81	114.67 8.23 -40.06	106.81 8.24 -32.12	104.21 8.28 -28.65	107.88 9.13 -24.52	112.77 9.32 -26.43	149.32 10.92 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	140.33 12.19 -42.32	111.94 11.88 -13.33	105.87 11.21 -12.22	93.90 11.46 0.00	98.47 11.36 -4.15	108.22 11.80 -12.71	119.54 12.96 -16.57	141.67 13.56 -36.51	161.53 17.13 -29.40	155.55 14.67 -43.07	146.13 14.47 -34.59	131.78 13.55 -26.68	125.29 12.32 -26.79	107.57 11.63 -12.30	106.15 10.73 -13.48
BALL_HILL_WT_PWR 323825	70.50 -4.25 -8.31	68.95 -4.58 -7.16	68.00 -4.18 -5.74	68.23 -4.17 -5.12	73.79 -4.82 -4.38	77.23 -4.62 -4.83	87.66 -5.17 -8.15	92.21 -4.89 -11.25	88.24 -5.38 -6.89	84.44 -5.92 -4.54	82.32 -5.64 -1.23	76.85 -6.10 -0.51	76.42 -6.01 0.00	77.64 -5.31 0.00	79.10 -4.60 0.00	83.82 -6.39 -0.20	86.25 -6.97 -1.61	109.64 -6.67 -1.32	92.50 -7.14 -1.82	91.52 -7.57 -2.01	87.14 -6.87 -2.46	81.50 -6.46 -1.78	78.87 -6.86 -2.08	78.77 -5.57 -2.41
BARON_WINDS___WT_PWR 323822	74.86 -2.73 -11.14	73.04 -2.92 -9.59	71.47 -2.66 -7.69	71.52 -2.63 -6.86	77.35 -2.75 -5.87	81.30 -2.31 -6.58	93.36 -2.28 -10.97	98.69 -2.23 -15.07	93.54 -2.52 -9.33	88.89 -3.01 -6.08	85.43 -2.95 -1.65	79.82 -3.30 -0.68	79.39 -3.05 0.00	80.63 -2.32 0.00	81.95 -1.76 0.00	87.39 -2.88 -0.27	90.65 -3.11 -2.17	114.70 -2.07 -1.77	97.33 -2.93 -2.44	96.37 -3.40 -2.69	91.91 -2.93 -3.30	85.64 -2.93 -2.39	83.09 -3.35 -2.79	82.62 -2.54 -3.23
BARRETT_IC_1 23704	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_10 23701	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_11 23702	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_12 23703	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_2 23705	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_3 23706	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_4 23707	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49

BARRETT_IC_5 23708	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_6 23709	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_7 23710	146.57 6.31 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.39 -28.66	105.81 7.05 -24.53	110.62 7.16 -26.44	146.70 8.30 -53.73	176.71 9.19 -81.68	154.91 9.63 -58.56	137.93 9.78 -42.33	109.69 9.63 -13.34	103.81 9.15 -12.22	91.84 9.40 -0.01	96.32 9.21 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.55 10.44 -36.51	157.39 12.99 -29.40	152.03 11.15 -43.07	142.74 11.07 -34.59	128.75 10.53 -26.68	122.45 9.48 -26.79	104.99 9.03 -12.31	103.86 8.44 -13.49
BARRETT_IC_8 23711	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT_IC_9 23700	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT___1 23545	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BARRETT___2 23546	146.57 6.32 -73.81	112.75 6.31 -40.07	104.96 6.38 -32.13	102.34 6.40 -28.66	105.82 7.06 -24.53	110.70 7.24 -26.44	146.71 8.30 -53.73	176.97 9.44 -81.68	155.26 9.97 -58.56	138.10 9.95 -42.33	109.78 9.71 -13.34	103.89 9.23 -12.22	91.84 9.39 -0.01	96.48 9.37 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.46 10.35 -36.51	157.38 12.99 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.75 10.52 -26.68	122.62 9.65 -26.79	104.99 9.04 -12.31	103.79 8.36 -13.49
BATAVIA__115KV_TB1 55881	69.56 -4.05 -7.17	68.63 -3.92 -6.17	67.61 -3.79 -4.95	68.13 -3.57 -4.41	74.15 -3.86 -3.78	77.53 -3.62 -4.12	88.30 -3.39 -7.01	91.77 -3.78 -9.70	88.73 -3.90 -5.90	85.18 -4.55 -3.91	83.19 -4.60 -1.06	77.77 -5.11 -0.44	77.33 -5.11 0.00	77.98 -4.98 0.00	79.02 -4.69 0.00	85.05 -5.13 -0.17	87.58 -5.40 -1.39	109.46 -6.67 -1.13	93.60 -5.77 -1.56	92.80 -6.02 -1.73	88.36 -5.31 -2.12	81.34 -6.38 -1.54	79.67 -5.77 -1.80	78.69 -5.33 -2.08
BAYONEEC___CTG1 323682	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG10 323750	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG2 323683	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG3 323684	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG4 323685	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG5 323686	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG6 323687	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47

BAYONEEC___CTG7 323688	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG8 323689	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BAYONEEC___CTG9 323749	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.32 8.50 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.21 9.45 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.39	146.03 9.98 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.08 7.78 -11.66	102.63 7.21 -13.47
BEACON___LESR 323632	130.77 3.59 -60.74	122.24 3.58 -52.29	111.96 3.59 -41.93	108.31 3.63 -37.40	110.31 4.08 -32.00	135.29 4.31 -53.96	157.79 4.82 -68.30	172.59 4.55 -82.20	160.08 4.68 -68.67	123.68 4.72 -33.15	100.82 5.12 -8.98	90.86 4.70 -3.72	87.05 4.61 0.00	87.68 4.73 0.00	87.48 3.77 0.00	94.35 4.32 -0.02	102.41 4.49 -6.32	119.50 6.32 1.82	102.60 5.38 0.60	116.72 4.95 -14.69	113.74 4.48 -17.71	103.50 4.31 -13.01	103.46 4.60 -15.22	103.95 4.42 -17.59
BEAVER RIVER___HYD 24048	67.67 -0.60 -1.82	67.28 -0.66 -1.57	67.04 -0.66 -1.26	67.67 -0.74 -1.12	74.82 -0.37 -0.96	77.61 0.15 -0.44	87.44 1.27 -1.49	89.60 1.29 -2.47	88.31 0.69 -0.89	87.42 0.60 -1.00	87.17 0.17 -0.27	82.55 0.00 -0.11	82.27 -0.16 0.00	82.87 -0.08 0.00	83.79 0.08 0.00	90.11 0.09 -0.01	92.28 0.46 -0.22	115.81 0.81 0.00	98.41 0.59 -0.01	98.21 0.68 -0.44	92.35 0.28 -0.53	87.00 0.43 -0.39	84.85 0.75 -0.46	83.05 0.58 -0.53
BEEBEE_GT_13 23619	69.76 -2.86 -6.17	68.90 -2.79 -5.31	68.05 -2.66 -4.26	68.59 -2.49 -3.80	74.81 -2.67 -3.25	78.06 -2.46 -3.51	88.48 -2.20 -6.01	91.70 -2.49 -8.35	89.34 -2.43 -5.04	86.35 -2.83 -3.37	84.69 -2.95 -0.91	79.44 -3.38 -0.38	78.48 -3.96 0.00	79.06 -3.90 0.00	80.02 -3.68 0.00	86.73 -3.42 -0.14	89.31 -3.48 -1.19	110.79 -5.17 -0.96	95.23 -3.91 -1.33	94.69 -3.88 -1.49	89.98 -3.39 -1.83	83.37 -4.14 -1.32	81.34 -3.85 -1.55	80.12 -3.61 -1.79
BENSHRST_27_KV_BENSHRST_1 355998	119.22 6.25 -46.53	112.34 5.91 -40.06	104.68 6.11 -32.12	102.12 6.19 -28.65	105.50 6.75 -24.52	110.23 6.78 -26.43	138.04 8.04 -45.32	158.27 9.44 -62.98	134.60 9.97 -37.90	126.90 10.13 -30.96	112.31 10.23 -15.34	114.77 9.65 -22.69	117.53 9.81 -25.28	107.08 9.71 -14.42	102.36 10.04 -8.61	104.57 10.80 -3.76	130.87 10.90 -28.37	165.68 13.91 -36.77	153.08 11.74 -43.52	123.07 11.65 -14.34	116.87 10.99 -14.34	105.98 9.82 -9.97	104.43 9.12 -11.67	139.15 8.60 -48.60
BETHLEHEM___GRP 23843	129.63 2.39 -60.80	121.17 2.46 -52.34	110.87 2.46 -41.97	107.21 2.49 -37.43	109.08 2.82 -32.03	133.81 2.93 -53.87	156.01 3.05 -68.29	170.87 2.75 -82.28	158.27 2.95 -68.59	122.26 3.26 -33.18	99.45 3.73 -8.99	89.71 3.54 -3.73	85.98 3.54 0.00	86.52 3.57 0.00	86.14 2.43 0.00	92.81 2.79 -0.01	100.70 2.84 -6.26	116.72 3.79 2.07	100.20 3.33 0.94	114.79 3.01 -14.70	112.01 2.75 -17.72	101.87 2.67 -13.02	102.06 3.18 -15.23	102.58 3.03 -17.61
BETHLEHEM___GS1 323560	129.63 2.39 -60.80	121.17 2.46 -52.34	110.87 2.46 -41.97	107.21 2.49 -37.43	109.01 2.75 -32.03	133.74 2.85 -53.87	156.10 3.13 -68.29	170.87 2.75 -82.28	158.27 2.95 -68.59	122.26 3.26 -33.18	99.44 3.73 -8.99	89.71 3.54 -3.73	85.90 3.46 0.00	86.60 3.65 0.00	86.22 2.51 0.00	92.81 2.79 -0.01	100.70 2.84 -6.26	116.71 3.79 2.07	100.20 3.33 0.94	114.80 3.01 -14.70	112.01 2.74 -17.72	101.88 2.67 -13.02	102.06 3.18 -15.23	102.58 3.03 -17.61
BETHLEHEM___GS2 323561	129.63 2.39 -60.80	121.17 2.46 -52.34	110.87 2.46 -41.97	107.21 2.49 -37.43	109.01 2.75 -32.03	133.74 2.85 -53.87	156.10 3.13 -68.29	170.87 2.75 -82.28	158.27 2.95 -68.59	122.26 3.26 -33.18	99.44 3.73 -8.99	89.71 3.54 -3.73	85.90 3.46 0.00	86.60 3.65 0.00	86.22 2.51 0.00	92.81 2.79 -0.01	100.70 2.84 -6.26	116.71 3.79 2.07	100.20 3.33 0.94	114.80 3.01 -14.70	112.01 2.74 -17.72	101.88 2.67 -13.02	102.06 3.18 -15.23	102.58 3.03 -17.61
BETHLEHEM___GS3 323562	129.63 2.39 -60.80	121.17 2.46 -52.34	110.87 2.46 -41.97	107.21 2.49 -37.43	109.01 2.75 -32.03	133.74 2.85 -53.87	156.10 3.13 -68.29	170.87 2.75 -82.28	158.27 2.95 -68.59	122.26 3.26 -33.18	99.44 3.73 -8.99	89.71 3.54 -3.73	85.90 3.46 0.00	86.60 3.65 0.00	86.22 2.51 0.00	92.81 2.79 -0.01	100.70 2.84 -6.26	116.71 3.79 2.07	100.20 3.33 0.94	114.80 3.01 -14.70	112.01 2.74 -17.72	101.88 2.67 -13.02	102.06 3.18 -15.23	102.58 3.03 -17.61
BETHLEHEM___STEEL 23779	70.09 -4.65 -8.30	68.94 -4.58 -7.15	67.66 -4.52 -5.73	67.75 -4.64 -5.11	73.48 -5.12 -4.37	76.76 -5.08 -4.82	87.31 -5.50 -8.14	90.98 -6.10 -11.23	87.45 -6.16 -6.88	83.74 -6.61 -4.53	81.45 -6.50 -1.23	76.19 -6.76 -0.51	77.24 -5.19 0.00	77.90 -5.06 0.00	78.94 -4.77 0.00	83.28 -6.93 -0.20	85.52 -7.69 -1.61	108.84 -7.47 -1.32	91.81 -7.83 -1.82	90.74 -8.35 -2.01	86.40 -7.60 -2.46	79.69 -8.27 -1.78	78.28 -7.44 -2.08	77.71 -6.64 -2.40
BETHLHEM_115KV_TB1 79974	129.58 2.39 -60.74	121.19 2.52 -52.29	110.90 2.52 -41.93	107.17 2.49 -37.40	109.06 2.82 -32.01	132.40 2.93 -52.46	155.40 3.13 -67.60	170.89 2.83 -82.21	157.04 3.12 -67.19	122.23 3.26 -33.15	99.44 3.73 -8.98	89.71 3.54 -3.72	85.98 3.54 0.00	86.52 3.57 0.00	86.30 2.59 0.00	92.97 2.97 0.01	100.80 3.02 -6.18	116.77 4.02 2.25	100.11 3.52 1.23	114.88 3.11 -14.69	112.18 2.93 -17.70	102.04 2.84 -13.01	102.13 3.26 -15.22	102.56 3.03 -17.59
BETHPAGE_CC_5 323564	147.23 6.97 -73.81	113.34 6.90 -40.06	105.48 6.91 -32.12	102.94 7.00 -28.65	106.47 7.72 -24.52	111.39 7.93 -26.43	147.63 9.23 -53.72	177.99 10.47 -81.67	156.21 10.93 -58.55	138.95 10.81 -42.32	110.37 10.32 -13.33	104.38 9.72 -12.22	92.33 9.89 0.00	96.97 9.87 -4.15	106.45 10.04 -12.71	117.55 10.98 -16.57	139.28 11.17 -36.51	158.30 13.91 -29.40	152.91 12.03 -43.07	143.51 11.84 -34.59	129.39 11.16 -26.68	123.30 10.34 -26.79	105.56 9.62 -12.30	104.27 8.85 -13.48
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	70.14 -4.72 -8.42	69.04 -4.58 -7.25	67.74 -4.52 -5.81	67.76 -4.71 -5.18	73.54 -5.12 -4.43	76.83 -5.08 -4.89	87.51 -5.42 -8.26	91.23 -6.01 -11.39	87.72 -5.98 -6.98	83.98 -6.44 -4.59	81.64 -6.33 -1.24	76.28 -6.68 -0.52	77.82 -4.62 0.00	78.48 -4.48 0.00	79.52 -4.19 0.00	83.55 -6.66 -0.20	85.63 -7.60 -1.63	109.67 -6.67 -1.34	92.13 -7.53 -1.84	90.96 -8.15 -2.04	86.53 -7.51 -2.49	79.80 -8.19 -1.80	78.39 -7.36 -2.11	77.74 -6.64 -2.44

BINGHAMTON___COGEN 23790	82.71 0.20 -16.06	80.40 0.20 -13.83	77.73 0.20 -11.09	77.31 0.13 -9.89	82.92 0.22 -8.46	87.35 0.46 -9.87	101.51 0.85 -16.00	108.35 0.77 -21.74	101.42 0.87 -13.82	95.27 0.69 -8.76	89.88 0.78 -2.37	83.75 0.33 -0.98	83.43 0.99 0.00	83.95 1.00 0.00	84.96 1.26 0.00	91.21 0.81 -0.39	95.47 0.73 -3.14	119.43 1.84 -2.59	102.37 0.98 -3.58	101.74 0.78 -3.88	97.03 0.73 -4.76	89.88 0.26 -3.44	87.84 0.17 -4.02	86.84 0.25 -4.65
BIXINCNT_115KV_LOAD 355685	70.01 -5.38 -8.94	68.90 -5.18 -7.70	67.90 -4.72 -6.17	67.88 -4.91 -5.51	73.60 -5.34 -4.71	77.54 -4.70 -5.22	88.71 -4.74 -8.78	92.89 -5.06 -12.10	89.39 -4.77 -7.43	85.47 -5.24 -4.88	83.11 -4.94 -1.32	77.54 -5.44 -0.55	80.21 -2.23 0.00	80.72 -2.24 0.00	81.78 -1.93 0.00	84.91 -5.31 -0.21	87.02 -6.32 -1.74	112.97 -3.45 -1.43	93.62 -6.16 -1.97	91.96 -7.28 -2.16	87.24 -6.96 -2.65	80.43 -7.67 -1.92	79.03 -6.86 -2.24	78.30 -6.23 -2.59
BLACK RIVER___HYD 24047	69.42 0.47 -2.51	68.87 0.33 -2.16	68.51 0.33 -1.73	69.17 0.34 -1.54	76.37 0.82 -1.32	79.16 1.54 -0.60	89.52 2.79 -2.05	92.50 3.26 -3.39	90.55 2.60 -1.22	89.42 2.23 -1.37	89.10 2.00 -0.37	83.91 1.31 -0.15	83.51 1.07 0.00	84.12 1.16 0.00	85.22 1.51 0.00	91.91 1.89 -0.01	94.28 2.38 -0.30	118.33 3.34 0.00	100.47 2.64 -0.01	100.40 2.71 -0.61	94.47 2.19 -0.73	88.70 1.98 -0.54	86.20 1.93 -0.63	84.14 1.48 -0.73
BLACKRVR_115KV_TB2 79977	69.42 0.47 -2.51	68.93 0.40 -2.16	68.51 0.33 -1.73	69.17 0.34 -1.54	76.37 0.82 -1.32	79.09 1.46 -0.60	89.60 2.88 -2.05	92.50 3.26 -3.39	90.64 2.69 -1.22	89.51 2.32 -1.37	89.10 1.99 -0.37	83.91 1.32 -0.15	83.51 1.07 0.00	84.20 1.24 0.00	85.21 1.51 0.00	91.91 1.89 -0.01	94.29 2.38 -0.30	118.33 3.33 0.00	100.47 2.64 -0.01	100.41 2.72 -0.61	94.47 2.20 -0.73	88.79 2.07 -0.54	86.20 1.92 -0.63	84.14 1.47 -0.73
BLISS_WT_PWR 323608	69.61 -5.78 -8.94	68.23 -5.84 -7.70	67.57 -5.05 -6.17	67.61 -5.18 -5.51	73.15 -5.79 -4.71	77.31 -4.93 -5.22	88.38 -5.08 -8.78	93.31 -4.64 -12.10	89.48 -4.68 -7.43	85.46 -5.24 -4.88	83.37 -4.68 -1.32	77.63 -5.36 -0.55	77.49 -4.94 0.00	80.05 -2.91 0.00	81.36 -2.34 0.00	84.46 -5.76 -0.21	87.02 -6.32 -1.74	112.98 -3.45 -1.43	93.62 -6.16 -1.97	91.86 -7.38 -2.16	87.05 -7.14 -2.65	81.29 -6.81 -1.92	78.86 -7.03 -2.24	78.63 -5.90 -2.59
BLUESTONE___WT_PWR 323821	87.42 3.72 -17.25	84.74 3.52 -14.85	81.94 3.59 -11.91	81.54 3.63 -10.62	87.48 4.15 -9.09	94.98 5.00 -12.96	109.49 6.52 -18.29	116.32 7.12 -23.35	110.68 6.77 -17.18	101.68 6.44 -9.42	95.87 6.59 -2.55	88.85 5.36 -1.06	87.55 5.11 0.00	88.68 5.72 0.00	89.90 6.19 0.00	97.45 7.03 -0.42	102.68 7.70 -3.38	128.73 10.93 -2.80	110.48 8.70 -3.96	109.99 8.74 -4.17	104.53 7.87 -5.11	97.03 7.15 -3.70	94.32 6.35 -4.32	92.84 5.90 -5.00
BLUE_CIRC_CHEM_DRP 24182	128.87 2.79 -59.63	120.56 2.85 -51.34	110.47 2.86 -41.16	106.83 2.83 -36.72	108.84 3.19 -31.42	126.52 3.31 -46.18	152.09 3.56 -63.86	169.81 3.26 -80.70	150.83 3.38 -60.71	121.62 3.26 -32.54	99.01 3.47 -8.82	89.23 3.13 -3.65	85.65 3.22 0.00	86.19 3.24 0.00	86.47 2.76 0.00	93.46 3.33 -0.12	101.67 3.48 -6.59	118.47 4.60 1.13	101.70 3.91 0.03	115.09 3.59 -14.42	112.34 3.39 -17.41	102.23 3.27 -12.77	102.02 3.43 -14.94	102.57 3.36 -17.27
BOC_GAS_DRP 24189	129.23 2.33 -60.46	120.81 2.39 -52.05	110.57 2.39 -41.73	106.93 2.42 -37.23	108.76 2.67 -31.86	124.41 2.77 -44.62	151.43 3.05 -63.71	170.59 2.92 -81.83	149.32 3.21 -59.38	122.08 3.26 -32.99	99.14 3.47 -8.94	89.44 3.30 -3.71	85.74 3.30 0.00	86.27 3.32 0.00	86.64 2.93 0.00	93.22 3.33 0.12	100.63 3.30 -5.74	116.00 4.25 3.25	98.63 3.62 2.81	115.20 3.49 -14.62	112.43 3.30 -17.60	102.15 3.02 -12.95	101.97 3.18 -15.15	102.40 2.95 -17.51
BOONVILLE_115KV_TB1 79983	69.31 1.26 -1.61	69.02 1.26 -1.38	68.82 1.26 -1.11	69.48 1.21 -0.99	76.71 1.63 -0.85	79.56 2.16 -0.39	89.20 3.22 -1.32	91.45 3.43 -2.17	90.64 3.12 -0.78	89.61 2.92 -0.88	89.57 2.60 -0.24	84.84 2.31 -0.10	84.66 2.23 0.00	85.28 2.32 0.00	86.14 2.43 0.00	92.81 2.79 -0.01	94.91 3.11 -0.19	119.14 4.14 0.00	101.15 3.33 -0.01	100.77 3.30 -0.39	94.94 2.93 -0.47	89.20 2.67 -0.34	86.64 2.59 -0.40	84.70 2.29 -0.47
BORALEX_4TH_BRANCH 23824	131.69 4.78 -60.46	123.20 4.78 -52.05	112.96 4.78 -41.73	109.35 4.84 -37.22	111.51 5.42 -31.86	150.01 5.78 -67.22	165.09 6.10 -74.33	173.85 6.18 -81.82	175.17 6.76 -81.68	125.42 6.61 -32.99	101.83 6.16 -8.94	92.16 6.02 -3.71	88.46 6.02 0.00	88.93 5.97 0.00	89.99 6.28 0.00	97.42 6.93 -0.48	106.81 7.14 -8.06	125.53 9.08 -1.45	109.48 7.73 -3.94	119.37 7.67 -14.62	116.58 7.32 -17.71	105.77 6.64 -12.95	105.15 6.36 -15.15	105.43 5.98 -17.51
BOWLINE___1 23526	115.80 4.26 -45.10	109.38 4.18 -38.82	101.83 4.26 -31.13	99.36 4.31 -27.77	102.67 4.68 -23.76	107.51 4.86 -25.63	134.28 5.67 -43.93	153.58 6.70 -61.03	130.67 7.19 -36.74	117.55 7.12 -24.61	100.59 7.19 -6.67	91.96 6.76 -2.76	89.36 6.93 0.00	89.92 6.97 0.00	90.74 7.03 0.00	101.13 7.56 -3.56	117.53 7.60 -18.33	152.54 9.66 -27.88	142.22 8.11 -36.29	116.04 8.05 -10.90	113.01 7.59 -13.87	102.65 6.81 -9.66	101.14 6.19 -11.30	100.65 5.65 -13.06
BOWLINE___2 23595	115.80 4.26 -45.10	109.38 4.18 -38.83	101.83 4.26 -31.13	99.36 4.31 -27.77	102.67 4.68 -23.76	107.51 4.86 -25.63	134.28 5.67 -43.93	153.59 6.70 -61.04	130.67 7.19 -36.75	117.55 7.12 -24.61	100.59 7.19 -6.67	92.04 6.84 -2.76	89.36 6.93 0.00	89.92 6.97 0.00	90.82 7.11 0.00	101.13 7.56 -3.56	117.54 7.60 -18.33	152.54 9.66 -27.88	142.22 8.11 -36.29	116.04 8.05 -10.91	113.01 7.59 -13.87	102.65 6.81 -9.66	101.14 6.19 -11.30	100.65 5.65 -13.06
BRADY___115KV_TB2 356060	65.98 -0.47 0.00	65.98 -0.40 0.00	65.91 -0.53 0.00	66.75 -0.54 0.00	73.56 -0.67 0.00	75.94 -1.08 0.00	83.06 -1.61 0.00	84.04 -1.80 0.00	83.52 -3.21 0.00	82.90 -2.92 0.00	83.17 -3.56 0.00	80.13 -2.31 0.00	79.96 -2.47 0.00	80.55 -2.41 0.00	81.36 -2.34 0.00	85.96 -4.05 0.00	87.85 -3.76 0.00	110.17 -4.83 0.00	93.81 -4.01 0.00	93.20 -3.88 0.00	87.70 -3.84 0.00	84.54 -1.64 0.00	82.64 -1.00 0.00	81.45 -0.49 0.00
BRANSCOMB___SOLAR 323811	133.57 4.72 -62.41	124.75 4.64 -53.73	114.11 4.58 -43.08	110.35 4.64 -38.43	112.39 5.27 -32.88	164.36 5.62 -81.72	173.46 6.27 -82.52	176.83 6.52 -84.46	189.89 6.68 -96.48	125.80 5.92 -34.06	101.86 5.90 -9.23	91.46 5.20 -3.83	87.55 5.11 0.00	88.18 5.23 0.00	89.23 5.52 0.00	96.58 6.39 -0.18	105.46 6.78 -7.08	122.70 8.86 1.16	106.38 7.43 -1.13	119.36 7.18 -15.09	116.44 6.68 -18.22	105.76 6.21 -13.37	105.14 5.85 -15.64	105.50 5.49 -18.07
BRENTWOD_69_KV_W. BRTWOOD 56703	148.36 8.11 -73.81	114.47 8.03 -40.06	106.61 8.04 -32.12	104.01 8.07 -28.65	107.73 8.98 -24.52	112.54 9.09 -26.43	148.98 10.58 -53.72	179.28 11.76 -81.67	157.42 12.14 -58.55	140.07 11.93 -42.32	111.77 11.71 -13.33	105.70 11.05 -12.22	93.73 11.29 0.00	98.30 11.20 -4.15	107.96 11.55 -12.71	119.27 12.69 -16.57	141.39 13.28 -36.51	161.07 16.67 -29.40	155.16 14.28 -43.07	145.65 13.98 -34.59	131.41 13.18 -26.68	125.03 12.07 -26.79	107.32 11.38 -12.30	105.99 10.57 -13.48

BRISTLHL_115KV_TB1 79998	68.65 -1.59 -3.80	67.98 -1.66 -3.27	67.41 -1.66 -2.62	67.94 -1.68 -2.34	74.45 -1.78 -2.00	76.31 -1.62 -0.91	86.26 -1.52 -3.11	89.44 -1.55 -5.14	87.11 -1.47 -1.85	86.35 -1.54 -2.07	85.73 -1.56 -0.56	80.94 -1.73 -0.23	80.71 -1.73 0.00	81.21 -1.74 0.00	82.03 -1.67 0.00	88.41 -1.62 -0.02	90.41 -1.65 -0.46	112.93 -2.07 0.00	96.17 -1.66 -0.01	96.25 -1.75 -0.92	91.01 -1.65 -1.11	85.10 -1.90 -0.81	82.67 -1.92 -0.95	81.07 -1.97 -1.10
BROOKHAVEN___DRP 24191	148.09 7.84 -73.81	114.34 7.90 -40.06	106.48 7.91 -32.12	103.88 7.94 -28.65	107.59 8.83 -24.52	112.31 8.86 -26.43	148.56 10.16 -53.72	178.85 11.33 -81.67	157.07 11.80 -58.55	139.47 11.33 -42.32	111.07 11.01 -13.33	105.12 10.47 -12.22	93.24 10.80 0.00	97.72 10.62 -4.15	107.38 10.97 -12.71	118.37 11.79 -16.57	140.75 12.64 -36.51	160.15 15.75 -29.40	154.38 13.50 -43.07	144.87 13.20 -34.59	130.68 12.45 -26.68	124.69 11.72 -26.79	107.07 11.12 -12.30	105.66 10.24 -13.48
BROOKLYN_NAVY_YARD 23515	118.35 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.53 6.08 -26.43	137.18 7.19 -45.32	157.48 8.67 -62.97	133.91 9.28 -37.89	120.48 9.27 -25.39	102.80 9.19 -6.88	93.94 8.65 -2.85	91.09 8.65 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.29 9.54 -3.75	120.24 9.44 -19.20	156.23 11.85 -29.39	146.13 10.08 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.76 8.62 -9.97	103.25 7.95 -11.66	102.63 7.21 -13.47
BROOKLYN___ARMY_DRP 323595	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
BROOKVLE_69_KV_TB1 55790	146.76 6.51 -73.81	112.88 6.44 -40.06	105.02 6.45 -32.13	102.47 6.53 -28.65	105.95 7.20 -24.52	110.77 7.32 -26.43	147.03 8.64 -53.72	177.13 9.61 -81.67	155.34 10.06 -58.55	138.27 10.13 -42.32	110.12 10.06 -13.33	104.22 9.56 -12.22	92.17 9.73 0.00	96.72 9.62 -4.15	106.38 9.96 -12.71	117.47 10.89 -16.57	138.83 10.72 -36.51	157.96 13.57 -29.40	152.33 11.44 -43.07	143.03 11.36 -34.59	128.94 10.71 -26.68	122.53 9.57 -26.79	105.15 9.20 -12.30	104.02 8.60 -13.48
BROOME_2_LFGE 323671	82.71 0.20 -16.06	80.27 0.07 -13.83	77.67 0.13 -11.09	77.31 0.13 -9.89	82.84 0.15 -8.46	87.36 0.46 -9.87	101.43 0.76 -16.00	108.62 1.03 -21.74	101.51 0.96 -13.82	95.36 0.77 -8.76	89.88 0.78 -2.37	83.84 0.41 -0.98	82.94 0.50 0.00	83.79 0.83 0.00	84.88 1.17 0.00	91.21 0.81 -0.39	95.47 0.73 -3.14	119.42 1.83 -2.59	102.37 0.98 -3.58	101.74 0.77 -3.88	97.03 0.73 -4.76	90.14 0.52 -3.44	87.84 0.17 -4.02	87.00 0.41 -4.65
BROOME___LFGE 323600	82.71 0.20 -16.06	80.27 0.07 -13.83	77.67 0.13 -11.09	77.31 0.13 -9.89	82.84 0.15 -8.46	87.36 0.46 -9.87	101.43 0.76 -16.00	108.62 1.03 -21.74	101.51 0.96 -13.82	95.36 0.77 -8.76	89.88 0.78 -2.37	83.84 0.41 -0.98	82.94 0.50 0.00	83.79 0.83 0.00	84.88 1.17 0.00	91.21 0.81 -0.39	95.47 0.73 -3.14	119.42 1.83 -2.59	102.37 0.98 -3.58	101.74 0.77 -3.88	97.03 0.73 -4.76	90.14 0.52 -3.44	87.84 0.17 -4.02	87.00 0.41 -4.65
BROWNFLS_115KV_TB_3_5 80003	66.40 -1.33 -1.28	66.15 -1.33 -1.10	65.93 -1.40 -0.88	66.66 -1.41 -0.79	73.49 -1.41 -0.67	76.02 -1.31 -0.31	84.53 -1.19 -1.05	86.21 -1.37 -1.73	85.01 -2.34 -0.62	84.20 -2.32 -0.70	84.14 -2.78 -0.19	80.21 -2.31 -0.08	79.96 -2.47 0.00	80.55 -2.41 0.00	81.36 -2.34 0.00	86.78 -3.24 -0.01	88.83 -2.93 -0.15	111.32 -3.68 0.00	94.79 -3.03 0.00	94.48 -2.91 -0.31	88.90 -3.02 -0.37	84.90 -1.55 -0.27	82.96 -1.00 -0.32	81.49 -0.82 -0.37
BROWNSV1_27_KV_LOAD 356125	118.95 5.98 -46.53	112.27 5.84 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.20 6.46 -24.52	110.15 6.70 -26.43	137.86 7.87 -45.32	157.92 9.10 -62.97	134.25 9.63 -37.89	121.00 9.78 -25.39	103.50 9.89 -6.88	94.60 9.32 -2.85	91.84 9.40 0.00	92.33 9.37 0.00	93.33 9.63 0.00	104.11 10.35 -3.75	121.15 10.35 -19.20	157.61 13.22 -29.39	147.10 11.05 -38.23	119.30 10.97 -11.25	116.31 10.44 -14.33	105.45 9.31 -9.97	103.92 8.62 -11.66	103.53 8.11 -13.47
BURROWS___LYONSDAL 23803	68.89 0.80 -1.65	68.52 0.73 -1.42	68.31 0.73 -1.14	69.04 0.74 -1.02	76.29 1.19 -0.87	79.19 1.77 -0.40	88.99 2.96 -1.35	91.17 3.09 -2.23	90.31 2.78 -0.80	89.21 2.49 -0.90	89.14 2.17 -0.24	84.43 1.90 -0.10	84.17 1.73 0.00	84.86 1.91 0.00	85.72 2.01 0.00	92.36 2.34 -0.01	94.46 2.66 -0.20	118.56 3.56 0.00	100.66 2.84 -0.01	100.39 2.91 -0.40	94.50 2.47 -0.48	88.86 2.33 -0.35	86.32 2.26 -0.41	84.38 1.97 -0.48
CAITHNESS_CC_1 323624	147.96 7.70 -73.81	114.13 7.70 -40.06	106.34 7.77 -32.12	103.74 7.80 -28.65	107.36 8.61 -24.52	112.15 8.70 -26.43	148.47 10.07 -53.72	178.94 11.42 -81.67	157.16 11.88 -58.55	139.29 11.15 -42.32	111.07 11.02 -13.33	105.12 10.47 -12.22	93.08 10.64 0.00	97.72 10.62 -4.15	107.29 10.88 -12.71	118.19 11.62 -16.57	140.47 12.36 -36.51	159.91 15.52 -29.40	154.18 13.30 -43.07	144.68 13.01 -34.59	130.50 12.27 -26.68	124.60 11.63 -26.79	106.81 10.87 -12.30	105.41 9.99 -13.48
CALPINE BETH_PAGE_GT4 24209	147.23 6.98 -73.81	113.27 6.84 -40.06	105.48 6.91 -32.12	102.87 6.93 -28.65	106.40 7.65 -24.52	111.31 7.86 -26.43	147.54 9.14 -53.72	177.65 10.13 -81.67	155.86 10.58 -58.55	138.61 10.47 -42.32	110.29 10.23 -13.33	104.30 9.65 -12.22	92.41 9.97 0.00	96.97 9.87 -4.15	106.54 10.13 -12.71	117.65 11.07 -16.57	139.47 11.36 -36.51	158.54 14.14 -29.40	153.01 12.13 -43.07	143.71 12.04 -34.59	129.58 11.35 -26.68	123.22 10.26 -26.79	105.65 9.70 -12.30	104.43 9.01 -13.48
CALPINE_BETH_PAGE_GT_4 323586	147.23 6.97 -73.81	113.28 6.84 -40.06	105.48 6.91 -32.12	102.87 6.93 -28.65	106.40 7.65 -24.52	111.31 7.86 -26.43	147.54 9.15 -53.72	177.90 10.38 -81.67	156.12 10.84 -58.55	138.87 10.73 -42.32	110.46 10.40 -13.33	104.46 9.81 -12.22	92.41 9.97 0.00	97.05 9.95 -4.15	106.54 10.12 -12.71	117.64 11.07 -16.57	139.47 11.36 -36.51	158.53 14.14 -29.40	153.01 12.13 -43.07	143.70 12.04 -34.59	129.58 11.35 -26.68	123.39 10.42 -26.79	105.64 9.70 -12.30	104.35 8.93 -13.48
CALPINE_BP_GT1 23823	147.23 6.97 -73.81	113.28 6.84 -40.06	105.48 6.91 -32.12	102.87 6.93 -28.65	106.40 7.65 -24.52	111.31 7.86 -26.43	147.54 9.15 -53.72	177.90 10.38 -81.67	156.12 10.84 -58.55	138.87 10.73 -42.32	110.46 10.40 -13.33	104.46 9.81 -12.22	92.41 9.97 0.00	97.05 9.95 -4.15	106.54 10.12 -12.71	117.64 11.07 -16.57	139.47 11.36 -36.51	158.53 14.14 -29.40	153.01 12.13 -43.07	143.70 12.04 -34.59	129.58 11.35 -26.68	123.39 10.42 -26.79	105.64 9.70 -12.30	104.35 8.93 -13.48
CALSPAN___DRP 24200	70.09 -4.65 -8.30	68.94 -4.58 -7.15	67.66 -4.52 -5.73	67.75 -4.64 -5.11	73.48 -5.12 -4.37	76.76 -5.08 -4.82	87.31 -5.50 -8.14	90.98 -6.10 -11.23	87.45 -6.16 -6.88	83.74 -6.61 -4.53	81.45 -6.50 -1.23	76.19 -6.76 -0.51	77.24 -5.19 0.00	77.90 -5.06 0.00	78.94 -4.77 0.00	83.28 -6.93 -0.20	85.52 -7.69 -1.61	108.84 -7.47 -1.32	91.81 -7.83 -1.82	90.74 -8.35 -2.01	86.40 -7.60 -2.46	79.69 -8.27 -1.78	78.28 -7.44 -2.08	77.71 -6.64 -2.40

CALVERTON___SOLAR 323806	148.22 7.97 -73.81	114.47 8.03 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.73 8.98 -24.52	112.62 9.16 -26.43	148.89 10.50 -53.72	179.37 11.85 -81.67	157.68 12.40 -58.55	139.56 11.42 -42.32	111.33 11.27 -13.33	105.37 10.71 -12.22	93.40 10.97 0.00	98.05 10.95 -4.15	107.63 11.22 -12.71	118.46 11.88 -16.57	140.84 12.73 -36.51	160.37 15.98 -29.40	154.58 13.69 -43.07	145.07 13.40 -34.59	130.86 12.64 -26.68	125.12 12.15 -26.79	107.32 11.37 -12.30	105.91 10.49 -13.48
CANDIGU_WT_PWR 323617	74.86 -2.73 -11.14	73.04 -2.92 -9.59	71.47 -2.66 -7.69	71.52 -2.63 -6.86	77.35 -2.75 -5.87	81.30 -2.31 -6.58	93.36 -2.28 -10.97	98.69 -2.23 -15.07	93.54 -2.52 -9.33	88.89 -3.01 -6.08	85.43 -2.95 -1.65	79.82 -3.30 -0.68	79.39 -3.05 0.00	80.63 -2.32 0.00	81.95 -1.76 0.00	87.39 -2.88 -0.27	90.65 -3.11 -2.17	114.70 -2.07 -1.77	97.33 -2.93 -2.44	96.37 -3.40 -2.69	91.91 -2.93 -3.30	85.64 -2.93 -2.39	83.09 -3.35 -2.79	82.62 -2.54 -3.23
CARR STREET_E_SYR 24060	70.24 -0.99 -4.79	69.37 -1.13 -4.13	68.69 -1.07 -3.31	69.23 -1.01 -2.95	75.65 -1.11 -2.53	77.33 -0.85 -1.15	87.92 -0.68 -3.92	91.91 -0.43 -6.49	88.55 -0.52 -2.34	87.75 -0.69 -2.62	86.84 -0.60 -0.71	81.83 -0.91 -0.29	81.45 -0.99 0.00	81.96 -0.99 0.00	82.79 -0.92 0.00	89.40 -0.72 -0.11	91.69 -0.83 -0.92	114.81 -0.79 -0.73	97.98 -0.79 -0.95	97.37 -0.88 -1.16	92.14 -0.83 -1.42	86.26 -0.95 -1.03	83.59 -1.25 -1.20	82.18 -1.15 -1.39
CARTHAGE___PAPER 23857	68.42 -0.26 -2.24	67.91 -0.40 -1.93	67.60 -0.40 -1.55	68.26 -0.40 -1.38	75.41 0.00 -1.18	78.10 0.54 -0.54	88.29 1.78 -1.84	90.77 1.89 -3.04	89.21 1.38 -1.09	88.16 1.11 -1.22	87.75 0.69 -0.33	82.99 0.41 -0.14	82.60 0.17 0.00	83.29 0.33 0.00	84.21 0.51 0.00	90.65 0.63 -0.01	92.98 1.10 -0.27	116.61 1.61 0.00	99.09 1.27 -0.01	98.98 1.36 -0.54	93.11 0.92 -0.66	87.61 0.95 -0.48	85.29 1.08 -0.56	83.41 0.82 -0.65
CASSADAGA_WT_PWR 323784	72.36 -2.79 -8.70	70.75 -3.12 -7.49	69.79 -2.66 -6.01	70.02 -2.63 -5.36	75.77 -3.05 -4.58	79.47 -2.62 -5.07	90.42 -2.79 -8.54	95.22 -2.40 -11.78	91.01 -2.95 -7.22	87.05 -3.52 -4.75	84.90 -3.12 -1.29	79.26 -3.71 -0.53	78.90 -3.54 0.00	80.55 -2.41 0.00	82.03 -1.67 0.00	86.35 -3.87 -0.21	88.62 -4.67 -1.69	113.51 -2.87 -1.39	95.23 -4.50 -1.91	93.94 -5.24 -2.10	89.36 -4.76 -2.58	83.74 -4.31 -1.86	80.89 -4.94 -2.18	80.69 -3.77 -2.52
CE_DUNWOOD___DRP 24194	117.93 5.05 -46.44	111.33 4.98 -39.98	103.55 5.05 -32.06	100.99 5.11 -28.59	104.27 5.57 -24.47	109.10 5.70 -26.38	136.59 6.69 -45.23	156.33 7.64 -62.85	132.62 8.07 -37.82	119.32 8.15 -25.34	101.83 8.24 -6.87	93.03 7.75 -2.85	90.35 7.91 0.00	90.84 7.88 0.00	91.83 8.12 0.00	102.48 8.73 -3.74	119.54 8.79 -19.15	155.56 9.32 -29.29	145.32 9.32 -38.11	117.63 8.79 -11.23	114.63 8.79 -14.30	103.97 7.84 -9.95	102.56 7.28 -11.64	102.11 6.72 -13.45
CE_MILLWOOD___DRP 24193	117.56 4.85 -46.26	110.98 4.78 -39.83	103.23 4.85 -31.94	100.68 4.91 -28.48	103.95 5.34 -24.38	108.77 5.47 -26.28	136.25 6.52 -45.06	155.84 7.38 -62.61	132.22 7.81 -37.68	118.96 7.90 -25.25	101.46 7.89 -6.84	92.78 7.50 -2.84	90.10 7.67 0.00	90.59 7.63 0.00	91.58 7.87 0.00	102.19 8.46 -3.71	119.16 8.52 -19.04	154.92 10.81 -29.11	144.79 9.10 -37.88	117.30 9.03 -11.19	114.30 8.51 -14.24	103.67 7.58 -9.91	102.26 7.03 -11.59	101.81 6.47 -13.40
CE_NYC2_DRP 24202	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.98 6.24 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.20 9.05 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
CE_NYC_DRP 24195	118.49 5.51 -46.53	111.80 5.38 -40.05	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.67 8.71 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.42 9.62 -19.20	156.57 12.19 -29.39	146.32 10.27 -38.23	118.53 10.19 -11.25	115.48 9.61 -14.33	104.76 8.62 -9.97	103.25 7.95 -11.66	102.87 7.46 -13.47
CHAFFEE___LFGE 323603	70.55 -4.52 -8.62	68.95 -4.84 -7.42	67.88 -4.52 -5.95	68.09 -4.51 -5.31	73.57 -5.20 -4.54	77.03 -5.01 -5.02	87.46 -5.67 -8.46	92.11 -5.41 -11.67	87.98 -5.90 -7.16	84.09 -6.44 -4.70	81.85 -6.16 -1.27	76.37 -6.60 -0.53	76.01 -6.43 0.00	77.56 -5.39 0.00	79.02 -4.69 0.00	83.29 -6.93 -0.20	85.86 -7.42 -1.67	109.70 -6.67 -1.37	92.27 -7.44 -1.89	91.11 -8.06 -2.08	86.77 -7.33 -2.55	81.13 -6.90 -1.85	78.61 -7.19 -2.16	78.54 -5.90 -2.50
CHATEAUG_35_KV_LOAD 355732	64.39 -2.06 0.00	64.38 -1.99 0.00	64.32 -2.13 0.00	65.27 -2.02 0.00	71.78 -2.45 0.00	74.17 -2.85 0.00	80.86 -3.81 0.00	82.58 -3.26 0.00	82.83 -3.90 0.00	82.13 -3.69 0.00	83.00 -3.73 0.00	79.47 -2.97 0.00	79.55 -2.89 0.00	80.30 -2.65 0.00	81.03 -2.68 0.00	86.77 -3.24 0.00	88.49 -3.11 0.00	110.86 -4.14 0.00	94.59 -3.23 0.00	93.98 -3.11 0.00	88.52 -3.02 0.00	84.20 -1.98 0.00	81.89 -1.76 0.00	81.04 -0.90 0.00
CHATEAUG_WT_PWR 323614	64.25 -2.19 0.00	64.38 -1.99 0.00	64.25 -2.19 0.00	65.07 -2.22 0.00	71.78 -2.45 0.00	74.09 -2.93 0.00	80.78 -3.89 0.00	81.99 -3.86 0.00	82.48 -4.25 0.00	81.96 -3.86 0.00	82.83 -3.90 0.00	79.55 -2.89 0.00	79.72 -2.72 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	86.77 -3.24 0.00	88.49 -3.11 0.00	110.74 -4.25 0.00	94.49 -3.33 0.00	93.88 -3.20 0.00	88.52 -3.02 0.00	83.60 -2.58 0.00	81.88 -1.76 0.00	81.04 -0.90 0.00
CHAT_HIGH_FALL_HYD 323578	64.39 -2.06 0.00	64.38 -1.99 0.00	64.32 -2.13 0.00	65.27 -2.02 0.00	71.78 -2.45 0.00	74.17 -2.85 0.00	80.86 -3.81 0.00	82.58 -3.26 0.00	82.83 -3.90 0.00	82.13 -3.69 0.00	83.00 -3.73 0.00	79.47 -2.97 0.00	79.55 -2.89 0.00	80.30 -2.65 0.00	81.03 -2.68 0.00	86.77 -3.24 0.00	88.49 -3.11 0.00	110.86 -4.14 0.00	94.59 -3.23 0.00	93.98 -3.11 0.00	88.52 -3.02 0.00	84.20 -1.98 0.00	81.89 -1.76 0.00	81.04 -0.90 0.00
CHAUTAUQUA___LFGE 323629	71.39 -3.52 -8.46	69.88 -3.78 -7.29	68.90 -3.39 -5.84	69.13 -3.36 -5.21	74.75 -3.94 -4.46	78.32 -3.62 -4.92	89.00 -3.98 -8.30	93.70 -3.60 -11.46	89.59 -4.16 -7.02	85.64 -4.80 -4.62	83.56 -4.42 -1.25	78.01 -4.94 -0.52	77.57 -4.86 0.00	78.73 -4.23 0.00	80.19 -3.51 0.00	84.99 -5.22 -0.20	87.38 -5.86 -1.64	111.06 -5.29 -1.35	93.70 -5.97 -1.85	92.63 -6.50 -2.05	88.19 -5.86 -2.51	82.57 -5.43 -1.81	79.83 -5.94 -2.12	79.72 -4.67 -2.45
CHERRYST_13_KV_LD 356241	118.69 5.71 -46.53	111.94 5.51 -40.05	104.14 5.58 -32.12	101.58 5.65 -28.65	104.91 6.16 -24.52	109.84 6.39 -26.43	137.52 7.54 -45.32	157.49 8.67 -62.97	133.82 9.19 -37.89	120.65 9.44 -25.39	103.15 9.54 -6.88	94.28 8.99 -2.85	91.51 9.07 0.00	92.00 9.04 0.00	93.08 9.38 0.00	103.75 9.99 -3.75	120.79 9.98 -19.20	157.03 12.65 -29.39	146.61 10.56 -38.23	118.82 10.48 -11.25	115.76 9.89 -14.33	105.02 8.88 -9.97	103.50 8.20 -11.66	103.12 7.70 -13.47

CHESTROR_138KV_BK263 355645	113.77 4.12 -43.20	107.61 4.05 -37.19	100.39 4.12 -29.82	98.06 4.17 -26.60	101.60 4.60 -22.76	106.23 4.62 -24.59	132.19 5.42 -42.10	150.41 6.10 -58.47	128.47 6.50 -35.23	115.83 6.44 -23.58	99.62 6.50 -6.39	91.27 6.18 -2.65	88.70 6.27 0.00	89.18 6.22 0.00	90.15 6.45 0.00	100.34 7.02 -3.31	115.91 7.14 -17.16	150.04 9.20 -25.85	139.11 7.63 -33.66	115.10 7.57 -10.45	112.04 7.23 -13.27	101.73 6.29 -9.25	100.24 5.77 -10.83	99.78 5.33 -12.51
CH_MIDHUDSON___DRP 24192	118.94 5.25 -47.25	112.16 5.11 -40.67	104.31 5.25 -32.61	101.62 5.25 -29.09	104.92 5.79 -24.90	110.17 5.93 -27.22	137.73 6.86 -46.20	157.52 7.73 -63.94	133.65 8.07 -38.86	119.59 7.98 -25.78	101.43 7.72 -6.98	92.67 7.34 -2.90	89.86 7.42 0.00	90.26 7.30 0.00	91.32 7.62 0.00	102.08 8.37 -3.70	119.30 8.61 -19.09	155.00 11.04 -28.96	144.72 9.19 -37.71	117.63 9.13 -11.42	114.77 8.70 -14.53	103.97 7.67 -10.12	102.59 7.11 -11.84	102.18 6.56 -13.68
CH_MISC_IPPS 23765	118.42 5.58 -46.39	111.75 5.44 -39.93	104.05 5.58 -32.02	101.50 5.65 -28.56	104.91 6.24 -24.44	110.14 6.39 -26.73	137.39 7.36 -45.36	157.13 8.50 -62.78	133.82 8.94 -38.15	119.72 8.58 -25.31	101.74 8.15 -6.86	92.86 7.58 -2.84	90.02 7.58 0.00	90.58 7.63 0.00	91.49 7.79 0.00	102.33 8.73 -3.59	119.35 9.16 -18.59	154.83 11.74 -28.10	144.11 9.69 -36.61	118.01 9.71 -11.22	114.95 9.15 -14.25	104.31 8.19 -9.94	102.71 7.44 -11.62	102.17 6.80 -13.43
CH_RES_BVR_FALLS 23983	65.12 -1.33 0.00	65.18 -1.19 0.00	65.18 -1.26 0.00	66.00 -1.28 0.00	72.90 -1.33 0.00	75.55 -1.47 0.00	82.89 -1.78 0.00	83.79 -2.06 0.00	84.47 -2.26 0.00	83.76 -2.06 0.00	84.57 -2.16 0.00	80.79 -1.65 0.00	80.87 -1.57 0.00	81.46 -1.49 0.00	82.11 -1.59 0.00	87.94 -2.07 0.00	89.59 -2.02 0.00	112.24 -2.76 0.00	95.57 -2.25 0.00	94.85 -2.23 0.00	89.44 -2.10 0.00	84.37 -1.81 0.00	82.30 -1.34 0.00	80.87 -1.07 0.00
CH_RES_NIAGARA 23895	68.20 -5.91 -7.67	67.27 -5.71 -6.60	66.02 -5.71 -5.29	66.15 -5.85 -4.72	71.81 -6.46 -4.04	74.75 -6.70 -4.43	84.73 -7.45 -7.51	87.90 -8.33 -10.38	84.82 -8.24 -6.33	81.34 -8.67 -4.18	79.19 -8.67 -1.13	74.09 -8.82 -0.47	73.62 -8.82 0.00	74.25 -8.71 0.00	75.17 -8.54 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.45 -12.76 -1.21	88.53 -10.96 -1.67	88.06 -10.87 -1.85	84.02 -9.80 -2.27	77.31 -10.51 -1.64	76.20 -9.37 -1.92	75.72 -8.44 -2.22
CH_RES_SYRACUSE 23985	71.75 -0.20 -5.50	70.78 -0.33 -4.74	69.98 -0.26 -3.80	70.40 -0.27 -3.39	76.83 -0.30 -2.90	78.42 0.08 -1.32	89.52 0.34 -4.50	93.90 0.61 -7.45	89.94 0.52 -2.69	89.17 0.34 -3.00	87.89 0.35 -0.81	82.77 0.00 -0.34	82.44 0.00 0.00	82.87 -0.08 0.00	83.79 0.08 0.00	90.41 0.27 -0.13	92.94 0.28 -1.06	116.43 0.58 -0.85	99.41 0.49 -1.10	98.80 0.39 -1.33	93.45 0.28 -1.63	87.45 0.09 -1.18	84.77 -0.25 -1.38	83.37 -0.16 -1.59
CLINTON_WT_PWR 323605	64.25 -2.19 0.00	64.38 -1.99 0.00	64.25 -2.19 0.00	65.07 -2.22 0.00	71.78 -2.45 0.00	74.09 -2.93 0.00	80.78 -3.89 0.00	81.99 -3.86 0.00	82.48 -4.25 0.00	81.96 -3.86 0.00	82.83 -3.90 0.00	79.55 -2.89 0.00	79.72 -2.72 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	86.77 -3.24 0.00	88.49 -3.11 0.00	110.74 -4.25 0.00	94.49 -3.33 0.00	93.88 -3.20 0.00	88.52 -3.02 0.00	83.60 -2.58 0.00	81.88 -1.76 0.00	81.04 -0.90 0.00
CLINTON___LFGE 323618	65.32 -1.13 0.00	65.44 -0.93 0.00	65.25 -1.19 0.00	66.14 -1.14 0.00	72.97 -1.26 0.00	75.17 -1.85 0.00	81.71 -2.97 0.00	83.10 -2.75 0.00	83.52 -3.21 0.00	82.99 -2.83 0.00	83.87 -2.86 0.00	80.29 -2.14 0.00	80.54 -1.89 0.00	81.38 -1.58 0.00	82.11 -1.59 0.00	87.76 -2.25 0.00	89.67 -1.93 0.00	112.36 -2.64 0.00	95.86 -1.96 0.00	95.14 -1.94 0.00	89.71 -1.83 0.00	84.72 -1.47 0.00	82.81 -0.84 0.00	82.27 0.33 0.00
COBBLENY_34_KV_TB1 80064	70.55 -4.52 -8.62	69.35 -4.45 -7.42	68.01 -4.39 -5.95	68.02 -4.58 -5.31	73.80 -4.97 -4.54	77.11 -4.93 -5.02	87.88 -5.25 -8.46	91.59 -5.92 -11.67	87.99 -5.90 -7.16	84.17 -6.35 -4.70	81.67 -6.33 -1.27	76.37 -6.60 -0.53	77.74 -4.70 0.00	78.39 -4.56 0.00	79.44 -4.27 0.00	83.55 -6.66 -0.20	85.85 -7.42 -1.67	109.70 -6.67 -1.37	92.27 -7.43 -1.89	91.11 -8.06 -2.08	86.77 -7.32 -2.55	80.01 -8.01 -1.85	78.53 -7.28 -2.16	77.96 -6.47 -2.50
COFFEEN___115KV_TB3 355620	69.93 0.93 -2.55	69.44 0.86 -2.20	69.01 0.80 -1.76	69.67 0.81 -1.57	76.91 1.34 -1.35	79.71 2.08 -0.61	90.32 3.56 -2.09	93.34 4.03 -3.46	91.36 3.38 -1.25	90.13 2.92 -1.39	89.71 2.60 -0.38	84.41 1.81 -0.16	84.00 1.57 0.00	84.70 1.74 0.00	85.72 2.01 0.00	92.63 2.61 -0.01	95.12 3.21 -0.31	119.37 4.37 0.00	101.35 3.52 -0.01	101.29 3.59 -0.62	95.22 2.93 -0.75	89.49 2.76 -0.55	86.79 2.51 -0.64	84.65 1.97 -0.74
COLDSPRG_115KV_BK1 355956	73.00 -2.52 -9.07	71.66 -2.52 -7.81	70.32 -2.39 -6.26	70.32 -2.56 -5.59	76.34 -2.67 -4.78	79.93 -2.39 -5.30	91.30 -2.29 -8.91	95.47 -2.66 -12.28	91.50 -2.78 -7.55	87.51 -3.26 -4.95	85.04 -3.04 -1.34	79.53 -3.46 -0.56	82.19 -0.25 0.00	82.79 -0.17 0.00	83.96 0.25 0.00	87.16 -3.06 -0.22	89.15 -4.21 -1.76	115.87 -0.57 -1.45	96.19 -3.62 -1.99	94.62 -4.66 -2.19	89.93 -4.30 -2.69	83.21 -4.91 -1.94	81.40 -4.52 -2.27	80.72 -3.85 -2.63
COLONIE_LFGE___ 323577	132.00 3.92 -61.63	123.35 3.92 -53.06	112.91 3.92 -42.54	109.20 3.97 -37.95	111.16 4.45 -32.48	156.41 4.70 -74.69	168.42 5.08 -78.67	174.41 5.15 -83.41	181.63 5.56 -89.34	124.69 5.24 -33.63	101.04 5.20 -9.11	91.08 4.86 -3.78	87.30 4.86 0.00	87.85 4.89 0.00	88.56 4.85 0.00	95.80 5.49 -0.30	104.74 5.68 -7.46	121.40 7.13 0.73	105.29 6.07 -1.41	117.91 5.92 -14.90	115.13 5.58 -18.00	104.55 5.17 -13.20	104.11 5.02 -15.45	104.54 4.75 -17.85
COOPERNY_115KV_TB1 80082	105.06 3.12 -35.49	99.98 3.05 -30.55	94.00 3.06 -24.50	92.30 3.16 -21.85	96.42 3.49 -18.70	100.76 3.47 -20.28	123.36 4.06 -34.62	138.43 4.55 -48.03	120.52 4.77 -29.02	110.00 4.81 -19.37	97.01 5.03 -5.25	89.31 4.70 -2.18	87.30 4.86 0.00	87.77 4.81 0.00	88.73 5.02 0.00	97.62 5.31 -2.30	109.51 5.40 -12.50	139.80 7.01 -17.78	126.84 5.77 -23.25	111.39 5.73 -8.58	107.85 5.49 -10.81	98.61 4.83 -7.60	96.89 4.35 -8.89	96.23 4.02 -10.28
COPENHAGEN_WT_PWR 323753	69.35 0.27 -2.64	68.78 0.13 -2.27	68.40 0.13 -1.82	69.04 0.13 -1.62	76.14 0.52 -1.39	78.81 1.16 -0.63	89.20 2.37 -2.16	92.16 2.75 -3.57	90.19 2.17 -1.29	89.15 1.89 -1.44	88.68 1.56 -0.39	83.59 0.99 -0.16	83.18 0.74 0.00	83.87 0.91 0.00	84.88 1.17 0.00	91.55 1.53 -0.01	93.85 1.93 -0.32	117.64 2.65 0.00	99.97 2.15 -0.01	99.95 2.23 -0.64	94.05 1.73 -0.77	88.38 1.63 -0.57	85.81 1.51 -0.66	83.85 1.15 -0.76
CORNELL_____ 23752	79.11 1.46 -11.21	77.41 1.39 -9.65	75.58 1.40 -7.73	75.53 1.35 -6.90	81.77 1.63 -5.90	86.01 2.08 -6.91	98.72 2.88 -11.17	104.02 3.00 -15.17	99.34 2.95 -9.66	94.51 2.57 -6.12	90.90 2.52 -1.66	85.02 1.90 -0.69	84.66 2.23 0.00	85.28 2.32 0.00	86.30 2.59 0.00	93.07 2.79 -0.27	96.71 2.93 -2.18	121.27 4.48 -1.79	103.82 3.52 -2.48	103.09 3.30 -2.71	97.88 3.02 -3.32	90.82 2.24 -2.40	88.46 2.01 -2.81	87.07 1.88 -3.25

CORONA__69_KV_TB1 355595	146.90 6.64 -73.81	113.01 6.57 -40.07	105.15 6.58 -32.13	102.54 6.59 -28.66	106.03 7.27 -24.53	110.93 7.47 -26.44	147.04 8.64 -53.73	177.14 9.61 -81.68	155.34 10.06 -58.55	138.27 10.13 -42.32	110.12 10.06 -13.33	104.14 9.48 -12.22	92.17 9.73 0.00	96.73 9.62 -4.15	106.38 9.96 -12.71	117.38 10.80 -16.57	139.19 11.08 -36.51	158.31 13.91 -29.40	152.82 11.93 -43.07	143.42 11.75 -34.59	129.40 11.17 -26.68	122.96 10.00 -26.79	105.32 9.37 -12.30	104.19 8.77 -13.48
CORTLAND__115KV_TB3 80093	76.52 0.86 -9.21	75.10 0.80 -7.93	73.60 0.80 -6.36	73.77 0.81 -5.67	80.05 0.96 -4.86	83.76 1.31 -5.43	95.69 1.95 -9.08	100.29 1.97 -12.47	96.44 1.99 -7.72	92.57 1.72 -5.03	89.83 1.73 -1.36	84.24 1.24 -0.56	84.00 1.57 0.00	84.53 1.58 0.00	85.55 1.84 0.00	92.12 1.89 -0.22	95.31 1.92 -1.79	119.45 2.99 -1.46	102.08 2.25 -2.01	101.35 2.04 -2.23	96.10 1.83 -2.73	89.45 1.29 -1.97	87.12 1.17 -2.31	85.67 1.07 -2.67
COXSACKIE__GT 23611	129.03 5.45 -57.13	120.93 5.37 -49.18	111.33 5.45 -39.44	107.98 5.52 -35.18	110.64 6.31 -30.10	128.18 6.62 -44.53	153.44 7.45 -61.32	170.72 7.56 -77.32	152.55 7.37 -58.45	123.18 6.18 -31.18	100.29 5.12 -8.45	90.31 4.37 -3.50	86.48 4.04 0.00	87.43 4.48 0.00	88.39 4.68 0.00	97.21 6.48 -0.71	107.98 7.78 -8.60	129.47 10.57 -3.90	112.77 8.61 -6.34	117.98 7.08 -13.81	114.94 6.59 -16.80	104.10 5.69 -12.24	103.73 5.77 -14.32	104.06 5.57 -16.55
CPV_VALLEY__CC1 323721	110.43 3.59 -40.40	104.67 3.52 -34.78	97.92 3.59 -27.88	95.85 3.70 -24.87	99.52 4.01 -21.28	103.92 3.93 -22.98	128.60 4.57 -39.36	145.93 5.41 -54.67	125.47 5.81 -32.93	113.62 5.75 -22.04	98.68 5.98 -5.97	90.52 5.61 -2.48	88.12 5.68 0.00	88.68 5.72 0.00	89.57 5.86 0.00	99.27 6.30 -2.96	113.54 6.41 -15.53	146.21 8.17 -23.04	134.70 6.84 -30.04	113.64 6.79 -9.77	110.33 6.41 -12.38	100.61 5.77 -8.65	98.79 5.02 -10.12	98.22 4.59 -11.70
CPV_VALLEY__CC2 323722	110.43 3.59 -40.40	104.67 3.52 -34.78	97.92 3.59 -27.88	95.85 3.70 -24.87	99.52 4.01 -21.28	103.92 3.93 -22.98	128.60 4.57 -39.36	145.93 5.41 -54.67	125.47 5.81 -32.93	113.62 5.75 -22.04	98.68 5.98 -5.97	90.52 5.61 -2.48	88.12 5.68 0.00	88.68 5.72 0.00	89.57 5.86 0.00	99.27 6.30 -2.96	113.54 6.41 -15.53	146.21 8.17 -23.04	134.70 6.84 -30.04	113.64 6.79 -9.77	110.33 6.41 -12.38	100.61 5.77 -8.65	98.79 5.02 -10.12	98.22 4.59 -11.70
CRESCENT__HYD 24018	132.00 3.92 -61.63	123.35 3.92 -53.06	112.91 3.92 -42.54	109.20 3.97 -37.95	111.16 4.45 -32.48	156.41 4.70 -74.69	168.42 5.08 -78.67	174.41 5.15 -83.41	181.63 5.56 -89.34	124.69 5.24 -33.63	101.04 5.20 -9.11	91.08 4.86 -3.78	87.30 4.86 0.00	87.85 4.89 0.00	88.56 4.85 0.00	95.80 5.49 -0.30	104.74 5.68 -7.46	121.40 7.13 0.73	105.29 6.07 -1.41	117.91 5.92 -14.90	115.13 5.58 -18.00	104.55 5.17 -13.20	104.11 5.02 -15.45	104.54 4.75 -17.85
CRICKET__VALLEY_CC1 323756	120.38 4.58 -49.35	113.38 4.52 -42.49	105.09 4.58 -34.07	102.31 4.64 -30.39	105.35 5.12 -26.00	111.16 5.31 -28.83	138.95 5.84 -48.44	159.16 6.52 -66.79	134.82 7.11 -40.98	119.79 7.04 -26.93	100.97 6.94 -7.30	92.06 6.60 -3.02	89.11 6.67 0.00	89.67 6.72 0.00	90.65 6.94 0.00	101.37 7.56 -3.80	119.00 7.70 -19.70	154.49 9.77 -29.72	144.76 8.22 -38.73	117.07 8.05 -11.93	114.39 7.69 -15.16	103.73 6.98 -10.57	102.45 6.44 -12.37	102.21 5.98 -14.29
CRICKET__VALLEY_CC2 323757	120.38 4.58 -49.35	113.38 4.52 -42.49	105.09 4.58 -34.07	102.31 4.64 -30.39	105.35 5.12 -26.00	111.16 5.31 -28.83	138.95 5.84 -48.44	159.16 6.52 -66.79	134.82 7.11 -40.98	119.79 7.04 -26.93	100.97 6.94 -7.30	92.06 6.60 -3.02	89.11 6.67 0.00	89.67 6.72 0.00	90.65 6.94 0.00	101.37 7.56 -3.80	119.00 7.70 -19.70	154.49 9.77 -29.72	144.76 8.22 -38.73	117.07 8.05 -11.93	114.39 7.69 -15.16	103.73 6.98 -10.57	102.45 6.44 -12.37	102.21 5.98 -14.29
CRICKET__VALLEY_CC3 323758	120.38 4.58 -49.35	113.38 4.52 -42.49	105.09 4.58 -34.07	102.31 4.64 -30.39	105.35 5.12 -26.00	111.16 5.31 -28.83	138.95 5.84 -48.44	159.16 6.52 -66.79	134.82 7.11 -40.98	119.79 7.04 -26.93	100.97 6.94 -7.30	92.06 6.60 -3.02	89.11 6.67 0.00	89.67 6.72 0.00	90.65 6.94 0.00	101.37 7.56 -3.80	119.00 7.70 -19.70	154.49 9.77 -29.72	144.76 8.22 -38.73	117.07 8.05 -11.93	114.39 7.69 -15.16	103.73 6.98 -10.57	102.45 6.44 -12.37	102.21 5.98 -14.29
CRUCIBLE__METL_DRP 24180	71.75 -0.20 -5.50	70.85 -0.27 -4.74	69.98 -0.27 -3.80	70.40 -0.27 -3.39	76.91 -0.22 -2.90	78.42 0.08 -1.32	89.60 0.42 -4.50	93.72 0.43 -7.45	89.94 0.52 -2.69	89.17 0.34 -3.00	87.89 0.35 -0.81	82.77 0.00 -0.34	82.52 0.08 0.00	83.04 0.08 0.00	83.87 0.17 0.00	90.41 0.27 -0.13	92.93 0.27 -1.06	116.42 0.57 -0.85	99.41 0.49 -1.10	98.80 0.39 -1.33	93.45 0.27 -1.63	87.19 -0.17 -1.18	84.77 -0.25 -1.38	83.21 -0.33 -1.59
DAHOWA__HYDRO 323763	133.98 4.99 -62.55	125.20 4.98 -53.85	114.54 4.92 -43.18	110.78 4.98 -38.51	112.76 5.57 -32.96	165.81 6.01 -82.78	174.47 6.69 -83.11	177.54 7.04 -84.65	191.48 7.19 -97.56	126.31 6.35 -34.13	102.30 6.33 -9.25	91.80 5.52 -3.83	87.88 5.44 0.00	88.51 5.56 0.00	89.57 5.86 0.00	97.01 6.84 -0.17	105.88 7.23 -7.05	123.28 9.54 1.25	106.78 7.92 -1.05	119.87 7.67 -15.13	116.94 7.15 -18.26	106.12 6.55 -13.40	105.51 6.19 -15.67	105.79 5.73 -18.11
DANC__LFGE 323619	69.01 -0.53 -3.09	68.37 -0.66 -2.66	67.92 -0.66 -2.14	68.52 -0.67 -1.91	75.42 -0.44 -1.63	77.76 0.00 -0.74	87.88 0.67 -2.53	91.07 1.03 -4.19	88.85 0.61 -1.51	87.94 0.43 -1.69	87.45 0.26 -0.46	82.46 -0.16 -0.19	82.19 -0.25 0.00	82.71 -0.25 0.00	83.71 0.00 0.00	90.20 0.18 -0.01	92.34 0.37 -0.37	115.57 0.58 0.00	98.32 0.49 -0.01	98.32 0.49 -0.75	92.72 0.28 -0.90	87.10 0.26 -0.66	84.59 0.17 -0.78	82.75 -0.08 -0.90
DANSKAMMER__1 23586	118.42 5.58 -46.39	111.75 5.44 -39.93	104.05 5.58 -32.02	101.50 5.65 -28.56	104.91 6.24 -24.44	110.14 6.39 -26.73	137.39 7.36 -45.36	157.13 8.50 -62.78	133.82 8.94 -38.15	119.72 8.58 -25.31	101.74 8.15 -6.86	92.86 7.58 -2.84	90.02 7.58 0.00	90.58 7.63 0.00	91.49 7.79 0.00	102.33 8.73 -3.59	119.35 9.16 -18.59	154.83 11.74 -28.10	144.11 9.69 -36.61	118.01 9.71 -11.22	114.95 9.15 -14.25	104.31 8.19 -9.94	102.71 7.44 -11.62	102.17 6.80 -13.43
DANSKAMMER__2 23589	118.42 5.58 -46.39	111.75 5.44 -39.93	104.05 5.58 -32.02	101.50 5.65 -28.56	104.91 6.24 -24.44	110.14 6.39 -26.73	137.39 7.36 -45.36	157.13 8.50 -62.78	133.82 8.94 -38.15	119.72 8.58 -25.31	101.74 8.15 -6.86	92.86 7.58 -2.84	90.02 7.58 0.00	90.58 7.63 0.00	91.49 7.79 0.00	102.33 8.73 -3.59	119.35 9.16 -18.59	154.83 11.74 -28.10	144.11 9.69 -36.61	118.01 9.71 -11.22	114.95 9.15 -14.25	104.31 8.19 -9.94	102.71 7.44 -11.62	102.17 6.80 -13.43
DANSKAMMER__3 23590	118.42 5.58 -46.39	111.75 5.44 -39.93	104.05 5.58 -32.02	101.50 5.65 -28.56	104.91 6.24 -24.44	110.14 6.39 -26.73	137.39 7.36 -45.36	157.13 8.50 -62.78	133.82 8.94 -38.15	119.72 8.58 -25.31	101.74 8.15 -6.86	92.86 7.58 -2.84	90.02 7.58 0.00	90.58 7.63 0.00	91.49 7.79 0.00	102.33 8.73 -3.59	119.35 9.16 -18.59	154.83 11.74 -28.10	144.11 9.69 -36.61	118.01 9.71 -11.22	114.95 9.15 -14.25	104.31 8.19 -9.94	102.71 7.44 -11.62	102.17 6.80 -13.43

DANSKAMMER___4 23591	118.42 5.58 -46.39	111.75 5.44 -39.93	104.05 5.58 -32.02	101.50 5.65 -28.56	104.91 6.24 -24.44	110.14 6.39 -26.73	137.39 7.36 -45.36	157.13 8.50 -62.78	133.82 8.94 -38.15	119.72 8.58 -25.31	101.74 8.15 -6.86	92.86 7.58 -2.84	90.02 7.58 0.00	90.58 7.63 0.00	91.49 7.79 0.00	102.33 8.73 -3.59	119.35 9.16 -18.59	154.83 11.74 -28.10	144.11 9.69 -36.61	118.01 9.71 -11.22	114.95 9.15 -14.25	104.31 8.19 -9.94	102.71 7.44 -11.62	102.17 6.80 -13.43
DANSKAMMER___DIESEL 23592	118.42 5.58 -46.39	111.82 5.51 -39.93	104.05 5.58 -32.02	101.50 5.65 -28.56	104.91 6.24 -24.44	110.14 6.39 -26.73	137.40 7.37 -45.36	156.95 8.33 -62.78	133.56 8.67 -38.15	119.63 8.50 -25.31	101.65 8.07 -6.86	92.87 7.58 -2.84	90.02 7.58 0.00	90.50 7.55 0.00	91.58 7.87 0.00	102.33 8.73 -3.59	119.35 9.16 -18.59	154.83 11.73 -28.10	144.11 9.68 -36.61	118.01 9.71 -11.22	114.95 9.15 -14.25	104.13 8.01 -9.94	102.71 7.44 -11.62	102.17 6.80 -13.43
DARBY___SOLAR 323810	133.58 4.72 -62.42	124.82 4.71 -53.73	114.18 4.65 -43.08	110.42 4.71 -38.43	112.39 5.27 -32.89	164.42 5.62 -81.78	173.57 6.35 -82.55	176.93 6.61 -84.47	190.04 6.77 -96.54	125.89 6.01 -34.06	101.94 5.98 -9.23	91.46 5.20 -3.83	87.63 5.20 0.00	88.27 5.31 0.00	89.23 5.52 0.00	96.58 6.39 -0.18	105.55 6.87 -7.08	122.81 8.98 1.16	106.38 7.43 -1.13	119.46 7.28 -15.09	116.54 6.77 -18.22	105.76 6.21 -13.37	105.14 5.85 -15.64	105.51 5.49 -18.08
DASHVILLE___HYD 23610	121.10 6.71 -47.94	114.21 6.57 -41.27	106.25 6.71 -33.09	103.60 6.80 -29.52	107.06 7.57 -25.26	115.34 7.70 -30.61	141.93 8.98 -48.28	160.94 10.22 -64.88	139.69 10.58 -42.38	121.94 9.96 -26.16	102.75 8.93 -7.09	93.54 8.16 -2.94	90.60 8.16 0.00	91.09 8.13 0.00	92.33 8.62 0.00	102.97 10.26 -2.70	118.08 11.18 -15.31	150.14 14.49 -20.65	136.90 11.84 -27.24	120.13 11.46 -11.59	116.87 10.80 -14.52	105.67 9.22 -10.27	104.11 8.45 -12.01	103.53 7.70 -13.88
DEERFIELD_69_KV_DEERFIELD LD 355887	148.76 8.51 -73.81	115.00 8.56 -40.06	107.21 8.64 -32.12	104.62 8.68 -28.65	108.33 9.58 -24.52	113.08 9.63 -26.43	149.40 11.01 -53.72	179.88 12.36 -81.67	158.12 12.84 -58.55	140.24 12.10 -42.32	111.68 11.62 -13.33	105.70 11.05 -12.22	93.90 11.46 0.00	98.71 11.61 -4.15	108.47 12.05 -12.71	119.54 12.96 -16.57	142.03 13.92 -36.51	161.99 17.59 -29.40	155.55 14.67 -43.07	146.04 14.37 -34.59	131.87 13.64 -26.68	126.15 13.19 -26.79	108.66 12.71 -12.30	107.38 11.96 -13.48
DELAWARE___LFGE 323621	90.34 2.66 -21.24	87.25 2.59 -18.28	83.76 2.66 -14.66	82.99 2.62 -13.08	88.39 2.97 -11.19	99.19 3.23 -18.93	112.57 3.98 -23.92	118.71 4.12 -28.74	114.99 4.16 -24.09	101.44 4.03 -11.59	94.03 4.16 -3.14	87.37 3.63 -1.30	86.23 3.79 0.00	86.77 3.82 0.00	87.73 4.02 0.00	94.94 4.41 -0.52	100.27 4.49 -4.18	124.46 5.98 -3.48	107.63 4.79 -5.03	107.07 4.85 -5.14	102.32 4.49 -6.30	94.78 4.05 -4.55	92.65 3.68 -5.32	91.45 3.36 -6.15
DERFIELD_115KV_TB7 355931	67.04 0.60 0.00	66.97 0.60 0.00	67.04 0.60 0.00	67.96 0.67 0.00	74.97 0.74 0.00	77.87 0.85 0.00	85.69 1.02 0.00	86.88 1.03 0.00	87.86 1.13 0.00	86.85 1.03 0.00	87.77 1.04 0.00	83.34 0.91 0.00	83.43 0.99 0.00	83.95 1.00 0.00	84.71 1.00 0.00	91.18 1.17 0.00	92.70 1.10 0.00	116.49 1.49 0.00	98.99 1.17 0.00	98.25 1.16 0.00	92.64 1.10 0.00	87.22 1.03 0.00	84.65 1.00 0.00	82.84 0.90 0.00
DOGLEVILLE___HYD 23807	69.24 2.79 0.00	69.16 2.79 0.00	69.30 2.86 0.00	70.18 2.89 0.00	77.57 3.34 0.00	80.72 3.70 0.00	88.74 4.06 0.00	90.14 4.29 0.00	91.15 4.42 0.00	90.28 4.46 0.00	91.41 4.68 0.00	86.89 4.45 0.00	86.89 4.45 0.00	87.60 4.64 0.00	88.39 4.68 0.00	95.14 5.13 0.00	97.01 5.40 0.00	121.90 6.90 0.00	103.68 5.87 0.00	103.00 5.92 0.00	97.13 5.58 0.00	91.78 5.60 0.00	89.08 5.43 0.00	87.26 5.32 0.00
DUNKIRK___115KV_TB_200 55889	71.30 -3.59 -8.44	70.12 -3.52 -7.27	68.88 -3.39 -5.83	68.98 -3.50 -5.20	74.89 -3.79 -4.45	78.23 -3.70 -4.91	89.14 -3.81 -8.28	92.89 -4.38 -11.42	89.31 -4.42 -7.00	85.54 -4.89 -4.61	83.21 -4.77 -1.25	77.76 -5.19 -0.52	78.73 -3.71 0.00	79.31 -3.65 0.00	80.44 -3.26 0.00	84.99 -5.22 -0.20	87.19 -6.05 -1.64	110.82 -5.52 -1.34	93.50 -6.16 -1.85	92.42 -6.70 -2.04	88.00 -6.04 -2.50	81.18 -6.81 -1.81	79.65 -6.11 -2.12	78.98 -5.41 -2.44
DUNKIRK___1 23563	71.30 -3.59 -8.44	70.12 -3.52 -7.27	68.88 -3.39 -5.83	68.98 -3.50 -5.20	74.89 -3.79 -4.45	78.23 -3.70 -4.91	89.14 -3.81 -8.28	92.89 -4.38 -11.42	89.31 -4.42 -7.00	85.54 -4.89 -4.61	83.21 -4.77 -1.25	77.76 -5.19 -0.52	78.73 -3.71 0.00	79.31 -3.65 0.00	80.44 -3.26 0.00	84.99 -5.22 -0.20	87.19 -6.05 -1.64	110.82 -5.52 -1.34	93.50 -6.16 -1.85	92.42 -6.70 -2.04	88.00 -6.04 -2.50	81.18 -6.81 -1.81	79.65 -6.11 -2.12	78.98 -5.41 -2.44
DUNKIRK___2 23564	71.30 -3.59 -8.44	70.12 -3.52 -7.27	68.88 -3.39 -5.83	68.98 -3.50 -5.20	74.89 -3.79 -4.45	78.23 -3.70 -4.91	89.14 -3.81 -8.28	92.89 -4.38 -11.42	89.31 -4.42 -7.00	85.54 -4.89 -4.61	83.21 -4.77 -1.25	77.76 -5.19 -0.52	78.73 -3.71 0.00	79.31 -3.65 0.00	80.44 -3.26 0.00	84.99 -5.22 -0.20	87.19 -6.05 -1.64	110.82 -5.52 -1.34	93.50 -6.16 -1.85	92.42 -6.70 -2.04	88.00 -6.04 -2.50	81.18 -6.81 -1.81	79.65 -6.11 -2.12	78.98 -5.41 -2.44
DUNKIRK___3 23565	70.73 -4.05 -8.34	69.64 -3.92 -7.18	68.35 -3.85 -5.76	68.45 -3.97 -5.13	74.32 -4.31 -4.39	77.63 -4.24 -4.84	88.36 -4.49 -8.18	92.07 -5.06 -11.29	88.61 -5.03 -6.91	84.79 -5.58 -4.55	82.50 -5.46 -1.23	77.18 -5.77 -0.51	78.15 -4.29 0.00	78.81 -4.15 0.00	79.86 -3.85 0.00	84.36 -5.85 -0.20	86.53 -6.69 -1.62	110.11 -6.21 -1.33	92.89 -6.75 -1.83	91.82 -7.28 -2.02	87.42 -6.59 -2.47	80.64 -7.33 -1.79	79.13 -6.61 -2.09	78.45 -5.90 -2.42
DUNKIRK___4 23566	70.73 -4.05 -8.34	69.64 -3.92 -7.18	68.35 -3.85 -5.76	68.45 -3.97 -5.13	74.32 -4.31 -4.39	77.63 -4.24 -4.84	88.36 -4.49 -8.18	92.07 -5.06 -11.29	88.61 -5.03 -6.91	84.79 -5.58 -4.55	82.50 -5.46 -1.23	77.18 -5.77 -0.51	78.15 -4.29 0.00	78.81 -4.15 0.00	79.86 -3.85 0.00	84.36 -5.85 -0.20	86.53 -6.69 -1.62	110.11 -6.21 -1.33	92.89 -6.75 -1.83	91.82 -7.28 -2.02	87.42 -6.59 -2.47	80.64 -7.33 -1.79	79.13 -6.61 -2.09	78.45 -5.90 -2.42
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	118.22 5.25 -46.53	111.54 5.11 -40.06	103.81 5.25 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.38 5.93 -26.43	136.93 6.94 -45.32	156.71 7.90 -62.97	133.04 8.41 -37.90	119.71 8.50 -25.39	102.11 8.50 -6.88	93.37 8.08 -2.85	90.68 8.24 0.00	91.17 8.21 0.00	92.16 8.45 0.00	102.85 9.09 -3.75	119.87 9.07 -19.20	156.00 11.61 -29.39	145.83 9.78 -38.23	118.04 9.71 -11.25	115.02 9.15 -14.33	104.25 8.10 -9.97	102.83 7.53 -11.66	102.38 6.96 -13.47
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	116.36 4.98 -44.93	109.97 4.91 -38.68	102.45 4.98 -31.02	100.00 5.05 -27.67	103.47 5.57 -23.68	108.57 5.62 -25.92	135.23 6.60 -43.95	154.13 7.47 -60.81	131.53 7.81 -36.99	117.98 7.64 -24.52	100.83 7.46 -6.64	92.20 7.01 -2.75	89.53 7.09 0.00	90.01 7.05 0.00	91.07 7.37 0.00	101.42 8.01 -3.40	117.63 8.34 -17.69	152.24 10.69 -26.55	141.32 8.90 -34.61	116.78 8.83 -10.87	113.76 8.42 -13.79	103.13 7.33 -9.62	101.68 6.78 -11.26	101.18 6.23 -13.01

E179THST_138_KV_TB4_REV_LBMP_J 345001	118.82 5.85 -46.53	111.68 5.24 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.61 5.86 -24.52	109.46 6.01 -26.43	137.19 7.20 -45.32	157.23 8.41 -62.97	133.47 8.85 -37.90	120.22 9.01 -25.39	102.71 9.11 -6.87	93.86 8.57 -2.84	91.17 8.74 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.38 9.63 -3.74	120.42 9.62 -19.20	156.57 12.19 -29.38	146.32 10.27 -38.23	118.52 10.19 -11.24	115.48 9.61 -14.32	104.76 8.62 -9.96	103.34 8.03 -11.67	102.86 7.46 -13.47
E179THST_13_KV_LOAD 356214	119.09 6.11 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.65 8.84 -62.97	133.91 9.28 -37.90	120.65 9.44 -25.39	103.14 9.54 -6.87	94.27 8.99 -2.84	91.58 9.15 0.01	92.07 9.13 0.01	93.07 9.38 0.01	103.83 10.08 -3.74	120.87 10.08 -19.20	157.26 12.88 -29.38	146.90 10.86 -38.23	119.10 10.78 -11.24	116.02 10.16 -14.32	105.27 9.14 -9.96	103.76 8.45 -11.67	103.27 7.87 -13.47
EAST HAMPTON___GT 23717	148.49 8.24 -73.81	114.67 8.23 -40.06	106.87 8.30 -32.12	104.28 8.34 -28.65	108.03 9.28 -24.52	112.85 9.39 -26.43	149.32 10.93 -53.72	179.96 12.44 -81.67	158.20 12.93 -58.55	139.81 11.67 -42.32	111.16 11.10 -13.33	105.29 10.64 -12.22	93.49 11.05 0.00	98.71 11.61 -4.15	108.63 12.22 -12.71	119.72 13.14 -16.57	142.12 14.02 -36.51	162.33 17.93 -29.40	155.55 14.67 -43.07	146.03 14.37 -34.59	132.05 13.82 -26.68	126.84 13.88 -26.79	109.32 13.38 -12.30	108.03 12.61 -13.48
EAST RIVER___6 23660	118.42 5.45 -46.53	111.67 5.24 -40.05	103.88 5.32 -32.12	101.32 5.38 -28.65	104.61 5.86 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.40 8.58 -62.97	134.08 9.46 -37.89	120.65 9.44 -25.39	103.06 9.46 -6.88	94.28 8.99 -2.85	91.42 8.99 0.00	92.00 9.04 0.00	93.00 9.29 0.00	103.57 9.81 -3.75	120.61 9.81 -19.20	156.69 12.31 -29.39	146.32 10.27 -38.23	118.62 10.29 -11.25	115.57 9.70 -14.33	104.94 8.79 -9.97	103.25 7.95 -11.66	102.70 7.29 -13.47
EAST RIVER___7 23524	118.42 5.45 -46.53	111.67 5.24 -40.05	103.88 5.32 -32.12	101.32 5.38 -28.65	104.61 5.86 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.40 8.58 -62.97	134.08 9.46 -37.89	120.65 9.44 -25.39	103.06 9.46 -6.88	94.28 8.99 -2.85	91.42 8.99 0.00	92.00 9.04 0.00	93.00 9.29 0.00	103.57 9.81 -3.75	120.61 9.81 -19.20	156.69 12.31 -29.39	146.32 10.27 -38.23	118.62 10.29 -11.25	115.57 9.70 -14.33	104.94 8.79 -9.97	103.25 7.95 -11.66	102.70 7.29 -13.47
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	117.93 5.05 -46.44	111.33 4.98 -39.98	103.55 5.05 -32.06	100.99 5.11 -28.59	104.27 5.57 -24.47	109.10 5.70 -26.38	136.59 6.69 -45.23	156.33 7.64 -62.85	132.62 8.07 -37.82	119.32 8.15 -25.34	101.83 8.24 -6.87	93.03 7.75 -2.85	90.35 7.91 0.00	90.84 7.88 0.00	91.83 8.12 0.00	102.48 8.73 -3.74	119.54 8.79 -19.15	155.56 11.27 -29.29	145.32 9.32 -38.11	117.63 9.32 -11.23	114.63 8.79 -14.30	103.97 7.84 -9.95	102.56 7.28 -11.64	102.11 6.72 -13.45
EAST_HAMPTON___DIESEL 23722	148.35 8.10 -73.81	114.53 8.09 -40.06	106.74 8.17 -32.12	104.14 8.21 -28.65	107.88 9.13 -24.52	112.69 9.24 -26.43	149.15 10.75 -53.72	179.88 12.36 -81.67	158.03 12.75 -58.55	139.64 11.50 -42.32	110.99 10.93 -13.33	105.21 10.55 -12.22	93.32 10.88 0.00	98.63 11.53 -4.15	108.55 12.13 -12.71	119.62 13.05 -16.57	142.03 13.92 -36.51	162.22 17.82 -29.40	155.36 14.47 -43.07	145.84 14.17 -34.59	131.95 13.73 -26.68	126.75 13.79 -26.79	109.25 13.30 -12.30	108.03 12.61 -13.48
EAST_POINT___SOLAR 323840	140.20 5.38 -68.37	130.47 5.24 -58.86	118.69 5.05 -47.19	114.56 5.18 -42.10	116.20 5.94 -36.02	167.04 6.70 -83.32	180.35 8.21 -87.47	186.79 8.42 -92.53	193.81 7.54 -99.54	127.68 4.55 -37.31	100.48 3.64 -10.11	87.87 1.24 -4.19	83.26 0.82 0.00	84.45 1.49 0.00	86.39 2.68 0.00	95.87 5.67 -0.19	106.74 7.42 -7.72	124.35 10.57 1.22	107.72 8.81 -1.09	122.25 8.64 -16.53	119.28 7.78 -19.96	108.15 7.32 -14.64	107.22 6.44 -17.13	107.56 5.82 -19.80
EAST_PULASKI___ESR 323781	68.60 -1.33 -3.48	67.91 -1.46 -2.99	67.38 -1.46 -2.40	67.95 -1.48 -2.14	74.58 -1.48 -1.83	76.70 -1.15 -0.83	86.51 -1.01 -2.85	89.78 -0.77 -4.71	87.48 -0.95 -1.70	86.69 -1.03 -1.90	86.11 -1.13 -0.51	81.33 -1.32 -0.21	81.12 -1.32 0.00	81.54 -1.41 0.00	82.45 -1.25 0.00	88.77 -1.26 -0.02	90.83 -1.19 -0.42	113.50 -1.50 0.00	96.55 -1.27 -0.01	96.66 -1.26 -0.84	91.37 -1.19 -1.02	85.80 -1.12 -0.74	83.17 -1.34 -0.87	81.55 -1.39 -1.01
EAST_RIVER___1 323558	118.49 5.51 -46.53	111.74 5.31 -40.05	104.01 5.45 -32.12	101.45 5.52 -28.65	104.69 5.94 -24.52	109.68 6.24 -26.43	137.35 7.36 -45.32	157.58 8.76 -62.97	133.99 9.37 -37.89	120.48 9.27 -25.39	102.98 9.37 -6.88	94.11 8.83 -2.85	91.34 8.91 0.00	91.92 8.96 0.00	92.83 9.13 0.00	103.39 9.64 -3.75	120.42 9.62 -19.20	156.57 12.18 -29.39	146.32 10.27 -38.23	118.52 10.19 -11.25	115.48 9.61 -14.33	104.94 8.79 -9.97	103.25 7.95 -11.66	102.70 7.29 -13.47
EAST_RIVER___2 323559	118.42 5.45 -46.53	111.67 5.24 -40.05	103.88 5.32 -32.12	101.32 5.38 -28.65	104.61 5.86 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.40 8.58 -62.97	134.08 9.46 -37.89	120.65 9.44 -25.39	103.06 9.46 -6.88	94.28 8.99 -2.85	91.42 8.99 0.00	92.00 9.04 0.00	93.00 9.29 0.00	103.57 9.81 -3.75	120.61 9.81 -19.20	156.69 12.31 -29.39	146.32 10.27 -38.23	118.62 10.29 -11.25	115.57 9.70 -14.33	104.94 8.79 -9.97	103.25 7.95 -11.66	102.70 7.29 -13.47
EAST___DELAWARE_HYD 23607	114.58 5.64 -42.49	108.46 5.51 -36.58	101.42 5.64 -29.33	99.16 5.72 -26.16	102.93 6.31 -22.39	108.89 6.62 -25.24	134.20 7.62 -41.91	152.20 8.84 -57.51	131.53 9.10 -35.70	117.42 8.42 -23.19	100.73 7.72 -6.28	92.05 7.00 -2.60	89.28 6.84 0.00	89.92 6.97 0.00	90.74 7.03 0.00	101.03 8.19 -2.83	115.85 8.98 -15.27	148.68 11.74 -21.95	136.13 9.59 -28.72	117.06 9.71 -10.28	113.66 9.15 -12.96	103.30 8.02 -9.10	101.49 7.19 -10.65	100.80 6.56 -12.31
EIGHT_POINT___WT_PWR 323820	73.28 -3.59 -10.42	71.43 -3.92 -8.97	70.12 -3.52 -7.19	70.27 -3.43 -6.42	76.31 -3.41 -5.49	80.86 -2.31 -6.15	92.99 -1.94 -10.26	97.98 -1.97 -14.11	93.53 -1.91 -8.71	89.45 -2.06 -5.69	86.36 -1.91 -1.54	80.93 -2.14 -0.64	80.54 -1.89 0.00	81.87 -1.08 0.00	83.29 -0.42 0.00	88.81 -1.44 -0.25	92.16 -1.47 -2.03	116.77 0.12 -1.66	99.03 -1.07 -2.29	97.86 -1.74 -2.52	93.35 -1.28 -3.09	86.95 -1.47 -2.23	84.25 -2.01 -2.61	83.81 -1.15 -3.02
ELBRIDGE_115KV_TB2 80188	72.09 -0.33 -5.97	71.12 -0.40 -5.14	70.17 -0.40 -4.12	70.56 -0.40 -3.68	77.08 -0.30 -3.15	78.38 -0.08 -1.43	89.82 0.25 -4.89	94.19 0.26 -8.08	89.99 0.35 -2.91	89.25 0.17 -3.26	87.70 0.09 -0.88	82.64 -0.16 -0.37	82.36 -0.08 0.00	82.87 -0.08 0.00	83.71 0.00 0.00	90.24 0.09 -0.14	92.84 0.09 -1.15	116.27 0.34 -0.93	99.22 0.20 -1.21	98.62 0.10 -1.44	93.40 0.09 -1.77	87.12 -0.34 -1.28	84.72 -0.42 -1.50	83.18 -0.49 -1.73
ELEC_TRO_TEK 24086	146.43 6.18 -73.81	112.61 6.17 -40.07	104.75 6.18 -32.13	102.13 6.19 -28.66	105.58 6.83 -24.52	110.47 7.01 -26.44	146.61 8.21 -53.73	176.62 9.10 -81.67	154.82 9.54 -58.55	137.75 9.61 -42.32	109.60 9.54 -13.33	103.72 9.07 -12.22	91.75 9.32 0.00	96.23 9.13 -4.15	105.87 9.46 -12.71	116.93 10.35 -16.57	138.55 10.44 -36.51	157.50 13.11 -29.40	152.03 11.15 -43.07	142.74 11.07 -34.59	128.75 10.53 -26.68	122.45 9.48 -26.79	104.81 8.87 -12.30	103.69 8.28 -13.48

ELLENBURG_WT_PWR 323604	64.25 -2.19 0.00	64.38 -1.99 0.00	64.25 -2.19 0.00	65.07 -2.22 0.00	71.78 -2.45 0.00	74.09 -2.93 0.00	80.78 -3.89 0.00	81.99 -3.86 0.00	82.48 -4.25 0.00	81.96 -3.86 0.00	82.83 -3.90 0.00	79.55 -2.89 0.00	79.72 -2.72 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	86.77 -3.24 0.00	88.49 -3.11 0.00	110.74 -4.25 0.00	94.49 -3.33 0.00	93.88 -3.20 0.00	88.52 -3.02 0.00	83.60 -2.58 0.00	81.88 -1.76 0.00	81.04 -0.90 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	69.69 -4.85 -8.10	68.63 -4.71 -6.97	67.32 -4.72 -5.59	67.43 -4.84 -4.99	73.23 -5.27 -4.27	76.40 -5.31 -4.70	86.85 -5.76 -7.94	90.37 -6.44 -10.96	87.02 -6.42 -6.70	83.37 -6.87 -4.42	81.16 -6.76 -1.20	75.84 -7.09 -0.50	76.42 -6.02 0.00	77.07 -5.89 0.00	78.10 -5.61 0.00	82.91 -7.29 -0.19	85.11 -8.06 -1.57	107.66 -8.62 -1.29	91.17 -8.41 -1.77	90.30 -8.74 -1.96	86.07 -7.87 -2.40	79.30 -8.62 -1.73	77.98 -7.70 -2.03	77.32 -6.96 -2.35
EMPIRE_CC_1 323656	129.09 3.39 -59.26	120.77 3.38 -51.01	110.73 3.39 -40.90	107.20 3.43 -36.48	109.24 3.78 -31.22	123.26 4.00 -42.24	150.65 4.23 -61.74	170.33 4.29 -80.19	148.13 4.68 -56.72	122.79 4.63 -32.34	100.08 4.59 -8.76	90.44 4.37 -3.63	86.89 4.45 0.00	87.43 4.48 0.00	87.22 3.52 0.00	94.25 3.96 -0.29	102.80 4.03 -7.17	119.94 4.94 0.00	103.22 4.20 -1.20	115.97 4.56 -14.33	113.08 4.21 -17.32	103.01 4.14 -12.69	102.84 4.35 -14.85	103.28 4.18 -17.16
EMPIRE_CC_2 323658	129.09 3.39 -59.26	120.77 3.38 -51.01	110.73 3.39 -40.90	107.20 3.43 -36.48	109.24 3.78 -31.22	123.26 4.00 -42.24	150.65 4.23 -61.74	170.33 4.29 -80.19	148.13 4.68 -56.72	122.79 4.63 -32.34	100.08 4.59 -8.76	90.44 4.37 -3.63	86.89 4.45 0.00	87.43 4.48 0.00	87.22 3.52 0.00	94.25 3.96 -0.29	102.80 4.03 -7.17	119.94 4.94 0.00	103.22 4.20 -1.20	115.97 4.56 -14.33	113.08 4.21 -17.32	103.01 4.14 -12.69	102.84 4.35 -14.85	103.28 4.18 -17.16
ENORWICH_115KV_TB1 80156	87.15 5.32 -15.39	84.86 5.24 -13.24	82.25 5.18 -10.62	82.01 5.25 -9.47	88.42 6.09 -8.11	95.35 7.24 -11.09	110.08 9.31 -16.09	116.37 9.70 -20.82	110.78 9.19 -14.86	103.06 8.84 -8.40	97.68 8.67 -2.27	90.39 7.01 -0.94	89.53 7.09 0.00	90.42 7.47 0.00	91.74 8.04 0.00	99.65 9.27 -0.37	104.87 10.26 -3.01	131.86 14.37 -2.49	113.06 11.74 -3.50	112.55 11.75 -3.72	106.72 10.62 -4.56	98.78 9.31 -3.30	96.03 8.53 -3.86	94.18 7.78 -4.46
ERIE_ST__34_KV_TB1-2 80199	70.03 -4.85 -8.43	68.79 -4.85 -7.26	67.48 -4.78 -5.82	67.56 -4.91 -5.19	73.25 -5.42 -4.44	76.53 -5.39 -4.90	87.27 -5.67 -8.27	90.90 -6.35 -11.41	87.39 -6.33 -6.99	83.73 -6.69 -4.60	81.38 -6.59 -1.25	76.11 -6.84 -0.52	78.89 -3.54 0.00	79.47 -3.48 0.00	80.61 -3.10 0.00	83.46 -6.75 -0.20	85.45 -7.79 -1.63	111.28 -5.06 -1.34	92.33 -7.34 -1.85	90.67 -8.45 -2.04	86.35 -7.69 -2.50	79.63 -8.36 -1.81	78.15 -7.61 -2.11	77.50 -6.88 -2.44
ERIE_WT_PWR 323693	70.09 -4.65 -8.30	68.61 -4.91 -7.15	67.59 -4.58 -5.73	67.75 -4.64 -5.11	73.34 -5.27 -4.37	76.68 -5.16 -4.82	87.05 -5.76 -8.14	91.50 -5.58 -11.23	87.53 -6.07 -6.88	83.82 -6.53 -4.53	81.71 -6.25 -1.23	76.27 -6.67 -0.51	75.84 -6.60 0.00	77.07 -5.89 0.00	78.52 -5.19 0.00	83.19 -7.02 -0.20	85.61 -7.60 -1.61	108.95 -7.36 -1.32	91.90 -7.73 -1.82	90.84 -8.25 -2.01	86.50 -7.50 -2.46	80.89 -7.07 -1.78	78.36 -7.36 -2.08	78.36 -5.98 -2.40
ESPRGFLD_115KV_TB1 80157	69.30 2.86 0.00	69.16 2.79 0.00	69.17 2.72 0.00	69.98 2.69 0.00	77.42 3.19 0.00	130.11 3.70 -49.40	112.85 4.91 -23.27	90.83 4.98 0.00	140.29 4.68 -48.87	89.51 3.69 0.00	90.20 3.47 0.00	84.83 2.39 0.00	84.75 2.31 0.00	85.44 2.49 0.00	86.80 3.10 0.00	94.24 4.23 0.00	96.46 4.85 0.00	121.90 6.90 0.00	105.08 5.48 -1.79	102.62 5.53 0.00	96.39 4.85 0.00	90.58 4.40 0.00	87.49 3.85 0.00	85.30 3.36 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	78.98 1.33 -11.21	77.28 1.26 -9.65	75.44 1.26 -7.73	75.39 1.21 -6.90	81.62 1.48 -5.90	85.85 1.93 -6.91	98.55 2.71 -11.17	103.84 2.83 -15.17	99.17 2.78 -9.66	94.34 2.40 -6.12	90.73 2.34 -1.66	84.86 1.73 -0.69	84.50 2.06 0.00	85.11 2.16 0.00	86.14 2.43 0.00	92.89 2.61 -0.27	96.53 2.75 -2.18	121.04 4.25 -1.79	103.52 3.23 -2.48	102.80 3.01 -2.71	97.61 2.75 -3.32	90.65 2.07 -2.40	88.29 1.84 -2.81	86.91 1.72 -3.25
ETNA____115KV_TB2 80207	78.98 1.33 -11.21	77.28 1.26 -9.65	75.44 1.26 -7.73	75.39 1.21 -6.90	81.62 1.48 -5.90	85.85 1.93 -6.91	98.55 2.71 -11.17	103.84 2.83 -15.17	99.17 2.78 -9.66	94.34 2.40 -6.12	90.73 2.34 -1.66	84.86 1.73 -0.69	84.50 2.06 0.00	85.11 2.16 0.00	86.14 2.43 0.00	92.89 2.61 -0.27	96.53 2.75 -2.18	121.04 4.25 -1.79	103.52 3.23 -2.48	102.80 3.01 -2.71	97.61 2.75 -3.32	90.65 2.07 -2.40	88.29 1.84 -2.81	86.91 1.72 -3.25
EUCLID____115KV_TB2 356179	69.58 -1.26 -4.40	68.83 -1.33 -3.78	68.22 -1.26 -3.03	68.71 -1.28 -2.71	75.21 -1.34 -2.32	76.84 -1.23 -1.06	87.25 -1.02 -3.60	90.77 -1.03 -5.95	87.92 -0.95 -2.15	87.10 -1.12 -2.40	86.25 -1.13 -0.65	81.39 -1.32 -0.27	81.12 -1.32 0.00	81.63 -1.33 0.00	82.45 -1.26 0.00	88.77 -1.26 -0.02	90.85 -1.28 -0.53	113.50 -1.49 0.00	96.56 -1.27 -0.01	96.79 -1.36 -1.06	91.55 -1.28 -1.29	85.57 -1.55 -0.94	83.16 -1.59 -1.10	81.57 -1.64 -1.27
E_CANADA_CAP_HY 24051	141.00 3.59 -70.97	130.98 3.52 -61.09	118.82 3.39 -48.99	114.41 3.43 -43.69	115.63 4.01 -37.39	161.15 4.54 -79.58	177.98 5.76 -87.54	187.73 5.84 -96.05	188.52 5.29 -96.50	128.07 3.52 -38.73	100.34 3.12 -10.49	88.44 1.65 -4.35	83.84 1.40 0.00	84.70 1.74 0.00	86.14 2.43 0.00	94.49 4.23 -0.25	105.04 5.22 -8.22	121.75 7.59 0.83	105.43 6.17 -1.45	120.26 6.02 -17.16	117.58 5.31 -20.73	106.55 5.17 -15.20	105.94 4.51 -17.78	106.42 3.93 -20.55
E_CANADA_MHWK_HY 24050	69.24 2.79 0.00	69.16 2.79 0.00	69.30 2.86 0.00	70.18 2.89 0.00	77.57 3.34 0.00	80.72 3.70 0.00	88.74 4.06 0.00	90.14 4.29 0.00	91.15 4.42 0.00	90.28 4.46 0.00	91.41 4.68 0.00	86.89 4.45 0.00	86.89 4.45 0.00	87.60 4.64 0.00	88.39 4.68 0.00	95.14 5.13 0.00	97.01 5.40 0.00	121.90 6.90 0.00	103.68 5.87 0.00	103.00 5.92 0.00	97.13 5.58 0.00	91.78 5.60 0.00	89.08 5.43 0.00	87.26 5.32 0.00
E_FISHKILL____LBMP 23776	118.57 4.72 -47.41	111.83 4.65 -40.81	103.89 4.72 -32.72	101.25 4.78 -29.19	104.41 5.20 -24.98	109.26 5.31 -26.92	137.02 6.18 -46.17	156.96 6.95 -64.16	132.71 7.37 -38.60	119.07 7.38 -25.87	101.20 7.46 -7.01	92.35 7.01 -2.91	89.61 7.17 0.00	90.09 7.13 0.00	91.07 7.37 0.00	101.88 8.01 -3.86	119.39 8.06 -19.73	155.53 10.23 -30.30	145.74 8.51 -39.41	116.99 8.45 -11.46	114.21 8.06 -14.61	103.49 7.15 -10.15	102.13 6.61 -11.88	101.81 6.15 -13.73
FALCON____SEABRD_CC1 323796	65.12 -1.33 0.00	65.18 -1.19 0.00	65.05 -1.40 0.00	65.94 -1.35 0.00	72.67 -1.56 0.00	74.94 -2.08 0.00	81.20 -3.48 0.00	82.58 -3.26 0.00	83.00 -3.73 0.00	82.47 -3.35 0.00	83.35 -3.38 0.00	79.88 -2.56 0.00	80.13 -2.31 0.00	80.96 -1.99 0.00	81.70 -2.01 0.00	87.31 -2.70 0.00	89.13 -2.47 0.00	111.55 -3.45 0.00	95.18 -2.64 0.00	94.56 -2.52 0.00	89.08 -2.47 0.00	84.20 -1.98 0.00	82.30 -1.34 0.00	82.02 0.08 0.00

FALCON___SEABRD_CC2 323797	65.12 -1.33 0.00	65.18 -1.19 0.00	65.05 -1.40 0.00	65.94 -1.35 0.00	72.67 -1.56 0.00	74.94 -2.08 0.00	81.20 -3.48 0.00	82.58 -3.26 0.00	83.00 -3.73 0.00	82.47 -3.35 0.00	83.35 -3.38 0.00	79.88 -2.56 0.00	80.13 -2.31 0.00	80.96 -1.99 0.00	81.70 -2.01 0.00	87.31 -2.70 0.00	89.13 -2.47 0.00	111.55 -3.45 0.00	95.18 -2.64 0.00	94.56 -2.52 0.00	89.08 -2.47 0.00	84.20 -1.98 0.00	82.30 -1.34 0.00	82.02 0.08 0.00
FAR ROCKAWAY___4 23548	147.50 7.24 -73.81	113.61 7.17 -40.07	105.75 7.18 -32.13	103.14 7.20 -28.66	106.70 7.94 -24.53	111.62 8.16 -26.44	147.97 9.57 -53.73	178.08 10.56 -81.68	156.21 10.93 -58.55	139.13 10.99 -42.33	110.90 10.84 -13.33	104.96 10.30 -12.22	92.99 10.55 0.00	97.56 10.45 -4.15	107.22 10.80 -12.71	118.37 11.79 -16.57	140.20 12.09 -36.51	159.57 15.18 -29.40	153.89 13.01 -43.07	144.48 12.81 -34.59	130.40 12.18 -26.68	123.82 10.86 -26.79	106.15 10.20 -12.30	105.01 9.59 -13.48
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	118.56 5.58 -46.53	111.81 5.38 -40.06	104.08 5.51 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.69 6.24 -26.43	137.27 7.28 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.75 8.79 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.51 9.71 -19.20	156.69 12.30 -29.39	146.32 10.27 -38.23	118.53 10.19 -11.25	115.57 9.70 -14.33	104.85 8.70 -9.97	103.33 8.03 -11.66	102.95 7.54 -13.47
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	118.56 5.58 -46.53	111.87 5.44 -40.06	104.08 5.51 -32.12	101.52 5.58 -28.65	104.76 6.01 -24.52	109.69 6.24 -26.43	137.36 7.37 -45.32	157.31 8.50 -62.97	133.56 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.75 8.79 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.51 9.71 -19.20	156.69 12.30 -29.39	146.32 10.27 -38.23	118.62 10.29 -11.25	115.57 9.70 -14.33	104.85 8.70 -9.97	103.33 8.03 -11.66	102.95 7.54 -13.47
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	118.49 5.51 -46.53	111.81 5.38 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.89	120.22 9.01 -25.39	102.72 9.11 -6.88	93.95 8.66 -2.85	91.18 8.74 0.00	91.67 8.71 0.00	92.66 8.96 0.00	103.39 9.63 -3.75	120.42 9.62 -19.20	156.57 12.19 -29.39	146.32 10.27 -38.23	118.53 10.19 -11.25	115.48 9.61 -14.33	104.76 8.62 -9.97	103.25 7.95 -11.66	102.87 7.46 -13.47
FARRAGUT___LBMP 323566	118.42 5.45 -46.53	111.74 5.31 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.68 5.94 -24.52	109.53 6.08 -26.43	137.19 7.20 -45.32	157.14 8.33 -62.97	133.47 8.85 -37.89	120.22 9.01 -25.39	102.63 9.02 -6.88	93.86 8.57 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.66 8.96 0.00	103.30 9.54 -3.75	120.33 9.53 -19.20	156.46 12.07 -29.39	146.22 10.17 -38.23	118.43 10.10 -11.25	115.39 9.52 -14.33	104.68 8.53 -9.97	103.25 7.95 -11.66	102.87 7.46 -13.47
FENNER___WINDPWR 24204	74.11 1.53 -6.13	73.05 1.40 -5.28	72.14 1.46 -4.23	72.54 1.48 -3.78	79.24 1.78 -3.23	82.76 2.24 -3.51	93.62 2.96 -5.99	97.41 3.26 -8.30	94.79 3.03 -5.03	91.91 2.75 -3.35	90.33 2.69 -0.91	85.04 2.23 -0.38	84.58 2.14 0.00	85.20 2.24 0.00	86.14 2.43 0.00	92.95 2.79 -0.14	95.71 2.93 -1.18	119.86 3.91 -0.95	102.26 3.13 -1.31	101.58 3.01 -1.48	96.10 2.74 -1.82	89.90 2.41 -1.31	87.27 2.09 -1.54	85.68 1.96 -1.78
FIBERTEK___ENERGY 23856	71.75 -0.20 -5.50	70.85 -0.27 -4.74	69.98 -0.27 -3.80	70.40 -0.27 -3.39	76.91 -0.22 -2.90	78.42 0.08 -1.32	89.60 0.42 -4.50	93.72 0.43 -7.45	89.94 0.52 -2.69	89.17 0.34 -3.00	87.89 0.35 -0.81	82.77 0.00 -0.34	82.52 0.08 0.00	83.04 0.08 0.00	83.87 0.17 0.00	90.41 0.27 -0.13	92.93 0.27 -1.06	116.42 0.57 -0.85	99.41 0.49 -1.10	98.80 0.39 -1.33	93.45 0.27 -1.63	87.19 0.27 -1.18	84.77 -0.25 -1.38	83.21 -0.33 -1.59
FITZPATRICK___ 23598	66.64 -2.46 -2.65	66.13 -2.52 -2.28	65.75 -2.52 -1.83	66.43 -2.49 -1.63	72.88 -2.75 -1.40	74.96 -2.70 -0.64	84.05 -2.79 -2.17	86.68 -2.75 -3.59	85.24 -2.78 -1.29	84.35 -2.92 -1.45	84.26 -2.86 -0.39	79.64 -2.96 -0.16	79.47 -2.96 0.00	79.89 -3.07 0.00	80.70 -3.01 0.00	86.96 -3.06 -0.01	88.81 -3.11 -0.32	110.97 -4.03 0.00	94.50 -3.33 -0.01	94.42 -3.30 -0.64	89.20 -3.11 -0.77	83.73 -3.02 -0.57	81.22 -3.09 -0.66	79.76 -2.95 -0.77
FLOWRFLD_69_KV_BK1 356044	148.29 8.04 -73.81	114.47 8.03 -40.06	106.61 8.04 -32.12	104.01 8.07 -28.65	107.66 8.91 -24.52	112.54 9.09 -26.43	148.90 10.50 -53.72	179.11 11.59 -81.67	157.33 12.06 -58.55	139.98 11.84 -42.32	111.59 11.54 -13.33	105.62 10.96 -12.22	93.65 11.21 0.00	98.22 11.12 -4.15	107.88 11.47 -12.71	119.09 12.51 -16.57	141.39 13.28 -36.51	160.95 16.56 -29.40	155.16 14.28 -43.07	145.65 13.98 -34.59	131.41 13.18 -26.68	125.03 12.07 -26.79	107.32 11.38 -12.30	105.90 10.49 -13.48
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	118.75 5.71 -46.59	112.06 5.58 -40.11	104.32 5.71 -32.16	101.69 5.72 -28.69	105.16 6.38 -24.55	110.29 6.47 -26.79	137.74 7.54 -45.53	157.40 8.50 -63.05	133.85 8.85 -38.27	119.83 8.58 -25.43	101.77 8.15 -6.89	92.96 7.67 -2.86	90.10 7.67 0.00	90.59 7.63 0.00	91.74 8.04 0.00	102.56 8.91 -3.64	119.62 9.25 -18.77	155.40 11.96 -28.45	144.74 9.88 -37.05	118.15 9.81 -11.27	115.20 9.34 -14.32	104.26 8.10 -9.98	102.85 7.53 -11.68	102.40 6.96 -13.49
FORT ORANGE___ 23900	129.84 2.99 -60.40	121.43 3.05 -52.00	111.20 3.06 -41.69	107.57 3.10 -37.19	109.47 3.42 -31.83	133.51 3.62 -52.87	156.20 3.98 -67.54	170.68 3.09 -81.74	157.53 3.29 -67.50	122.13 3.34 -32.96	99.22 3.56 -8.93	89.44 3.30 -3.70	85.74 3.30 0.00	86.36 3.40 0.00	86.31 2.60 0.00	93.16 3.06 -0.08	101.23 3.12 -6.51	118.15 4.48 1.33	101.61 3.81 0.01	114.99 3.30 -14.61	112.28 3.11 -17.63	102.05 2.93 -12.94	102.13 3.35 -15.14	103.20 3.77 -17.49
FORT_DRUM_COGEN 23780	69.24 0.33 -2.46	68.76 0.27 -2.12	68.34 0.20 -1.70	69.00 0.20 -1.51	76.19 0.67 -1.30	78.92 1.31 -0.59	89.31 2.62 -2.01	92.26 3.09 -3.33	90.44 2.52 -1.20	89.31 2.15 -1.34	88.91 1.82 -0.36	83.82 1.24 -0.15	83.43 0.99 0.00	84.12 1.16 0.00	85.13 1.42 0.00	91.73 1.71 -0.01	94.10 2.20 -0.30	117.99 2.99 0.00	100.17 2.35 -0.01	100.10 2.43 -0.59	94.18 1.92 -0.72	88.60 1.90 -0.53	86.02 1.76 -0.62	83.96 1.31 -0.71
FOX_HILLS___ESR 323835	118.63 5.65 -46.53	111.74 5.31 -40.06	104.28 5.71 -32.12	101.72 5.79 -28.65	104.98 6.24 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.50 8.67 -62.98	133.73 9.11 -37.90	126.13 9.35 -30.96	111.53 9.45 -15.34	114.03 8.90 -22.69	116.70 8.99 -25.28	106.33 8.96 -14.42	101.53 9.21 -8.61	103.67 9.90 -3.76	129.96 9.98 -28.37	164.65 12.88 -36.77	152.20 10.86 -43.52	122.19 10.78 -14.34	116.04 10.16 -14.34	105.20 9.05 -9.97	103.76 8.45 -11.67	138.57 8.03 -48.60
FPL FAR_ROCK_GT1 24212	147.50 7.24 -73.81	113.55 7.11 -40.07	105.75 7.18 -32.13	103.15 7.20 -28.66	106.70 7.95 -24.53	111.70 8.25 -26.44	147.97 9.57 -53.73	178.34 10.82 -81.68	156.55 11.27 -58.55	139.30 11.15 -42.33	111.08 11.02 -13.33	105.05 10.39 -12.22	93.00 10.55 0.00	97.64 10.54 -4.15	107.22 10.80 -12.71	118.37 11.79 -16.57	140.20 12.09 -36.51	159.57 15.18 -29.40	153.89 13.01 -43.07	144.48 12.81 -34.59	130.40 12.18 -26.68	124.00 11.03 -26.79	106.15 10.20 -12.30	104.92 9.50 -13.48

FPL FAR_ROCK_GT2 23815	147.50 7.24 -73.81	113.55 7.11 -40.07	105.75 7.18 -32.13	103.15 7.20 -28.66	106.70 7.95 -24.53	111.70 8.25 -26.44	147.97 9.57 -53.73	178.34 10.82 -81.68	156.55 11.27 -58.55	139.30 11.15 -42.33	111.08 11.02 -13.33	105.05 10.39 -12.22	93.00 10.55 0.00	97.64 10.54 -4.15	107.22 10.80 -12.71	118.37 11.79 -16.57	140.20 12.09 -36.51	159.57 15.18 -29.40	153.89 13.01 -43.07	144.48 12.81 -34.59	130.40 12.18 -26.68	124.00 11.03 -26.79	106.15 10.20 -12.30	104.92 9.50 -13.48
FRANKLIN_FALL_HYD 24054	65.38 -1.06 0.00	65.31 -1.06 0.00	65.25 -1.20 0.00	66.14 -1.14 0.00	72.75 -1.48 0.00	75.02 -2.00 0.00	81.88 -2.79 0.00	83.53 -2.32 0.00	83.43 -3.30 0.00	82.82 -3.00 0.00	83.61 -3.12 0.00	80.05 -2.39 0.00	80.05 -2.39 0.00	80.80 -2.16 0.00	81.53 -2.18 0.00	86.95 -3.06 0.00	88.95 -2.66 0.00	111.43 -3.56 0.00	95.08 -2.74 0.00	94.36 -2.72 0.00	88.89 -2.65 0.00	84.97 -1.21 0.00	82.56 -1.09 0.00	81.78 -0.16 0.00
FREEPORT_EQUS_GT1 23764	147.16 6.91 -73.81	113.21 6.77 -40.07	105.42 6.85 -32.13	102.81 6.87 -28.66	106.33 7.58 -24.52	111.23 7.78 -26.44	147.46 9.06 -53.73	177.82 10.30 -81.67	156.12 10.84 -58.55	138.78 10.64 -42.32	110.46 10.40 -13.33	104.46 9.81 -12.22	92.41 9.97 0.00	97.05 9.95 -4.15	106.62 10.21 -12.71	117.74 11.16 -16.57	139.56 11.45 -36.51	158.77 14.37 -29.40	153.21 12.32 -43.07	143.80 12.13 -34.59	129.76 11.53 -26.68	123.48 10.51 -26.79	105.64 9.70 -12.30	104.43 9.01 -13.48
FREEPORT___CT2 23818	147.16 6.91 -73.81	113.21 6.77 -40.07	105.42 6.85 -32.13	102.81 6.87 -28.66	106.33 7.58 -24.52	111.23 7.78 -26.44	147.46 9.06 -53.73	177.82 10.30 -81.67	156.12 10.84 -58.55	138.78 10.64 -42.32	110.46 10.40 -13.33	104.46 9.81 -12.22	92.41 9.97 0.00	97.05 9.95 -4.15	106.62 10.21 -12.71	117.74 11.16 -16.57	139.56 11.45 -36.51	158.77 14.37 -29.40	153.21 12.32 -43.07	143.80 12.13 -34.59	129.76 11.53 -26.68	123.48 10.51 -26.79	105.64 9.70 -12.30	104.43 9.01 -13.48
FRESHKLS_33_KV_LOAD 356253	112.53 5.45 -40.64	111.54 5.11 -40.06	104.15 5.58 -32.12	101.59 5.65 -28.65	104.84 6.09 -24.52	109.46 6.01 -26.43	112.47 7.03 -20.77	135.02 8.41 -40.76	121.32 8.85 -25.74	118.67 9.10 -23.75	106.51 9.11 -10.67	100.32 8.66 -9.23	100.33 8.74 -9.15	100.16 8.63 -8.58	100.33 8.96 -7.67	103.40 9.63 -3.76	120.52 9.71 -19.21	133.39 12.53 -5.86	123.21 10.56 -14.83	118.83 10.48 -11.26	113.16 9.89 -11.73	104.95 8.79 -9.97	103.59 8.28 -11.67	138.49 7.95 -48.60
FULTON COGEN____ 23766	68.65 -1.59 -3.80	67.98 -1.66 -3.27	67.41 -1.66 -2.62	67.94 -1.68 -2.34	74.45 -1.78 -2.00	76.31 -1.62 -0.91	86.26 -1.52 -3.11	89.44 -1.55 -5.14	87.11 -1.47 -1.85	86.35 -1.54 -2.07	85.73 -1.56 -0.56	80.94 -1.73 -0.23	80.71 -1.73 0.00	81.21 -1.74 0.00	82.03 -1.67 0.00	88.41 -1.62 -0.02	90.41 -1.65 -0.46	112.93 -2.07 0.00	96.17 -1.66 -0.01	96.25 -1.75 -0.92	91.01 -1.65 -1.11	85.10 -1.90 -0.81	82.67 -1.92 -0.95	81.07 -1.97 -1.10
FULTON___LFGE 323630	139.01 4.85 -67.72	129.45 4.78 -58.30	117.84 4.65 -46.74	113.69 4.71 -41.69	115.33 5.42 -35.68	167.29 6.01 -84.26	179.41 7.28 -87.45	184.96 7.46 -91.65	194.06 7.02 -100.31	128.01 5.24 -36.95	101.68 4.94 -10.01	90.13 3.54 -4.15	85.74 3.30 0.00	86.52 3.56 0.00	87.89 4.18 0.00	96.03 5.85 -0.17	106.08 6.87 -7.60	123.34 9.66 1.32	106.74 7.92 -1.01	121.23 7.77 -16.37	118.36 7.05 -19.77	107.32 6.64 -14.50	106.47 5.85 -16.97	106.87 5.32 -19.61
G.F.CEMENT___DRP 24184	134.74 5.51 -62.78	125.86 5.44 -54.04	115.09 5.32 -43.33	111.32 5.38 -38.65	113.39 6.09 -33.08	168.13 6.62 -84.49	176.29 7.54 -84.08	178.70 7.90 -84.96	194.01 7.98 -99.30	127.12 7.04 -34.26	103.04 7.03 -9.28	92.39 6.10 -3.85	88.46 6.02 0.00	89.09 6.14 0.00	90.15 6.45 0.00	97.63 7.47 -0.15	106.56 7.97 -6.99	124.28 10.69 1.41	107.53 8.80 -0.91	120.80 8.54 -15.18	117.64 7.78 -18.32	106.69 7.07 -13.45	106.07 6.69 -15.73	106.26 6.15 -18.18
GARDENVILLE___LBMP 24039	69.92 -4.78 -8.25	68.83 -4.65 -7.11	67.56 -4.58 -5.70	67.66 -4.71 -5.08	73.38 -5.20 -4.35	76.65 -5.16 -4.79	87.26 -5.50 -8.09	90.84 -6.18 -11.17	87.41 -6.16 -6.84	83.72 -6.61 -4.50	81.36 -6.59 -1.22	76.10 -6.84 -0.51	77.00 -5.44 0.00	77.65 -5.31 0.00	78.69 -5.02 0.00	83.18 -7.02 -0.20	85.42 -7.79 -1.60	108.49 -7.82 -1.31	91.60 -8.02 -1.81	90.63 -8.45 -2.00	86.39 -7.60 -2.45	79.59 -8.36 -1.77	78.19 -7.53 -2.07	77.61 -6.72 -2.39
GARDNVLA_35_KV_LD 355827	70.18 -4.58 -8.32	69.09 -4.45 -7.16	67.80 -4.39 -5.74	67.83 -4.58 -5.12	73.64 -4.97 -4.38	76.85 -5.01 -4.83	87.50 -5.33 -8.16	91.09 -6.01 -11.26	87.64 -5.98 -6.89	83.92 -6.44 -4.54	81.63 -6.33 -1.23	76.27 -6.68 -0.51	77.33 -5.11 0.00	77.98 -4.98 0.00	79.02 -4.69 0.00	83.46 -6.75 -0.20	85.70 -7.51 -1.61	108.96 -7.36 -1.32	92.01 -7.63 -1.82	90.94 -8.15 -2.01	86.59 -7.41 -2.46	79.78 -8.19 -1.78	78.45 -7.28 -2.08	77.79 -6.56 -2.41
GELCKHM___115KV_LOAD 80723	70.38 -0.86 -4.80	69.58 -0.93 -4.13	68.83 -0.93 -3.31	69.30 -0.94 -2.95	75.79 -0.96 -2.53	77.40 -0.77 -1.15	88.09 -0.51 -3.93	91.82 -0.52 -6.49	88.64 -0.43 -2.34	87.84 -0.60 -2.62	86.83 -0.61 -0.71	81.91 -0.82 -0.29	81.61 -0.82 0.00	82.13 -0.83 0.00	82.95 -0.75 0.00	89.49 -0.63 -0.11	91.88 -0.64 -0.92	115.04 -0.69 -0.73	98.09 -0.68 -0.95	97.56 -0.68 -1.16	92.32 -0.64 -1.42	86.17 -1.03 -1.03	83.76 -1.09 -1.20	82.18 -1.15 -1.39
GENERAL___MILLS 23808	70.09 -4.65 -8.30	68.94 -4.58 -7.15	67.66 -4.52 -5.73	67.75 -4.64 -5.11	73.48 -5.12 -4.37	76.76 -5.08 -4.82	87.31 -5.50 -8.14	90.98 -6.10 -11.23	87.45 -6.16 -6.88	83.74 -6.61 -4.53	81.45 -6.50 -1.23	76.19 -6.76 -0.51	77.24 -5.19 0.00	77.90 -5.06 0.00	78.94 -4.77 0.00	83.28 -6.93 -0.20	85.52 -7.69 -1.61	108.84 -7.47 -1.32	91.81 -7.83 -1.82	90.74 -8.35 -2.01	86.40 -7.60 -2.46	79.69 -8.27 -1.78	78.28 -7.44 -2.08	77.71 -6.64 -2.40
GE_PLASTICS___DRP 24183	129.38 2.52 -60.41	120.96 2.59 -52.00	110.73 2.59 -41.70	107.10 2.62 -37.19	108.95 2.89 -31.83	127.96 3.00 -47.93	153.21 3.30 -65.23	170.69 3.09 -81.75	152.66 3.30 -62.64	122.22 3.43 -32.96	99.30 3.64 -8.93	89.52 3.38 -3.70	85.90 3.46 0.00	86.44 3.48 0.00	86.55 2.85 0.00	93.31 3.33 0.03	101.07 3.39 -6.07	117.07 4.48 2.41	100.03 3.81 1.60	115.28 3.59 -14.61	112.53 3.39 -17.60	102.22 3.10 -12.94	102.13 3.35 -15.14	102.63 3.20 -17.49
GILBOA___1 23756	116.64 2.52 -47.67	109.87 2.46 -41.03	101.87 2.52 -32.90	99.19 2.56 -29.35	102.17 2.82 -25.12	104.92 2.93 -24.97	133.50 3.39 -45.44	153.62 3.26 -64.51	127.04 3.56 -36.75	115.44 3.60 -26.01	97.59 3.81 -7.05	88.90 3.54 -2.92	86.06 3.62 0.00	86.60 3.65 0.00	87.39 3.68 0.00	94.20 3.96 -0.23	101.13 3.76 -5.77	119.71 4.72 0.00	102.29 3.81 -0.66	112.59 3.98 -11.53	109.23 3.75 -13.94	100.09 3.70 -10.21	99.02 3.43 -11.94	98.94 3.19 -13.80
GILBOA___2 23757	116.64 2.52 -47.67	109.87 2.46 -41.03	101.87 2.52 -32.90	99.19 2.56 -29.35	102.17 2.82 -25.12	104.92 2.93 -24.97	133.50 3.39 -45.44	153.62 3.26 -64.51	127.04 3.56 -36.75	115.44 3.60 -26.01	97.59 3.81 -7.05	88.90 3.54 -2.92	86.06 3.62 0.00	86.60 3.65 0.00	87.39 3.68 0.00	94.20 3.96 -0.23	101.13 3.76 -5.77	119.71 4.72 0.00	102.29 3.81 -0.66	112.59 3.98 -11.53	109.23 3.75 -13.94	100.09 3.70 -10.21	99.02 3.43 -11.94	98.94 3.19 -13.80

GILBOA___3 23758	116.64 2.52 -47.67	109.87 2.46 -41.03	101.87 2.52 -32.90	99.19 2.56 -29.35	102.17 2.82 -25.12	104.92 2.93 -24.97	133.50 3.39 -45.44	153.62 3.26 -64.51	127.04 3.56 -36.75	115.44 3.60 -26.01	97.59 3.81 -7.05	88.90 3.54 -2.92	86.06 3.62 0.00	86.60 3.65 0.00	87.39 3.68 0.00	94.20 3.96 -0.23	101.13 3.76 -5.77	119.71 4.72 0.00	102.29 3.81 -0.66	112.59 3.98 -11.53	109.23 3.75 -13.94	100.09 3.70 -10.21	99.02 3.43 -11.94	98.94 3.19 -13.80
GILBOA___4 23759	116.64 2.52 -47.67	109.87 2.46 -41.03	101.87 2.52 -32.90	99.19 2.56 -29.35	102.17 2.82 -25.12	104.92 2.93 -24.97	133.50 3.39 -45.44	153.62 3.26 -64.51	127.04 3.56 -36.75	115.44 3.60 -26.01	97.59 3.81 -7.05	88.90 3.54 -2.92	86.06 3.62 0.00	86.60 3.65 0.00	87.39 3.68 0.00	94.20 3.96 -0.23	101.13 3.76 -5.77	119.71 4.72 0.00	102.29 3.81 -0.66	112.59 3.98 -11.53	109.23 3.75 -13.94	100.09 3.70 -10.21	99.02 3.43 -11.94	98.94 3.19 -13.80
GILBOA___ 23599	116.64 2.52 -47.67	109.93 2.52 -41.03	101.87 2.52 -32.90	99.19 2.56 -29.35	102.17 2.82 -25.12	104.92 2.93 -24.97	133.50 3.39 -45.44	153.53 3.18 -64.51	126.95 3.47 -36.75	115.35 3.52 -26.01	97.59 3.82 -7.05	88.90 3.54 -2.92	86.06 3.63 0.00	86.61 3.65 0.00	87.39 3.68 0.00	94.20 3.96 -0.23	101.13 3.76 -5.77	119.71 4.71 0.00	102.29 3.81 -0.66	112.59 3.98 -11.53	109.23 3.75 -13.94	100.01 3.62 -10.21	99.02 3.43 -11.94	98.94 3.20 -13.80
GINNA___ 23603	66.99 -5.45 -5.99	65.89 -5.64 -5.16	65.20 -5.38 -4.14	65.93 -5.05 -3.69	71.82 -5.57 -3.16	73.07 -5.39 -1.44	84.07 -5.50 -4.91	88.81 -5.15 -8.11	84.19 -5.46 -2.92	83.25 -5.84 -3.27	81.72 -5.90 -0.89	76.62 -6.18 -0.37	76.01 -6.43 0.00	75.74 -7.22 0.00	76.85 -6.86 0.00	83.85 -6.30 -0.14	86.25 -6.50 -1.15	106.96 -8.97 -0.93	91.89 -7.14 -1.21	91.45 -7.08 -1.45	86.82 -6.50 -1.77	81.00 -6.46 -1.28	78.37 -6.77 -1.50	77.44 -6.23 -1.74
GLEN PARK___ 23778	69.72 0.73 -2.54	69.16 0.60 -2.19	68.80 0.60 -1.76	69.45 0.60 -1.57	76.69 1.12 -1.34	79.48 1.85 -0.61	90.05 3.30 -2.08	92.98 3.69 -3.44	91.09 3.12 -1.24	89.87 2.66 -1.39	89.45 2.34 -0.38	84.24 1.65 -0.16	83.75 1.31 0.00	84.45 1.49 0.00	85.47 1.76 0.00	92.36 2.34 -0.01	94.84 2.93 -0.31	119.02 4.02 0.00	101.05 3.22 -0.01	101.00 3.30 -0.61	94.94 2.66 -0.74	89.14 2.41 -0.54	86.62 2.34 -0.64	84.56 1.89 -0.74
GLENDALE_27_KV_LOAD 356172	119.02 6.05 -46.53	112.21 5.77 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	110.07 6.62 -26.43	137.87 7.87 -45.32	158.02 9.19 -62.98	134.25 9.63 -37.90	126.56 9.78 -30.96	108.32 9.89 -11.70	108.31 9.32 -16.55	108.39 9.48 -16.48	98.57 9.46 -6.16	94.65 9.71 -1.23	104.21 10.44 -3.76	130.42 13.34 -28.37	165.11 11.15 -36.78	152.49 11.15 -43.52	122.49 11.07 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.01 8.70 -11.67	104.87 8.19 -14.74
GLENWOOD_IC_1_G5 23712	146.37 6.11 -73.81	112.48 6.04 -40.06	104.68 6.11 -32.13	102.06 6.12 -28.65	105.51 6.75 -24.52	110.39 6.93 -26.43	146.53 8.13 -53.72	176.62 9.10 -81.67	154.82 9.54 -58.55	137.75 9.61 -42.32	109.69 9.63 -13.33	103.81 9.15 -12.22	91.75 9.32 0.00	96.31 9.21 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.00 9.89 -36.51	156.81 12.42 -29.40	151.45 10.56 -43.07	142.15 10.48 -34.59	128.11 9.89 -26.68	121.76 8.79 -26.79	104.64 8.70 -12.30	103.53 8.11 -13.48
GLENWOOD_IC_2_G1 23688	145.97 5.72 -73.81	112.01 5.58 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.99 6.24 -24.52	109.93 6.47 -26.43	145.93 7.53 -53.72	176.28 8.76 -81.67	154.56 9.28 -58.55	137.33 9.19 -42.32	109.25 9.19 -13.33	103.39 8.73 -12.22	91.26 8.83 0.00	95.98 8.88 -4.15	105.46 9.04 -12.71	116.30 9.72 -16.57	137.91 9.81 -36.51	156.70 12.31 -29.40	151.35 10.47 -43.07	142.06 10.39 -34.59	128.03 9.80 -26.68	121.84 8.88 -26.79	104.06 8.11 -12.30	102.95 7.53 -13.48
GLENWOOD_IC_3_G1 23689	145.97 5.72 -73.81	112.01 5.58 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.99 6.24 -24.52	109.93 6.47 -26.43	145.93 7.53 -53.72	176.28 8.76 -81.67	154.56 9.28 -58.55	137.33 9.19 -42.32	109.25 9.19 -13.33	103.39 8.73 -12.22	91.26 8.83 0.00	95.98 8.88 -4.15	105.46 9.04 -12.71	116.30 9.72 -16.57	137.91 9.81 -36.51	156.70 12.31 -29.40	151.35 10.47 -43.07	142.06 10.39 -34.59	128.03 9.80 -26.68	121.84 8.88 -26.79	104.06 8.11 -12.30	102.95 7.53 -13.48
GLENWOOD___4 23550	146.37 6.11 -73.81	112.48 6.04 -40.06	104.68 6.11 -32.13	102.06 6.12 -28.65	105.51 6.75 -24.52	110.39 6.93 -26.43	146.53 8.13 -53.72	176.62 9.10 -81.67	154.82 9.54 -58.55	137.75 9.61 -42.32	109.69 9.63 -13.33	103.81 9.15 -12.22	91.75 9.32 0.00	96.31 9.21 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.18 10.08 -36.51	157.16 12.76 -29.40	151.64 10.76 -43.07	142.35 10.68 -34.59	128.30 10.07 -26.68	122.02 9.05 -26.79	104.64 8.70 -12.30	103.53 8.11 -13.48
GLENWOOD___5 23614	146.37 6.11 -73.81	112.48 6.04 -40.06	104.68 6.11 -32.13	102.06 6.12 -28.65	105.51 6.75 -24.52	110.39 6.93 -26.43	146.53 8.13 -53.72	176.62 9.10 -81.67	154.82 9.54 -58.55	137.75 9.61 -42.32	109.69 9.63 -13.33	103.81 9.15 -12.22	91.75 9.32 0.00	96.31 9.21 -4.15	105.96 9.54 -12.71	116.93 10.35 -16.57	138.18 10.08 -36.51	157.16 12.76 -29.40	151.64 10.76 -43.07	142.35 10.68 -34.59	128.30 10.07 -26.68	122.02 9.05 -26.79	104.64 8.70 -12.30	103.53 8.11 -13.48
GLOBAL GREEN_PORT_GT1 23814	148.95 8.70 -73.81	115.06 8.62 -40.06	107.34 8.77 -32.12	104.75 8.81 -28.65	108.47 9.72 -24.52	113.32 9.86 -26.43	149.91 11.51 -53.72	180.56 13.04 -81.67	158.80 13.52 -58.55	140.41 12.27 -42.32	111.85 11.79 -13.33	105.95 11.29 -12.22	94.06 11.63 0.00	99.13 12.02 -4.15	108.97 12.55 -12.71	120.07 13.50 -16.57	142.58 14.47 -36.51	162.91 18.52 -29.40	156.14 15.25 -43.07	146.61 14.94 -34.59	132.50 14.27 -26.68	127.10 14.13 -26.79	109.41 13.47 -12.30	108.12 12.70 -13.48
GLOBE___DSASP 323697	68.06 -6.05 -7.66	67.19 -5.77 -6.59	65.95 -5.78 -5.29	66.01 -5.99 -4.71	71.66 -6.61 -4.03	74.59 -6.85 -4.42	84.55 -7.62 -7.50	87.80 -8.41 -10.36	84.64 -8.41 -6.32	81.25 -8.75 -4.18	79.10 -8.76 -1.13	74.00 -8.90 -0.47	73.45 -8.99 0.00	74.08 -8.88 0.00	75.09 -8.62 0.00	80.65 -9.54 -0.18	82.92 -10.17 -1.48	103.33 -12.88 -1.21	88.43 -11.05 -1.67	87.96 -10.97 -1.85	83.83 -9.98 -2.27	77.13 -10.69 -1.64	76.03 -9.54 -1.92	75.55 -8.60 -2.22
GOETHSLN___LBMP 323567	112.12 5.05 -40.63	111.34 4.91 -40.06	103.55 4.98 -32.12	100.98 5.05 -28.65	104.17 5.42 -24.52	109.07 5.62 -26.43	112.04 6.60 -20.76	134.32 7.73 -40.75	120.70 8.24 -25.73	117.97 8.41 -23.74	102.11 8.50 -6.88	93.37 8.08 -2.85	90.68 8.24 0.00	91.09 8.13 0.00	92.16 8.45 0.00	102.85 9.09 -3.75	119.78 8.98 -19.20	132.11 11.27 -5.85	122.12 9.49 -14.82	117.75 9.42 -11.25	112.14 8.88 -11.72	104.25 8.10 -9.97	102.75 7.44 -11.66	102.38 6.96 -13.47
GOLAH___69_KV_TB 1_2 80279	69.59 -3.12 -6.27	68.78 -2.99 -5.39	67.91 -2.86 -4.33	68.45 -2.69 -3.86	74.64 -2.89 -3.30	77.89 -2.70 -3.57	88.33 -2.46 -6.11	91.32 -3.00 -8.48	88.82 -3.04 -5.12	85.72 -3.52 -3.42	83.84 -3.82 -0.93	78.62 -4.20 -0.38	77.82 -4.62 0.00	78.39 -4.56 0.00	79.27 -4.44 0.00	85.84 -4.32 -0.15	88.32 -4.49 -1.21	109.65 -6.32 -0.98	94.27 -4.89 -1.35	93.65 -4.95 -1.52	88.91 -4.49 -1.86	82.18 -5.34 -1.34	80.45 -4.77 -1.57	79.41 -4.34 -1.81

GOODYEAR_LAKE_HYD 323669	84.61 2.92 -15.25	82.42 2.92 -13.12	79.83 2.86 -10.52	79.56 2.89 -9.39	85.60 3.34 -8.03	108.87 3.70 -28.15	113.44 4.74 -24.03	111.37 4.89 -20.63	123.20 4.77 -31.70	98.60 4.46 -8.32	93.49 4.51 -2.25	87.08 3.71 -0.93	86.23 3.79 0.00	86.85 3.90 0.00	87.89 4.19 0.00	95.25 4.86 -0.38	99.77 5.13 -3.04	124.60 7.01 -2.59	107.63 5.58 -4.24	106.40 5.63 -3.69	101.19 5.13 -4.52	94.01 4.57 -3.27	91.65 4.18 -3.82	90.04 3.69 -4.42
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	82.60 0.20 -15.95	80.31 0.20 -13.73	77.66 0.20 -11.01	77.24 0.13 -9.82	82.86 0.22 -8.41	87.28 0.46 -9.80	101.40 0.85 -15.89	108.12 0.69 -21.59	101.23 0.78 -13.72	95.13 0.60 -8.71	89.78 0.69 -2.36	83.75 0.33 -0.98	83.43 0.99 0.00	83.95 1.00 0.00	84.96 1.26 0.00	91.20 0.81 -0.39	95.36 0.64 -3.12	119.41 1.84 -2.57	102.35 0.98 -3.56	101.62 0.68 -3.86	96.91 0.64 -4.73	89.77 0.17 -3.42	87.73 0.08 -4.00	86.72 0.16 -4.62
GOUDEY___7 23579	82.60 0.20 -15.95	80.31 0.20 -13.73	77.66 0.20 -11.01	77.24 0.13 -9.82	82.86 0.22 -8.41	87.28 0.46 -9.80	101.40 0.85 -15.89	108.12 0.69 -21.59	101.23 0.78 -13.72	95.13 0.60 -8.71	89.78 0.69 -2.36	83.75 0.33 -0.98	83.43 0.99 0.00	83.95 1.00 0.00	84.96 1.26 0.00	91.20 0.81 -0.39	95.36 0.64 -3.12	119.41 1.84 -2.57	102.35 0.98 -3.56	101.62 0.68 -3.86	96.91 0.64 -4.73	89.77 0.17 -3.42	87.73 0.08 -4.00	86.72 0.16 -4.62
GOUDEY___8 23580	82.60 0.20 -15.95	80.31 0.20 -13.73	77.66 0.20 -11.01	77.24 0.13 -9.82	82.86 0.22 -8.41	87.28 0.46 -9.80	101.40 0.85 -15.89	108.12 0.69 -21.59	101.23 0.78 -13.72	95.13 0.60 -8.71	89.78 0.69 -2.36	83.75 0.33 -0.98	83.43 0.99 0.00	83.95 1.00 0.00	84.96 1.26 0.00	91.20 0.81 -0.39	95.36 0.64 -3.12	119.41 1.84 -2.57	102.35 0.98 -3.56	101.62 0.68 -3.86	96.91 0.64 -4.73	89.77 0.17 -3.42	87.73 0.08 -4.00	86.72 0.16 -4.62
GOWANUS_GT1_1 24077	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT1_2 24078	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT1_3 24079	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT1_4 24080	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT1_5 24084	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT1_6 24111	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT1_7 24112	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT1_8 24113	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT2_1 24114	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT2_2 24115	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT2_3 24116	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60

GOWANUS_GT2_4 24117	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT2_5 24118	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT2_6 24119	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT2_7 24120	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT2_8 24121	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT3_1 24122	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
GOWANUS_GT3_2 24123	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -											

GOWANUS_GT4_3 24132	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT4_4 24133	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT4_5 24134	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT4_6 24135	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT4_7 24136	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GOWANUS_GT4_8 24137	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GREENBSH_115KV_TB3 55895	129.71 2.52 -60.74	121.32 2.65 -52.29	111.03 2.66 -41.93	107.37 2.69 -37.40	109.20 2.97 -32.00	134.06 3.08 -53.96	156.27 3.30 -68.30	170.97 2.92 -82.20	158.60 3.21 -68.67	122.31 3.35 -33.15	99.53 3.82 -8.98	89.79 3.63 -3.72	86.06 3.63 0.00	86.61 3.65 0.00	86.30 2.59 0.00	93.09 3.06 -0.02	101.03 3.11 -6.32	117.55 4.37 1.82	100.94 3.72 0.60	115.17 3.40 -14.69	112.37 3.11 -17.71	102.21 3.02 -13.01	102.29 3.43 -15.22	102.81 3.28 -17.59
GREENIDGE_115KV_TB5 80291	75.23 -1.26 -10.05	73.69 -1.33 -8.65	72.12 -1.26 -6.93	72.26 -1.21 -6.19	78.41 -1.11 -5.29	82.32 -0.62 -5.92	93.88 -0.68 -9.88	99.01 -0.43 -13.60	94.60 -0.52 -8.39	90.27 -1.03 -5.48	87.09 -1.13 -1.49	81.73 -1.32 -0.62	81.70 -0.74 0.00	82.29 -0.66 0.00	83.37 -0.33 0.00	88.90 -1.35 -0.24	92.55 -1.01 -1.95	115.21 -1.38 -1.59	99.03 -0.98 -2.20	98.15 -1.36 -2.43	93.24 -1.28 -2.98	86.61 -1.72 -2.15	84.41 -1.76 -2.52	83.29 -1.56 -2.91
GREENIDGE___3 23582	75.23 -1.26 -10.05	73.69 -1.33 -8.65	72.12 -1.26 -6.93	72.26 -1.21 -6.19	78.41 -1.11 -5.29	82.32 -0.62 -5.92	93.88 -0.68 -9.88	99.01 -0.43 -13.60	94.60 -0.52 -8.39	90.27 -1.03 -5.48	87.09 -1.13 -1.49	81.73 -1.32 -0.62	81.70 -0.74 0.00	82.29 -0.66 0.00	83.37 -0.33 0.00	88.90 -1.35 -0.24	92.55 -1.01 -1.95	115.21 -1.38 -1.59	99.03 -0.98 -2.20	98.15 -1.36 -2.43	93.24 -1.28 -2.98	86.61 -1.72 -2.15	84.41 -1.76 -2.52	83.29 -1.56 -2.91
GREENIDGE___4 23583	75.23 -1.26 -10.05	73.50 -1.52 -8.65	72.05 -1.33 -6.93	72.26 -1.21 -6.19	78.26 -1.26 -5.29	82.32 -0.62 -5.92	93.54 -1.01 -9.88	99.27 -0.17 -13.60	94.69 -0.43 -8.39	90.28 -1.03 -5.48	87.18 -1.04 -1.49	81.73 -1.32 -0.62	81.20 -1.23 0.00	81.79 -1.16 0.00	83.21 -0.50 0.00	89.26 -0.99 -0.24	92.55 -1.01 -1.95	115.22 -1.37 -1.59	99.03 -0.98 -2.20	98.15 -1.36 -2.43	93.24 -1.28 -2.98	87.13 -1.21 -2.15	84.40 -1.76 -2.52	83.87 -0.98 -2.91
GREENLWN_69_KV_BK 3 55738	146.43 6.18 -73.81	112.68 6.24 -40.06	104.82 6.25 -32.12	102.20 6.26 -28.65	105.73 6.98 -24.52	110.54 7.09 -26.43	146.52 8.13 -53.72	176.02 8.50 -81.67	154.39 9.11 -58.55	137.92 9.78 -42.32	109.68 9.63 -13.33	103.72 9.07 -12.22	91.75 9.32 0.00	96.31 9.21 -4.15	105.87 9.46 -12.71	117.02 10.44 -16.57	138.83 10.72 -36.51	156.81 12.42 -29.40	151.84 10.96 -43.07	142.93 11.26 -34.59	129.03 10.80 -26.68	122.70 9.74 -26.79	105.06 9.12 -12.30	103.77 8.36 -13.48
GREENWD_138_KV_38B11_REV_LBMP_J 345004	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60
GRISSOM___SOLAR 323813	138.35 4.79 -67.12	128.87 4.71 -57.78	117.36 4.58 -46.33	113.25 4.64 -41.33	114.94 5.35 -35.37	167.99 5.85 -85.12	179.13 7.02 -87.43	183.90 7.21 -90.84	194.68 6.94 -101.01	127.77 5.32 -36.63	101.77 5.12 -9.92	90.35 3.79 -4.11	86.06 3.62 0.00	86.86 3.90 0.00	88.06 4.35 0.00	96.01 5.85 -0.16	105.77 6.68 -7.49	122.90 9.31 1.41	106.47 7.73 -0.93	120.89 7.58 -16.23	118.00 6.87 -19.59	107.02 6.47 -14.38	106.23 5.77 -16.82	106.63 5.25 -19.44
GROVEVILLE___HYD 323602	118.75 5.71 -46.59	112.06 5.58 -40.11	104.32 5.71 -32.16	101.69 5.72 -28.69	105.16 6.38 -24.55	110.29 6.47 -26.79	137.74 7.54 -45.53	157.40 8.50 -63.05	133.85 8.85 -38.27	119.83 8.58 -25.43	101.77 8.15 -6.89	92.96 7.67 -2.86	90.10 7.67 0.00	90.59 7.63 0.00	91.74 8.04 0.00	102.56 8.91 -3.64	119.62 9.25 -18.77	155.40 11.96 -28.45	144.74 9.88 -37.05	118.15 9.81 -11.27	115.20 9.34 -14.32	104.26 8.10 -9.98	102.85 7.53 -11.68	102.40 6.96 -13.49
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	71.75 -0.20 -5.50	70.85 -0.27 -4.74	69.98 -0.27 -3.80	70.40 -0.27 -3.39	76.91 -0.22 -2.90	78.42 0.08 -1.32	89.60 0.42 -4.50	93.72 0.43 -7.45	89.94 0.52 -2.69	89.17 0.34 -3.00	87.89 0.35 -0.81	82.77 0.00 -0.34	82.52 0.08 0.00	83.04 0.08 0.00	83.87 0.17 0.00	90.41 0.27 -0.13	92.93 0.27 -1.06	116.42 0.57 -0.85	99.41 0.49 -1.10	98.80 0.39 -1.33	93.45 0.27 -1.63	87.19 -0.17 -1.18	84.77 -0.25 -1.38	83.21 -0.33 -1.59

HAMLTNNY_34_KV_TB 80303	72.49 0.07 -5.98	71.46 -0.07 -5.15	70.58 0.00 -4.13	70.97 0.00 -3.68	77.46 0.07 -3.15	78.84 0.39 -1.44	90.42 0.85 -4.90	94.89 0.94 -8.10	90.60 0.95 -2.92	89.77 0.69 -3.26	88.31 0.69 -0.88	83.13 0.33 -0.37	82.85 0.41 0.00	83.37 0.41 0.00	84.29 0.59 0.00	90.87 0.72 -0.14	93.49 0.73 -1.15	117.08 1.15 -0.93	99.90 0.88 -1.21	99.31 0.78 -1.45	94.05 0.73 -1.77	87.63 0.17 -1.28	85.23 0.08 -1.50	83.67 0.00 -1.73
HAMPSHIRE___PAPER_HYD 323593	66.40 -1.33 -1.28	66.21 -1.26 -1.10	65.93 -1.40 -0.88	66.66 -1.42 -0.79	73.64 -1.26 -0.67	76.02 -1.31 -0.31	84.62 -1.10 -1.05	85.61 -1.97 -1.73	84.76 -2.60 -0.62	84.12 -2.40 -0.70	83.88 -3.04 -0.19	80.21 -2.31 -0.08	80.04 -2.39 0.00	80.63 -2.32 0.00	81.45 -2.26 0.00	86.78 -3.24 -0.01	88.82 -2.93 -0.15	111.31 -3.68 0.00	94.79 -3.03 0.00	94.48 -2.91 -0.31	88.90 -3.02 -0.37	84.13 -2.32 -0.27	82.97 -1.00 -0.32	81.49 -0.82 -0.37
HARDSCRABBLE_WT_PWR 323673	68.24 1.79 0.00	68.17 1.79 0.00	68.30 1.86 0.00	69.17 1.88 0.00	76.46 2.22 0.00	79.56 2.54 0.00	87.55 2.88 0.00	88.93 3.09 0.00	89.94 3.21 0.00	89.16 3.34 0.00	90.37 3.64 0.00	85.90 3.46 0.00	85.90 3.46 0.00	86.60 3.65 0.00	87.48 3.77 0.00	94.15 4.14 0.00	95.91 4.31 0.00	120.63 5.63 0.00	102.51 4.70 0.00	101.93 4.85 0.00	96.21 4.67 0.00	90.83 4.65 0.00	88.16 4.51 0.00	86.36 4.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	114.78 4.65 -43.69	108.56 4.58 -37.61	101.25 4.65 -30.16	98.89 4.71 -26.90	102.45 5.20 -23.02	107.11 5.24 -24.86	133.42 6.18 -42.57	151.92 6.95 -59.12	129.72 7.37 -35.62	116.96 7.29 -23.84	100.39 7.20 -6.46	91.88 6.76 -2.68	89.36 6.92 0.00	89.84 6.89 0.00	90.82 7.12 0.00	101.21 7.83 -3.37	117.12 8.06 -17.46	151.71 10.35 -26.36	140.66 8.51 -34.33	116.09 8.45 -10.56	113.02 8.06 -13.42	102.60 7.07 -9.36	101.03 6.44 -10.95	100.49 5.90 -12.65
HARSNRAD_115KV_TB1 81005	68.00 -5.98 -7.54	67.02 -5.84 -6.49	65.87 -5.78 -5.20	66.07 -5.85 -4.64	71.74 -6.46 -3.97	74.75 -6.62 -4.35	84.85 -7.20 -7.38	88.15 -7.90 -10.20	85.06 -7.89 -6.22	81.52 -8.41 -4.11	79.52 -8.33 -1.11	74.41 -8.49 -0.46	74.19 -8.24 0.00	74.83 -8.13 0.00	75.84 -7.87 0.00	81.19 -9.00 -0.18	83.35 -9.71 -1.46	104.34 -11.84 -1.19	89.09 -10.37 -1.64	88.42 -10.48 -1.82	84.26 -9.52 -2.23	77.63 -10.17 -1.61	76.33 -9.20 -1.89	75.76 -8.36 -2.18
HARZA MOOSE___RIVER 24016	68.89 0.80 -1.65	68.52 0.73 -1.42	68.31 0.73 -1.14	69.04 0.74 -1.02	76.29 1.77 -0.87	79.19 1.77 -0.40	88.99 2.96 -1.35	91.17 3.09 -2.23	90.31 2.78 -0.80	89.21 2.49 -0.90	89.14 2.17 -0.24	84.43 1.90 -0.10	84.17 1.73 0.00	84.86 1.91 0.00	85.72 2.01 0.00	92.36 2.34 -0.01	94.46 2.66 -0.20	118.56 3.56 0.00	100.66 2.84 -0.01	100.39 2.91 -0.40	94.50 2.47 -0.48	88.86 2.33 -0.35	86.32 2.26 -0.41	84.38 1.97 -0.48
HDSNBRDG_115KV_BRDG_TB1 355580	70.43 -0.86 -4.85	69.62 -0.93 -4.18	68.86 -0.93 -3.35	69.33 -0.94 -2.99	75.82 -0.96 -2.56	77.42 -0.77 -1.16	88.14 -0.51 -3.97	91.90 -0.52 -6.57	88.66 -0.43 -2.37	87.87 -0.60 -2.65	86.84 -0.61 -0.72	81.91 -0.82 -0.30	81.61 -0.82 0.00	82.21 -0.75 0.00	83.04 -0.67 0.00	89.49 -0.63 -0.11	91.80 -0.73 -0.93	115.05 -0.69 -0.74	98.10 -0.68 -0.96	97.48 -0.78 -1.17	92.25 -0.73 -1.44	86.10 -1.12 -1.04	83.77 -1.09 -1.22	82.20 -1.15 -1.41
HELLGATE_13_KV_LD 55870	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.20 9.05 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	118.82 5.85 -46.53	111.94 5.51 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.53 7.54 -45.32	157.59 8.76 -62.98	133.82 9.19 -37.90	126.13 9.35 -30.95	107.88 9.45 -11.69	107.88 8.90 -16.54	107.97 9.07 -16.46	98.15 9.04 -6.15	94.23 9.29 -1.23	103.76 9.99 -3.76	129.95 9.98 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.20 9.05 -9.97	103.68 8.36 -11.67	104.54 7.87 -14.74
HEMPSTEAD____ 23647	146.50 6.24 -73.81	112.61 6.17 -40.06	104.75 6.18 -32.13	102.20 6.26 -28.65	105.66 6.90 -24.52	110.54 7.08 -26.43	146.70 8.30 -53.72	176.96 9.44 -81.67	155.25 9.97 -58.55	138.01 9.87 -42.32	109.77 9.71 -13.33	103.80 9.15 -12.22	91.75 9.31 0.00	96.39 9.29 -4.15	105.95 9.54 -12.71	116.92 10.35 -16.57	138.55 10.44 -36.51	157.50 13.10 -29.40	152.03 11.15 -43.07	142.73 11.06 -34.59	128.66 10.43 -26.68	122.53 9.57 -26.79	104.81 8.86 -12.30	103.61 8.19 -13.48
HEWLETT_69_KV_BK3 55828	147.17 6.91 -73.81	113.28 6.84 -40.07	105.42 6.84 -32.13	102.81 6.86 -28.66	106.33 7.57 -24.53	111.24 7.78 -26.44	147.46 9.06 -53.73	177.57 10.04 -81.68	155.78 10.49 -58.55	138.70 10.56 -42.33	110.47 10.41 -13.33	104.55 9.89 -12.22	92.58 10.14 0.00	97.06 9.95 -4.15	106.71 10.30 -12.71	117.83 11.25 -16.57	139.65 11.54 -36.51	158.88 14.49 -29.40	153.21 12.32 -43.07	143.90 12.23 -34.59	129.85 11.63 -26.68	123.39 10.43 -26.79	105.74 9.79 -12.30	104.52 9.10 -13.48
HICKLING___1 23621	78.23 -0.93 -12.72	76.32 -1.00 -10.95	74.29 -0.93 -8.78	74.10 -1.01 -7.83	79.97 -0.96 -6.70	84.05 -0.54 -7.57	96.96 -0.25 -12.55	102.54 -0.52 -17.21	96.91 -0.52 -10.70	91.90 -0.86 -6.94	87.66 -0.95 -1.88	81.90 -1.32 -0.78	82.36 -0.08 0.00	83.04 0.08 0.00	84.13 0.42 0.00	89.59 -0.72 -0.31	92.98 -1.10 -2.48	117.48 0.46 -2.03	99.93 -0.68 -2.80	98.99 -1.16 -3.07	94.21 -1.10 -3.77	87.18 -1.72 -2.72	85.24 -1.59 -3.19	84.39 -1.23 -3.68
HICKLING___2 23622	78.23 -0.93 -12.72	76.32 -1.00 -10.95	74.29 -0.93 -8.78	74.10 -1.01 -7.83	79.97 -0.96 -6.70	84.05 -0.54 -7.57	96.96 -0.25 -12.55	102.54 -0.52 -17.21	96.91 -0.52 -10.70	91.90 -0.86 -6.94	87.66 -0.95 -1.88	81.90 -1.32 -0.78	82.36 -0.08 0.00	83.04 0.08 0.00	84.13 0.42 0.00	89.59 -0.72 -0.31	92.98 -1.10 -2.48	117.48 0.46 -2.03	99.93 -0.68 -2.80	98.99 -1.16 -3.07	94.21 -1.10 -3.77	87.18 -1.72 -2.72	85.24 -1.59 -3.19	84.39 -1.23 -3.68
HIGH FALLS___HY 23754	120.06 7.11 -46.51	113.31 6.90 -40.04	105.59 7.04 -32.10	103.05 7.13 -28.63	106.68 7.94 -24.50	114.11 8.09 -29.01	140.67 9.48 -46.51	159.52 10.73 -62.94	138.18 11.01 -40.43	121.58 10.38 -25.38	103.06 9.45 -6.87	94.03 8.74 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.92 9.21 0.00	102.90 10.08 -2.81	118.07 10.90 -15.57	150.72 14.14 -21.57	137.72 11.54 -28.36	120.46 12.14 -11.25	117.11 11.44 -14.13	106.05 9.91 -9.96	104.33 9.03 -11.65	103.68 8.28 -13.47
HIGH_RIVER___SOLAR 323847	134.87 3.45 -64.97	125.69 3.38 -55.93	114.61 3.32 -44.85	110.72 3.43 -40.00	112.32 3.86 -34.23	169.38 4.16 -88.21	176.95 4.91 -87.37	178.84 5.06 -87.93	195.19 4.94 -103.52	125.05 3.77 -35.46	99.71 3.38 -9.60	88.98 2.56 -3.98	84.91 2.47 0.00	85.61 2.65 0.00	86.81 3.10 0.00	94.53 4.41 -0.11	103.72 5.03 -7.08	120.16 6.90 1.73	104.12 5.67 -0.64	118.32 5.53 -15.71	115.62 5.12 -18.95	104.83 4.74 -13.92	104.27 4.35 -16.28	104.77 4.01 -18.82

HILLBURN___GT 23639	115.25 4.52 -44.29	108.88 4.38 -38.13	101.47 4.45 -30.57	99.13 4.58 -27.27	102.54 4.97 -23.33	107.37 5.16 -25.19	133.83 6.01 -43.15	152.90 7.12 -59.94	130.37 7.54 -36.10	117.45 7.46 -24.17	100.82 7.54 -6.55	92.24 7.09 -2.71	89.61 7.17 0.00	90.17 7.21 0.00	91.08 7.37 0.00	101.29 7.83 -3.45	117.40 7.97 -17.83	152.24 10.23 -27.01	141.49 8.51 -35.17	116.23 8.44 -10.71	113.12 7.96 -13.61	102.82 7.15 -9.49	101.18 6.44 -11.10	100.67 5.90 -12.83
HILLSIDE_115KV_TB1 80332	78.01 -1.59 -13.15	76.04 -1.66 -11.32	73.93 -1.59 -9.08	73.70 -1.68 -8.10	79.45 -1.71 -6.93	83.40 -1.46 -7.84	96.39 -1.27 -12.99	102.02 -1.63 -17.80	96.25 -1.56 -11.08	91.11 -1.89 -7.18	86.85 -1.82 -1.94	81.10 -2.14 -0.81	81.53 -0.91 0.00	82.13 -0.83 0.00	83.21 -0.50 0.00	88.53 -1.80 -0.32	91.97 -2.20 -2.56	116.29 -0.80 -2.10	98.75 -1.96 -2.89	97.93 -2.33 -3.18	93.24 -2.20 -3.90	86.33 -2.67 -2.82	84.35 -2.59 -3.30	83.62 -2.13 -3.81
HISHELDN_WT_PWR 323625	70.80 -4.58 -8.94	69.23 -4.84 -7.70	68.17 -4.45 -6.17	68.35 -4.44 -5.51	73.97 -4.97 -4.71	77.53 -4.70 -5.21	88.28 -5.17 -8.78	92.97 -4.98 -12.10	88.70 -5.46 -7.43	84.69 -6.01 -4.88	82.24 -5.81 -1.32	76.80 -6.18 -0.55	76.34 -6.10 0.00	77.31 -5.64 0.00	78.77 -4.94 0.00	83.92 -6.30 -0.21	86.65 -6.68 -1.73	109.63 -6.78 -1.42	92.83 -6.94 -1.96	91.96 -7.28 -2.16	87.60 -6.59 -2.65	81.81 -6.29 -1.92	79.28 -6.61 -2.24	79.12 -5.41 -2.59
HOLTSVILLE_IC_1 23690	147.96 7.70 -73.81	114.13 7.70 -40.06	106.27 7.70 -32.12	103.74 7.80 -28.65	107.36 8.61 -24.52	112.23 8.78 -26.43	148.47 10.07 -53.72	178.94 11.42 -81.67	157.25 11.97 -58.55	139.47 11.33 -42.32	111.25 11.19 -13.33	105.21 10.55 -12.22	93.15 10.71 0.00	97.88 10.78 -4.15	107.46 11.05 -12.71	118.46 11.88 -16.57	140.66 12.55 -36.51	160.03 15.64 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	124.68 11.72 -26.79	106.81 10.87 -12.30	105.41 9.99 -13.48
HOLTSVILLE_IC_10 23699	148.35 8.10 -73.81	114.47 8.03 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.73 8.98 -24.52	112.62 9.16 -26.43	148.98 10.58 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.70 11.05 -12.22	93.56 11.12 0.00	98.30 11.19 -4.15	107.88 11.47 -12.71	119.00 12.43 -16.57	141.21 13.10 -36.51	160.96 16.56 -29.40	155.06 14.18 -43.07	145.55 13.88 -34.59	131.32 13.09 -26.68	125.20 12.23 -26.79	107.32 11.37 -12.30	105.91 10.49 -13.48
HOLTSVILLE_IC_2 23691	147.96 7.70 -73.81	114.13 7.70 -40.06	106.27 7.70 -32.12	103.74 7.80 -28.65	107.36 8.61 -24.52	112.23 8.78 -26.43	148.47 10.07 -53.72	178.94 11.42 -81.67	157.25 11.97 -58.55	139.47 11.33 -42.32	111.25 11.19 -13.33	105.21 10.55 -12.22	93.15 10.71 0.00	97.88 10.78 -4.15	107.46 11.05 -12.71	118.46 11.88 -16.57	140.66 12.55 -36.51	160.03 15.64 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	124.68 11.72 -26.79	106.81 10.87 -12.30	105.41 9.99 -13.48
HOLTSVILLE_IC_3 23692	147.96 7.70 -73.81	114.13 7.70 -40.06	106.27 7.70 -32.12	103.74 7.80 -28.65	107.36 8.61 -24.52	112.23 8.78 -26.43	148.47 10.07 -53.72	178.94 11.42 -81.67	157.25 11.97 -58.55	139.47 11.33 -42.32	111.25 11.19 -13.33	105.21 10.55 -12.22	93.15 10.71 0.00	97.88 10.78 -4.15	107.46 11.05 -12.71	118.46 11.88 -16.57	140.66 12.55 -36.51	160.03 15.64 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	124.68 11.72 -26.79	106.81 10.87 -12.30	105.41 9.99 -13.48
HOLTSVILLE_IC_4 23693	147.96 7.70 -73.81	114.13 7.70 -40.06	106.27 7.70 -32.12	103.74 7.80 -28.65	107.36 8.61 -24.52	112.23 8.78 -26.43	148.47 10.07 -53.72	178.94 11.42 -81.67	157.25 11.97 -58.55	139.47 11.33 -42.32	111.25 11.19 -13.33	105.21 10.55 -12.22	93.15 10.71 0.00	97.88 10.78 -4.15	107.46 11.05 -12.71	118.46 11.88 -16.57	140.66 12.55 -36.51	160.03 15.64 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	124.68 11.72 -26.79	106.81 10.87 -12.30	105.41 9.99 -13.48
HOLTSVILLE_IC_5 23694	147.96 7.70 -73.81	114.13 7.70 -40.06	106.27 7.70 -32.12	103.74 7.80 -28.65	107.36 8.61 -24.52	112.23 8.78 -26.43	148.47 10.07 -53.72	178.94 11.42 -81.67	157.25 11.97 -58.55	139.47 11.33 -42.32	111.25 11.19 -13.33	105.21 10.55 -12.22	93.15 10.71 0.00	97.88 10.78 -4.15	107.46 11.05 -12.71	118.46 11.88 -16.57	140.66 12.55 -36.51	160.03 15.64 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	124.68 11.72 -26.79	106.81 10.87 -12.30	105.41 9.99 -13.48
HOLTSVILLE_IC_6 23695	148.35 8.10 -73.81	114.47 8.03 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.73 8.98 -24.52	112.62 9.16 -26.43	148.98 10.58 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.70 11.05 -12.22	93.56 11.12 0.00	98.30 11.19 -4.15	107.88 11.47 -12.71	119.00 12.43 -16.57	141.21 13.10 -36.51	160.96 16.56 -29.40	155.06 14.18 -43.07	145.55 13.88 -34.59	131.32 13.09 -26.68	125.20 12.23 -26.79	107.32 11.37 -12.30	105.91 10.49 -13.48
HOLTSVILLE_IC_7 23696	148.35 8.10 -73.81	114.47 8.03 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.73 8.98 -24.52	112.62 9.16 -26.43	148.98 10.58 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.70 11.05 -12.22	93.56 11.12 0.00	98.30 11.19 -4.15	107.88 11.47 -12.71	119.00 12.43 -16.57	141.21 13.10 -36.51	160.96 16.56 -29.40	155.06 14.18 -43.07	145.55 13.88 -34.59	131.32 13.09 -26.68	125.20 12.23 -26.79	107.32 11.37 -12.30	105.91 10.49 -13.48
HOLTSVILLE_IC_8 23697	148.35 8.10 -73.81	114.47 8.03 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.73 8.98 -24.52	112.62 9.16 -26.43	148.98 10.58 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.70 11.05 -12.22	93.56 11.12 0.00	98.30 11.19 -4.15	107.88 11.47 -12.71	119.00 12.43 -16.57	141.21 13.10 -36.51	160.96 16.56 -29.40	155.06 14.18 -43.07	145.55 13.88 -34.59	131.32 13.09 -26.68	125.20 12.23 -26.79	107.32 11.37 -12.30	105.91 10.49 -13.48
HOLTSVILLE_IC_9 23698	148.35 8.10 -73.81	114.47 8.03 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.73 8.98 -24.52	112.62 9.16 -26.43	148.98 10.58 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.70 11.05 -12.22	93.56 11.12 0.00	98.30 11.19 -4.15	107.88 11.47 -12.71	119.00 12.43 -16.57	141.21 13.10 -36.51	160.96 16.56 -29.40	155.06 14.18 -43.07	145.55 13.88 -34.59	131.32 13.09 -26.68	125.20 12.23 -26.79	107.32 11.37 -12.30	105.91 10.49 -13.48
HOMER_HL_115KV_TB2 355744	71.26 -4.58 -9.40	69.89 -4.58 -8.09	68.48 -4.45 -6.49	68.43 -4.64 -5.79	74.14 -5.05 -4.95	77.59 -4.93 -5.50	88.83 -5.08 -9.24	92.73 -5.84 -12.72	88.75 -5.81 -7.83	84.86 -6.09 -5.13	82.14 -5.98 -1.39	76.75 -6.27 -0.58	80.87 -1.57 0.00	81.55 -1.41 0.00	82.70 -1.00 0.00	84.47 -5.76 -0.22	86.56 -6.87 -1.83	114.54 -1.95 -1.50	93.82 -6.06 -2.07	91.88 -7.48 -2.27	87.37 -6.96 -2.79	80.78 -7.41 -2.01	79.14 -6.86 -2.36	78.60 -6.06 -2.72
HOWARD_WT_PWR 323690	73.38 -3.65 -10.59	71.51 -3.98 -9.11	70.23 -3.52 -7.31	70.44 -3.36 -6.52	76.47 -3.34 -5.58	81.03 -2.24 -6.25	93.23 -1.86 -10.42	98.37 -1.81 -14.33	93.85 -1.73 -8.85	89.71 -1.89 -5.78	86.56 -1.73 -1.56	81.03 -2.06 -0.65	80.62 -1.81 0.00	81.96 -0.99 0.00	83.46 -0.25 0.00	88.91 -1.35 -0.25	92.29 -1.37 -2.06	117.03 0.35 -1.68	99.16 -0.98 -2.32	97.99 -1.65 -2.56	93.40 -1.28 -3.14	87.07 -1.38 -2.27	84.29 -2.01 -2.65	83.94 -1.07 -3.07

HQ_GEN_CEDARS 23644	65.38 -1.06 0.00	65.38 -1.00 0.00	65.38 -1.06 0.00	66.21 -1.08 0.00	72.82 -1.41 0.00	75.17 -1.85 0.00	82.13 -2.54 0.00	83.19 -2.66 0.00	82.57 -4.16 0.00	82.22 -3.60 0.00	82.39 -4.34 0.00	79.72 -2.72 0.00	79.63 -2.80 0.00	80.22 -2.74 0.00	80.95 -2.76 0.00	84.88 -5.13 0.00	86.66 -4.95 0.00	108.56 -6.44 0.00	92.53 -5.28 0.00	91.84 -5.24 0.00	86.60 -4.94 0.00	83.68 -2.50 0.00	81.89 -1.76 0.00	80.71 -1.23 0.00
HQ_GEN_CEDARS_PROXY 323590	65.38 -1.07 0.00	65.51 -0.86 0.00	65.38 -1.07 0.00	66.21 -1.08 0.00	73.04 -1.19 0.00	77.51 -1.77 -2.26	79.95 -2.46 2.26	81.90 -3.95 0.00	81.96 -4.77 0.00	81.96 -3.86 0.00	81.96 -4.77 0.00	79.72 -2.72 0.00	79.72 -2.72 0.00	80.38 -2.57 0.00	81.03 -2.68 0.00	84.88 -5.13 0.00	86.65 -4.95 0.00	108.56 -6.44 0.00	92.53 -5.28 0.00	91.84 -5.24 0.00	86.60 -4.94 0.00	81.96 -4.22 0.00	81.88 -1.76 0.00	80.55 -1.39 0.00
HQ_GEN_IMPORT 323601	65.38 -1.07 0.00	65.38 -0.99 0.00	65.38 -1.07 0.00	66.14 -1.14 0.00	72.97 -1.26 0.00	77.74 -1.54 -2.26	80.38 -2.03 2.26	80.38 -2.40 3.06	80.38 -2.60 3.75	80.38 -2.40 3.04	80.38 -2.60 3.75	80.38 -2.06 0.00	80.38 -2.06 0.00	80.38 -1.99 0.58	80.38 -2.01 1.32	80.38 -2.52 7.11	80.38 -2.56 8.66	80.38 -3.34 31.28	80.38 -2.74 14.70	80.38 -2.62 14.09	80.38 -2.56 8.60	80.38 -2.24 3.56	80.38 -1.76 1.50	80.38 -1.56 0.00
HQ_GEN_WHEEL 23651	65.38 -1.07 0.00	65.38 -0.99 0.00	65.38 -1.07 0.00	66.14 -1.14 0.00	72.97 -1.26 0.00	77.74 -1.54 -2.26	80.38 -2.03 2.26	80.38 -2.40 3.06	80.38 -2.60 3.75	80.38 -2.40 3.04	80.38 -2.60 3.75	80.38 -2.06 0.00	80.38 -2.06 0.00	80.38 -1.99 0.58	80.38 -2.01 1.32	80.38 -2.52 7.11	80.38 -2.56 8.66	80.38 -3.34 31.28	80.38 -2.74 14.70	80.38 -2.62 14.09	80.38 -2.56 8.60	80.38 -2.24 3.56	80.38 -1.76 1.50	80.38 -1.56 0.00
HUDSON AVE_GT_3 23810	118.56 5.58 -46.53	111.81 5.38 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.75 8.79 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.51 9.71 -19.20	156.69 12.30 -29.39	146.32 10.27 -38.23	118.53 10.19 -11.25	115.57 9.70 -14.33	104.85 8.70 -9.97	103.33 8.03 -11.66	102.95 7.54 -13.47
HUDSON AVE_GT_4 23540	118.56 5.58 -46.53	111.81 5.38 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.75 8.79 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.51 9.71 -19.20	156.69 12.30 -29.39	146.32 10.27 -38.23	118.53 10.19 -11.25	115.57 9.70 -14.33	104.85 8.70 -9.97	103.33 8.03 -11.66	102.95 7.54 -13.47
HUDSON AVE_GT_5 23657	118.56 5.58 -46.53	111.81 5.38 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.75 8.79 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.51 9.71 -19.20	156.69 12.30 -29.39	146.32 10.27 -38.23	118.53 10.19 -11.25	115.57 9.70 -14.33	104.85 8.70 -9.97	103.33 8.03 -11.66	102.95 7.54 -13.47
HUDSON_AVE_10 24168	118.36 5.38 -46.53	111.67 5.24 -40.06	103.88 5.32 -32.12	101.31 5.38 -28.65	104.61 5.86 -24.52	109.46 6.01 -26.43	137.10 7.11 -45.32	157.14 8.33 -62.97	133.47 8.85 -37.89	120.22 9.01 -25.39	102.63 9.02 -6.88	93.78 8.49 -2.85	91.01 8.57 0.00	91.50 8.54 0.00	92.58 8.87 0.00	103.30 9.54 -3.75	120.24 9.43 -19.20	156.23 11.84 -29.39	146.12 10.08 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.68 8.53 -9.97	103.25 7.95 -11.66	102.79 7.37 -13.47
HUDSON___115KV_TB 4 355613	129.43 3.99 -59.00	121.22 4.05 -50.79	111.16 3.99 -40.73	107.65 4.04 -36.33	109.92 4.60 -31.09	130.14 4.78 -48.34	154.44 5.33 -64.43	170.68 4.98 -79.85	154.44 5.03 -62.68	122.57 4.55 -32.20	99.88 4.42 -8.72	90.01 3.96 -3.62	86.39 3.96 0.00	87.02 4.06 0.00	87.06 3.35 0.00	95.06 4.77 -0.28	103.96 5.22 -7.14	122.94 7.24 -0.70	106.28 6.06 -2.40	116.49 5.15 -14.27	113.57 4.76 -17.27	103.04 4.22 -12.64	102.95 4.52 -14.79	103.53 4.51 -17.09
HUNTER MOUNT___DRP 323613	127.76 4.19 -57.13	119.74 4.18 -49.18	110.07 4.19 -39.44	106.70 4.24 -35.18	109.16 4.82 -30.10	126.64 5.08 -44.53	151.58 5.59 -61.32	168.57 5.41 -77.32	150.64 5.46 -58.45	121.72 4.72 -31.18	99.43 4.25 -8.45	89.65 3.71 -3.50	86.15 3.71 0.00	86.77 3.82 0.00	86.89 3.18 0.00	95.94 5.22 -0.71	106.25 6.05 -8.60	127.17 8.28 -3.90	110.91 6.75 -6.34	116.24 5.34 -13.81	113.29 4.94 -16.80	102.73 4.31 -12.24	102.56 4.60 -14.32	102.91 4.42 -16.55
HUNTINGTON_RES_REC 323705	147.29 7.04 -73.81	113.47 7.03 -40.06	105.61 7.04 -32.12	103.00 7.06 -28.65	106.54 7.79 -24.52	111.46 8.01 -26.43	147.63 9.23 -53.72	177.73 10.21 -81.67	156.03 10.75 -58.55	138.95 10.81 -42.32	110.63 10.58 -13.33	104.62 9.97 -12.22	92.57 10.14 0.00	97.22 10.12 -4.15	106.88 10.46 -12.71	118.01 11.43 -16.57	140.11 12.00 -36.51	158.77 14.37 -29.40	153.41 12.52 -43.07	144.28 12.62 -34.59	130.22 11.99 -26.68	124.00 11.03 -26.79	106.15 10.20 -12.30	104.75 9.34 -13.48
HUNTLEY___63 23557	69.40 -4.85 -7.81	68.38 -4.71 -6.72	67.18 -4.65 -5.39	67.25 -4.84 -4.81	73.07 -5.27 -4.11	76.22 -5.31 -4.52	86.22 -6.10 -7.65	89.54 -6.87 -10.56	86.33 -6.85 -6.45	82.79 -7.29 -4.26	80.69 -7.20 -1.15	75.50 -7.42 -0.48	75.51 -6.92 0.00	76.15 -6.80 0.00	77.18 -6.53 0.00	82.27 -7.92 -0.18	84.50 -8.61 -1.51	106.23 -10.00 -1.24	90.42 -9.10 -1.70	89.65 -9.32 -1.89	85.43 -8.42 -2.31	78.72 -9.14 -1.67	77.74 -7.86 -1.96	77.07 -7.13 -2.26
HUNTLEY___64 23558	69.40 -4.85 -7.81	68.38 -4.71 -6.72	67.18 -4.65 -5.39	67.25 -4.84 -4.81	73.07 -5.27 -4.11	76.22 -5.31 -4.52	86.22 -6.10 -7.65	89.54 -6.87 -10.56	86.33 -6.85 -6.45	82.79 -7.29 -4.26	80.69 -7.20 -1.15	75.50 -7.42 -0.48	75.51 -6.92 0.00	76.15 -6.80 0.00	77.18 -6.53 0.00	82.27 -7.92 -0.18	84.50 -8.61 -1.51	106.23 -10.00 -1.24	90.42 -9.10 -1.70	89.65 -9.32 -1.89	85.43 -8.42 -2.31	78.72 -9.14 -1.67	77.74 -7.86 -1.96	77.07 -7.13 -2.26
HUNTLEY___65 23559	69.40 -4.85 -7.81	68.38 -4.71 -6.72	67.18 -4.65 -5.39	67.25 -4.84 -4.81	73.07 -5.27 -4.11	76.22 -5.31 -4.52	86.22 -6.10 -7.65	89.54 -6.87 -10.56	86.33 -6.85 -6.45	82.79 -7.29 -4.26	80.69 -7.20 -1.15	75.50 -7.42 -0.48	75.51 -6.92 0.00	76.15 -6.80 0.00	77.18 -6.53 0.00	82.27 -7.92 -0.18	84.50 -8.61 -1.51	106.23 -10.00 -1.24	90.42 -9.10 -1.70	89.65 -9.32 -1.89	85.43 -8.42 -2.31	78.72 -9.14 -1.67	77.74 -7.86 -1.96	77.07 -7.13 -2.26
HUNTLEY___66 23560	69.40 -4.85 -7.81	68.38 -4.71 -6.72	67.18 -4.65 -5.39	67.25 -4.84 -4.81	73.07 -5.27 -4.11	76.22 -5.31 -4.52	86.22 -6.10 -7.65	89.54 -6.87 -10.56	86.33 -6.85 -6.45	82.79 -7.29 -4.26	80.69 -7.20 -1.15	75.50 -7.42 -0.48	75.51 -6.92 0.00	76.15 -6.80 0.00	77.18 -6.53 0.00	82.27 -7.92 -0.18	84.50 -8.61 -1.51	106.23 -10.00 -1.24	90.42 -9.10 -1.70	89.65 -9.32 -1.89	85.43 -8.42 -2.31	78.72 -9.14 -1.67	77.74 -7.86 -1.96	77.07 -7.13 -2.26

HUNTLEY___67 23561	69.15 -5.25 -7.95	68.18 -5.04 -6.85	66.89 -5.05 -5.49	67.00 -5.18 -4.90	72.71 -5.72 -4.19	75.77 -5.85 -4.61	86.12 -6.35 -7.79	89.57 -7.04 -10.76	86.28 -7.03 -6.58	82.69 -7.47 -4.34	80.53 -7.37 -1.18	75.26 -7.67 -0.49	75.51 -6.92 0.00	76.15 -6.80 0.00	77.09 -6.61 0.00	82.19 -8.01 -0.19	84.44 -8.70 -1.54	106.25 -10.00 -1.26	90.36 -9.19 -1.74	89.59 -9.42 -1.92	85.39 -8.51 -2.36	78.66 -9.22 -1.70	77.36 -8.28 -1.99	76.79 -7.46 -2.30
HUNTLEY___68 23562	69.15 -5.25 -7.95	68.18 -5.04 -6.85	66.89 -5.05 -5.49	67.00 -5.18 -4.90	72.71 -5.72 -4.19	75.77 -5.85 -4.61	86.12 -6.35 -7.79	89.57 -7.04 -10.76	86.28 -7.03 -6.58	82.69 -7.47 -4.34	80.53 -7.37 -1.18	75.26 -7.67 -0.49	75.51 -6.92 0.00	76.15 -6.80 0.00	77.09 -6.61 0.00	82.19 -8.01 -0.19	84.44 -8.70 -1.54	106.25 -10.00 -1.26	90.36 -9.19 -1.74	89.59 -9.42 -1.92	85.39 -8.51 -2.36	78.66 -9.22 -1.70	77.36 -8.28 -1.99	76.79 -7.46 -2.30
HYLAND___LFGE 323620	74.64 -0.53 -8.72	73.02 -0.86 -7.51	72.01 -0.46 -6.02	72.93 0.27 -5.37	79.28 0.45 -4.60	83.49 1.39 -5.08	95.77 2.54 -8.56	96.45 -1.20 -11.81	91.98 -1.99 -7.24	87.50 -3.09 -4.76	84.46 -3.56 -1.29	78.52 -4.45 -0.53	77.74 -4.70 0.00	78.23 -4.73 0.00	79.77 -3.93 0.00	86.89 -3.33 -0.21	90.55 -2.75 -1.69	112.93 -3.45 -1.38	96.68 -3.03 -1.90	95.70 -3.49 -2.11	96.50 2.38 -2.58	89.77 1.72 -1.87	86.58 0.75 -2.19	85.61 1.15 -2.53
INDECK___CORINTH 23802	134.53 5.19 -62.89	125.63 5.11 -54.14	114.85 4.99 -43.41	111.06 5.05 -38.72	113.09 5.72 -33.14	168.56 6.16 -85.38	176.36 7.11 -84.58	178.43 7.46 -85.12	194.58 7.63 -100.21	126.75 6.61 -34.32	102.71 6.68 -9.30	92.06 5.77 -3.85	88.05 5.61 0.00	88.76 5.80 0.00	89.81 6.11 0.00	97.25 7.11 -0.13	106.08 7.51 -6.96	123.62 10.12 1.50	106.96 8.31 -0.84	120.34 8.05 -15.21	117.31 7.41 -18.35	106.46 6.81 -13.47	105.68 6.28 -15.76	105.97 5.82 -18.21
INDECK___ILION 23567	68.04 1.59 0.00	68.03 1.66 0.00	68.11 1.66 0.00	68.97 1.68 0.00	76.16 1.93 0.00	79.18 2.16 0.00	87.13 2.46 0.00	88.34 2.49 0.00	89.33 2.60 0.00	88.48 2.66 0.00	89.42 2.69 0.00	84.99 2.56 0.00	84.99 2.56 0.00	85.61 2.65 0.00	86.39 2.68 0.00	92.98 2.97 0.00	94.72 3.11 0.00	119.02 4.02 0.00	101.14 3.33 0.00	100.48 3.40 0.00	94.75 3.20 0.00	89.20 3.02 0.00	86.57 2.93 0.00	84.73 2.79 0.00
INDECK___OLEAN 23982	71.26 -4.58 -9.40	69.62 -4.84 -8.09	68.35 -4.58 -6.49	68.43 -4.64 -5.79	73.99 -5.20 -4.95	77.51 -5.01 -5.50	88.58 -5.33 -9.24	93.25 -5.32 -12.72	88.92 -5.64 -7.83	84.86 -6.09 -5.13	82.31 -5.81 -1.39	76.83 -6.18 -0.58	77.08 -5.36 0.00	81.05 -1.90 0.00	82.45 -1.25 0.00	83.84 -6.39 -0.22	86.46 -6.97 -1.83	114.54 -1.96 -1.50	93.92 -5.97 -2.07	91.88 -7.47 -2.27	87.37 -6.96 -2.79	81.64 -6.55 -2.01	79.14 -6.86 -2.36	79.01 -5.65 -2.72
INDECK___OSWEGO 23783	67.40 -2.59 -3.55	66.70 -2.72 -3.06	66.24 -2.66 -2.45	66.78 -2.69 -2.19	73.13 -2.97 -1.87	75.02 -2.85 -0.85	84.61 -2.97 -2.91	87.82 -2.83 -4.80	85.60 -2.86 -1.73	84.75 -3.01 -1.94	84.31 -2.95 -0.52	79.61 -3.05 -0.22	79.31 -3.13 0.00	79.72 -3.24 0.00	80.53 -3.18 0.00	86.87 -3.15 -0.02	88.82 -3.21 -0.43	110.97 -4.03 0.00	94.40 -3.43 -0.01	94.54 -3.40 -0.86	89.37 -3.21 -1.04	83.84 -3.10 -0.76	81.27 -3.26 -0.89	79.77 -3.20 -1.03
INDECK___YERKES 23781	69.47 -4.78 -7.81	68.05 -5.05 -6.72	67.12 -4.72 -5.39	67.38 -4.71 -4.81	72.85 -5.49 -4.11	76.14 -5.39 -4.52	85.80 -6.52 -7.65	90.06 -6.35 -10.56	86.33 -6.85 -6.45	82.70 -7.38 -4.26	80.86 -7.02 -1.15	75.42 -7.50 -0.48	74.85 -7.58 0.00	75.24 -7.71 0.00	76.68 -7.03 0.00	82.18 -8.01 -0.18	84.50 -8.61 -1.51	106.11 -10.12 -1.24	90.43 -9.09 -1.70	89.65 -9.32 -1.89	85.53 -8.33 -2.31	80.35 -7.50 -1.67	77.82 -7.78 -1.96	77.81 -6.39 -2.26
INDIAN POINT_GT_1 24139	117.29 4.78 -46.06	110.73 4.71 -39.65	103.02 4.78 -31.79	100.49 4.84 -28.36	103.77 5.27 -24.27	108.58 5.39 -26.16	135.88 6.35 -44.86	155.47 7.30 -62.33	131.88 7.63 -37.51	118.68 7.72 -25.13	101.34 7.81 -6.81	92.68 7.42 -2.82	90.02 7.58 0.00	90.42 7.47 0.00	91.49 7.78 0.00	102.07 8.37 -3.69	118.94 8.43 -18.92	154.58 10.69 -28.89	144.41 9.00 -37.59	117.05 8.83 -11.14	114.14 8.42 -14.18	103.46 7.41 -9.86	102.04 6.86 -11.54	101.67 6.39 -13.34
INDIAN POINT_GT_2 23659	117.29 4.78 -46.06	110.73 4.71 -39.65	103.02 4.78 -31.79	100.49 4.84 -28.36	103.77 5.27 -24.27	108.58 5.39 -26.16	135.88 6.35 -44.86	155.47 7.30 -62.33	131.88 7.63 -37.51	118.68 7.72 -25.13	101.34 7.81 -6.81	92.68 7.42 -2.82	90.02 7.58 0.00	90.42 7.47 0.00	91.49 7.78 0.00	102.07 8.37 -3.69	118.94 8.43 -18.92	154.58 10.69 -28.89	144.41 9.00 -37.59	117.05 8.83 -11.14	114.14 8.42 -14.18	103.46 7.41 -9.86	102.04 6.86 -11.54	101.67 6.39 -13.34
INDIAN POINT_GT_3 24019	117.29 4.78 -46.06	110.73 4.71 -39.65	103.02 4.78 -31.79	100.49 4.84 -28.36	103.77 5.27 -24.27	108.58 5.39 -26.16	135.88 6.35 -44.86	155.47 7.30 -62.33	131.88 7.63 -37.51	118.68 7.72 -25.13	101.34 7.81 -6.81	92.68 7.42 -2.82	90.02 7.58 0.00	90.42 7.47 0.00	91.49 7.78 0.00	102.07 8.37 -3.69	118.94 8.43 -18.92	154.58 10.69 -28.89	144.41 9.00 -37.59	117.05 8.83 -11.14	114.14 8.42 -14.18	103.46 7.41 -9.86	102.04 6.86 -11.54	101.67 6.39 -13.34
INDIAN POINT___2 23530	116.50 4.65 -45.41	109.98 4.52 -39.09	102.37 4.58 -31.34	99.95 4.71 -27.96	103.21 5.05 -23.92	108.06 5.24 -25.80	135.08 6.18 -44.23	154.51 7.21 -61.45	131.44 7.72 -36.99	118.23 7.64 -24.78	101.16 7.72 -6.71	92.48 7.26 -2.78	89.77 7.33 0.00	90.34 7.38 0.00	91.24 7.54 0.00	101.72 8.10 -3.60	118.27 8.15 -18.52	153.56 10.35 -28.21	143.23 8.70 -36.71	116.70 8.64 -10.98	113.66 8.14 -13.97	103.23 7.32 -9.73	101.63 6.61 -11.38	101.15 6.06 -13.15
INDIAN POINT___3 23531	117.19 4.65 -46.09	110.63 4.58 -39.68	102.91 4.65 -31.82	100.37 4.71 -28.38	103.64 5.12 -24.29	108.44 5.24 -26.18	135.75 6.18 -44.89	155.26 7.04 -62.38	131.73 7.46 -37.54	118.53 7.55 -25.15	101.18 7.63 -6.81	92.43 7.17 -2.82	89.86 7.42 0.00	90.26 7.30 0.00	91.24 7.53 0.00	101.80 8.10 -3.69	118.69 8.15 -18.94	154.39 10.46 -28.93	144.16 8.71 -37.64	116.87 8.64 -11.15	113.88 8.15 -14.19	103.29 7.24 -9.87	101.89 6.69 -11.55	101.51 6.23 -13.35
INGHAM_C_115KV_TB7 356103	69.24 2.79 0.00	69.23 2.85 0.00	69.30 2.86 0.00	70.18 2.89 0.00	77.57 3.34 0.00	80.72 3.70 0.00	88.82 4.15 0.00	90.05 4.21 0.00	91.07 4.34 0.00	90.28 4.46 0.00	91.41 4.68 0.00	86.89 4.45 0.00	86.97 4.53 0.00	87.60 4.65 0.00	88.48 4.77 0.00	95.14 5.13 0.00	97.01 5.40 0.00	121.90 6.90 0.00	103.68 5.87 0.00	103.00 5.92 0.00	97.13 5.58 0.00	91.61 5.43 0.00	89.08 5.44 0.00	87.18 5.24 0.00
IP CORINTH___1 23988	134.52 5.18 -62.89	125.63 5.11 -54.14	114.84 4.98 -43.41	111.06 5.05 -38.72	113.09 5.72 -33.14	168.64 6.24 -85.38	176.36 7.11 -84.58	178.43 7.47 -85.12	194.49 7.55 -100.21	126.84 6.69 -34.32	102.71 6.68 -9.30	92.06 5.77 -3.85	88.13 5.69 0.00	88.76 5.81 0.00	89.82 6.11 0.00	97.25 7.11 -0.13	106.08 7.51 -6.96	123.62 10.12 1.50	106.97 8.31 -0.84	120.35 8.06 -15.21	117.31 7.41 -18.35	106.29 6.64 -13.47	105.68 6.27 -15.76	105.89 5.74 -18.21

IP___TICONDEROGA 23804	136.97 7.71 -62.82	128.09 7.63 -54.08	117.12 7.31 -43.36	113.36 7.40 -38.68	115.79 8.46 -33.10	171.00 9.17 -84.82	179.60 10.67 -84.26	182.11 11.25 -85.02	197.56 11.19 -99.64	129.63 9.53 -34.28	105.64 9.63 -9.29	94.45 8.16 -3.85	90.52 8.08 0.00	91.17 8.21 0.00	92.41 8.71 0.00	100.32 10.17 -0.14	109.48 10.90 -6.98	128.50 14.95 1.44	110.83 12.13 -0.88	124.02 11.75 -15.19	120.40 10.53 -18.33	109.20 9.57 -13.46	108.34 8.95 -15.74	108.33 8.19 -18.19
ISLIP_RES_REC 323679	148.69 8.44 -73.81	114.80 8.36 -40.06	107.01 8.44 -32.12	104.42 8.48 -28.65	108.10 9.35 -24.52	113.00 9.55 -26.43	149.49 11.09 -53.72	180.05 12.53 -81.67	158.38 13.10 -58.55	140.50 12.36 -42.32	112.20 12.14 -13.33	106.11 11.45 -12.22	94.06 11.63 0.00	98.71 11.61 -4.15	108.38 11.97 -12.71	119.54 12.96 -16.57	141.84 13.74 -36.51	161.76 17.37 -29.40	155.74 14.86 -43.07	146.14 14.47 -34.59	131.87 13.64 -26.68	125.72 12.75 -26.79	107.74 11.80 -12.30	106.32 10.90 -13.48
JAMAICA__27_KV_LOAD 355505	118.56 5.58 -46.53	112.00 5.58 -40.06	104.14 5.58 -32.12	101.58 5.65 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.69 7.71 -45.32	157.83 9.01 -62.97	134.16 9.54 -37.89	121.00 9.78 -25.39	103.15 9.54 -6.88	94.28 8.99 -2.85	91.42 8.99 0.00	92.00 9.04 0.00	93.00 9.29 0.00	103.84 10.08 -3.75	120.60 9.80 -19.20	156.69 12.30 -29.39	146.61 10.56 -38.23	118.82 10.48 -11.25	115.85 9.98 -14.33	105.20 9.05 -9.97	104.00 8.70 -11.66	103.36 7.95 -13.47
JANIS___SOLAR 323808	83.40 3.45 -13.50	81.25 3.25 -11.63	79.02 3.26 -9.32	78.90 3.30 -8.31	85.20 3.86 -7.12	90.93 4.70 -9.21	104.65 6.10 -13.88	110.82 6.70 -18.28	105.41 6.16 -12.52	98.76 5.58 -7.37	94.19 5.47 -2.00	87.47 4.20 -0.83	86.39 3.96 0.00	87.27 4.31 0.00	88.65 4.94 0.00	96.18 5.85 -0.33	100.84 6.60 -2.64	126.71 9.54 -2.18	108.49 7.63 -3.04	107.82 7.48 -3.27	102.41 6.87 -4.00	95.19 6.12 -2.89	92.30 5.27 -3.38	90.85 5.00 -3.91
JARVIS____ 23743	67.04 0.60 0.00	66.97 0.60 0.00	67.04 0.60 0.00	67.96 0.67 0.00	74.97 0.74 0.00	77.87 0.85 0.00	85.61 0.93 0.00	86.88 1.03 0.00	87.85 1.12 0.00	86.85 1.03 0.00	87.85 1.12 0.00	83.35 0.91 0.00	83.43 0.99 0.00	83.95 1.00 0.00	84.72 1.01 0.00	91.18 1.17 0.00	92.71 1.10 0.00	116.49 1.49 0.00	98.99 1.18 0.00	98.25 1.17 0.00	92.65 1.10 0.00	87.30 1.12 0.00	84.65 1.01 0.00	82.84 0.90 0.00
JENNISON___1 23625	87.29 3.59 -17.25	84.81 3.58 -14.85	81.88 3.52 -11.91	81.47 3.57 -10.62	87.48 4.16 -9.09	94.83 4.85 -12.96	109.32 6.35 -18.29	115.81 6.61 -23.35	110.24 6.33 -17.18	101.33 6.09 -9.42	95.44 6.16 -2.55	88.44 4.95 -1.06	87.63 5.19 0.00	88.43 5.48 0.00	89.57 5.86 0.00	97.00 6.57 -0.42	102.13 7.14 -3.38	127.92 10.12 -2.80	109.80 8.02 -3.96	109.31 8.06 -4.17	103.98 7.32 -5.11	96.17 6.29 -3.70	93.82 5.86 -4.32	92.26 5.33 -5.00
JENNISON___2 23626	87.29 3.59 -17.25	84.81 3.58 -14.85	81.88 3.52 -11.91	81.47 3.57 -10.62	87.48 4.16 -9.09	94.83 4.85 -12.96	109.32 6.35 -18.29	115.81 6.61 -23.35	110.24 6.33 -17.18	101.33 6.09 -9.42	95.44 6.16 -2.55	88.44 4.95 -1.06	87.63 5.19 0.00	88.43 5.48 0.00	89.57 5.86 0.00	97.00 6.57 -0.42	102.13 7.14 -3.38	127.92 10.12 -2.80	109.80 8.02 -3.96	109.31 8.06 -4.17	103.98 7.32 -5.11	96.17 6.29 -3.70	93.82 5.86 -4.32	92.26 5.33 -5.00
JERICHO_RISE_WT_PWR 323719	64.19 -2.26 0.00	64.32 -2.06 0.00	64.19 -2.26 0.00	65.00 -2.29 0.00	71.71 -2.52 0.00	74.02 -3.01 0.00	80.78 -3.89 0.00	81.81 -4.03 0.00	82.31 -4.42 0.00	81.79 -4.03 0.00	82.66 -4.07 0.00	79.31 -3.13 0.00	79.47 -2.96 0.00	80.22 -2.74 0.00	80.95 -2.76 0.00	86.50 -3.51 0.00	88.21 -3.39 0.00	110.51 -4.49 0.00	94.20 -3.62 0.00	93.59 -3.49 0.00	88.25 -3.29 0.00	83.42 -2.76 0.00	81.64 -2.01 0.00	80.71 -1.23 0.00
KATONAH___115KV_46KV_TB4 355592	118.87 5.32 -47.11	112.17 5.24 -40.55	104.28 5.32 -32.52	101.67 5.38 -29.00	104.99 5.94 -24.82	109.83 6.01 -26.80	137.85 7.28 -45.90	158.01 8.41 -63.75	133.72 8.59 -38.41	120.11 8.58 -25.71	102.28 8.59 -6.96	93.49 8.16 -2.89	90.68 8.24 0.00	91.09 8.13 0.00	92.25 8.54 0.00	103.09 9.27 -3.81	120.33 9.25 -19.48	156.74 11.84 -29.90	146.60 9.88 -38.90	118.18 9.71 -11.39	115.30 9.25 -14.51	104.46 8.19 -10.09	103.06 7.61 -11.80	102.46 6.88 -13.64
KCE_NY_1 323755	133.88 4.72 -62.72	125.08 4.71 -53.99	114.39 4.65 -43.29	110.61 4.71 -38.61	112.55 5.27 -33.05	166.67 5.62 -84.03	174.76 6.27 -83.82	177.24 6.52 -84.88	192.24 6.68 -98.83	126.05 6.01 -34.22	101.98 5.98 -9.27	91.56 5.28 -3.84	87.72 5.28 0.00	88.34 5.39 0.00	89.32 5.61 0.00	96.55 6.39 -0.15	105.39 6.78 -7.01	122.48 8.86 1.37	106.19 7.43 -0.95	119.43 7.18 -15.17	116.52 6.68 -18.30	105.82 6.21 -13.43	105.21 5.85 -15.72	105.59 5.49 -18.16
KCE_NY_6_ESR 323823	70.09 -4.65 -8.30	68.61 -4.91 -7.15	67.59 -4.58 -5.73	67.75 -4.64 -5.11	73.34 -5.27 -4.37	76.68 -5.16 -4.82	87.05 -5.76 -8.14	91.50 -5.58 -11.23	87.53 -6.07 -6.88	83.82 -6.53 -4.53	81.71 -6.25 -1.23	76.27 -6.67 -0.51	75.84 -6.60 0.00	77.07 -5.89 0.00	78.52 -5.19 0.00	83.19 -7.02 -0.20	85.61 -7.60 -1.61	108.95 -7.36 -1.32	91.90 -7.73 -1.82	90.84 -8.25 -2.01	86.50 -7.50 -2.46	80.89 -7.07 -1.78	78.36 -7.36 -2.08	78.36 -5.98 -2.40
KEDC_PORT_JEFF_GT2 24210	148.29 8.04 -73.81	114.40 7.96 -40.06	106.54 7.97 -32.12	103.94 8.00 -28.65	107.66 8.90 -24.52	112.54 9.08 -26.43	148.89 10.50 -53.72	179.37 11.85 -81.67	157.68 12.40 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.62 10.97 -12.22	93.56 11.12 0.00	98.22 11.12 -4.15	107.88 11.47 -12.71	118.91 12.33 -16.57	141.21 13.10 -36.51	160.84 16.44 -29.40	154.97 14.09 -43.07	145.45 13.78 -34.59	131.22 12.99 -26.68	125.12 12.15 -26.79	107.23 11.29 -12.30	105.82 10.41 -13.48
KEDC_PORT_JEFF_GT3 24211	148.29 8.04 -73.81	114.40 7.96 -40.06	106.54 7.97 -32.12	103.94 8.00 -28.65	107.66 8.90 -24.52	112.54 9.08 -26.43	148.89 10.50 -53.72	179.37 11.85 -81.67	157.68 12.40 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.62 10.97 -12.22	93.56 11.12 0.00	98.22 11.12 -4.15	107.88 11.47 -12.71	118.91 12.33 -16.57	141.21 13.10 -36.51	160.84 16.44 -29.40	154.97 14.09 -43.07	145.45 13.78 -34.59	131.22 12.99 -26.68	125.12 12.15 -26.79	107.23 11.29 -12.30	105.82 10.41 -13.48
KEDC_GLWD_GT4 24219	146.36 6.11 -73.81	112.41 5.98 -40.06	104.62 6.05 -32.13	102.06 6.12 -28.65	105.44 6.68 -24.52	110.39 6.93 -26.43	146.53 8.13 -53.72	176.88 9.36 -81.67	155.16 9.88 -58.55	137.92 9.78 -42.32	109.86 9.80 -13.33	103.89 9.23 -12.22	91.75 9.31 0.00	96.47 9.37 -4.15	105.95 9.54 -12.71	116.92 10.35 -16.57	138.00 9.90 -36.51	156.82 12.42 -29.40	151.45 10.57 -43.07	142.06 10.39 -34.59	128.12 9.89 -26.68	121.93 8.96 -26.79	104.64 8.70 -12.30	103.45 8.03 -13.48
KEDC_GLWD_GT5 24220	146.36 6.11 -73.81	112.41 5.98 -40.06	104.62 6.05 -32.13	102.06 6.12 -28.65	105.44 6.68 -24.52	110.39 6.93 -26.43	146.53 8.13 -53.72	176.88 9.36 -81.67	155.16 9.88 -58.55	137.92 9.78 -42.32	109.86 9.80 -13.33	103.89 9.23 -12.22	91.75 9.31 0.00	96.47 9.37 -4.15	105.95 9.54 -12.71	116.92 10.35 -16.57	138.00 9.90 -36.51	156.82 12.42 -29.40	151.45 10.57 -43.07	142.06 10.39 -34.59	128.12 9.89 -26.68	121.93 8.96 -26.79	104.64 8.70 -12.30	103.45 8.03 -13.48

KENSICO____ 23655	117.93 5.05 -46.44	111.33 4.98 -39.98	103.55 5.05 -32.06	100.99 5.11 -28.59	104.27 5.57 -24.47	109.10 5.70 -26.38	136.59 6.69 -45.23	156.33 7.64 -62.85	132.62 8.07 -37.82	119.32 8.15 -25.34	101.83 8.24 -6.87	93.03 7.75 -2.85	90.35 7.91 0.00	90.84 7.88 0.00	91.83 8.12 0.00	102.48 8.73 -3.74	119.54 8.79 -19.15	155.56 11.27 -29.29	145.32 9.39 -38.11	117.63 9.32 -11.23	114.63 8.79 -14.30	103.97 7.84 -9.95	102.56 7.28 -11.64	102.11 6.72 -13.45
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	117.63 6.58 -44.61	111.21 6.44 -38.40	103.81 6.58 -30.79	101.41 6.66 -27.46	105.16 7.42 -23.50	111.61 7.55 -27.04	137.72 8.81 -44.24	156.17 9.96 -60.37	134.89 10.15 -38.01	119.77 9.61 -24.34	102.08 8.76 -6.59	93.25 8.08 -2.73	90.43 8.00 0.00	90.92 7.96 0.00	92.16 8.45 0.00	102.35 9.45 -2.89	117.54 10.26 -15.68	150.64 13.34 -22.31	138.01 10.96 -29.23	119.03 11.16 -10.79	115.75 10.62 -13.59	104.87 9.14 -9.55	103.19 8.36 -11.18	102.48 7.62 -12.92
KIAC_JFK_GT1 23816	117.82 4.85 -46.53	111.54 5.11 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.38 5.93 -26.43	136.76 6.77 -45.32	156.89 8.07 -62.97	133.30 8.67 -37.89	120.05 8.84 -25.39	102.63 9.02 -6.88	93.70 8.41 -2.85	90.85 8.41 0.00	91.42 8.46 0.00	92.50 8.79 0.00	103.21 9.45 -3.75	119.60 8.79 -19.20	155.42 11.04 -29.39	145.54 9.49 -38.23	117.85 9.51 -11.25	114.84 8.97 -14.33	104.59 8.45 -9.97	103.42 8.11 -11.66	102.79 7.37 -13.47
KIAC_JFK_GT2 23817	117.82 4.85 -46.53	111.54 5.11 -40.06	103.75 5.18 -32.12	101.18 5.25 -28.65	104.46 5.72 -24.52	109.38 5.93 -26.43	136.76 6.77 -45.32	156.89 8.07 -62.97	133.30 8.67 -37.89	120.05 8.84 -25.39	102.63 9.02 -6.88	93.70 8.41 -2.85	90.85 8.41 0.00	91.42 8.46 0.00	92.50 8.79 0.00	103.21 9.45 -3.75	119.60 8.79 -19.20	155.42 11.04 -29.39	145.54 9.49 -38.23	117.85 9.51 -11.25	114.84 8.97 -14.33	104.59 8.45 -9.97	103.42 8.11 -11.66	102.79 7.37 -13.47
KIAC_JFK____ 323774	117.82 4.85 -46.53	111.54 5.11 -40.06	103.75 5.19 -32.12	101.18 5.25 -28.65	104.39 5.64 -24.52	109.46 6.01 -26.43	136.84 6.86 -45.32	157.23 8.42 -62.97	133.73 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.88	93.86 8.57 -2.85	91.01 8.57 0.00	91.66 8.71 0.00	92.58 8.87 0.00	103.21 9.45 -3.75	119.60 8.79 -19.20	155.42 11.04 -29.39	145.53 9.49 -38.23	117.85 9.52 -11.25	114.85 8.98 -14.33	104.76 8.62 -9.97	103.42 8.11 -11.66	102.70 7.29 -13.47
KINTIGH____ 23543	68.74 -4.58 -6.88	67.98 -4.31 -5.93	66.94 -4.25 -4.75	67.15 -4.37 -4.24	73.11 -4.75 -3.63	76.12 -4.85 -3.95	86.23 -5.17 -6.73	89.32 -5.84 -9.32	86.66 -5.72 -5.65	83.48 -6.09 -3.76	81.59 -6.16 -1.02	76.43 -6.43 -0.42	75.27 -7.17 0.00	75.90 -7.05 0.00	76.84 -6.86 0.00	83.33 -6.84 -0.16	85.79 -7.14 -1.33	105.96 -10.12 -1.08	91.29 -8.02 -1.49	90.98 -7.77 -1.66	86.62 -6.96 -2.04	79.90 -7.76 -1.47	78.34 -7.03 -1.72	77.54 -6.39 -1.99
KNTFSRNC_46_KV_46KV_LOAD 80397	65.32 -1.13 0.00	65.31 -1.06 0.00	65.25 -1.20 0.00	66.14 -1.14 0.00	72.75 -1.48 0.00	75.10 -1.93 0.00	81.62 -3.05 0.00	83.53 -2.32 0.00	83.69 -3.04 0.00	83.07 -2.75 0.00	83.95 -2.78 0.00	80.38 -2.06 0.00	80.46 -1.98 0.00	81.21 -1.74 0.00	82.03 -1.67 0.00	87.76 -2.25 0.00	89.68 -1.92 0.00	112.35 -2.64 0.00	95.86 -1.96 0.00	95.14 -1.94 0.00	89.71 -1.83 0.00	85.32 -0.86 0.00	82.81 -0.84 0.00	82.35 0.41 0.00
LACHUTE__HYDRO 323717	136.97 7.70 -62.82	128.02 7.56 -54.08	117.12 7.31 -43.36	113.36 7.40 -38.68	115.79 8.46 -33.10	171.00 9.16 -84.82	179.52 10.58 -84.26	182.02 11.16 -85.02	197.56 11.19 -99.64	129.54 9.44 -34.28	105.64 9.63 -9.29	94.45 8.16 -3.85	90.43 7.99 0.00	91.17 8.21 0.00	92.41 8.71 0.00	100.32 10.17 -0.14	109.48 10.90 -6.98	128.50 14.94 1.44	110.83 12.13 -0.88	124.01 11.74 -15.19	120.40 10.52 -18.33	109.29 9.65 -13.46	108.34 8.95 -15.74	108.40 8.27 -18.19
LAWRNCAL_115KV_TB1 80681	65.05 -1.40 0.00	64.98 -1.39 0.00	64.98 -1.46 0.00	65.80 -1.48 0.00	72.52 -1.71 0.00	74.79 -2.23 0.00	81.54 -3.13 0.00	82.16 -3.69 0.00	81.53 -5.20 0.00	81.10 -4.72 0.00	81.35 -5.38 0.00	78.48 -3.96 0.00	78.40 -4.04 0.00	78.97 -3.98 0.00	79.69 -4.02 0.00	83.89 -6.12 0.00	85.74 -5.86 0.00	107.41 -7.59 0.00	91.56 -6.26 0.00	90.97 -6.12 0.00	85.59 -5.95 0.00	83.08 -3.10 0.00	81.47 -2.17 0.00	80.46 -1.47 0.00
LEDERLE____ 23769	115.85 4.65 -44.76	109.48 4.58 -38.53	101.99 4.65 -30.90	99.55 4.71 -27.56	102.94 5.12 -23.58	107.70 5.24 -25.44	134.46 6.18 -43.60	153.46 7.04 -60.57	130.66 7.46 -36.47	117.80 7.55 -24.43	100.89 7.55 -6.62	92.35 7.17 -2.74	89.77 7.34 0.00	90.26 7.30 0.00	91.24 7.53 0.00	101.63 8.10 -3.52	117.88 8.15 -18.12	152.98 10.46 -27.52	142.34 8.71 -35.82	116.54 8.64 -10.82	113.45 8.15 -13.76	103.01 7.24 -9.59	101.47 6.61 -11.22	100.96 6.06 -12.96
LIGHTHSE_115KV_TB6 355974	68.83 -1.06 -3.45	68.22 -1.13 -2.97	67.70 -1.13 -2.38	68.27 -1.14 -2.12	74.94 -1.11 -1.82	77.08 -0.77 -0.83	86.99 -0.51 -2.82	90.17 -0.34 -4.67	87.89 -0.52 -1.68	87.10 -0.60 -1.88	86.55 -0.69 -0.51	81.74 -0.91 -0.21	81.53 -0.91 0.00	82.13 -0.83 0.00	82.95 -0.75 0.00	89.22 -0.81 -0.02	91.29 -0.73 -0.42	114.19 -0.80 0.00	97.05 -0.78 -0.01	97.14 -0.78 -0.83	91.82 -0.73 -1.01	86.14 -0.78 -0.74	83.67 -0.84 -0.86	81.87 -1.07 -1.00
LINDEN COGEN____ 23786	112.06 4.99 -40.63	111.26 4.84 -40.05	103.47 4.92 -32.11	100.90 4.98 -28.64	104.15 5.42 -24.51	109.06 5.62 -26.42	112.12 6.69 -20.76	134.66 8.07 -40.75	121.05 8.59 -25.73	118.14 8.58 -23.74	102.28 8.67 -6.88	93.53 8.24 -2.85	90.68 8.24 0.00	91.33 8.38 0.00	92.25 8.54 0.00	102.76 9.00 -3.75	119.69 8.88 -19.20	132.12 11.28 -5.85	122.12 9.49 -14.82	117.75 9.41 -11.25	112.14 8.88 -11.72	104.34 8.19 -9.97	102.67 7.36 -11.66	102.21 6.80 -13.47
LINDHRST_69_KV_BK1 356055	148.03 7.77 -73.81	114.14 7.70 -40.06	106.28 7.71 -32.12	103.68 7.74 -28.65	107.29 8.54 -24.52	112.16 8.70 -26.43	148.64 10.25 -53.72	178.77 11.25 -81.67	156.99 11.71 -58.55	139.73 11.59 -42.32	111.33 11.27 -13.33	105.29 10.63 -12.22	93.32 10.88 0.00	97.89 10.78 -4.15	107.55 11.13 -12.71	118.82 12.24 -16.57	140.93 12.82 -36.51	160.49 16.10 -29.40	154.67 13.79 -43.07	145.26 13.59 -34.59	131.04 12.82 -26.68	124.51 11.55 -26.79	106.82 10.87 -12.30	105.50 10.08 -13.48
LIPA_MISC_IPP 23656	148.09 7.84 -73.81	114.34 7.90 -40.06	106.48 7.91 -32.12	103.88 7.94 -28.65	107.59 8.83 -24.52	112.31 8.86 -26.43	148.56 10.16 -53.72	178.85 11.33 -81.67	157.07 11.80 -58.55	139.47 11.33 -42.32	111.07 11.01 -13.33	105.12 10.47 -12.22	93.24 10.80 0.00	97.72 10.62 -4.15	107.38 10.97 -12.71	118.37 11.79 -16.57	140.75 12.64 -36.51	160.15 15.75 -29.40	154.38 13.50 -43.07	144.87 13.20 -34.59	130.68 12.45 -26.68	124.69 11.72 -26.79	107.07 11.12 -12.30	105.66 10.24 -13.48
LISF__SOLAR 323691	148.22 7.97 -73.81	114.47 8.03 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.73 8.98 -24.52	112.54 9.08 -26.43	148.81 10.41 -53.72	179.37 11.85 -81.67	157.68 12.40 -58.55	139.56 11.42 -42.32	111.33 11.27 -13.33	105.37 10.71 -12.22	93.32 10.88 0.00	98.05 10.95 -4.15	107.63 11.22 -12.71	118.46 11.88 -16.57	140.84 12.73 -36.51	160.37 15.98 -29.40	154.68 13.80 -43.07	145.07 13.40 -34.59	130.86 12.64 -26.68	125.03 12.06 -26.79	107.23 11.29 -12.30	105.82 10.41 -13.48

LITTLE FALLS___HYD 24013	69.24 2.79 0.00	69.23 2.85 0.00	69.30 2.86 0.00	70.18 2.89 0.00	77.57 3.34 0.00	80.72 3.70 0.00	88.82 4.15 0.00	90.05 4.21 0.00	91.07 4.34 0.00	90.28 4.46 0.00	91.41 4.68 0.00	86.89 4.45 0.00	86.97 4.53 0.00	87.60 4.65 0.00	88.48 4.77 0.00	95.14 5.13 0.00	97.01 5.40 0.00	121.90 6.90 0.00	103.68 5.87 0.00	103.00 5.92 0.00	97.13 5.58 0.00	91.61 5.43 0.00	89.08 5.44 0.00	87.18 5.24 0.00
LITTLRIV_115KV_TB1 356100	65.85 -0.60 0.00	65.84 -0.53 0.00	65.78 -0.66 0.00	66.61 -0.67 0.00	73.41 -0.82 0.00	75.79 -1.23 0.00	82.72 -1.95 0.00	83.53 -2.32 0.00	82.74 -3.99 0.00	82.22 -3.60 0.00	82.39 -4.34 0.00	79.39 -3.05 0.00	79.22 -3.22 0.00	79.80 -3.15 0.00	80.61 -3.10 0.00	85.06 -4.95 0.00	87.02 -4.58 0.00	109.02 -5.98 0.00	92.83 -4.99 0.00	92.23 -4.85 0.00	86.78 -4.76 0.00	84.11 -2.07 0.00	82.47 -1.17 0.00	81.37 -0.57 0.00
LI_NEWBRDGE___DRP 323616	146.36 6.11 -73.81	112.54 6.11 -40.06	104.75 6.18 -32.12	102.13 6.19 -28.65	105.58 6.83 -24.52	110.39 6.93 -26.43	146.52 8.13 -53.72	176.53 9.01 -81.67	154.73 9.45 -58.55	137.67 9.53 -42.32	109.42 9.37 -13.33	103.56 8.90 -12.22	91.59 9.15 0.00	96.14 9.04 -4.14	105.70 9.29 -12.71	116.75 10.17 -16.57	138.55 10.44 -36.51	157.27 12.88 -29.40	151.94 11.05 -43.07	142.64 10.97 -34.59	128.66 10.44 -26.68	122.36 9.39 -26.79	104.81 8.87 -12.30	103.61 8.19 -13.48
LOCKPORT_115KV_TB60_63_64 80432	68.08 -5.85 -7.48	67.10 -5.71 -6.44	65.96 -5.65 -5.16	66.17 -5.72 -4.60	71.86 -6.31 -3.94	74.94 -6.39 -4.32	85.05 -6.94 -7.32	88.33 -7.64 -10.12	85.18 -7.72 -6.17	81.75 -8.15 -4.08	79.77 -8.07 -1.11	74.57 -8.33 -0.46	74.44 -8.00 0.00	75.07 -7.88 0.00	76.09 -7.62 0.00	81.46 -8.73 -0.18	83.61 -9.44 -1.45	104.56 -11.61 -1.18	89.37 -10.08 -1.63	88.70 -10.19 -1.81	84.51 -9.25 -2.22	77.79 -10.00 -1.60	76.57 -8.95 -1.87	75.91 -8.19 -2.17
LOCKPORT___CC1 323769	68.00 -5.98 -7.54	66.62 -6.24 -6.49	65.73 -5.91 -5.20	66.07 -5.85 -4.64	71.52 -6.68 -3.97	74.67 -6.70 -4.35	84.43 -7.62 -7.38	88.66 -7.38 -10.20	85.06 -7.89 -6.22	81.53 -8.41 -4.11	79.60 -8.24 -1.11	74.41 -8.49 -0.46	73.78 -8.65 0.00	73.92 -9.04 0.00	75.34 -8.37 0.00	81.19 -9.00 -0.18	83.35 -9.71 -1.46	104.35 -11.84 -1.19	89.09 -10.37 -1.64	88.52 -10.39 -1.82	84.25 -9.52 -2.23	78.83 -8.96 -1.61	76.42 -9.11 -1.89	76.42 -7.71 -2.18
LOCKPORT___CC2 323770	68.00 -5.98 -7.54	66.62 -6.24 -6.49	65.73 -5.91 -5.20	66.07 -5.85 -4.64	71.52 -6.68 -3.97	74.67 -6.70 -4.35	84.43 -7.62 -7.38	88.66 -7.38 -10.20	85.06 -7.89 -6.22	81.53 -8.41 -4.11	79.60 -8.24 -1.11	74.41 -8.49 -0.46	73.78 -8.65 0.00	73.92 -9.04 0.00	75.34 -8.37 0.00	81.19 -9.00 -0.18	83.35 -9.71 -1.46	104.35 -11.84 -1.19	89.09 -10.37 -1.64	88.52 -10.39 -1.82	84.25 -9.52 -2.23	78.83 -8.96 -1.61	76.42 -9.11 -1.89	76.42 -7.71 -2.18
LOCKPORT___CC3 323771	68.00 -5.98 -7.54	66.62 -6.24 -6.49	65.73 -5.91 -5.20	66.07 -5.85 -4.64	71.52 -6.68 -3.97	74.67 -6.70 -4.35	84.43 -7.62 -7.38	88.66 -7.38 -10.20	85.06 -7.89 -6.22	81.53 -8.41 -4.11	79.60 -8.24 -1.11	74.41 -8.49 -0.46	73.78 -8.65 0.00	73.92 -9.04 0.00	75.34 -8.37 0.00	81.19 -9.00 -0.18	83.35 -9.71 -1.46	104.35 -11.84 -1.19	89.09 -10.37 -1.64	88.52 -10.39 -1.82	84.25 -9.52 -2.23	78.83 -8.96 -1.61	76.42 -9.11 -1.89	76.42 -7.71 -2.18
LONG_LAKE_PHOENIX 24014	68.65 -1.59 -3.80	67.98 -1.66 -3.27	67.41 -1.66 -2.62	67.94 -1.68 -2.34	74.45 -1.78 -2.00	76.31 -1.62 -0.91	86.26 -1.52 -3.11	89.44 -1.55 -5.14	87.11 -1.47 -1.85	86.35 -1.54 -2.07	85.73 -1.56 -0.56	80.94 -1.73 -0.23	80.71 -1.73 0.00	81.21 -1.74 0.00	82.03 -1.67 0.00	88.41 -1.62 -0.02	90.41 -1.65 -0.46	112.93 -2.07 0.00	96.17 -1.66 -0.01	96.25 -1.75 -0.92	91.01 -1.65 -1.11	85.10 -1.90 -0.81	82.67 -1.92 -0.95	81.07 -1.97 -1.10
LOVETT___3 23632	115.69 4.32 -44.93	109.30 4.25 -38.68	101.71 4.25 -31.01	99.32 4.37 -27.66	102.65 4.75 -23.67	107.41 4.85 -25.54	134.20 5.76 -43.77	153.17 6.52 -60.80	130.28 6.94 -36.61	117.38 7.04 -24.52	100.48 7.11 -6.64	92.03 6.84 -2.75	89.44 7.01 0.00	89.84 6.89 0.00	90.91 7.20 0.00	101.20 7.65 -3.54	117.52 7.69 -18.23	152.47 9.77 -27.70	141.99 8.12 -36.05	116.00 8.06 -10.86	113.05 7.69 -13.82	102.61 6.81 -9.62	101.18 6.27 -11.26	100.69 5.74 -13.01
LOVETT___4 23642	115.69 4.32 -44.93	109.30 4.25 -38.68	101.71 4.25 -31.01	99.32 4.37 -27.66	102.65 4.75 -23.67	107.41 4.85 -25.54	134.20 5.76 -43.77	153.17 6.52 -60.80	130.28 6.94 -36.61	117.38 7.04 -24.52	100.48 7.11 -6.64	92.03 6.84 -2.75	89.44 7.01 0.00	89.84 6.89 0.00	90.91 7.20 0.00	101.20 7.65 -3.54	117.52 7.69 -18.23	152.47 9.77 -27.70	141.99 8.12 -36.05	116.00 8.06 -10.86	113.05 7.69 -13.82	102.61 6.81 -9.62	101.18 6.27 -11.26	100.69 5.74 -13.01
LOVETT___5 23593	115.69 4.32 -44.93	109.30 4.25 -38.68	101.71 4.25 -31.01	99.32 4.37 -27.66	102.65 4.75 -23.67	107.41 4.85 -25.54	134.20 5.76 -43.77	153.17 6.52 -60.80	130.28 6.94 -36.61	117.38 7.04 -24.52	100.48 7.11 -6.64	92.03 6.84 -2.75	89.44 7.01 0.00	89.84 6.89 0.00	90.91 7.20 0.00	101.20 7.65 -3.54	117.52 7.69 -18.23	152.47 9.77 -27.70	141.99 8.12 -36.05	116.00 8.06 -10.86	113.05 7.69 -13.82	102.61 6.81 -9.62	101.18 6.27 -11.26	100.69 5.74 -13.01
LOWER RAQUET___HYD 24057	64.98 -1.46 0.00	65.05 -1.33 0.00	64.92 -1.53 0.00	65.74 -1.54 0.00	72.60 -1.63 0.00	74.71 -2.31 0.00	81.45 -3.22 0.00	80.78 -5.06 0.00	80.75 -5.98 0.00	80.58 -5.24 0.00	80.57 -6.16 0.00	78.15 -4.29 0.00	78.15 -4.29 0.00	78.73 -4.23 0.00	79.44 -4.27 0.00	83.62 -6.39 0.00	85.47 -6.14 0.00	107.06 -7.93 0.00	91.26 -6.55 0.00	90.67 -6.41 0.00	85.31 -6.23 0.00	81.36 -4.82 0.00	81.39 -2.25 0.00	80.30 -1.64 0.00
LOWER___HUDSON 24059	132.00 3.92 -61.63	123.35 3.92 -53.06	112.91 3.92 -42.54	109.20 3.97 -37.95	111.16 4.45 -32.48	156.41 4.70 -74.69	168.42 5.08 -78.67	174.41 5.15 -83.41	181.63 5.56 -89.34	124.69 5.24 -33.63	101.04 5.20 -9.11	91.08 4.86 -3.78	87.30 4.86 0.00	87.85 4.89 0.00	88.56 4.85 0.00	95.80 5.49 -0.30	104.74 5.68 -7.46	121.40 7.13 0.73	105.29 6.07 -1.41	117.91 5.92 -14.90	115.13 5.58 -18.00	104.55 5.17 -13.20	104.11 5.02 -15.45	104.54 4.75 -17.85
LOWVILLE_115KV_TB2 356335	68.12 -0.07 -1.74	67.74 -0.13 -1.50	67.51 -0.13 -1.20	68.22 -0.13 -1.07	75.44 0.30 -0.92	78.44 1.00 -0.42	88.55 2.46 -1.42	90.77 2.58 -2.35	89.66 2.08 -0.85	88.66 1.89 -0.95	88.46 1.47 -0.26	83.70 1.15 -0.11	83.43 0.99 0.00	84.03 1.08 0.00	84.96 1.26 0.00	91.55 1.53 -0.01	93.74 1.92 -0.21	117.64 2.64 0.00	99.88 2.05 -0.01	99.64 2.14 -0.42	93.70 1.65 -0.51	88.36 1.81 -0.37	85.84 1.76 -0.44	83.92 1.47 -0.50
LUTHERFT_115KV_GLOB_FND_222 355753	133.81 4.65 -62.72	125.01 4.65 -53.99	114.32 4.58 -43.29	110.54 4.64 -38.61	112.47 5.20 -33.05	166.59 5.55 -84.03	174.76 6.27 -83.82	177.16 6.44 -84.88	192.15 6.59 -98.83	126.05 6.01 -34.22	101.99 5.98 -9.27	91.56 5.28 -3.84	87.71 5.28 0.00	88.26 5.31 0.00	89.23 5.52 0.00	96.55 6.39 -0.15	105.29 6.69 -7.01	122.37 8.74 1.37	106.10 7.34 -0.95	119.43 7.18 -15.17	116.44 6.59 -18.30	105.65 6.03 -13.43	105.13 5.77 -15.72	105.43 5.33 -18.16

LUTHERNY_35_KV_BK2 355980	133.88 4.72 -62.72	125.08 4.71 -53.99	114.39 4.65 -43.29	110.61 4.71 -38.61	112.55 5.27 -33.05	166.67 5.62 -84.03	174.84 6.35 -83.82	177.25 6.52 -84.88	192.24 6.68 -98.83	126.14 6.09 -34.22	101.99 5.98 -9.27	91.64 5.36 -3.84	87.80 5.36 0.00	88.35 5.39 0.00	89.32 5.61 0.00	96.64 6.48 -0.15	105.39 6.78 -7.01	122.48 8.85 1.37	106.20 7.43 -0.95	119.43 7.18 -15.17	116.53 6.68 -18.30	105.73 6.12 -13.43	105.13 5.77 -15.72	105.51 5.41 -18.16
LWR___OSWEGATCHIE_HYD 23850	66.40 -1.33 -1.28	66.15 -1.33 -1.10	65.93 -1.40 -0.88	66.66 -1.41 -0.79	73.49 -1.41 -0.67	76.02 -1.31 -0.31	84.53 -1.19 -1.05	86.21 -1.37 -1.73	85.01 -2.34 -0.62	84.20 -2.32 -0.70	84.14 -2.78 -0.19	80.21 -2.31 -0.08	79.96 -2.47 0.00	80.55 -2.41 0.00	81.36 -2.34 0.00	86.78 -3.24 -0.01	88.83 -2.93 -0.15	111.32 -3.68 0.00	94.79 -3.03 0.00	94.48 -2.91 -0.31	88.90 -3.02 -0.37	84.90 -1.55 -0.27	82.96 -1.00 -0.32	81.49 -0.82 -0.37
LYONS_FALL_HYD 23570	68.90 0.80 -1.65	68.52 0.73 -1.42	68.32 0.73 -1.14	69.04 0.74 -1.02	76.28 1.18 -0.87	79.19 1.77 -0.40	88.90 2.88 -1.35	91.08 3.00 -2.23	90.23 2.69 -0.80	89.21 2.49 -0.90	89.14 2.17 -0.24	84.44 1.90 -0.10	84.17 1.73 0.00	84.78 1.82 0.00	85.71 2.01 0.00	92.35 2.34 -0.01	94.46 2.66 -0.20	118.57 3.57 0.00	100.66 2.84 -0.01	100.39 2.91 -0.40	94.50 2.47 -0.48	88.86 2.33 -0.35	86.32 2.26 -0.41	84.38 1.96 -0.48
MADISON___COUNTY_LFGE 323628	71.54 2.13 -2.97	71.06 2.12 -2.56	70.62 2.13 -2.05	71.27 2.15 -1.83	78.32 2.52 -1.57	80.82 3.08 -0.71	91.17 4.06 -2.43	94.08 4.21 -4.02	92.26 4.08 -1.45	91.22 3.78 -1.62	90.81 3.64 -0.44	85.67 3.05 -0.18	85.49 3.05 0.00	86.11 3.15 0.00	86.97 3.26 0.00	93.80 3.78 -0.01	95.90 3.94 -0.36	120.17 5.17 0.00	101.93 4.11 -0.01	101.88 4.08 -0.72	96.07 3.66 -0.87	89.92 3.10 -0.64	87.32 2.93 -0.74	85.42 2.62 -0.86
MALONE___115KV_TB1 356076	65.38 -1.06 0.00	65.31 -1.06 0.00	65.25 -1.20 0.00	66.14 -1.14 0.00	72.75 -1.48 0.00	75.02 -2.00 0.00	81.88 -2.79 0.00	83.53 -2.32 0.00	83.43 -3.30 0.00	82.82 -3.00 0.00	83.61 -3.12 0.00	80.05 -2.39 0.00	80.05 -2.39 0.00	80.80 -2.16 0.00	81.53 -2.18 0.00	86.95 -3.06 0.00	88.95 -2.66 0.00	111.43 -3.56 0.00	95.08 -2.74 0.00	94.36 -2.72 0.00	88.89 -2.65 0.00	84.97 -1.21 0.00	82.56 -1.09 0.00	81.78 -0.16 0.00
MAPLEWOD_115KV_TB3 80458	131.27 3.46 -61.37	122.72 3.52 -52.83	112.33 3.52 -42.36	108.57 3.50 -37.78	110.50 3.93 -32.33	146.21 4.16 -65.03	163.10 4.49 -73.94	173.36 4.46 -83.05	171.25 4.77 -79.75	124.03 4.72 -33.49	100.66 4.86 -9.07	90.73 4.53 -3.76	86.97 4.53 0.00	87.52 4.56 0.00	87.73 4.02 0.00	94.63 4.50 -0.12	103.03 4.67 -6.75	119.28 5.86 1.58	102.81 4.99 0.00	116.68 4.76 -14.84	113.84 4.39 -17.90	103.46 4.14 -13.14	103.37 4.35 -15.38	103.81 4.10 -17.77
MAPLE_RIDGE_WT_1 323574	65.25 -1.19 0.00	65.25 -1.13 0.00	65.32 -1.13 0.00	66.21 -1.08 0.00	73.19 -1.04 0.00	75.94 -1.08 0.00	83.49 -1.19 0.00	84.47 -1.38 0.00	85.17 -1.56 0.00	84.44 -1.38 0.00	85.34 -1.39 0.00	81.36 -1.07 0.00	81.45 -0.99 0.00	81.96 -0.99 0.00	82.71 -1.00 0.00	88.66 -1.35 0.00	90.23 -1.37 0.00	113.15 -1.84 0.00	96.35 -1.46 0.00	95.63 -1.45 0.00	90.07 -1.47 0.00	84.97 -1.21 0.00	82.81 -0.84 0.00	81.28 -0.66 0.00
MAPLE_RIDGE_WT_2 323611	65.25 -1.19 0.00	65.25 -1.13 0.00	65.32 -1.13 0.00	66.21 -1.08 0.00	73.19 -1.04 0.00	75.94 -1.08 0.00	83.49 -1.19 0.00	84.47 -1.38 0.00	85.17 -1.56 0.00	84.44 -1.38 0.00	85.34 -1.39 0.00	81.36 -1.07 0.00	81.45 -0.99 0.00	81.96 -0.99 0.00	82.71 -1.00 0.00	88.66 -1.35 0.00	90.23 -1.37 0.00	113.15 -1.84 0.00	96.35 -1.46 0.00	95.63 -1.45 0.00	90.07 -1.47 0.00	84.97 -1.21 0.00	82.81 -0.84 0.00	81.28 -0.66 0.00
MARBLE_RIVER_WT_PWR 323696	64.32 -2.13 0.00	64.38 -1.99 0.00	64.32 -2.13 0.00	65.13 -2.16 0.00	71.85 -2.38 0.00	74.17 -2.85 0.00	80.86 -3.81 0.00	81.99 -3.86 0.00	82.48 -4.25 0.00	81.96 -3.86 0.00	82.74 -3.99 0.00	79.47 -2.96 0.00	79.63 -2.80 0.00	80.38 -2.57 0.00	81.20 -2.51 0.00	86.68 -3.33 0.00	88.49 -3.11 0.00	110.74 -4.25 0.00	94.49 -3.33 0.00	93.88 -3.20 0.00	88.43 -3.11 0.00	83.60 -2.58 0.00	81.80 -1.84 0.00	80.96 -0.98 0.00
MARSHVLE_115KV_TB1 80742	140.68 4.05 -70.18	130.77 3.98 -60.41	118.74 3.85 -48.44	114.40 3.90 -43.21	115.74 4.53 -36.98	162.90 5.16 -80.72	178.63 6.44 -87.52	187.35 6.52 -94.98	190.05 5.90 -97.43	128.15 4.03 -38.30	100.66 3.56 -10.37	88.72 1.98 -4.30	84.25 1.81 0.00	85.11 2.16 0.00	86.64 2.93 0.00	95.01 4.77 -0.23	105.53 5.86 -8.07	122.56 8.51 0.95	106.00 6.85 -1.34	120.85 6.80 -16.97	118.08 6.04 -20.49	106.81 5.60 -15.03	106.25 5.02 -17.59	106.61 4.34 -20.32
MARSH_HILL_WT_PWR 323713	73.28 -3.59 -10.42	71.43 -3.92 -8.97	70.12 -3.52 -7.20	70.27 -3.43 -6.42	76.31 -3.41 -5.49	80.86 -2.31 -6.15	92.99 -1.94 -10.26	97.98 -1.97 -14.11	93.53 -1.91 -8.71	89.45 -2.06 -5.69	86.36 -1.91 -1.54	80.93 -2.14 -0.64	80.54 -1.89 0.00	81.87 -1.08 0.00	83.29 -0.42 0.00	88.81 -1.44 -0.25	92.16 -1.47 -2.03	116.77 0.12 -1.66	99.03 -1.07 -2.29	97.86 -1.74 -2.52	93.35 -1.28 -3.09	86.95 -1.47 -2.23	84.25 -2.01 -2.61	83.81 -1.15 -3.02
MCINTYRE_115KV_TB2 80467	66.38 -0.07 0.00	66.31 -0.07 0.00	66.31 -0.13 0.00	67.15 -0.13 0.00	73.93 -0.30 0.00	76.40 -0.62 0.00	83.49 -1.19 0.00	84.47 -1.37 0.00	83.61 -3.12 0.00	82.99 -2.83 0.00	83.17 -3.56 0.00	80.13 -2.31 0.00	79.96 -2.47 0.00	80.55 -2.41 0.00	81.36 -2.34 0.00	85.87 -4.14 0.00	87.94 -3.66 0.00	110.17 -4.83 0.00	93.90 -3.91 0.00	93.30 -3.79 0.00	87.70 -3.84 0.00	84.80 -1.38 0.00	82.98 -0.67 0.00	81.86 -0.08 0.00
MECO_____69_KV_BK1 80468	140.11 6.05 -67.61	130.55 5.97 -58.21	118.90 5.78 -46.67	114.77 5.85 -41.63	116.54 6.68 -35.63	168.82 7.39 -84.41	181.01 8.89 -87.45	186.45 9.10 -91.50	195.74 8.59 -100.43	129.41 6.69 -36.90	103.14 6.42 -10.00	91.45 4.86 -4.14	87.14 4.70 0.00	87.93 4.98 0.00	89.32 5.61 0.00	97.56 7.38 -0.17	107.61 8.43 -7.58	125.39 11.73 1.34	108.49 9.68 -0.99	122.95 9.51 -16.35	119.79 8.51 -19.73	108.51 7.84 -14.48	107.78 7.19 -16.94	107.99 6.47 -19.58
MENANDS___115KV_TB5 355628	130.80 3.12 -61.23	122.27 3.19 -52.71	111.90 3.19 -42.26	108.21 3.23 -37.70	110.05 3.56 -32.26	143.53 3.77 -62.74	161.50 4.06 -72.76	172.66 3.95 -82.86	168.43 4.25 -77.45	123.52 4.29 -33.41	100.29 4.51 -9.05	90.48 4.29 -3.75	86.72 4.29 0.00	87.27 4.31 0.00	87.31 3.60 0.00	94.07 3.96 -0.10	102.31 4.03 -6.68	118.57 5.17 1.60	102.13 4.40 0.09	116.16 4.27 -14.81	113.34 3.94 -17.86	103.00 3.71 -13.11	103.00 4.01 -15.34	103.44 3.77 -17.73
MG INDUSTRY___DRP 24185	128.87 2.79 -59.63	120.56 2.85 -51.34	110.47 2.86 -41.16	106.83 2.83 -36.72	108.84 3.19 -31.42	126.52 3.31 -46.18	152.09 3.56 -63.86	169.81 3.26 -80.70	150.83 3.38 -60.71	121.62 3.26 -32.54	99.01 3.47 -8.82	89.23 3.13 -3.65	85.65 3.22 0.00	86.19 3.24 0.00	86.47 2.76 0.00	93.46 3.33 -0.12	101.67 3.48 -6.59	118.47 4.60 1.13	101.70 3.91 0.03	115.09 3.59 -14.42	112.34 3.39 -17.41	102.23 3.27 -12.77	102.02 3.43 -14.94	102.57 3.36 -17.27

MID___OSWEGATCHIE_HYD 23849	66.40 -1.33 -1.28	66.15 -1.33 -1.10	65.93 -1.40 -0.88	66.66 -1.41 -0.79	73.49 -1.41 -0.67	76.02 -1.31 -0.31	84.53 -1.19 -1.05	86.21 -1.37 -1.73	85.01 -2.34 -0.62	84.20 -2.32 -0.70	84.14 -2.78 -0.19	80.21 -2.31 -0.08	79.96 -2.47 0.00	80.55 -2.41 0.00	81.36 -2.34 0.00	86.78 -3.24 -0.01	88.83 -2.93 -0.15	111.32 -3.68 0.00	94.79 -3.03 0.00	94.48 -2.91 -0.31	88.90 -3.02 -0.37	84.90 -1.55 -0.27	82.96 -1.00 -0.32	81.49 -0.82 -0.37
MID___RAQUETTE_HYD 23851	64.98 -1.46 0.00	64.91 -1.46 0.00	64.92 -1.53 0.00	65.74 -1.55 0.00	72.37 -1.86 0.00	74.63 -2.39 0.00	81.37 -3.30 0.00	81.90 -3.95 0.00	81.27 -5.46 0.00	80.84 -4.98 0.00	81.01 -5.72 0.00	78.15 -4.29 0.00	77.99 -4.45 0.00	78.56 -4.40 0.00	79.35 -4.35 0.00	83.62 -6.39 0.00	85.46 -6.14 0.00	107.06 -7.93 0.00	91.26 -6.55 0.00	90.67 -6.41 0.00	85.32 -6.22 0.00	82.91 -3.27 0.00	81.39 -2.26 0.00	80.46 -1.47 0.00
MILLIKEN___1 23584	78.05 1.40 -10.21	76.49 1.33 -8.79	74.82 1.33 -7.05	74.85 1.28 -6.29	81.17 1.56 -5.38	85.26 2.00 -6.24	97.62 2.79 -10.15	102.58 2.92 -13.82	98.34 2.86 -8.75	93.88 2.49 -5.57	90.67 2.43 -1.51	84.96 1.90 -0.63	84.58 2.14 0.00	85.11 2.16 0.00	86.14 2.43 0.00	92.86 2.61 -0.24	96.43 2.84 -1.99	120.88 4.25 -1.63	103.39 3.33 -2.25	102.66 3.11 -2.47	97.41 2.84 -3.02	90.52 2.15 -2.19	88.04 1.84 -2.56	86.62 1.72 -2.96
MILLIKEN___2 23585	78.05 1.40 -10.21	76.49 1.33 -8.79	74.82 1.33 -7.05	74.85 1.28 -6.29	81.17 1.56 -5.38	85.26 2.00 -6.24	97.62 2.79 -10.15	102.58 2.92 -13.82	98.34 2.86 -8.75	93.88 2.49 -5.57	90.67 2.43 -1.51	84.96 1.90 -0.63	84.58 2.14 0.00	85.11 2.16 0.00	86.14 2.43 0.00	92.86 2.61 -0.24	96.43 2.84 -1.99	120.88 4.25 -1.63	103.39 3.33 -2.25	102.66 3.11 -2.47	97.41 2.84 -3.02	90.52 2.15 -2.19	88.04 1.84 -2.56	86.62 1.72 -2.96
MILLIKEN___DIESEL 23629	78.05 1.40 -10.21	76.49 1.33 -8.79	74.82 1.33 -7.05	74.85 1.28 -6.29	81.17 1.56 -5.38	85.26 2.00 -6.24	97.62 2.79 -10.15	102.58 2.92 -13.82	98.34 2.86 -8.75	93.88 2.49 -5.57	90.67 2.43 -1.51	84.96 1.90 -0.63	84.58 2.14 0.00	85.11 2.16 0.00	86.14 2.43 0.00	92.86 2.61 -0.24	96.43 2.84 -1.99	120.88 4.25 -1.63	103.39 3.33 -2.25	102.66 3.11 -2.47	97.41 2.84 -3.02	90.52 2.15 -2.19	88.04 1.84 -2.56	86.62 1.72 -2.96
MILLSEAT___LFGE 323607	69.05 -4.65 -7.26	67.71 -4.91 -6.25	66.87 -4.58 -5.01	67.58 -4.17 -4.47	73.23 -4.82 -3.82	76.66 -4.54 -4.18	86.95 -4.82 -7.10	91.30 -4.38 -9.82	87.77 -4.94 -5.98	84.11 -5.67 -3.96	82.25 -5.55 -1.07	76.78 -6.10 -0.44	76.17 -6.27 0.00	76.24 -6.72 0.00	77.68 -6.03 0.00	84.06 -6.12 -0.17	86.41 -6.60 -1.40	108.09 -8.05 -1.15	92.45 -6.94 -1.58	91.65 -7.18 -1.76	87.20 -6.50 -2.15	81.45 -6.29 -1.55	78.77 -6.69 -1.82	78.47 -5.57 -2.10
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	117.56 4.85 -46.26	110.98 4.78 -39.83	103.23 4.85 -31.94	100.68 4.91 -28.48	103.95 5.34 -24.38	108.77 5.47 -26.28	136.25 6.52 -45.06	155.84 7.38 -62.61	132.22 7.81 -37.68	118.96 7.90 -25.25	101.46 7.89 -6.84	92.78 7.50 -2.84	90.10 7.67 0.00	90.59 7.63 0.00	91.58 7.87 0.00	102.19 8.46 -3.71	119.16 8.52 -19.04	154.92 10.81 -29.11	144.79 9.10 -37.88	117.30 9.03 -11.19	114.30 8.51 -14.24	103.67 7.58 -9.91	102.26 7.03 -11.59	101.81 6.47 -13.40
MILLWOOD_13_KV_LOAD 356217	117.69 4.98 -46.26	111.11 4.91 -39.83	103.36 4.98 -31.94	100.82 5.05 -28.48	104.10 5.49 -24.38	108.92 5.62 -26.28	136.42 6.69 -45.06	156.10 7.64 -62.61	132.39 7.98 -37.68	119.13 8.07 -25.25	101.72 8.15 -6.84	93.02 7.75 -2.84	90.27 7.83 0.00	90.75 7.80 0.00	91.74 8.04 0.00	102.46 8.73 -3.71	119.44 8.79 -19.04	155.38 11.27 -29.11	145.08 9.39 -37.88	117.49 9.22 -11.19	114.57 8.79 -14.24	103.85 7.76 -9.91	102.43 7.19 -11.59	101.97 6.64 -13.40
MODEL_CITY_ENERGY 24167	67.62 -6.44 -7.62	66.23 -6.70 -6.56	65.33 -6.38 -5.26	65.65 -6.33 -4.69	70.97 -7.27 -4.02	74.11 -7.32 -4.40	83.84 -8.29 -7.46	88.09 -8.07 -10.32	84.44 -8.59 -6.29	80.88 -9.10 -4.16	78.93 -8.93 -1.13	73.75 -9.15 -0.47	73.12 -9.32 0.00	73.25 -9.71 0.00	74.59 -9.12 0.00	80.47 -9.72 -0.18	82.63 -10.44 -1.47	103.33 -12.88 -1.21	88.32 -11.15 -1.66	87.76 -11.16 -1.84	83.64 -10.16 -2.26	78.16 -9.65 -1.63	75.77 -9.79 -1.91	75.79 -8.36 -2.21
MODERN_LFGE___ 323580	67.62 -6.44 -7.62	66.23 -6.70 -6.56	65.33 -6.38 -5.26	65.65 -6.33 -4.69	70.97 -7.27 -4.02	74.11 -7.32 -4.40	83.84 -8.29 -7.46	88.09 -8.07 -10.32	84.44 -8.59 -6.29	80.88 -9.10 -4.16	78.93 -8.93 -1.13	73.75 -9.15 -0.47	73.12 -9.32 0.00	73.25 -9.71 0.00	74.59 -9.12 0.00	80.47 -9.72 -0.18	82.63 -10.44 -1.47	103.33 -12.88 -1.21	88.32 -11.15 -1.66	87.76 -11.16 -1.84	83.64 -10.16 -2.26	78.16 -9.65 -1.63	75.77 -9.79 -1.91	75.79 -8.36 -2.21
MOHAWK_PAPER___DRP 24187	131.27 3.46 -61.37	122.72 3.52 -52.83	112.33 3.52 -42.36	108.57 3.50 -37.78	110.50 3.93 -32.33	146.21 4.16 -65.03	163.10 4.49 -73.94	173.36 4.46 -83.05	171.25 4.77 -79.75	124.03 4.72 -33.49	100.66 4.86 -9.07	90.73 4.53 -3.76	86.97 4.53 0.00	87.52 4.56 0.00	87.73 4.02 0.00	94.63 4.50 -0.12	103.03 4.67 -6.75	119.28 5.86 1.58	102.81 4.99 0.00	116.68 4.76 -14.84	113.84 4.39 -17.90	103.46 4.14 -13.14	103.37 4.35 -15.38	103.81 4.10 -17.77
MOHICAN___35_KV_115KV_LD 80490	134.74 5.51 -62.78	125.86 5.44 -54.04	115.09 5.32 -43.33	111.32 5.38 -38.65	113.39 6.09 -33.08	168.13 6.62 -84.49	176.29 7.54 -84.08	178.70 7.90 -84.96	194.01 7.98 -99.30	127.12 7.04 -34.26	103.04 7.03 -9.28	92.39 6.10 -3.85	88.46 6.02 0.00	89.09 6.14 0.00	90.15 6.45 0.00	97.63 7.47 -0.15	106.56 7.97 -6.99	124.28 10.69 1.41	107.53 8.80 -0.91	120.80 8.54 -15.18	117.64 7.78 -18.32	106.69 7.07 -13.45	106.07 6.69 -15.73	106.26 6.15 -18.18
MONGAUP___HYD 23641	113.46 4.52 -42.49	107.33 4.38 -36.58	100.23 4.45 -29.33	97.95 4.51 -26.16	101.67 5.05 -22.39	106.28 5.08 -24.18	131.91 5.84 -41.40	149.36 6.01 -57.50	127.63 6.25 -34.65	114.76 5.75 -23.19	99.17 6.16 -6.28	91.14 6.10 -2.60	88.45 6.01 0.00	89.09 6.14 0.00	90.07 6.36 0.00	99.98 6.75 -3.22	114.95 6.60 -16.75	148.76 8.63 -25.14	137.61 7.05 -32.75	114.35 6.99 -10.27	112.00 7.41 -13.04	101.75 6.47 -9.10	99.98 5.69 -10.65	99.41 5.17 -12.30
MONTAUK___DIESEL 23721	148.49 8.24 -73.81	114.67 8.23 -40.06	106.88 8.31 -32.12	104.28 8.34 -28.65	108.03 9.28 -24.52	112.77 9.32 -26.43	149.15 10.75 -53.72	179.71 12.19 -81.67	157.86 12.58 -58.55	139.90 11.76 -42.32	111.07 11.01 -13.33	105.21 10.55 -12.22	93.48 11.05 0.00	98.63 11.53 -4.15	108.55 12.14 -12.71	119.81 13.23 -16.57	142.31 14.20 -36.51	162.45 18.05 -29.40	155.55 14.67 -43.07	146.04 14.37 -34.59	132.05 13.82 -26.68	126.67 13.70 -26.79	109.33 13.38 -12.30	108.12 12.70 -13.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	72.36 -2.79 -8.70	71.21 -2.65 -7.49	69.93 -2.52 -6.01	70.02 -2.62 -5.36	75.99 -2.82 -4.58	79.55 -2.54 -5.07	90.76 -2.46 -8.54	94.70 -2.92 -11.78	90.92 -3.04 -7.22	87.05 -3.52 -4.75	84.72 -3.30 -1.29	79.18 -3.79 -0.53	80.71 -1.73 0.00	81.38 -1.58 0.00	82.45 -1.26 0.00	86.62 -3.60 -0.21	88.62 -4.67 -1.69	113.51 -2.87 -1.39	95.13 -4.60 -1.91	93.94 -5.24 -2.10	89.36 -4.76 -2.58	82.53 -5.52 -1.86	80.81 -5.02 -2.18	80.12 -4.34 -2.52

MORRIS_RIDGE___SOLAR 323848	72.89 -3.59 -10.04	71.23 -3.78 -8.64	69.92 -3.46 -6.93	70.10 -3.36 -6.18	75.81 -3.71 -5.29	79.69 -3.23 -5.91	91.16 -3.39 -9.87	96.17 -3.26 -13.58	91.47 -3.64 -8.38	86.92 -4.37 -5.48	83.97 -4.25 -1.48	78.44 -4.61 -0.62	78.07 -4.37 0.00	79.31 -3.65 0.00	80.70 -3.01 0.00	86.11 -4.14 -0.24	89.16 -4.40 -1.95	112.80 -3.79 -1.60	95.62 -4.40 -2.20	94.66 -4.85 -2.43	90.22 -4.30 -2.97	84.20 -4.14 -2.15	81.64 -4.52 -2.52	81.33 -3.52 -2.91
MORTIMER_115KV_TB3 55949	69.73 -2.92 -6.21	68.86 -2.85 -5.34	68.01 -2.72 -4.29	68.55 -2.56 -3.82	74.76 -2.75 -3.27	77.94 -2.62 -3.53	88.44 -2.29 -6.05	91.59 -2.66 -8.40	89.20 -2.60 -5.07	86.20 -3.00 -3.39	84.53 -3.12 -0.92	79.27 -3.54 -0.38	78.32 -4.12 0.00	78.89 -4.06 0.00	79.86 -3.85 0.00	86.55 -3.60 -0.15	89.23 -3.57 -1.20	110.56 -5.40 -0.97	95.04 -4.11 -1.34	94.51 -4.08 -1.50	89.90 -3.48 -1.84	83.20 -4.31 -1.33	81.19 -4.01 -1.56	79.97 -3.77 -1.80
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	118.43 5.45 -46.53	111.74 5.31 -40.06	103.95 5.38 -32.12	101.39 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.06 8.24 -62.98	133.30 8.67 -37.90	120.05 8.84 -25.39	102.54 8.93 -6.88	93.70 8.41 -2.85	91.01 8.57 0.00	91.50 8.54 0.00	92.50 8.79 0.00	103.21 9.45 -3.75	120.24 9.43 -19.20	156.35 11.96 -29.39	146.13 10.08 -38.24	118.33 10.00 -11.25	115.30 9.43 -14.33	104.59 8.45 -9.97	103.17 7.86 -11.66	102.79 7.37 -13.48
MUNSVILLE_WIND_PWR 323609	87.48 5.64 -15.39	85.12 5.51 -13.24	82.58 5.51 -10.62	82.41 5.65 -9.47	88.79 6.45 -8.11	95.89 7.78 -11.09	110.67 9.90 -16.09	117.40 10.73 -20.82	111.56 9.97 -14.86	103.83 9.61 -8.40	98.54 9.54 -2.27	91.05 7.67 -0.94	89.69 7.26 0.00	90.84 7.88 0.00	92.25 8.54 0.00	100.37 9.99 -0.37	105.78 11.17 -3.01	133.12 15.64 -2.49	114.13 12.81 -3.50	113.62 12.81 -3.72	107.73 11.63 -4.56	99.99 10.51 -3.30	96.87 9.37 -3.86	95.08 8.68 -4.46
N SALMON___HYD 24042	65.38 -1.07 0.00	65.44 -0.93 0.00	65.32 -1.13 0.00	66.14 -1.14 0.00	72.97 -1.26 0.00	75.10 -1.92 0.00	82.05 -2.63 0.00	82.93 -2.92 0.00	83.17 -3.56 0.00	82.73 -3.09 0.00	83.35 -3.38 0.00	79.97 -2.47 0.00	80.13 -2.31 0.00	80.96 -1.99 0.00	81.70 -2.01 0.00	87.04 -2.97 0.00	88.94 -2.66 0.00	111.43 -3.57 0.00	95.08 -2.74 0.00	94.36 -2.72 0.00	88.89 -2.66 0.00	84.20 -1.98 0.00	82.56 -1.09 0.00	81.69 -0.25 0.00
N.AKRON__115KV_KNAPP 355671	69.04 -4.72 -7.31	68.09 -4.58 -6.29	67.04 -4.45 -5.04	67.41 -4.37 -4.50	73.33 -4.75 -3.85	76.61 -4.62 -4.21	87.17 -4.66 -7.15	90.50 -5.24 -9.89	87.46 -5.29 -6.02	83.97 -5.84 -3.99	81.91 -5.90 -1.08	76.62 -6.27 -0.45	76.25 -6.18 0.00	76.90 -6.06 0.00	77.93 -5.78 0.00	83.79 -6.39 -0.17	86.14 -6.87 -1.41	107.64 -8.51 -1.15	92.07 -7.34 -1.59	91.28 -7.57 -1.77	86.93 -6.77 -2.17	79.99 -7.76 -1.57	78.45 -7.03 -1.83	77.66 -6.39 -2.12
N.BELMOR_69_KV_BK1 55787	147.03 6.78 -73.81	113.08 6.64 -40.07	105.28 6.71 -32.13	102.67 6.73 -28.65	106.18 7.42 -24.52	111.08 7.63 -26.43	147.29 8.89 -53.73	177.39 9.87 -81.67	155.60 10.32 -58.55	138.44 10.30 -42.32	110.12 10.06 -13.33	104.22 9.56 -12.22	92.25 9.81 0.00	96.81 9.71 -4.15	106.38 9.96 -12.71	117.56 10.98 -16.57	139.28 11.18 -36.51	158.54 14.14 -29.40	152.91 12.03 -43.07	143.61 11.94 -34.59	129.49 11.26 -26.68	123.14 10.17 -26.79	105.48 9.54 -12.30	104.27 8.85 -13.48
N.E_GEN_SANDY PD 24062	125.56 4.32 -54.80	117.80 4.25 -47.17	108.59 4.32 -37.83	105.46 4.44 -33.74	107.93 4.82 -28.87	123.71 5.08 -41.61	145.07 5.42 -54.97	165.76 5.75 -74.16	145.72 6.25 -52.74	121.91 6.18 -29.90	100.90 6.07 -8.10	91.65 5.85 -3.36	88.38 5.94 0.00	88.93 5.98 0.00	89.74 6.03 0.00	98.52 6.57 -1.94	111.48 6.78 -13.10	137.46 8.51 -13.95	124.00 7.24 -18.95	117.42 7.08 -13.25	114.78 6.87 -16.36	104.13 6.21 -11.74	103.23 5.85 -13.73	103.38 5.57 -15.87
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	115.74 4.45 -44.84	109.36 4.38 -38.60	101.78 4.39 -30.95	99.40 4.51 -27.61	102.76 4.90 -23.63	107.52 5.01 -25.49	134.28 5.93 -43.68	153.32 6.78 -60.69	130.47 7.20 -36.54	117.50 7.21 -24.47	100.64 7.29 -6.63	92.11 6.92 -2.75	89.53 7.09 0.00	90.01 7.05 0.00	90.99 7.28 0.00	101.37 7.83 -3.53	117.65 7.88 -18.17	152.61 10.00 -27.61	142.07 8.31 -35.94	116.18 8.25 -10.84	113.21 7.87 -13.79	102.77 6.98 -9.60	101.24 6.36 -11.24	100.83 5.90 -12.99
N.QUEENS_27_KV_LOAD 356247	118.76 5.78 -46.53	111.61 5.18 -40.06	103.88 5.32 -32.12	101.32 5.38 -28.65	104.54 5.79 -24.52	109.46 6.01 -26.43	137.02 7.03 -45.32	157.05 8.24 -62.97	133.39 8.76 -37.90	120.22 9.01 -25.39	102.62 9.02 -6.87	93.86 8.57 -2.84	91.25 8.82 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.38 9.63 -3.74	120.32 9.53 -19.20	156.68 12.30 -29.38	146.22 10.17 -38.23	118.42 10.10 -11.24	115.48 9.61 -14.32	104.67 8.53 -9.96	103.18 7.86 -11.67	102.95 7.54 -13.47
N.TROY___115KV_TB1 355778	132.00 3.92 -61.63	123.42 3.98 -53.06	112.91 3.92 -42.54	109.20 3.97 -37.95	111.16 4.45 -32.48	156.41 4.70 -74.69	168.50 5.17 -78.67	174.50 5.24 -83.41	181.63 5.55 -89.34	124.78 5.32 -33.63	101.05 5.20 -9.11	91.08 4.86 -3.78	87.30 4.86 0.00	87.85 4.89 0.00	88.56 4.86 0.00	95.80 5.49 -0.30	104.74 5.68 -7.46	121.40 7.13 0.73	105.29 6.06 -1.41	117.91 5.92 -14.90	115.13 5.58 -18.00	104.47 5.08 -13.20	104.11 5.02 -15.45	104.46 4.67 -17.85
NARROWS_GT1_1 24228	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT1_2 24229	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT1_3 24230	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT1_4 24231	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60

NARROWS_GT1_5 24232	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT1_6 24233	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT1_7 24234	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT1_8 24235	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_1 24236	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_2 24237	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_3 24238	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_4 24239	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_5 24240	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_6 24241	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_7 24242	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NARROWS_GT2_8 24243	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	127.76 4.19 -57.13	119.74 4.18 -49.18	110.07 4.19 -39.44	106.70 4.24 -35.18	109.16 4.82 -30.10	126.64 5.08 -44.53	151.58 5.59 -61.32	168.57 5.41 -77.32	150.64 5.46 -58.45	121.72 4.72 -31.18	99.43 4.25 -8.45	89.65 3.71 -3.50	86.15 3.71 0.00	86.77 3.82 0.00	86.89 3.18 0.00	95.94 5.22 -0.71	106.25 6.05 -8.60	127.17 8.28 -3.90	110.91 6.75 -6.34	116.24 5.34 -13.81	113.29 4.94 -16.80	102.73 4.31 -12.24	102.56 4.60 -14.32	102.91 4.42 -16.55
NCHELSEA_115KV_TR2 355582	118.49 5.58 -46.46	111.88 5.51 -40.00	104.10 5.58 -32.07	101.54 5.65 -28.61	104.95 6.24 -24.48	110.17 6.39 -26.76	137.55 7.45 -45.43	157.06 8.33 -62.88	133.61 8.67 -38.20	119.67 8.50 -25.36	101.75 8.15 -6.87	92.87 7.58 -2.85	90.10 7.67 0.00	90.59 7.63 0.00	91.66 7.95 0.00	102.44 8.82 -3.61	119.41 9.16 -18.65	155.06 11.84 -28.22	144.35 9.78 -36.75	118.03 9.71 -11.24	115.07 9.25 -14.28	104.15 8.01 -9.95	102.73 7.44 -11.64	102.28 6.88 -13.46
NEG CAPITAL___MECHNVIL 23645	133.67 4.85 -62.38	124.85 4.78 -53.70	114.22 4.72 -43.06	110.47 4.78 -38.41	112.45 5.35 -32.87	164.28 5.78 -81.48	173.49 6.43 -82.38	176.88 6.61 -84.42	189.82 6.85 -96.24	126.04 6.18 -34.04	102.20 6.25 -9.22	91.78 5.52 -3.82	87.96 5.52 0.00	88.60 5.64 0.00	89.48 5.77 0.00	96.85 6.66 -0.18	105.65 6.96 -7.09	123.07 9.20 1.13	106.60 7.63 -1.15	119.64 7.48 -15.08	116.62 6.87 -18.21	105.92 6.38 -13.36	105.22 5.94 -15.63	105.65 5.65 -18.06

NEG CENTRAL_HIGH_ACRES 23767	69.12 -3.39 -6.06	68.01 -3.59 -5.22	67.24 -3.39 -4.18	67.92 -3.09 -3.73	73.94 -3.49 -3.19	75.31 -3.16 -1.45	86.50 -3.13 -4.96	91.30 -2.75 -8.20	86.65 -3.04 -2.96	85.69 -3.44 -3.31	84.15 -3.47 -0.90	78.94 -3.87 -0.37	78.32 -4.12 0.00	78.14 -4.81 0.00	79.27 -4.44 0.00	86.28 -3.87 -0.14	88.83 -3.94 -1.17	110.31 -5.63 -0.94	94.72 -4.40 -1.30	94.18 -4.37 -1.47	89.40 -3.93 -1.79	83.52 -3.96 -1.30	80.81 -4.35 -1.52	79.76 -3.93 -1.75
NEG CENTRAL___DRP 24199	72.81 -0.53 -6.89	71.64 -0.66 -5.93	70.60 -0.60 -4.76	70.99 -0.54 -4.24	77.42 -0.45 -3.63	80.98 0.00 -3.96	91.75 0.34 -6.74	95.60 0.43 -9.33	92.83 0.43 -5.67	89.58 0.00 -3.76	87.66 -0.09 -1.02	82.45 -0.41 -0.42	82.27 -0.16 0.00	82.87 -0.08 0.00	83.87 0.17 0.00	90.08 -0.09 -0.16	92.93 0.00 -1.33	116.31 0.23 -1.08	99.50 0.20 -1.49	98.65 -0.10 -1.67	93.49 -0.09 -2.04	86.97 -0.69 -1.48	84.62 -0.75 -1.73	83.28 -0.66 -2.00
NEG CENTRAL___INDECK 23768	74.05 -1.13 -8.74	72.50 -1.40 -7.52	71.41 -1.07 -6.03	72.12 -0.54 -5.38	78.32 -0.52 -4.60	82.42 0.31 -5.09	94.34 1.10 -8.57	96.98 -0.69 -11.82	92.77 -1.21 -7.25	88.45 -2.14 -4.77	85.68 -2.34 -1.29	79.92 -3.05 -0.54	79.22 -3.22 0.00	79.63 -3.32 0.00	81.11 -2.60 0.00	87.97 -2.25 -0.21	91.28 -2.02 -1.69	113.96 -2.42 -1.38	97.57 -2.15 -1.90	96.67 -2.52 -2.11	94.86 0.73 -2.59	88.31 0.26 -1.87	85.25 -0.58 -2.19	84.47 0.00 -2.53
NEG CENTRAL___SENECA 23627	73.06 -0.86 -7.48	71.82 -1.00 -6.44	70.74 -0.86 -5.16	71.08 -0.81 -4.60	77.43 -0.74 -3.94	81.11 -0.23 -4.32	92.08 0.08 -7.32	96.05 0.09 -10.12	92.99 0.09 -6.17	89.47 -0.43 -4.08	87.32 -0.52 -1.11	82.07 -0.82 -0.46	82.03 -0.41 0.00	82.62 -0.33 0.00	83.71 0.00 0.00	89.56 -0.63 -0.18	92.59 -0.46 -1.45	115.83 -0.34 -1.17	99.14 -0.29 -1.62	98.31 -0.58 -1.81	93.21 -0.55 -2.22	86.58 -1.21 -1.60	84.35 -1.17 -1.87	83.04 -1.07 -2.17
NEG CENTRAL___STATE_STREET 24147	73.44 0.20 -6.80	72.36 0.13 -5.85	71.34 0.20 -4.69	71.67 0.20 -4.19	78.11 0.30 -3.58	81.73 0.77 -3.94	92.69 1.35 -6.66	96.51 1.46 -9.20	93.83 1.47 -5.62	90.73 1.20 -3.71	88.86 1.13 -1.00	83.60 0.74 -0.42	83.26 0.82 0.00	83.79 0.83 0.00	84.71 1.00 0.00	91.34 1.17 -0.16	94.20 1.28 -1.31	118.02 1.95 -1.06	100.85 1.57 -1.47	100.08 1.36 -1.64	94.84 1.28 -2.01	88.24 0.60 -1.46	85.77 0.42 -1.70	84.15 0.25 -1.97
NEG MILLWOOD___DRP 24198	119.05 5.65 -46.95	112.44 5.64 -40.42	104.57 5.71 -32.41	101.91 5.72 -28.91	105.28 6.31 -24.74	110.36 6.47 -26.87	138.29 7.79 -45.83	158.32 8.93 -63.55	134.27 9.11 -38.44	120.46 9.01 -25.62	102.43 8.76 -6.94	93.64 8.33 -2.88	90.76 8.33 0.00	91.17 8.21 0.00	92.33 8.62 0.00	103.19 9.45 -3.73	120.49 9.71 -19.17	156.78 12.53 -29.24	146.25 10.37 -38.07	118.63 10.19 -11.35	115.70 9.70 -14.45	104.77 8.53 -10.06	103.36 7.95 -11.77	102.75 7.21 -13.60
NEG NORTH_FLCN_SEA 23793	65.05 -1.40 0.00	65.05 -1.33 0.00	64.98 -1.46 0.00	65.94 -1.35 0.00	72.52 -1.71 0.00	74.86 -2.16 0.00	81.12 -3.56 0.00	82.93 -2.92 0.00	83.17 -3.56 0.00	82.56 -3.26 0.00	83.52 -3.21 0.00	79.96 -2.47 0.00	80.05 -2.39 0.00	80.80 -2.16 0.00	81.53 -2.18 0.00	87.31 -2.70 0.00	89.13 -2.47 0.00	111.55 -3.45 0.00	95.17 -2.64 0.00	94.56 -2.52 0.00	89.07 -2.47 0.00	84.72 -1.47 0.00	82.31 -1.34 0.00	82.19 0.25 0.00
NEG NORTH_KES_CHATEGAY 23792	64.39 -2.06 0.00	64.38 -1.99 0.00	64.32 -2.13 0.00	65.27 -2.02 0.00	71.78 -2.45 0.00	74.17 -2.85 0.00	80.86 -3.81 0.00	82.58 -3.26 0.00	82.83 -3.90 0.00	82.13 -3.69 0.00	83.00 -3.73 0.00	79.47 -2.97 0.00	79.55 -2.89 0.00	80.30 -2.65 0.00	81.03 -2.68 0.00	86.77 -3.24 0.00	88.49 -3.11 0.00	110.86 -4.14 0.00	94.59 -3.23 0.00	93.98 -3.11 0.00	88.52 -3.02 0.00	84.20 -1.98 0.00	81.89 -1.76 0.00	81.04 -0.90 0.00
NEG NORTH___ALICE_FALLS 23915	65.32 -1.13 0.00	65.31 -1.06 0.00	65.25 -1.20 0.00	66.14 -1.14 0.00	72.75 -1.48 0.00	75.10 -1.93 0.00	81.62 -3.05 0.00	83.53 -2.32 0.00	83.69 -3.04 0.00	83.07 -2.75 0.00	83.95 -2.78 0.00	80.38 -2.06 0.00	80.46 -1.98 0.00	81.21 -1.74 0.00	82.03 -1.67 0.00	87.76 -2.25 0.00	89.68 -1.92 0.00	112.35 -2.64 0.00	95.86 -1.96 0.00	95.14 -1.94 0.00	89.71 -1.83 0.00	85.32 -0.86 0.00	82.81 -0.84 0.00	82.35 0.41 0.00
NEG NORTH___LWR_SARANAC 23913	65.32 -1.13 0.00	65.31 -1.06 0.00	65.25 -1.20 0.00	66.14 -1.14 0.00	72.75 -1.48 0.00	75.10 -1.93 0.00	81.62 -3.05 0.00	83.53 -2.32 0.00	83.69 -3.04 0.00	83.07 -2.75 0.00	83.95 -2.78 0.00	80.38 -2.06 0.00	80.46 -1.98 0.00	81.21 -1.74 0.00	82.03 -1.67 0.00	87.76 -2.25 0.00	89.68 -1.92 0.00	112.35 -2.64 0.00	95.86 -1.96 0.00	95.14 -1.94 0.00	89.71 -1.83 0.00	85.32 -0.86 0.00	82.81 -0.84 0.00	82.35 0.41 0.00
NEG NORTH___PLATTSBURG 23628	65.32 -1.13 0.00	65.44 -0.93 0.00	65.25 -1.19 0.00	66.14 -1.14 0.00	72.97 -1.26 0.00	75.17 -1.85 0.00	81.71 -2.97 0.00	83.10 -2.75 0.00	83.52 -3.21 0.00	82.99 -2.83 0.00	83.87 -2.86 0.00	80.29 -2.14 0.00	80.54 -1.89 0.00	81.38 -1.58 0.00	82.11 -1.59 0.00	87.76 -2.25 0.00	89.67 -1.93 0.00	112.36 -2.64 0.00	95.86 -1.96 0.00	95.14 -1.94 0.00	89.71 -1.83 0.00	84.72 -1.47 0.00	82.81 -0.84 0.00	82.27 0.33 0.00
NEG WEST_LEA_LOCKPORT 23791	68.00 -5.98 -7.54	67.02 -5.84 -6.49	65.87 -5.78 -5.20	66.07 -5.85 -4.64	71.74 -6.46 -3.97	74.75 -6.62 -4.35	84.85 -7.20 -7.38	88.15 -7.90 -10.20	85.06 -7.89 -6.22	81.52 -8.41 -4.11	79.52 -8.33 -1.11	74.41 -8.49 -0.46	74.19 -8.24 0.00	74.83 -8.13 0.00	75.84 -7.87 0.00	81.19 -9.00 -0.18	83.35 -9.71 -1.46	104.34 -11.84 -1.19	89.09 -10.37 -1.64	88.42 -10.48 -1.82	84.26 -9.52 -2.23	77.63 -10.17 -1.61	76.33 -9.20 -1.89	75.76 -8.36 -2.18
NEG WEST___LANCASTER 23811	69.49 -5.78 -8.83	68.26 -5.71 -7.60	66.89 -5.65 -6.09	66.93 -5.79 -5.43	72.50 -6.38 -4.65	75.77 -6.39 -5.14	86.56 -6.77 -8.67	90.32 -7.47 -11.95	86.60 -7.46 -7.33	82.83 -7.81 -4.82	80.32 -7.72 -1.30	75.06 -7.91 -0.54	79.47 -2.97 0.00	80.14 -2.82 0.00	81.28 -2.43 0.00	82.57 -7.65 -0.21	84.43 -8.89 -1.71	112.26 -4.14 -1.41	91.73 -8.02 -1.94	89.70 -9.51 -2.13	85.37 -8.79 -2.62	78.76 -9.31 -1.89	77.24 -8.62 -2.21	76.71 -7.78 -2.56
NEG_PENN_ALLEGHNY 23528	82.82 0.33 -16.04	80.32 0.13 -13.81	77.79 0.27 -11.07	77.36 0.20 -9.88	82.98 0.30 -8.45	87.49 0.61 -9.86	101.58 0.93 -15.98	108.76 1.20 -21.71	101.66 1.12 -13.81	95.43 0.86 -8.75	90.06 0.96 -2.37	83.92 0.50 -0.98	83.02 0.58 0.00	83.95 1.00 0.00	84.96 1.26 0.00	91.30 0.90 -0.39	95.56 0.82 -3.13	119.66 2.07 -2.59	102.57 1.18 -3.58	101.93 0.97 -3.88	97.21 0.92 -4.75	90.30 0.69 -3.44	88.00 0.34 -4.02	87.08 0.49 -4.65
NEG___GEN_MONROE 24207	69.59 -3.12 -6.27	68.78 -2.99 -5.39	67.91 -2.86 -4.33	68.45 -2.69 -3.86	74.64 -2.89 -3.30	77.89 -2.70 -3.57	88.33 -2.46 -6.11	91.32 -3.00 -8.48	88.82 -3.04 -5.12	85.72 -3.52 -3.42	83.84 -3.82 -0.93	78.62 -4.20 -0.38	77.82 -4.62 0.00	78.39 -4.56 0.00	79.27 -4.44 0.00	85.84 -4.32 -0.15	88.32 -4.49 -1.21	109.65 -6.32 -0.98	94.27 -4.89 -1.35	93.65 -4.95 -1.52	88.91 -4.49 -1.86	82.18 -5.34 -1.34	80.45 -4.77 -1.57	79.41 -4.34 -1.81

NEPA__ENERGY 23901	70.73 -4.05 -8.34	69.64 -3.92 -7.18	68.35 -3.85 -5.76	68.45 -3.97 -5.13	74.32 -4.31 -4.39	77.63 -4.24 -4.84	88.36 -4.49 -8.18	92.07 -5.06 -11.29	88.61 -5.03 -6.91	84.79 -5.58 -4.55	82.50 -5.46 -1.23	77.18 -5.77 -0.51	78.15 -4.29 0.00	78.81 -4.15 0.00	79.86 -3.85 0.00	84.36 -5.85 -0.20	86.53 -6.69 -1.62	110.11 -6.21 -1.33	92.89 -6.75 -1.83	91.82 -7.28 -2.02	87.42 -6.59 -2.47	80.64 -7.33 -1.79	79.13 -6.61 -2.09	78.45 -5.90 -2.42
NEVERSINK__HYD 23608	114.49 5.78 -42.27	108.34 5.58 -36.39	101.34 5.72 -29.18	99.10 5.79 -26.02	102.96 6.45 -22.27	108.80 6.70 -25.08	134.13 7.78 -41.67	151.98 8.93 -57.20	131.40 9.19 -35.48	117.38 8.50 -23.07	100.79 7.81 -6.25	92.12 7.09 -2.59	89.36 6.93 0.00	90.00 7.05 0.00	90.91 7.20 0.00	101.10 8.28 -2.82	115.85 9.07 -15.18	148.66 11.85 -21.82	136.05 9.69 -28.55	117.10 9.80 -10.22	113.68 9.24 -12.90	103.33 8.10 -9.05	101.51 7.27 -10.59	100.81 6.63 -12.24
NEWKRMKL_115KV_TB1 55635	130.42 2.79 -61.19	121.97 2.92 -52.68	111.54 2.86 -42.24	107.85 2.89 -37.67	109.74 3.27 -32.24	140.60 3.39 -60.19	159.85 3.64 -71.54	172.09 3.43 -82.81	165.30 3.64 -74.93	122.99 3.78 -33.39	100.03 4.25 -9.05	90.14 3.96 -3.75	86.48 4.04 0.00	87.02 4.06 0.00	86.72 3.01 0.00	93.48 3.42 -0.05	101.54 3.48 -6.45	117.82 4.71 1.89	101.31 4.01 0.52	115.57 3.69 -14.80	112.77 3.39 -17.84	102.56 3.27 -13.11	102.66 3.68 -15.33	103.10 3.44 -17.72
NEWTON__FALLS_HYD 23847	66.40 -1.33 -1.28	66.15 -1.33 -1.10	65.93 -1.40 -0.88	66.66 -1.41 -0.79	73.49 -1.41 -0.67	76.02 -1.31 -0.31	84.53 -1.19 -1.05	86.21 -1.37 -1.73	85.01 -2.34 -0.62	84.20 -2.32 -0.70	84.14 -2.78 -0.19	80.21 -2.31 -0.08	79.96 -2.47 0.00	80.55 -2.41 0.00	81.36 -2.34 0.00	86.78 -3.24 -0.01	88.83 -2.93 -0.15	111.32 -3.68 0.00	94.79 -3.03 0.00	94.48 -2.91 -0.31	88.90 -3.02 -0.37	84.90 -1.55 -0.27	82.96 -1.00 -0.32	81.49 -0.82 -0.37
NGRID_A1_DSASP 323792	68.20 -5.91 -7.67	66.80 -6.17 -6.60	65.89 -5.85 -5.29	66.15 -5.85 -4.72	71.52 -6.75 -4.04	74.60 -6.86 -4.43	84.31 -7.87 -7.51	88.41 -7.81 -10.38	84.82 -8.24 -6.33	81.25 -8.75 -4.18	79.37 -8.50 -1.13	74.09 -8.82 -0.47	73.37 -9.07 0.00	73.25 -9.71 0.00	74.67 -9.04 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.44 -12.77 -1.21	88.54 -10.95 -1.67	88.06 -10.87 -1.85	84.02 -9.79 -2.27	78.51 -9.31 -1.64	76.20 -9.37 -1.92	76.37 -7.79 -2.22
NGRID_A2_DSASP 323793	68.20 -5.91 -7.67	66.80 -6.17 -6.60	65.89 -5.85 -5.29	66.15 -5.85 -4.72	71.52 -6.75 -4.04	74.60 -6.86 -4.43	84.31 -7.87 -7.51	88.41 -7.81 -10.38	84.82 -8.24 -6.33	81.25 -8.75 -4.18	79.37 -8.50 -1.13	74.09 -8.82 -0.47	73.37 -9.07 0.00	73.25 -9.71 0.00	74.67 -9.04 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.44 -12.77 -1.21	88.54 -10.95 -1.67	88.06 -10.87 -1.85	84.02 -9.79 -2.27	78.51 -9.31 -1.64	76.20 -9.37 -1.92	76.37 -7.79 -2.22
NGRID_A4_DSASP 323807	68.20 -5.91 -7.67	66.80 -6.17 -6.60	65.89 -5.85 -5.29	66.15 -5.85 -4.72	71.52 -6.75 -4.04	74.60 -6.86 -4.43	84.31 -7.87 -7.51	88.41 -7.81 -10.38	84.82 -8.24 -6.33	81.25 -8.75 -4.18	79.37 -8.50 -1.13	74.09 -8.82 -0.47	73.37 -9.07 0.00	73.25 -9.71 0.00	74.67 -9.04 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.44 -12.77 -1.21	88.54 -10.95 -1.67	88.06 -10.87 -1.85	84.02 -9.79 -2.27	78.51 -9.31 -1.64	76.20 -9.37 -1.92	76.37 -7.79 -2.22
NIAGARA_115E_LBMP 323715	67.30 -6.84 -7.69	65.96 -7.04 -6.62	65.05 -6.71 -5.31	65.29 -6.73 -4.74	70.56 -7.72 -4.05	73.69 -7.78 -4.45	83.40 -8.81 -7.53	87.59 -8.67 -10.41	83.89 -9.20 -6.35	80.32 -9.70 -4.20	78.42 -9.45 -1.14	73.26 -9.65 -0.47	72.63 -9.81 0.00	72.67 -10.29 0.00	74.08 -9.62 0.00	79.93 -10.26 -0.18	82.10 -10.99 -1.49	102.53 -13.69 -1.22	87.65 -11.84 -1.68	87.09 -11.85 -1.86	83.02 -10.80 -2.28	77.57 -10.26 -1.65	75.28 -10.29 -1.93	75.32 -8.85 -2.23
NIAGARA_115W_LBMP 323714	68.06 -6.05 -7.66	66.72 -6.24 -6.59	65.82 -5.91 -5.29	66.01 -5.99 -4.71	71.44 -6.83 -4.03	74.51 -6.93 -4.42	84.13 -8.05 -7.50	88.31 -7.90 -10.36	84.64 -8.41 -6.32	81.16 -8.84 -4.18	79.27 -8.59 -1.13	74.00 -8.90 -0.47	73.28 -9.15 0.00	73.17 -9.79 0.00	74.59 -9.12 0.00	80.65 -9.54 -0.18	82.91 -10.17 -1.48	103.33 -12.88 -1.21	88.43 -11.05 -1.67	87.96 -10.97 -1.85	83.84 -9.98 -2.27	78.43 -9.39 -1.64	76.11 -9.45 -1.92	76.21 -7.95 -2.22
NIAGARA_230_LBMP 323716	68.16 -5.85 -7.56	66.78 -6.11 -6.51	65.95 -5.71 -5.22	66.15 -5.79 -4.66	71.61 -6.61 -3.98	74.68 -6.70 -4.37	84.46 -7.62 -7.40	88.52 -7.56 -10.23	84.99 -7.98 -6.24	81.54 -8.41 -4.13	79.61 -8.24 -1.12	74.33 -8.58 -0.46	73.62 -8.82 0.00	73.67 -9.29 0.00	75.00 -8.71 0.00	81.01 -9.18 -0.18	83.35 -9.71 -1.46	104.00 -12.19 -1.20	89.00 -10.46 -1.65	88.42 -10.49 -1.83	84.36 -9.43 -2.24	78.75 -9.05 -1.62	76.42 -9.11 -1.89	76.51 -7.62 -2.19
NIAGARA__115KV_198_GIBSON 55903	68.06 -6.05 -7.66	67.19 -5.77 -6.59	65.95 -5.78 -5.29	66.01 -5.99 -4.71	71.66 -6.61 -4.03	74.59 -6.85 -4.42	84.55 -7.62 -7.50	87.80 -8.41 -10.36	84.64 -8.41 -6.32	81.25 -8.75 -4.18	79.10 -8.76 -1.13	74.00 -8.90 -0.47	73.45 -8.99 0.00	74.08 -8.88 0.00	75.09 -8.62 0.00	80.65 -9.54 -0.18	82.92 -10.17 -1.48	103.33 -12.88 -1.21	88.43 -11.05 -1.67	87.96 -10.97 -1.85	83.83 -9.98 -2.27	77.13 -10.69 -1.64	76.03 -9.54 -1.92	75.55 -8.60 -2.22
NIAGARA____ 23760	68.24 -5.85 -7.65	66.85 -6.11 -6.58	66.01 -5.71 -5.28	66.21 -5.79 -4.71	71.65 -6.61 -4.03	74.73 -6.70 -4.42	84.52 -7.62 -7.47	88.60 -7.56 -10.31	85.04 -7.98 -6.29	81.57 -8.41 -4.15	79.61 -8.24 -1.12	74.33 -8.58 -0.47	73.62 -8.82 0.00	73.67 -9.29 0.00	75.00 -8.71 0.00	81.01 -9.18 -0.18	83.36 -9.71 -1.47	104.01 -12.19 -1.20	89.01 -10.46 -1.66	88.44 -10.49 -1.84	84.37 -9.43 -2.26	78.76 -9.05 -1.63	76.44 -9.11 -1.91	76.53 -7.62 -2.21
NINE_MILE_1 23575	66.73 -2.46 -2.74	66.14 -2.59 -2.36	65.81 -2.52 -1.89	66.48 -2.49 -1.69	72.93 -2.75 -1.44	74.98 -2.70 -0.66	84.12 -2.79 -2.24	86.80 -2.75 -3.71	85.29 -2.78 -1.34	84.40 -2.92 -1.49	84.27 -2.86 -0.40	79.64 -2.96 -0.17	79.47 -2.96 0.00	79.89 -3.07 0.00	80.70 -3.01 0.00	86.96 -3.06 -0.01	88.82 -3.11 -0.33	110.97 -4.03 0.00	94.50 -3.33 -0.01	94.44 -3.30 -0.66	89.23 -3.11 -0.80	83.75 -3.02 -0.59	81.24 -3.09 -0.69	79.79 -2.95 -0.79
NINE_MILE_2 23744	66.71 -2.46 -2.73	66.13 -2.59 -2.35	65.80 -2.52 -1.88	66.47 -2.49 -1.68	72.92 -2.75 -1.44	74.98 -2.70 -0.65	84.11 -2.79 -2.23	86.79 -2.75 -3.69	85.28 -2.78 -1.33	84.39 -2.92 -1.49	84.27 -2.86 -0.40	79.64 -2.96 -0.17	79.47 -2.96 0.00	79.89 -3.07 0.00	80.70 -3.01 0.00	86.96 -3.06 -0.01	88.82 -3.11 -0.33	110.97 -4.03 0.00	94.50 -3.33 -0.01	94.44 -3.30 -0.66	89.23 -3.11 -0.80	83.75 -3.02 -0.58	81.23 -3.09 -0.68	79.78 -2.95 -0.79
NM_CAPITAL__DRP 24208	130.40 2.92 -61.03	121.90 2.99 -52.54	111.56 2.99 -42.13	107.89 3.03 -37.58	109.73 3.34 -32.16	139.55 3.54 -58.99	159.35 3.81 -70.87	172.05 3.61 -82.60	164.34 3.90 -73.70	123.07 3.95 -33.31	100.09 4.34 -9.02	90.22 4.04 -3.74	86.56 4.12 0.00	87.10 4.15 0.00	86.97 3.26 0.00	93.77 3.69 -0.07	101.87 3.76 -6.51	118.30 4.94 1.64	101.80 4.21 0.22	115.82 3.98 -14.76	113.01 3.66 -17.80	102.79 3.53 -13.07	102.79 3.85 -15.29	103.30 3.69 -17.67

NM_CENTRAL___DRP 24181	70.23 -0.86 -4.65	69.51 -0.86 -4.00	68.79 -0.86 -3.21	69.27 -0.87 -2.86	75.79 -0.89 -2.45	77.44 -0.69 -1.12	88.06 -0.42 -3.81	91.80 -0.34 -6.29	88.65 -0.35 -2.27	87.93 -0.43 -2.54	86.98 -0.43 -0.69	81.98 -0.74 -0.29	81.70 -0.74 0.00	82.29 -0.66 0.00	83.12 -0.59 0.00	89.58 -0.54 -0.11	91.94 -0.55 -0.89	115.13 -0.57 -0.71	98.15 -0.59 -0.92	97.53 -0.68 -1.12	92.28 -0.64 -1.38	86.14 -1.03 -1.00	83.81 -1.00 -1.17	82.22 -1.07 -1.35
NM_FRONTIER___DRP 24179	68.06 -6.05 -7.66	67.19 -5.77 -6.59	65.95 -5.78 -5.29	66.01 -5.99 -4.71	71.66 -6.61 -4.03	74.59 -6.85 -4.42	84.55 -7.62 -7.50	87.80 -8.41 -10.36	84.64 -8.41 -6.32	81.25 -8.75 -4.18	79.10 -8.76 -1.13	74.00 -8.90 -0.47	73.45 -8.99 0.00	74.08 -8.88 0.00	75.09 -8.62 0.00	80.65 -9.54 -0.18	82.92 -10.17 -1.48	103.33 -12.88 -1.21	88.43 -11.05 -1.67	87.96 -10.97 -1.85	83.83 -9.98 -2.27	77.13 -10.69 -1.64	76.03 -9.54 -1.92	75.55 -8.60 -2.22
NM_ST_REGIS___HYD 24053	65.05 -1.40 0.00	64.98 -1.39 0.00	64.98 -1.46 0.00	65.80 -1.48 0.00	72.45 -1.78 0.00	74.71 -2.31 0.00	81.45 -3.22 0.00	82.24 -3.61 0.00	81.79 -4.94 0.00	81.27 -4.55 0.00	81.61 -5.12 0.00	78.56 -3.87 0.00	78.48 -3.96 0.00	79.14 -3.82 0.00	79.86 -3.85 0.00	84.43 -5.58 0.00	86.29 -5.31 0.00	108.10 -6.90 0.00	92.24 -5.58 0.00	91.55 -5.53 0.00	86.23 -5.31 0.00	83.42 -2.76 0.00	81.64 -2.01 0.00	80.79 -1.15 0.00
NORTHPORT___1 23551	147.63 7.37 -73.81	113.80 7.37 -40.06	105.94 7.37 -32.12	103.34 7.40 -28.65	106.92 8.17 -24.52	111.85 8.40 -26.43	148.13 9.73 -53.72	178.51 10.99 -81.67	156.82 11.54 -58.55	139.29 11.15 -42.32	111.07 11.02 -13.33	105.04 10.39 -12.22	92.99 10.55 0.00	97.64 10.54 -4.15	107.22 10.80 -12.71	118.27 11.70 -16.57	140.29 12.18 -36.51	159.45 15.06 -29.40	153.89 13.01 -43.07	144.38 12.71 -34.59	130.31 12.08 -26.68	124.16 11.20 -26.79	106.40 10.45 -12.30	105.08 9.66 -13.48
NORTHPORT___2 23552	147.63 7.37 -73.81	113.80 7.37 -40.06	105.94 7.37 -32.12	103.34 7.40 -28.65	106.92 8.17 -24.52	111.85 8.40 -26.43	148.13 9.73 -53.72	178.51 10.99 -81.67	156.82 11.54 -58.55	139.29 11.15 -42.32	111.07 11.02 -13.33	105.04 10.39 -12.22	92.99 10.55 0.00	97.64 10.54 -4.15	107.22 10.80 -12.71	118.27 11.70 -16.57	140.29 12.18 -36.51	159.45 15.06 -29.40	153.89 13.01 -43.07	144.38 12.71 -34.59	130.31 12.08 -26.68	124.16 11.20 -26.79	106.40 10.45 -12.30	105.08 9.66 -13.48
NORTHPORT___3 23553	146.10 5.85 -73.81	112.41 5.98 -40.06	104.62 6.05 -32.12	102.00 6.06 -28.65	105.44 6.68 -24.52	110.31 6.85 -26.43	146.10 7.70 -53.72	175.76 8.24 -81.67	154.13 8.85 -58.55	137.75 9.61 -42.32	109.43 9.37 -13.33	103.56 8.91 -12.22	91.42 8.99 0.00	96.14 9.04 -4.15	105.62 9.21 -12.71	116.65 10.08 -16.57	138.46 10.35 -36.51	156.13 11.74 -29.40	151.15 10.27 -43.07	142.54 10.87 -34.59	128.66 10.43 -26.68	122.53 9.57 -26.79	104.72 8.78 -12.30	103.45 8.03 -13.48
NORTHPORT___4 23650	146.10 5.85 -73.81	112.41 5.98 -40.06	104.62 6.05 -32.12	102.00 6.06 -28.65	105.44 6.68 -24.52	110.31 6.85 -26.43	146.10 7.70 -53.72	175.76 8.24 -81.67	154.13 8.85 -58.55	137.75 9.61 -42.32	109.43 9.37 -13.33	103.56 8.91 -12.22	91.42 8.99 0.00	96.14 9.04 -4.15	105.62 9.21 -12.71	116.65 10.08 -16.57	138.46 10.35 -36.51	156.13 11.74 -29.40	151.15 10.27 -43.07	142.54 10.87 -34.59	128.66 10.43 -26.68	122.53 9.57 -26.79	104.72 8.78 -12.30	103.45 8.03 -13.48
NORTHPORT___IC 23718	147.63 7.38 -73.81	113.80 7.37 -40.06	105.95 7.38 -32.12	103.34 7.40 -28.65	106.99 8.24 -24.52	111.85 8.40 -26.43	148.05 9.65 -53.72	178.25 10.73 -81.67	156.47 11.19 -58.55	139.21 11.07 -42.32	110.90 10.84 -13.33	104.96 10.30 -12.22	92.99 10.55 0.00	97.55 10.45 -4.15	107.13 10.71 -12.71	118.28 11.70 -16.57	140.29 12.18 -36.51	159.57 15.18 -29.40	153.89 13.01 -43.07	144.39 12.72 -34.59	130.31 12.08 -26.68	124.00 11.03 -26.79	106.40 10.46 -12.30	105.17 9.75 -13.48
NORTH___COUNTRY_ESR 323785	64.19 -2.26 0.00	64.32 -2.06 0.00	64.19 -2.26 0.00	65.00 -2.29 0.00	71.71 -2.52 0.00	74.02 -3.01 0.00	80.78 -3.89 0.00	81.81 -4.03 0.00	82.31 -4.42 0.00	81.79 -4.03 0.00	82.66 -4.07 0.00	79.31 -3.13 0.00	79.47 -2.96 0.00	80.22 -2.74 0.00	80.95 -2.76 0.00	86.50 -3.51 0.00	88.21 -3.39 0.00	110.51 -4.49 0.00	94.20 -3.62 0.00	93.59 -3.49 0.00	88.25 -3.29 0.00	83.42 -2.76 0.00	81.64 -2.01 0.00	80.71 -1.23 0.00
NPX_GEN_1385_PROXY 323591	147.63 7.37 -73.81	113.80 7.37 -40.06	105.94 7.37 -32.12	103.34 7.40 -28.65	106.92 8.17 -24.52	114.11 8.40 -28.69	145.87 9.73 -51.46	178.51 10.99 -81.67	156.82 11.54 -58.55	139.29 11.15 -42.32	111.07 11.02 -13.33	105.04 10.39 -12.22	92.99 10.55 0.00	97.64 10.54 -4.15	107.22 10.80 -12.71	118.27 11.70 -16.57	140.29 12.18 -36.51	159.00 14.61 -29.40	153.79 12.91 -43.07	144.00 12.33 -34.59	129.95 11.72 -26.68	124.00 11.03 -26.79	106.31 10.37 -12.30	105.24 9.83 -13.48
NPX_GEN_CSC 323557	148.15 7.90 -73.81	114.53 8.09 -40.06	106.67 8.10 -32.12	104.08 8.14 -28.65	107.80 9.05 -24.52	114.87 9.16 -28.69	146.46 10.33 -51.46	179.28 11.76 -81.67	157.59 12.31 -58.55	139.38 11.24 -42.32	111.25 11.19 -13.33	105.45 10.80 -12.22	93.40 10.97 0.00	98.05 10.95 -4.15	107.55 11.13 -12.71	118.10 11.52 -16.57	140.47 12.36 -36.51	159.91 15.52 -29.40	154.18 13.30 -43.07	144.68 13.01 -34.59	130.50 12.27 -26.68	124.94 11.98 -26.79	107.16 11.21 -12.30	105.74 10.32 -13.48
NSINS_S___GLNS_FALLS 23858	134.72 5.45 -62.82	125.90 5.44 -54.08	115.13 5.32 -43.36	111.35 5.38 -38.68	113.34 6.01 -33.10	168.40 6.55 -84.83	176.48 7.54 -84.27	178.68 7.81 -85.02	194.36 7.98 -99.65	127.05 6.95 -34.28	103.04 7.03 -9.29	92.31 6.02 -3.85	88.46 6.02 0.00	89.09 6.14 0.00	90.15 6.45 0.00	97.62 7.47 -0.14	106.55 7.97 -6.98	124.13 10.58 1.44	107.40 8.71 -0.88	120.72 8.45 -15.19	117.66 7.78 -18.33	106.62 6.98 -13.46	106.00 6.61 -15.74	106.20 6.06 -18.19
NUCOR_STEEL___DRP 24197	73.41 0.40 -6.56	72.36 0.33 -5.65	71.31 0.33 -4.53	71.66 0.34 -4.04	78.21 0.52 -3.46	81.66 0.85 -3.79	92.45 1.35 -6.43	96.19 1.46 -8.88	93.62 1.47 -5.41	90.60 1.20 -3.58	88.83 1.13 -0.97	83.58 0.74 -0.40	83.26 0.82 0.00	83.79 0.83 0.00	84.71 1.00 0.00	91.33 1.17 -0.15	94.15 1.28 -1.27	117.98 1.95 -1.03	100.79 1.57 -1.41	100.03 1.36 -1.59	94.77 1.28 -1.94	88.19 0.60 -1.41	85.79 0.50 -1.64	84.25 0.41 -1.90
NUMBER_THREE_WT_PWR 323818	67.99 -0.20 -1.75	67.61 -0.26 -1.50	67.39 -0.26 -1.21	68.03 -0.33 -1.08	75.30 0.15 -0.92	78.29 0.85 -0.42	88.39 2.29 -1.43	90.53 2.32 -2.36	89.41 1.82 -0.85	88.40 1.63 -0.95	88.29 1.30 -0.26	83.54 0.99 -0.11	83.26 0.82 0.00	83.87 0.91 0.00	84.79 1.09 0.00	91.37 1.35 -0.01	93.55 1.74 -0.21	117.30 2.30 0.00	99.68 1.85 -0.01	99.45 1.94 -0.42	93.51 1.46 -0.51	88.02 1.46 -0.37	85.75 1.67 -0.44	83.84 1.39 -0.51
NYISO_LBMP_REFERENCE 24008	66.45 0.00 0.00	66.37 0.00 0.00	66.45 0.00 0.00	67.28 0.00 0.00	74.23 0.00 0.00	77.02 0.00 0.00	84.67 0.00 0.00	85.85 0.00 0.00	86.73 0.00 0.00	85.82 0.00 0.00	86.73 0.00 0.00	82.44 0.00 0.00	82.44 0.00 0.00	82.96 0.00 0.00	83.71 0.00 0.00	90.01 0.00 0.00	91.60 0.00 0.00	115.00 0.00 0.00	97.82 0.00 0.00	97.08 0.00 0.00	91.54 0.00 0.00	86.18 0.00 0.00	83.64 0.00 0.00	81.94 0.00 0.00

NYPA_BRENTWD____GT 24164	148.35 8.10 -73.81	114.40 7.96 -40.06	106.61 8.04 -32.12	104.01 8.07 -28.65	107.66 8.90 -24.52	112.62 9.16 -26.43	149.06 10.67 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	140.15 12.01 -42.32	111.85 11.79 -13.33	105.78 11.12 -12.22	93.65 11.21 0.00	98.38 11.28 -4.15	108.04 11.63 -12.71	119.18 12.60 -16.57	141.30 13.19 -36.51	160.96 16.56 -29.40	155.16 14.28 -43.07	145.65 13.98 -34.59	131.41 13.19 -26.68	125.20 12.23 -26.79	107.23 11.29 -12.30	105.91 10.49 -13.48
NYPA_GOWANUS____GT5 24156	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NYPA_GOWANUS____GT6 24157	118.89 5.91 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.13 6.38 -24.52	110.15 6.70 -26.43	137.70 7.70 -45.32	158.19 9.36 -62.98	134.60 9.97 -37.90	126.73 9.95 -30.96	112.04 9.97 -15.34	114.52 9.39 -22.69	117.19 9.48 -25.28	106.91 9.54 -14.42	102.03 9.71 -8.61	104.11 10.35 -3.76	130.41 10.44 -28.37	165.10 13.33 -36.77	152.58 11.24 -43.52	122.58 11.16 -14.34	116.40 10.52 -14.34	105.72 9.57 -9.97	104.01 8.70 -11.67	138.66 8.11 -48.60
NYPA_HARLEM__RVR__GT1 24160	118.69 5.72 -46.53	111.54 5.11 -40.05	103.81 5.25 -32.11	101.24 5.31 -28.64	104.46 5.72 -24.51	109.45 6.01 -26.42	137.01 7.02 -45.31	157.31 8.50 -62.97	133.72 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.87	93.85 8.57 -2.84	91.16 8.73 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.20 9.45 -3.74	120.23 9.44 -19.20	156.45 12.07 -29.38	146.12 10.08 -38.23	118.33 10.00 -11.24	115.29 9.43 -14.32	104.76 8.62 -9.96	103.09 7.78 -11.67	102.70 7.29 -13.47
NYPA_HARLEM__RVR__GT2 24161	118.69 5.72 -46.53	111.54 5.11 -40.05	103.81 5.25 -32.11	101.24 5.31 -28.64	104.46 5.72 -24.51	109.45 6.01 -26.42	137.01 7.02 -45.31	157.31 8.50 -62.97	133.72 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.87	93.85 8.57 -2.84	91.16 8.73 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.20 9.45 -3.74	120.23 9.44 -19.20	156.45 12.07 -29.38	146.12 10.08 -38.23	118.33 10.00 -11.24	115.29 9.43 -14.32	104.76 8.62 -9.96	103.09 7.78 -11.67	102.70 7.29 -13.47
NYPA_KENT____GT 24152	118.89 5.91 -46.53	112.01 5.58 -40.06	104.34 5.78 -32.12	101.78 5.85 -28.65	105.05 6.31 -24.52	110.08 6.62 -26.43	137.70 7.70 -45.32	158.10 9.27 -62.98	134.42 9.78 -37.90	126.94 9.80 -31.34	110.64 9.80 -14.12	112.76 9.31 -21.00	114.39 9.31 -22.64	103.64 9.37 -11.31	98.87 9.62 -5.54	103.94 10.17 -3.76	130.86 10.26 -29.00	165.38 13.10 -37.28	152.65 10.95 -43.89	122.50 10.87 -14.55	116.22 10.34 -14.34	105.55 9.40 -9.98	103.85 8.54 -11.67	124.10 7.95 -34.21
NYPA_POUCH1____GT 24155	118.62 5.64 -46.53	111.74 5.31 -40.06	104.28 5.72 -32.12	101.72 5.79 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.36 7.36 -45.32	157.84 9.01 -62.98	134.17 9.54 -37.90	126.30 9.52 -30.96	111.70 9.63 -15.34	114.19 9.07 -22.69	116.78 9.07 -25.28	106.50 9.13 -14.42	101.61 9.29 -8.61	103.67 9.90 -3.76	129.96 9.99 -28.37	164.65 12.88 -36.77	152.19 10.86 -43.52	122.19 10.77 -14.34	116.04 10.16 -14.34	105.38 9.23 -9.97	103.76 8.44 -11.67	138.41 7.87 -48.60
NYPA_VERNON____GT2 24162	118.83 5.85 -46.53	111.94 5.51 -40.06	104.28 5.72 -32.12	101.72 5.79 -28.65	104.98 6.24 -24.52	109.99 6.54 -26.43	137.62 7.62 -45.32	157.93 9.10 -62.98	134.34 9.71 -37.90	127.15 9.61 -31.72	109.33 9.71 -12.89	110.91 9.15 -19.32	111.60 9.15 -20.01	100.45 9.29 -8.20	95.64 9.46 -2.47	103.85 10.08 -3.76	131.31 10.08 -29.63	165.55 12.76 -37.79	152.83 10.76 -44.25	122.52 10.68 -14.76	115.95 10.07 -14.34	105.38 9.23 -9.98	103.68 8.36 -11.67	109.55 7.79 -19.82
NYPA_VERNON____GT3 24163	118.83 5.85 -46.53	111.94 5.51 -40.06	104.28 5.72 -32.12	101.72 5.79 -28.65	104.98 6.24 -24.52	109.99 6.54 -26.43	137.62 7.62 -45.32	157.93 9.10 -62.98	134.34 9.71 -37.90	127.15 9.61 -31.72	109.33 9.71 -12.89	110.91 9.15 -19.32	111.60 9.15 -20.01	100.45 9.29 -8.20	95.64 9.46 -2.47	103.85 10.08 -3.76	131.31 10.08 -29.63	165.55 12.76 -37.79	152.83 10.76 -44.25	122.52 10.68 -14.76	115.95 10.07 -14.34	105.38 9.23 -9.98	103.68 8.36 -11.67	109.55 7.79 -19.82
NYPA__ASTORIA_CC1 323568	118.83 5.85 -46.53	111.94 5.51 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.53 7.53 -45.32	157.93 9.10 -62.98	134.25 9.63 -37.90	126.30 9.52 -30.95	108.05 9.63 -11.69	108.05 9.07 -16.54	108.05 9.15 -16.46	98.32 9.21 -6.15	94.31 9.37 -1.23	103.76 9.99 -3.76	129.96 9.99 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.29 9.13 -9.97	103.68 8.36 -11.67	104.38 7.70 -14.74
NYPA__ASTORIA_CC2 323569	118.83 5.85 -46.53	111.94 5.51 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.53 7.53 -45.32	157.93 9.10 -62.98	134.25 9.63 -37.90	126.30 9.52 -30.95	108.05 9.63 -11.69	108.05 9.07 -16.54	108.05 9.15 -16.46	98.32 9.21 -6.15	94.31 9.37 -1.23	103.76 9.99 -3.76	129.96 9.99 -28.37	164.42 12.65 -36.77	152.00 10.66 -43.52	122.00 10.58 -14.33	115.95 10.07 -14.34	105.29 9.13 -9.97	103.68 8.36 -11.67	104.38 7.70 -14.74
NYPA__HOLTSVILL 23794	147.96 7.70 -73.81	114.13 7.70 -40.06	106.27 7.70 -32.12	103.74 7.80 -28.65	107.36 8.61 -24.52	112.23 8.78 -26.43	148.47 10.07 -53.72	178.94 11.42 -81.67	157.25 11.97 -58.55	139.47 11.33 -42.32	111.25 11.19 -13.33	105.21 10.55 -12.22	93.15 10.71 0.00	97.88 10.78 -4.15	107.46 11.05 -12.71	118.46 11.88 -16.57	140.66 12.55 -36.51	160.03 15.64 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	124.68 11.72 -26.79	106.81 10.87 -12.30	105.41 9.99 -13.48
NYPA__HELLGATE_GT1 24158	118.69 5.72 -46.53	111.54 5.11 -40.05	103.81 5.25 -32.11	101.24 5.31 -28.64	104.46 5.72 -24.51	109.45 6.01 -26.42	137.01 7.02 -45.31	157.31 8.50 -62.97	133.72 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.87	93.85 8.57 -2.84	91.16 8.73 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.20 9.45 -3.74	120.23 9.44 -19.20	156.45 12.07 -29.38	146.12 10.08 -38.23	118.33 10.00 -11.24	115.29 9.43 -14.32	104.76 8.62 -9.96	103.09 7.78 -11.67	102.70 7.29 -13.47
NYPA__HELLGATE_GT2 24159	118.69 5.72 -46.53	111.54 5.11 -40.05	103.81 5.25 -32.11	101.24 5.31 -28.64	104.46 5.72 -24.51	109.45 6.01 -26.42	137.01 7.02 -45.31	157.31 8.50 -62.97	133.72 9.10 -37.89	120.30 9.09 -25.39	102.71 9.10 -6.87	93.85 8.57 -2.84	91.16 8.73 0.01	91.66 8.71 0.01	92.66 8.96 0.01	103.20 9.45 -3.74	120.23 9.44 -19.20	156.45 12.07 -29.38	146.12 10.08 -38.23	118.33 10.00 -11.24	115.29 9.43 -14.32	104.76 8.62 -9.96	103.09 7.78 -11.67	102.70 7.29 -13.47
NYS_BARGE__HYD 23848	68.08 -5.85 -7.48	66.64 -6.17 -6.44	65.83 -5.78 -5.16	66.17 -5.72 -4.60	71.64 -6.53 -3.94	74.79 -6.55 -4.32	84.63 -7.37 -7.32	88.84 -7.12 -10.12	85.18 -7.72 -6.17	81.66 -8.24 -4.08	79.86 -7.98 -1.11	74.57 -8.32 -0.46	73.95 -8.49 0.00	74.16 -8.80 0.00	75.51 -8.20 0.00	81.37 -8.82 -0.18	83.62 -9.43 -1.45	104.68 -11.50 -1.18	89.37 -10.07 -1.63	88.70 -10.19 -1.81	84.52 -9.24 -2.22	79.08 -8.70 -1.60	76.57 -8.95 -1.87	76.57 -7.54 -2.17

OAK ORCHARD___HYD 24046	69.73 -2.92 -6.21	68.60 -3.12 -5.34	67.88 -2.86 -4.29	68.55 -2.56 -3.82	74.61 -2.90 -3.27	77.94 -2.62 -3.53	88.10 -2.63 -6.05	91.93 -2.31 -8.40	89.20 -2.60 -5.07	86.12 -3.09 -3.39	84.61 -3.04 -0.92	79.28 -3.54 -0.38	78.65 -3.79 0.00	78.31 -4.64 0.00	79.52 -4.18 0.00	86.73 -3.42 -0.15	89.22 -3.57 -1.20	110.56 -5.40 -0.97	95.05 -4.10 -1.34	94.51 -4.07 -1.50	89.81 -3.57 -1.84	83.97 -3.54 -1.33	81.27 -3.93 -1.56	80.37 -3.36 -1.80
OAKDALE___35_KV_LOAD 356122	82.51 0.13 -15.93	80.22 0.13 -13.71	77.57 0.13 -11.00	77.16 0.07 -9.81	82.77 0.15 -8.39	87.33 0.39 -9.92	101.36 0.76 -15.93	108.09 0.69 -21.56	101.35 0.78 -13.84	95.11 0.60 -8.69	89.69 0.61 -2.36	83.66 0.25 -0.98	83.34 0.91 0.00	83.87 0.91 0.00	84.88 1.17 0.00	91.11 0.72 -0.38	95.26 0.55 -3.11	119.29 1.72 -2.57	102.25 0.88 -3.56	101.61 0.68 -3.85	96.90 0.64 -4.72	89.77 0.17 -3.41	87.72 0.08 -3.99	86.72 0.16 -4.61
OCC_CHEM___DRP 24175	68.20 -5.91 -7.67	67.27 -5.71 -6.60	66.02 -5.71 -5.29	66.15 -5.85 -4.72	71.81 -6.46 -4.04	74.75 -6.70 -4.43	84.73 -7.45 -7.51	87.90 -8.33 -10.38	84.82 -8.24 -6.33	81.34 -8.67 -4.18	79.19 -8.67 -1.13	74.09 -8.82 -0.47	73.62 -8.82 0.00	74.25 -8.71 0.00	75.17 -8.54 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.45 -12.76 -1.21	88.53 -10.96 -1.67	88.06 -10.87 -1.85	84.02 -9.80 -2.27	77.31 -10.51 -1.64	76.20 -9.37 -1.92	75.72 -8.44 -2.22
OH_GEN_PROXY 24063	68.26 -5.78 -7.60	66.94 -5.97 -6.54	66.04 -5.65 -5.24	66.31 -5.65 -4.68	71.70 -6.53 -4.00	77.12 -6.55 -6.65	82.40 -7.45 -5.18	88.83 -7.30 -10.28	85.28 -7.72 -6.27	81.81 -8.15 -4.15	79.88 -7.98 -1.12	74.49 -8.41 -0.47	73.86 -8.58 0.00	73.92 -9.04 0.00	75.26 -8.45 0.00	81.28 -8.91 -0.18	83.64 -9.43 -1.47	104.47 -11.73 -1.20	89.30 -10.18 -1.66	88.82 -10.10 -1.84	84.64 -9.15 -2.25	79.02 -8.79 -1.63	76.68 -8.87 -1.90	76.68 -7.46 -2.20
OLIN_CORP_DRP 24177	67.55 -6.64 -7.75	66.60 -6.44 -6.67	65.41 -6.38 -5.35	65.53 -6.53 -4.77	71.11 -7.20 -4.08	74.03 -7.47 -4.48	84.05 -8.21 -7.59	87.32 -9.01 -10.48	84.20 -8.93 -6.40	80.69 -9.35 -4.23	78.60 -9.28 -1.15	73.51 -9.40 -0.47	73.20 -9.23 0.00	73.83 -9.13 0.00	74.83 -8.87 0.00	80.20 -9.99 -0.18	82.29 -10.81 -1.50	102.77 -13.45 -1.23	87.96 -11.54 -1.69	87.40 -11.55 -1.87	83.31 -10.53 -2.29	76.64 -11.20 -1.66	75.46 -10.12 -1.94	74.92 -9.26 -2.24
OLIN_CORP_DSASP 323712	68.20 -5.91 -7.67	66.80 -6.17 -6.60	65.89 -5.85 -5.29	66.15 -5.85 -4.72	71.52 -6.75 -4.04	74.60 -6.86 -4.43	84.31 -7.87 -7.51	88.41 -7.81 -10.38	84.82 -8.24 -6.33	81.25 -8.75 -4.18	79.37 -8.50 -1.13	74.09 -8.82 -0.47	73.37 -9.07 0.00	73.25 -9.71 0.00	74.67 -9.04 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.44 -12.77 -1.21	88.54 -10.95 -1.67	88.06 -10.87 -1.85	84.02 -9.79 -2.27	78.51 -9.31 -1.64	76.20 -9.37 -1.92	76.37 -7.79 -2.22
ONEIDA_HERK_LFGE 323681	69.24 1.26 -1.53	68.95 1.26 -1.32	68.76 1.26 -1.06	69.44 1.21 -0.94	76.67 1.63 -0.81	79.54 2.15 -0.37	89.06 3.13 -1.26	91.27 3.34 -2.08	90.60 3.12 -0.75	89.58 2.92 -0.84	89.56 2.60 -0.23	84.84 2.31 -0.09	84.58 2.14 0.00	85.20 2.24 0.00	86.05 2.34 0.00	92.81 2.79 -0.01	94.81 3.02 -0.19	119.02 4.02 0.00	101.04 3.22 -0.01	100.76 3.30 -0.37	94.83 2.84 -0.45	89.18 2.67 -0.33	86.54 2.51 -0.38	84.67 2.29 -0.44
ONEIDA___115KV_TB4 55905	71.54 2.13 -2.97	71.06 2.12 -2.56	70.62 2.13 -2.05	71.27 2.15 -1.83	78.32 2.52 -1.57	80.82 3.08 -0.71	91.17 4.06 -2.43	94.08 4.21 -4.02	92.26 4.08 -1.45	91.22 3.78 -1.62	90.81 3.64 -0.44	85.67 3.05 -0.18	85.49 3.05 0.00	86.11 3.15 0.00	86.97 3.26 0.00	93.80 3.78 -0.01	95.90 3.94 -0.36	120.17 5.17 0.00	101.93 4.11 -0.01	101.88 4.08 -0.72	96.07 3.66 -0.87	89.92 3.10 -0.64	87.32 2.93 -0.74	85.42 2.62 -0.86
ONONDAGA_REF_OCCRA 23987	71.88 -0.33 -5.76	70.94 -0.40 -4.96	70.03 -0.40 -3.98	70.36 -0.47 -3.55	76.90 -0.37 -3.04	78.25 -0.15 -1.38	89.64 0.25 -4.72	93.90 0.26 -7.80	89.89 0.35 -2.81	89.14 0.17 -3.15	87.76 0.17 -0.85	82.63 -0.16 -0.35	82.36 -0.08 0.00	82.87 -0.08 0.00	83.79 0.08 0.00	90.23 0.09 -0.13	92.80 0.09 -1.11	116.35 0.46 -0.89	99.27 0.29 -1.16	98.67 0.19 -1.39	93.34 0.09 -1.71	87.07 -0.34 -1.23	84.67 -0.42 -1.44	83.12 -0.49 -1.67
ONONDAGA___COGEN 23986	71.75 -0.20 -5.50	70.85 -0.27 -4.74	69.98 -0.27 -3.80	70.40 -0.27 -3.39	76.91 -0.22 -2.90	78.42 0.08 -1.32	89.60 0.42 -4.50	93.72 0.43 -7.45	89.94 0.52 -2.69	89.17 0.34 -3.00	87.89 0.35 -0.81	82.77 0.00 -0.34	82.52 0.08 0.00	83.04 0.08 0.00	83.87 0.17 0.00	90.41 0.27 -0.13	92.93 0.27 -1.06	116.42 0.57 -0.85	99.41 0.49 -1.10	98.80 0.39 -1.33	93.45 0.27 -1.63	87.19 -0.17 -1.18	84.77 -0.25 -1.38	83.21 -0.33 -1.59
ONTARIO___LFGE 23819	73.06 -0.87 -7.48	71.62 -1.19 -6.44	70.61 -0.99 -5.16	71.08 -0.80 -4.60	77.36 -0.81 -3.94	81.11 -0.23 -4.32	91.74 -0.25 -7.32	96.40 0.43 -10.12	93.08 0.17 -6.17	89.56 -0.34 -4.08	87.40 -0.43 -1.11	82.07 -0.82 -0.46	81.61 -0.82 0.00	82.21 -0.75 0.00	83.46 -0.25 0.00	89.74 -0.45 -0.18	92.59 -0.46 -1.45	115.83 -0.34 -1.17	99.14 -0.29 -1.62	98.31 -0.58 -1.81	93.21 -0.55 -2.22	87.18 -0.60 -1.60	84.35 -1.17 -1.87	83.45 -0.66 -2.17
ORANGEVILLE_WT_PWR 323706	71.25 -4.45 -9.26	69.69 -4.65 -7.97	68.58 -4.25 -6.39	68.81 -4.17 -5.70	74.43 -4.67 -4.88	78.12 -4.31 -5.41	89.11 -4.66 -9.09	93.82 -4.55 -12.53	89.49 -4.94 -7.70	85.29 -5.58 -5.05	82.72 -5.38 -1.37	77.23 -5.77 -0.57	76.83 -5.61 0.00	77.89 -5.06 0.00	79.27 -4.44 0.00	84.56 -5.67 -0.22	87.26 -6.14 -1.80	110.48 -5.98 -1.47	93.58 -6.26 -2.03	92.72 -6.60 -2.24	88.24 -6.04 -2.74	82.39 -5.77 -1.98	79.86 -6.10 -2.32	79.71 -4.91 -2.68
ORANGEVILLE___ESR 323794	71.25 -4.45 -9.26	69.69 -4.65 -7.97	68.58 -4.25 -6.39	68.81 -4.17 -5.70	74.43 -4.67 -4.88	78.12 -4.31 -5.41	89.11 -4.66 -9.09	93.82 -4.55 -12.53	89.49 -4.94 -7.70	85.29 -5.58 -5.05	82.72 -5.38 -1.37	77.23 -5.77 -0.57	76.83 -5.61 0.00	77.89 -5.06 0.00	79.27 -4.44 0.00	84.56 -5.67 -0.22	87.26 -6.14 -1.80	110.48 -5.98 -1.47	93.58 -6.26 -2.03	92.72 -6.60 -2.24	88.24 -6.04 -2.74	82.39 -5.77 -1.98	79.86 -6.10 -2.32	79.71 -4.91 -2.68
OSWEGATCHIE___HYD 24044	66.40 -1.33 -1.28	66.21 -1.26 -1.10	65.93 -1.40 -0.88	66.66 -1.42 -0.79	73.64 -1.26 -0.67	76.02 -1.31 -0.31	84.62 -1.10 -1.05	85.61 -1.97 -1.73	84.76 -2.60 -0.62	84.12 -2.40 -0.70	83.88 -3.04 -0.19	80.21 -2.31 -0.08	80.04 -2.39 0.00	80.63 -2.32 0.00	81.45 -2.26 0.00	86.78 -3.24 -0.01	88.82 -2.93 -0.15	111.31 -3.68 0.00	94.79 -3.03 0.00	94.48 -2.91 -0.31	88.90 -3.02 -0.37	84.13 -2.32 -0.27	82.97 -1.00 -0.32	81.49 -0.82 -0.37
OSWEGO___5 23606	67.09 -2.13 -2.77	66.57 -2.19 -2.39	66.17 -2.19 -1.91	66.83 -2.16 -1.71	73.31 -2.38 -1.46	75.38 -2.31 -0.67	84.57 -2.37 -2.27	87.36 -2.23 -3.75	85.74 -2.34 -1.35	84.93 -2.40 -1.51	84.71 -2.43 -0.41	80.14 -2.47 -0.17	79.88 -2.56 0.00	80.30 -2.66 0.00	81.11 -2.60 0.00	87.41 -2.61 -0.01	89.28 -2.66 -0.34	111.66 -3.34 0.00	94.99 -2.84 -0.01	94.93 -2.82 -0.67	89.70 -2.66 -0.81	84.19 -2.58 -0.59	81.66 -2.68 -0.69	80.20 -2.54 -0.80

OSWEGO___6 23613	67.09 -2.13 -2.77	66.57 -2.19 -2.39	66.17 -2.19 -1.91	66.83 -2.16 -1.71	73.31 -2.38 -1.46	75.38 -2.31 -0.67	84.57 -2.37 -2.27	87.36 -2.23 -3.75	85.74 -2.34 -1.35	84.93 -2.40 -1.51	84.71 -2.43 -0.41	80.14 -2.47 -0.17	79.88 -2.56 0.00	80.30 -2.66 0.00	81.11 -2.60 0.00	87.41 -2.61 -0.01	89.28 -2.66 -0.34	111.66 -3.34 0.00	94.99 -2.84 -0.01	94.93 -2.82 -0.67	89.70 -2.66 -0.81	84.19 -2.58 -0.59	81.66 -2.68 -0.69	80.20 -2.54 -0.80
OUTOKUMPU-AB___DRP 24206	69.40 -4.85 -7.81	68.38 -4.71 -6.72	67.18 -4.65 -5.39	67.25 -4.84 -4.81	73.07 -5.27 -4.11	76.22 -5.31 -4.52	86.22 -6.10 -7.65	89.54 -6.87 -10.56	86.33 -6.85 -6.45	82.79 -7.29 -4.26	80.69 -7.20 -1.15	75.50 -7.42 -0.48	75.51 -6.92 0.00	76.15 -6.80 0.00	77.18 -6.53 0.00	82.27 -7.92 -0.18	84.50 -8.61 -1.51	106.23 -10.00 -1.24	90.42 -9.10 -1.70	89.65 -9.32 -1.89	85.43 -8.42 -2.31	78.72 -9.14 -1.67	77.74 -7.86 -1.96	77.07 -7.13 -2.26
OXBOW___BTM 323836	68.93 -5.25 -7.74	67.53 -5.51 -6.66	66.60 -5.18 -5.34	66.80 -5.25 -4.76	72.30 -6.01 -4.08	75.49 -6.01 -4.47	85.23 -7.03 -7.58	89.45 -6.87 -10.47	85.75 -7.37 -6.39	82.15 -7.89 -4.22	80.24 -7.63 -1.14	74.92 -8.00 -0.47	74.27 -8.16 0.00	74.41 -8.54 0.00	75.84 -7.87 0.00	81.64 -8.55 -0.18	84.03 -9.07 -1.50	105.07 -11.15 -1.23	89.72 -9.78 -1.69	89.15 -9.80 -1.87	84.96 -8.88 -2.29	79.56 -8.27 -1.66	77.14 -8.44 -1.94	77.22 -6.97 -2.24
OXBOW____ 24026	68.93 -5.25 -7.74	67.99 -5.04 -6.66	66.74 -5.05 -5.34	66.80 -5.25 -4.76	72.52 -5.79 -4.08	75.56 -5.93 -4.47	85.65 -6.60 -7.58	88.94 -7.38 -10.47	85.75 -7.37 -6.39	82.23 -7.81 -4.22	80.16 -7.72 -1.14	74.92 -8.00 -0.47	74.77 -7.67 0.00	75.41 -7.55 0.00	76.34 -7.37 0.00	81.73 -8.46 -0.18	84.03 -9.07 -1.50	105.07 -11.15 -1.23	89.72 -9.78 -1.69	89.05 -9.90 -1.87	84.86 -8.97 -2.29	78.19 -9.65 -1.66	77.14 -8.45 -1.94	76.56 -7.62 -2.24
OXY_CHEM_DSASP 323612	68.20 -5.91 -7.67	67.27 -5.71 -6.60	66.02 -5.71 -5.29	66.15 -5.85 -4.72	71.81 -6.46 -4.04	74.75 -6.70 -4.43	84.73 -7.45 -7.51	87.90 -8.33 -10.38	84.82 -8.24 -6.33	81.34 -8.67 -4.18	79.19 -8.67 -1.13	74.09 -8.82 -0.47	73.62 -8.82 0.00	74.25 -8.71 0.00	75.17 -8.54 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.45 -12.76 -1.21	88.53 -10.96 -1.67	88.06 -10.87 -1.85	84.02 -9.80 -2.27	77.31 -10.51 -1.64	76.20 -9.37 -1.92	75.72 -8.44 -2.22
OZONE_PARK_ESR 323760	119.02 6.05 -46.53	112.27 5.84 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.28 6.53 -24.52	110.15 6.70 -26.43	137.95 7.96 -45.32	157.92 9.10 -62.97	134.25 9.63 -37.89	121.00 9.78 -25.39	103.41 9.80 -6.88	94.60 9.32 -2.85	91.84 9.40 0.00	92.33 9.37 0.00	93.33 9.63 0.00	104.11 10.35 -3.75	121.15 10.35 -19.20	157.61 13.22 -29.39	147.20 11.15 -38.23	119.40 11.07 -11.25	116.31 10.44 -14.33	105.54 9.39 -9.97	103.92 8.62 -11.66	103.53 8.11 -13.47
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	68.20 -5.91 -7.67	67.27 -5.71 -6.60	66.02 -5.71 -5.29	66.15 -5.85 -4.72	71.81 -6.46 -4.04	74.75 -6.70 -4.43	84.73 -7.45 -7.51	87.90 -8.33 -10.38	84.82 -8.24 -6.33	81.34 -8.67 -4.18	79.19 -8.67 -1.13	74.09 -8.82 -0.47	73.62 -8.82 0.00	74.25 -8.71 0.00	75.17 -8.54 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.45 -12.76 -1.21	88.53 -10.96 -1.67	88.06 -10.87 -1.85	84.02 -9.80 -2.27	77.31 -10.51 -1.64	76.20 -9.37 -1.92	75.72 -8.44 -2.22
PACKARD__115KV_DUPONT_184 80571	68.20 -5.91 -7.67	67.27 -5.71 -6.60	66.02 -5.71 -5.29	66.15 -5.85 -4.72	71.81 -6.46 -4.04	74.75 -6.70 -4.43	84.73 -7.45 -7.51	87.90 -8.33 -10.38	84.82 -8.24 -6.33	81.34 -8.67 -4.18	79.19 -8.67 -1.13	74.09 -8.82 -0.47	73.62 -8.82 0.00	74.25 -8.71 0.00	75.17 -8.54 0.00	80.74 -9.45 -0.18	83.10 -9.98 -1.48	103.45 -12.76 -1.21	88.53 -10.96 -1.67	88.06 -10.87 -1.85	84.02 -9.80 -2.27	77.31 -10.51 -1.64	76.20 -9.37 -1.92	75.72 -8.44 -2.22
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	118.82 5.85 -46.53	111.61 5.18 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.61 5.86 -24.52	109.46 6.01 -26.43	137.11 7.11 -45.32	157.23 8.41 -62.97	133.39 8.76 -37.90	120.13 8.93 -25.39	102.62 9.02 -6.87	93.86 8.57 -2.84	91.09 8.66 0.01	91.57 8.63 0.01	92.66 8.96 0.01	103.38 9.63 -3.74	120.42 9.62 -19.20	156.57 12.19 -29.38	146.32 10.27 -38.23	118.52 10.19 -11.24	115.48 9.61 -14.32	104.76 8.62 -9.96	103.26 7.95 -11.67	102.86 7.46 -13.47
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	119.36 6.38 -46.53	112.21 5.77 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.28 6.53 -24.52	110.07 6.62 -26.43	137.87 7.87 -45.32	157.91 9.10 -62.97	134.08 9.45 -37.90	120.82 9.61 -25.39	103.23 9.63 -6.87	94.35 9.07 -2.84	91.66 9.23 0.01	92.16 9.21 0.01	93.24 9.54 0.01	104.01 10.26 -3.74	121.06 10.26 -19.20	157.37 12.99 -29.38	147.00 10.96 -38.23	119.20 10.87 -11.24	116.12 10.25 -14.32	105.36 9.22 -9.96	103.93 8.62 -11.67	103.52 8.11 -13.47
PATROON__115KV_TB1 80586	130.84 2.99 -61.40	122.29 3.05 -52.86	111.89 3.06 -42.38	108.18 3.10 -37.80	110.00 3.41 -32.35	144.20 3.54 -63.64	161.88 3.89 -73.31	172.64 3.69 -83.10	169.02 3.90 -78.38	123.36 4.03 -33.51	100.32 4.51 -9.08	90.41 4.20 -3.76	86.64 4.20 0.00	87.19 4.23 0.00	86.97 3.26 0.00	93.77 3.69 -0.07	101.92 3.76 -6.56	118.26 5.06 1.80	101.83 4.30 0.29	115.91 3.98 -14.85	113.11 3.66 -17.91	102.87 3.53 -13.15	102.88 3.85 -15.39	103.33 3.61 -17.78
PATTRSNVILLE__SOLAR 323815	134.26 3.26 -64.56	125.20 3.25 -55.58	114.20 3.19 -44.56	110.26 3.23 -39.75	111.88 3.64 -34.02	169.74 3.93 -88.80	176.60 4.57 -87.36	178.03 4.80 -87.37	195.50 4.77 -104.00	125.00 3.95 -35.23	100.09 3.81 -9.54	89.53 3.13 -3.96	85.49 3.05 0.00	86.19 3.23 0.00	87.14 3.43 0.00	94.52 4.41 -0.10	103.45 4.85 -7.00	119.64 6.44 1.80	103.77 5.38 -0.58	117.93 5.24 -15.61	115.22 4.85 -18.83	104.57 4.56 -13.83	104.00 4.18 -16.18	104.49 3.85 -18.70
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	69.79 -5.18 -8.52	68.54 -5.18 -7.34	67.21 -5.12 -5.88	67.28 -5.25 -5.25	73.01 -5.72 -4.49	76.28 -5.70 -4.96	86.94 -6.10 -8.36	90.60 -6.78 -11.54	87.04 -6.76 -7.07	83.35 -7.12 -4.65	80.97 -7.03 -1.26	75.71 -7.25 -0.52	78.81 -3.63 0.00	79.47 -3.48 0.00	80.61 -3.10 0.00	83.10 -7.11 -0.20	85.01 -8.24 -1.65	111.29 -5.06 -1.36	91.96 -7.73 -1.87	90.31 -8.83 -2.06	85.92 -8.15 -2.53	79.30 -8.70 -1.83	77.83 -7.95 -2.14	77.20 -7.21 -2.47
PAWLING_115_KV_BK3_REV_LBMP_H 345028	119.05 5.65 -46.95	112.44 5.64 -40.42	104.57 5.71 -32.41	101.91 5.72 -28.91	105.28 6.31 -24.74	110.36 6.47 -26.87	138.29 7.79 -45.83	158.32 8.93 -63.55	134.27 9.11 -38.44	120.46 9.01 -25.62	102.43 8.76 -6.94	93.64 8.33 -2.88	90.76 8.33 0.00	91.17 8.21 0.00	92.33 8.62 0.00	103.19 9.45 -3.73	120.49 9.71 -19.17	156.78 12.53 -29.24	146.25 10.37 -38.07	118.63 10.19 -11.35	115.70 9.70 -14.45	104.77 8.53 -10.06	103.36 7.95 -11.77	102.75 7.21 -13.60
PEEKSKILL____ 23653	117.29 4.79 -46.06	110.67 4.64 -39.65	103.02 4.79 -31.79	100.49 4.85 -28.36	103.77 5.27 -24.27	108.65 5.47 -26.16	135.88 6.35 -44.86	155.64 7.46 -62.33	132.22 7.97 -37.51	118.84 7.89 -25.13	101.43 7.89 -6.81	92.76 7.50 -2.82	89.94 7.50 0.00	90.50 7.55 0.00	91.49 7.79 0.00	101.97 8.28 -3.69	118.94 8.42 -18.92	154.58 10.70 -28.89	144.40 8.99 -37.59	117.05 8.83 -11.14	114.14 8.42 -14.18	103.63 7.59 -9.86	102.05 6.86 -11.54	101.59 6.31 -13.34

PGE MADISON___WINDPWR 24146	87.48 5.64 -15.39	85.12 5.51 -13.24	82.58 5.51 -10.62	82.41 5.65 -9.47	88.79 6.45 -8.11	95.89 7.78 -11.09	110.67 9.90 -16.09	117.40 10.73 -20.82	111.56 9.97 -14.86	103.83 9.61 -8.40	98.54 9.54 -2.27	91.05 7.67 -0.94	89.69 7.26 0.00	90.84 7.88 0.00	92.25 8.54 0.00	100.37 9.99 -0.37	105.78 11.17 -3.01	133.12 15.64 -2.49	114.13 12.81 -3.50	113.62 12.81 -3.72	107.73 11.63 -4.56	99.99 10.51 -3.30	96.87 9.37 -3.86	95.08 8.68 -4.46
PIERCEFIELD___HYD 23852	64.98 -1.46 0.00	64.91 -1.46 0.00	64.92 -1.53 0.00	65.74 -1.55 0.00	72.37 -1.86 0.00	74.63 -2.39 0.00	81.37 -3.30 0.00	81.90 -3.95 0.00	81.27 -5.46 0.00	80.84 -4.98 0.00	81.01 -5.72 0.00	78.15 -4.29 0.00	77.99 -4.45 0.00	78.56 -4.40 0.00	79.35 -4.35 0.00	83.62 -6.39 0.00	85.46 -6.14 0.00	107.06 -7.93 0.00	91.26 -6.55 0.00	90.67 -6.41 0.00	85.32 -6.22 0.00	82.91 -3.27 0.00	81.39 -2.26 0.00	80.46 -1.47 0.00
PINELAWN_CC_1 323563	147.56 7.31 -73.81	113.61 7.17 -40.06	105.81 7.24 -32.12	103.21 7.27 -28.65	106.77 8.02 -24.52	111.78 8.32 -26.43	148.05 9.65 -53.72	178.42 10.90 -81.67	156.73 11.45 -58.55	139.29 11.15 -42.32	110.90 10.84 -13.33	104.87 10.22 -12.22	92.74 10.30 0.00	97.47 10.37 -4.15	107.05 10.63 -12.71	118.19 11.62 -16.57	140.20 12.09 -36.51	159.45 15.06 -29.40	153.89 13.01 -43.07	144.48 12.81 -34.59	130.31 12.08 -26.68	124.09 11.12 -26.79	106.23 10.29 -12.30	104.92 9.50 -13.48
PJM_GEN_HTP_PROXY 323702	118.35 5.38 -46.52	111.67 5.24 -40.05	103.88 5.32 -32.11	101.31 5.38 -28.64	104.61 5.86 -24.51	111.79 6.08 -28.68	134.92 7.19 -43.05	157.31 8.50 -62.96	133.64 9.02 -37.89	120.22 9.01 -25.39	102.63 9.02 -6.88	93.86 8.57 -2.85	91.01 8.57 0.00	91.58 8.63 0.00	92.58 8.87 0.00	103.12 9.36 -3.75	120.24 9.44 -19.20	156.34 11.96 -29.38	146.02 9.98 -38.23	118.24 9.91 -11.25	115.30 9.43 -14.33	104.68 8.53 -9.96	102.99 7.69 -11.66	102.54 7.13 -13.47
PJM_GEN_KEystone 24065	59.34 0.13 7.24	57.28 0.00 9.09	56.52 0.13 10.06	56.96 0.20 10.53	58.63 0.07 15.67	65.33 0.23 11.92	86.01 0.43 -0.91	102.60 0.95 -15.81	81.80 1.12 6.05	69.07 0.95 17.70	60.68 1.04 27.09	56.79 0.66 26.30	52.25 0.82 31.01	48.93 1.25 35.27	46.84 1.59 38.45	48.88 0.90 42.03	61.48 0.82 30.94	77.56 2.18 39.62	67.08 1.08 31.81	60.93 0.77 36.92	59.23 0.82 33.13	55.30 0.61 31.49	51.82 0.17 31.99	50.92 0.33 31.35
PJM_GEN_NEPTUNE_PROXY 323594	141.55 6.11 -69.00	112.48 6.04 -40.06	104.68 6.11 -32.12	102.06 6.12 -28.65	105.51 6.75 -24.52	112.65 6.93 -28.69	142.71 8.05 -49.99	173.41 9.19 -78.38	151.35 9.71 -54.91	134.77 9.61 -39.34	108.38 9.46 -12.19	101.99 8.99 -10.57	91.51 9.07 0.00	95.50 9.13 -3.42	103.46 9.29 -10.47	116.65 10.08 -16.57	138.46 10.35 -36.51	157.16 12.76 -29.40	151.84 10.95 -43.07	142.54 10.87 -34.59	128.57 10.34 -26.68	122.45 9.48 -26.79	104.72 8.78 -12.30	103.53 8.11 -13.48
PJM_GEN_VFT_PROXY 323633	112.06 4.99 -40.63	111.26 4.84 -40.05	103.47 4.92 -32.11	100.90 4.98 -28.64	104.15 5.42 -24.51	111.32 5.62 -28.68	109.86 6.69 -18.50	134.66 8.07 -40.75	121.05 8.59 -25.73	118.14 8.58 -23.74	102.28 8.67 -6.88	93.53 8.24 -2.85	90.68 8.24 0.00	91.33 8.38 0.00	92.25 8.54 0.00	102.76 9.00 -3.75	119.69 8.88 -19.20	132.12 11.28 -5.85	122.12 9.49 -14.82	117.75 9.41 -11.25	112.14 8.88 -11.72	104.34 8.19 -9.97	102.67 7.36 -11.66	102.21 6.80 -13.47
PLATSBURG_115KV_PMLD1 355749	65.05 -1.40 0.00	65.05 -1.33 0.00	64.92 -1.53 0.00	65.87 -1.41 0.00	72.45 -1.78 0.00	74.86 -2.16 0.00	81.20 -3.47 0.00	83.10 -2.75 0.00	83.35 -3.38 0.00	82.64 -3.18 0.00	83.61 -3.12 0.00	80.05 -2.39 0.00	80.21 -2.23 0.00	80.88 -2.07 0.00	81.70 -2.01 0.00	87.40 -2.61 0.00	89.22 -2.38 0.00	111.66 -3.33 0.00	95.27 -2.54 0.00	94.65 -2.43 0.00	89.25 -2.29 0.00	84.89 -1.29 0.00	82.47 -1.17 0.00	82.10 0.16 0.00
PLEASANTVLY___LBMP 24000	119.78 4.65 -48.68	112.86 4.58 -41.91	104.70 4.65 -33.61	101.97 4.71 -29.97	105.00 5.12 -25.65	109.95 5.31 -27.62	138.17 6.10 -47.40	158.52 6.78 -65.89	133.63 7.29 -39.62	119.68 7.29 -26.57	101.21 7.29 -7.20	92.35 6.92 -2.98	89.53 7.09 0.00	90.01 7.05 0.00	90.99 7.28 0.00	101.88 7.83 -4.04	120.10 7.97 -20.53	156.80 10.12 -31.69	147.43 8.41 -41.20	117.20 8.35 -11.77	114.52 7.96 -15.01	103.68 7.07 -10.43	102.45 6.61 -12.20	102.10 6.06 -14.10
PLSNTVLE_13_KV_13.8KVDIST 80602	118.40 5.12 -46.84	111.74 5.04 -40.32	103.89 5.12 -32.33	101.30 5.18 -28.84	104.55 5.64 -24.68	109.40 5.78 -26.60	137.07 6.77 -45.62	156.96 7.73 -63.39	133.03 8.15 -38.15	119.62 8.24 -25.56	101.89 8.24 -6.92	93.14 7.83 -2.87	90.43 8.00 0.00	90.84 7.88 0.00	91.83 8.12 0.00	102.62 8.82 -3.79	119.78 8.79 -19.39	155.98 11.27 -29.71	145.96 9.49 -38.65	117.83 9.42 -11.33	114.85 8.88 -14.43	104.06 7.84 -10.03	102.66 7.28 -11.74	102.31 6.80 -13.56
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	118.40 5.12 -46.84	111.74 5.04 -40.32	103.89 5.12 -32.33	101.30 5.18 -28.84	104.55 5.64 -24.68	109.40 5.78 -26.60	137.07 6.77 -45.62	156.96 7.73 -63.39	133.03 8.15 -38.15	119.62 8.24 -25.56	101.89 8.24 -6.92	93.14 7.83 -2.87	90.43 8.00 0.00	90.84 7.88 0.00	91.83 8.12 0.00	102.62 8.82 -3.79	119.78 8.79 -19.39	155.98 11.27 -29.71	145.96 9.49 -38.65	117.83 9.42 -11.33	114.85 8.88 -14.43	104.06 7.84 -10.03	102.66 7.28 -11.74	102.31 6.80 -13.56
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	119.42 5.38 -47.59	112.66 5.31 -40.97	104.68 5.38 -32.85	102.04 5.45 -29.30	105.32 6.01 -25.08	110.89 6.16 -27.71	138.45 7.11 -46.67	158.24 7.98 -64.41	134.48 8.33 -39.42	119.95 8.15 -25.97	101.57 7.81 -7.04	92.69 7.34 -2.92	89.86 7.42 0.00	90.34 7.38 0.00	91.41 7.70 0.00	102.10 8.46 -3.63	119.34 8.89 -18.86	154.75 11.38 -28.37	144.18 9.39 -36.97	117.91 9.32 -11.51	115.04 8.88 -14.61	104.13 7.76 -10.19	102.85 7.28 -11.93	102.44 6.72 -13.78
POLETTI___ 23519	118.49 5.51 -46.53	111.81 5.38 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.19 7.20 -45.32	157.06 8.24 -62.97	133.38 8.76 -37.89	120.14 8.93 -25.39	102.63 9.02 -6.88	93.78 8.49 -2.85	91.01 8.57 0.00	91.50 8.54 0.00	92.58 8.87 0.00	103.30 9.54 -3.75	120.24 9.43 -19.20	156.23 11.84 -29.39	146.03 9.98 -38.23	118.24 9.90 -11.25	115.30 9.43 -14.33	104.68 8.53 -9.97	103.17 7.86 -11.66	102.87 7.46 -13.47
POMONA___ESR 323819	115.74 4.45 -44.84	109.29 4.31 -38.60	101.78 4.38 -30.95	99.40 4.51 -27.61	102.76 4.90 -23.63	107.51 5.00 -25.49	134.28 5.93 -43.68	153.48 6.95 -60.69	130.73 7.46 -36.54	117.67 7.38 -24.47	100.73 7.37 -6.63	92.19 7.00 -2.75	89.53 7.09 0.00	90.09 7.14 0.00	90.99 7.28 0.00	101.28 7.74 -3.53	117.66 7.88 -18.17	152.60 10.00 -27.61	142.06 8.31 -35.94	116.17 8.25 -10.84	113.21 7.87 -13.79	102.85 7.07 -9.60	101.24 6.35 -11.24	100.74 5.82 -12.99
PORT_JEFF_3 23555	148.22 7.97 -73.81	114.40 7.96 -40.06	106.54 7.97 -32.12	103.94 8.00 -28.65	107.58 8.83 -24.52	112.46 9.01 -26.43	148.81 10.41 -53.72	179.37 11.85 -81.67	157.59 12.31 -58.55	139.90 11.76 -42.32	111.59 11.54 -13.33	105.53 10.88 -12.22	93.49 11.05 0.00	98.22 11.12 -4.15	107.80 11.38 -12.71	118.81 12.24 -16.57	141.11 13.00 -36.51	160.72 16.32 -29.40	154.87 13.99 -43.07	145.36 13.69 -34.59	131.14 12.91 -26.68	125.12 12.15 -26.79	107.16 11.21 -12.30	105.82 10.41 -13.48

PORT_JEFF_4 23616	148.22 7.97 -73.81	114.40 7.96 -40.06	106.54 7.97 -32.12	103.94 8.00 -28.65	107.58 8.83 -24.52	112.46 9.01 -26.43	148.81 10.41 -53.72	179.37 11.85 -81.67	157.59 12.31 -58.55	139.90 11.76 -42.32	111.59 11.54 -13.33	105.53 10.88 -12.22	93.49 11.05 0.00	98.22 11.12 -4.15	107.80 11.38 -12.71	118.81 12.24 -16.57	141.11 13.00 -36.51	160.72 16.32 -29.40	154.87 13.99 -43.07	145.36 13.69 -34.59	131.14 12.91 -26.68	125.12 12.15 -26.79	107.16 11.21 -12.30	105.82 10.41 -13.48
PORT_JEFF_IC 23713	148.29 8.04 -73.81	114.47 8.03 -40.06	106.61 8.04 -32.12	104.01 8.07 -28.65	107.66 8.91 -24.52	112.47 9.01 -26.43	148.81 10.41 -53.72	179.11 11.59 -81.67	157.33 12.06 -58.55	139.90 11.76 -42.32	111.51 11.45 -13.33	105.54 10.88 -12.22	93.57 11.13 0.00	98.13 11.03 -4.15	107.80 11.38 -12.71	119.00 12.42 -16.57	141.30 13.19 -36.51	160.84 16.44 -29.40	154.97 14.09 -43.07	145.45 13.79 -34.59	131.23 13.00 -26.68	124.95 11.98 -26.79	107.24 11.29 -12.30	105.90 10.49 -13.48
PPL_PILGRIM_ST_GT1 24216	148.35 8.10 -73.81	114.40 7.96 -40.06	106.61 8.04 -32.12	104.01 8.07 -28.65	107.66 8.90 -24.52	112.62 9.16 -26.43	149.06 10.67 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	140.15 12.01 -42.32	111.85 11.79 -13.33	105.78 11.12 -12.22	93.65 11.21 0.00	98.38 11.28 -4.15	108.04 11.63 -12.71	119.18 12.60 -16.57	141.30 13.19 -36.51	160.96 16.56 -29.40	155.16 14.28 -43.07	145.65 13.98 -34.59	131.41 13.19 -26.68	125.20 12.23 -26.79	107.23 11.29 -12.30	105.91 10.49 -13.48
PPL_PILGRIM_ST_GT2 24217	148.35 8.10 -73.81	114.40 7.96 -40.06	106.61 8.04 -32.12	104.01 8.07 -28.65	107.66 8.90 -24.52	112.62 9.16 -26.43	149.06 10.67 -53.72	179.54 12.02 -81.67	157.77 12.49 -58.55	140.15 12.01 -42.32	111.85 11.79 -13.33	105.78 11.12 -12.22	93.65 11.21 0.00	98.38 11.28 -4.15	108.04 11.63 -12.71	119.18 12.60 -16.57	141.30 13.19 -36.51	160.96 16.56 -29.40	155.16 14.28 -43.07	145.65 13.98 -34.59	131.41 13.19 -26.68	125.20 12.23 -26.79	107.23 11.29 -12.30	105.91 10.49 -13.48
PPL_SHRM_GT3 24213	148.29 8.04 -73.81	114.67 8.23 -40.06	106.87 8.30 -32.12	104.28 8.34 -28.65	107.95 9.20 -24.52	112.77 9.32 -26.43	148.98 10.58 -53.72	179.45 11.93 -81.67	157.77 12.49 -58.55	139.47 11.33 -42.32	111.33 11.27 -13.33	105.53 10.88 -12.22	93.56 11.12 0.00	98.14 11.03 -4.15	107.63 11.22 -12.71	118.19 11.62 -16.57	140.66 12.55 -36.51	160.15 15.76 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	125.12 12.15 -26.79	107.40 11.46 -12.30	105.91 10.49 -13.48
PPL_SHRM_GT4 24214	148.29 8.04 -73.81	114.67 8.23 -40.06	106.87 8.30 -32.12	104.28 8.34 -28.65	107.95 9.20 -24.52	112.77 9.32 -26.43	148.98 10.58 -53.72	179.45 11.93 -81.67	157.77 12.49 -58.55	139.47 11.33 -42.32	111.33 11.27 -13.33	105.53 10.88 -12.22	93.56 11.12 0.00	98.14 11.03 -4.15	107.63 11.22 -12.71	118.19 11.62 -16.57	140.66 12.55 -36.51	160.15 15.76 -29.40	154.39 13.50 -43.07	144.87 13.20 -34.59	130.67 12.45 -26.68	125.12 12.15 -26.79	107.40 11.46 -12.30	105.91 10.49 -13.48
PROJECT___ORANGE 1 24174	70.37 -0.80 -4.72	69.58 -0.86 -4.06	68.91 -0.80 -3.26	69.32 -0.87 -2.91	75.90 -0.82 -2.49	77.54 -0.62 -1.13	88.20 -0.34 -3.86	91.89 -0.34 -6.39	88.77 -0.26 -2.30	87.97 -0.43 -2.58	87.08 -0.35 -0.70	82.07 -0.66 -0.29	81.78 -0.66 0.00	82.37 -0.58 0.00	83.21 -0.50 0.00	89.67 -0.45 -0.11	92.05 -0.46 -0.90	115.26 -0.46 -0.72	98.26 -0.49 -0.94	97.64 -0.58 -1.14	92.39 -0.55 -1.40	86.24 -0.95 -1.01	83.82 -1.00 -1.18	82.32 -0.98 -1.37
PROJECT___ORANGE 2 24166	70.37 -0.80 -4.72	69.58 -0.86 -4.06	68.91 -0.80 -3.26	69.32 -0.87 -2.91	75.90 -0.82 -2.49	77.54 -0.62 -1.13	88.20 -0.34 -3.86	91.89 -0.34 -6.39	88.77 -0.26 -2.30	87.97 -0.43 -2.58	87.08 -0.35 -0.70	82.07 -0.66 -0.29	81.78 -0.66 0.00	82.37 -0.58 0.00	83.21 -0.50 0.00	89.67 -0.45 -0.11	92.05 -0.46 -0.90	115.26 -0.46 -0.72	98.26 -0.49 -0.94	97.64 -0.58 -1.14	92.39 -0.55 -1.40	86.24 -0.95 -1.01	83.82 -1.00 -1.18	82.32 -0.98 -1.37
PUCKETT___SOLAR 323809	84.54 1.66 -16.44	81.98 1.46 -14.15	79.38 1.59 -11.35	79.02 1.61 -10.12	84.75 1.86 -8.66	90.16 2.31 -10.83	104.43 3.04 -16.71	111.53 3.44 -22.24	104.81 3.21 -14.87	97.62 2.83 -8.97	91.93 2.77 -2.43	85.51 2.06 -1.01	84.41 1.98 0.00	85.36 2.41 0.00	86.56 2.85 0.00	93.37 2.97 -0.40	98.11 3.29 -3.21	122.83 5.18 -2.66	105.43 3.92 -3.70	104.74 3.69 -3.97	99.80 3.39 -4.87	92.72 3.01 -3.52	90.19 2.43 -4.12	89.16 2.46 -4.76
PYRITES___HYD 24023	66.31 -0.13 0.00	66.24 -0.13 0.00	66.18 -0.27 0.00	67.02 -0.27 0.00	73.86 -0.37 0.00	76.33 -0.69 0.00	83.40 -1.27 0.00	84.22 -1.63 0.00	83.43 -3.30 0.00	82.82 -3.00 0.00	83.00 -3.73 0.00	79.88 -2.56 0.00	79.72 -2.72 0.00	80.38 -2.57 0.00	81.11 -2.59 0.00	85.69 -4.32 0.00	87.66 -3.94 0.00	109.94 -5.06 0.00	93.51 -4.30 0.00	93.00 -4.08 0.00	87.52 -4.03 0.00	84.63 -1.55 0.00	82.98 -0.67 0.00	81.86 -0.08 0.00
QUAKERRD_115KV_BK1 80622	68.59 -3.85 -6.00	67.76 -3.78 -5.17	66.93 -3.65 -4.14	67.48 -3.50 -3.70	73.61 -3.79 -3.16	74.76 -3.70 -1.44	86.03 -3.56 -4.91	90.19 -3.78 -8.12	85.93 -3.73 -2.93	84.98 -4.12 -3.28	83.45 -4.16 -0.89	78.35 -4.45 -0.37	77.41 -5.03 0.00	77.98 -4.98 0.00	78.85 -4.86 0.00	85.56 -4.59 -0.14	88.09 -4.67 -1.16	109.26 -6.67 -0.94	93.85 -5.18 -1.21	93.39 -5.15 -1.45	88.65 -4.67 -1.78	82.21 -5.26 -1.29	80.21 -4.94 -1.50	78.93 -4.75 -1.74
QUEENSBRY_115KV_TB8 356137	134.89 5.58 -62.86	126.00 5.51 -54.12	115.22 5.38 -43.39	111.44 5.45 -38.70	113.51 6.16 -33.12	168.85 6.70 -85.13	176.81 7.71 -84.44	178.99 8.07 -85.07	194.84 8.15 -99.95	127.33 7.21 -34.30	103.22 7.20 -9.29	92.47 6.18 -3.85	88.62 6.18 0.00	89.18 6.22 0.00	90.32 6.61 0.00	97.80 7.65 -0.14	106.73 8.15 -6.97	124.45 10.92 1.47	107.67 9.00 -0.86	121.02 8.74 -15.20	117.85 7.96 -18.34	106.80 7.15 -13.46	106.09 6.69 -15.75	106.29 6.15 -18.20
RAMAPO___LBMP 323565	115.45 4.32 -44.69	109.09 4.25 -38.47	101.61 4.32 -30.85	99.17 4.37 -27.52	102.53 4.75 -23.55	107.28 4.85 -25.40	133.88 5.67 -43.54	152.85 6.52 -60.48	130.09 6.94 -36.42	117.16 6.95 -24.39	100.45 7.11 -6.61	91.94 6.76 -2.74	89.36 6.92 0.00	89.76 6.80 0.00	90.82 7.12 0.00	101.08 7.56 -3.51	117.29 7.60 -18.08	152.22 9.77 -27.45	141.67 8.12 -35.73	115.95 8.06 -10.81	112.97 7.69 -13.74	102.47 6.72 -9.57	101.03 6.19 -11.20	100.62 5.74 -12.94
RANKINE____ 23646	70.09 -4.65 -8.30	68.94 -4.58 -7.15	67.66 -4.52 -5.73	67.75 -4.64 -5.11	73.48 -5.12 -4.37	76.76 -5.08 -4.82	87.31 -5.50 -8.14	90.98 -6.10 -11.23	87.45 -6.16 -6.88	83.74 -6.61 -4.53	81.45 -6.50 -1.23	76.19 -6.76 -0.51	77.24 -5.19 0.00	77.90 -5.06 0.00	78.94 -4.77 0.00	83.28 -6.93 -0.20	85.52 -7.69 -1.61	108.84 -7.47 -1.32	91.81 -7.83 -1.82	90.74 -8.35 -2.01	86.40 -7.60 -2.46	79.69 -8.27 -1.78	78.28 -7.44 -2.08	77.71 -6.64 -2.40
RAVENSWOOD_GT2_1 24244	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	120.14 8.93 -25.39	102.63 9.02 -6.88	93.78 8.49 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.58 8.87 0.00	103.30 9.54 -3.75	120.33 9.53 -19.20	156.46 12.07 -29.39	146.23 10.17 -38.24	118.43 10.10 -11.25	115.39 9.52 -14.33	104.68 8.53 -9.97	103.25 7.95 -11.66	102.79 7.37 -13.48

RAVENSWOOD_GT2_2 24245	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	120.14 8.93 -25.39	102.63 9.02 -6.88	93.78 8.49 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.58 8.87 0.00	103.30 9.54 -3.75	120.33 9.53 -19.20	156.46 12.07 -29.39	146.23 10.17 -38.24	118.43 10.10 -11.25	115.39 9.52 -14.33	104.68 8.53 -9.97	103.25 7.95 -11.66	102.79 7.37 -13.48
RAVENSWOOD_GT2_3 24246	118.49 5.51 -46.53	111.81 5.38 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.15 8.33 -62.97	133.47 8.85 -37.90	120.22 9.01 -25.39	102.63 9.02 -6.88	93.86 8.57 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.66 8.96 0.00	103.39 9.63 -3.75	120.33 9.53 -19.20	156.58 12.19 -29.39	146.23 10.17 -38.24	118.43 10.10 -11.25	115.48 9.61 -14.33	104.77 8.62 -9.97	103.25 7.95 -11.66	102.87 7.46 -13.48
RAVENSWOOD_GT2_4 24247	118.49 5.51 -46.53	111.81 5.38 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.76 6.01 -24.52	109.61 6.16 -26.43	137.27 7.28 -45.32	157.15 8.33 -62.97	133.47 8.85 -37.90	120.22 9.01 -25.39	102.63 9.02 -6.88	93.86 8.57 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.66 8.96 0.00	103.39 9.63 -3.75	120.33 9.53 -19.20	156.58 12.19 -29.39	146.23 10.17 -38.24	118.43 10.10 -11.25	115.48 9.61 -14.33	104.77 8.62 -9.97	103.25 7.95 -11.66	102.87 7.46 -13.48
RAVENSWOOD_GT3_1 24248	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.69 5.94 -24.52	109.61 6.16 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	120.14 8.93 -25.39	102.63 9.02 -6.88	93.78 8.49 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.58 8.87 0.00	103.30 9.54 -3.75	120.33 9.53 -19.20	156.46 12.07 -29.39	146.23 10.17 -38.24	118.43 10.10 -11.25	115.39 9.52 -14.33	104.68 8.53 -9.97	103.25 7.95 -11.66	102.87 7.46 -13.48
RAVENSWOOD_GT3_2 24249	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.45 5.52 -28.65	104.69 5.94 -24.52	109.61 6.16 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	120.14 8.93 -25.39	102.63 9.02 -6.88	93.78 8.49 -2.85	91.09 8.66 0.00	91.58 8.63 0.00	92.58 8.87 0.00	103.30 9.54 -3.75	120.33 9.53 -19.20	156.46 12.07 -29.39	146.23 10.17 -38.24	118.43 10.10 -11.25	115.39 9.52 -14.33	104.68 8.53 -9.97	103.25 7.95 -11.66	102.87 7.46 -13.48
RAVENSWOOD_GT3_3 24250	118.56 5.58 -46.53	111.87 5.44 -40.06	104.08 5.51 -32.12	101.52 5.58 -28.65	104.84 6.09 -24.52	109.69 6.24 -26.43	137.36 7.37 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.90	120.31 9.10 -25.39	102.72 9.11 -6.88	93.95 8.66 -2.85	91.18 8.74 0.00	91.67 8.71 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.51 9.71 -19.20	156.69 12.30 -29.39	146.32 10.27 -38.24	118.53 10.19 -11.25	115.57 9.70 -14.33	104.85 8.70 -9.97	103.34 8.03 -11.66	102.95 7.54 -13.48
RAVENSWOOD_GT3_4 24251	118.56 5.58 -46.53	111.87 5.44 -40.06	104.08 5.51 -32.12	101.52 5.58 -28.65	104.84 6.09 -24.52	109.69 6.24 -26.43	137.36 7.37 -45.32	157.23 8.41 -62.97	133.56 8.93 -37.90	120.31 9.10 -25.39	102.72 9.11 -6.88	93.95 8.66 -2.85	91.18 8.74 0.00	91.67 8.71 0.00	92.75 9.04 0.00	103.48 9.72 -3.75	120.51 9.71 -19.20	156.69 12.30 -29.39	146.32 10.27 -38.24	118.53 10.19 -11.25	115.57 9.70 -14.33	104.85 8.70 -9.97	103.34 8.03 -11.66	102.95 7.54 -13.48
RAVENSWOOD_GT_1 23729	118.82 5.85 -46.53	112.01 5.58 -40.06	104.28 5.71 -32.12	101.72 5.79 -28.65	104.98 6.24 -24.52	109.84 6.39 -26.43	137.61 7.62 -45.32	157.67 8.84 -62.98	133.91 9.28 -37.90	126.98 9.44 -31.72	109.16 9.54 -12.89	110.75 8.99 -19.32	111.60 9.15 -20.01	100.28 9.13 -8.20	95.55 9.38 -2.47	103.85 10.08 -3.76	131.31 10.08 -29.63	165.55 12.76 -37.79	152.83 10.76 -44.25	122.52 10.68 -14.76	115.95 10.07 -14.34	105.21 9.05 -9.98	103.68 8.36 -11.67	109.63 7.87 -19.82
RAVENSWOOD_GT_10 24258	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	119.58 8.93 -24.83	102.14 9.02 -6.39	92.40 8.49 -1.47	89.43 8.66 1.66	90.96 8.63 0.62	92.46 8.87 0.12	103.30 9.54 -3.75	119.41 9.53 -18.28	155.72 12.07 -28.64	145.69 10.17 -37.70	118.12 10.10 -10.94	115.39 9.52 -14.33	104.68 8.53 -9.97	103.17 7.86 -11.66	102.66 7.37 -13.35
RAVENSWOOD_GT_11 24259	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	119.58 8.93 -24.83	102.14 9.02 -6.39	92.40 8.49 -1.47	89.43 8.66 1.66	90.96 8.63 0.62	92.46 8.87 0.12	103.30 9.54 -3.75	119.41 9.53 -18.28	155.72 12.07 -28.64	145.69 10.17 -37.70	118.12 10.10 -10.94	115.39 9.52 -14.33	104.68 8.53 -9.97	103.17 7.86 -11.66	102.66 7.37 -13.35
RAVENSWOOD_GT_4 24252	118.43 5.45 -46.53	111.74 5.31 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.06 8.24 -62.97	133.39 8.76 -37.90	116.34 8.84 -21.68	99.73 8.93 -4.07	85.33 8.49 5.60	81.00 8.57 10.01	88.31 8.54 3.19	92.49 8.79 0.01	103.20 9.45 -3.74	114.13 9.43 -13.09	151.42 11.96 -24.47	142.60 10.08 -34.71	116.28 10.00 -9.20	115.29 9.43 -14.32	104.59 8.45 -9.96	103.16 7.86 -11.66	105.61 7.29 -16.37
RAVENSWOOD_GT_5 24254	118.43 5.45 -46.53	111.74 5.31 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.06 8.24 -62.97	133.39 8.76 -37.90	116.34 8.84 -21.68	99.73 8.93 -4.07	85.33 8.49 5.60	81.00 8.57 10.01	88.31 8.54 3.19	92.49 8.79 0.01	103.20 9.45 -3.74	114.13 9.43 -13.09	151.42 11.96 -24.47	142.60 10.08 -34.71	116.28 10.00 -9.20	115.29 9.43 -14.32	104.59 8.45 -9.96	103.16 7.86 -11.66	105.61 7.29 -16.37
RAVENSWOOD_GT_6 24253	118.43 5.45 -46.53	111.74 5.31 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.06 8.24 -62.97	133.39 8.76 -37.90	116.34 8.84 -21.68	99.73 8.93 -4.07	85.33 8.49 5.60	81.00 8.57 10.01	88.31 8.54 3.19	92.49 8.79 0.01	103.20 9.45 -3.74	114.13 9.43 -13.09	151.42 11.96 -24.47	142.60 10.08 -34.71	116.28 10.00 -9.20	115.29 9.43 -14.32	104.59 8.45 -9.96	103.16 7.86 -11.66	105.61 7.29 -16.37
RAVENSWOOD_GT_7 24255	118.43 5.45 -46.53	111.74 5.31 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.06 8.24 -62.97	133.39 8.76 -37.90	116.34 8.84 -21.68	99.73 8.93 -4.07	85.33 8.49 5.60	81.00 8.57 10.01	88.31 8.54 3.19	92.49 8.79 0.01	103.20 9.45 -3.74	114.13 9.43 -13.09	151.42 11.96 -24.47	142.60 10.08 -34.71	116.28 10.00 -9.20	115.29 9.43 -14.32	104.59 8.45 -9.96	103.16 7.86 -11.66	105.61 7.29 -16.37
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	119.58 8.93 -24.83	102.14 9.02 -6.39	92.40 8.49 -1.47	89.43 8.66 1.66	90.96 8.63 0.62	92.46 8.87 0.12	103.30 9.54 -3.75	119.41 9.53 -18.28	155.72 12.07 -28.64	145.69 10.17 -37.70	118.12 10.10 -10.94	115.39 9.52 -14.33	104.68 8.53 -9.97	103.17 7.86 -11.66	102.66 7.37 -13.35

RAVENSWOOD_GT_9 24257	118.49 5.51 -46.53	111.74 5.31 -40.06	104.01 5.45 -32.12	101.38 5.45 -28.65	104.69 5.94 -24.52	109.54 6.08 -26.43	137.19 7.20 -45.32	157.15 8.33 -62.97	133.39 8.76 -37.90	119.58 8.93 -24.83	102.14 9.02 -6.39	92.40 8.49 -1.47	89.43 8.66 1.66	90.96 8.63 0.62	92.46 8.87 0.12	103.30 9.54 -3.75	119.41 9.53 -18.28	155.72 12.07 -28.64	145.69 10.17 -37.70	118.12 10.10 -10.94	115.39 9.52 -14.33	104.68 8.53 -9.97	103.17 7.86 -11.66	102.66 7.37 -13.35
RAVENSWOOD___1 23533	118.76 5.78 -46.53	111.94 5.51 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.53 7.53 -45.32	157.93 9.10 -62.98	134.25 9.63 -37.90	126.31 9.52 -30.96	108.06 9.63 -11.70	108.07 9.07 -16.56	108.07 9.15 -16.48	98.32 9.21 -6.16	94.31 9.37 -1.23	103.76 9.99 -3.76	129.97 9.99 -28.38	164.43 12.65 -36.78	152.01 10.66 -43.53	122.00 10.58 -14.34	115.95 10.07 -14.34	105.29 9.13 -9.97	103.68 8.36 -11.67	104.38 7.70 -14.74
RAVENSWOOD___2 23534	118.76 5.78 -46.53	111.88 5.44 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.92 6.47 -26.43	137.53 7.53 -45.32	157.84 9.01 -62.98	134.17 9.54 -37.90	126.29 9.52 -30.94	107.95 9.54 -11.68	107.93 8.99 -16.51	107.93 9.07 -16.42	98.30 9.21 -6.14	94.31 9.37 -1.23	103.67 9.90 -3.76	129.93 9.99 -28.34	164.40 12.65 -36.75	151.99 10.66 -43.51	121.99 10.58 -14.33	115.86 9.98 -14.34	105.29 9.13 -9.97	103.68 8.36 -11.67	104.37 7.70 -14.73
RAVENSWOOD___3 23535	118.49 5.51 -46.53	111.74 5.31 -40.06	104.02 5.45 -32.12	101.45 5.52 -28.65	104.69 5.94 -24.52	109.69 6.24 -26.43	137.28 7.28 -45.32	157.49 8.67 -62.97	133.82 9.19 -37.90	120.40 9.19 -25.39	102.80 9.19 -6.88	93.94 8.65 -2.85	91.17 8.73 0.00	91.74 8.79 0.00	92.67 8.96 0.00	103.30 9.54 -3.75	120.33 9.53 -19.20	156.46 12.07 -29.39	146.23 10.17 -38.24	118.43 10.10 -11.25	115.39 9.52 -14.33	104.85 8.70 -9.97	103.26 7.95 -11.66	102.71 7.29 -13.48
RAVENSWOOD___4 23820	118.76 5.78 -46.53	111.88 5.44 -40.06	104.21 5.64 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.84 6.39 -26.43	137.53 7.53 -45.32	157.84 9.01 -62.98	134.17 9.54 -37.90	125.54 9.52 -30.19	106.78 9.54 -10.51	105.21 8.99 -13.79	104.45 9.07 -12.94	96.21 9.13 -4.13	93.09 9.37 -0.01	103.67 9.90 -3.76	128.61 9.90 -27.11	163.29 12.54 -35.76	151.18 10.57 -42.79	121.48 10.49 -13.91	115.86 9.98 -14.34	105.29 9.13 -9.97	103.59 8.28 -11.67	99.37 7.70 -9.73
RCPT_TRUST___DRP 24196	118.48 5.51 -46.52	111.80 5.38 -40.05	104.01 5.45 -32.11	101.45 5.52 -28.64	104.76 6.01 -24.51	109.61 6.16 -26.43	137.27 7.28 -45.31	157.22 8.41 -62.96	133.55 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.67 8.71 0.00	92.75 9.04 0.00	103.39 9.63 -3.75	120.51 9.71 -19.20	156.68 12.30 -29.38	146.31 10.27 -38.23	118.53 10.19 -11.25	115.48 9.61 -14.33	104.68 8.53 -9.96	103.17 7.86 -11.66	102.79 7.37 -13.47
RED___ROCHESTER 323720	69.95 -2.66 -6.17	68.83 -2.85 -5.31	68.11 -2.59 -4.26	68.86 -2.22 -3.80	75.03 -2.45 -3.25	78.37 -2.16 -3.51	88.57 -2.11 -6.01	92.48 -1.72 -8.35	89.86 -1.91 -5.04	86.78 -2.40 -3.37	85.30 -2.34 -0.91	79.93 -2.89 -0.38	79.22 -3.22 0.00	78.98 -3.98 0.00	80.19 -3.51 0.00	87.46 -2.70 -0.14	89.86 -2.93 -1.19	111.36 -4.60 -0.96	95.72 -3.43 -1.33	95.17 -3.40 -1.49	90.53 -2.84 -1.83	84.57 -2.93 -1.32	81.76 -3.43 -1.55	80.86 -2.87 -1.79
REGAN___SOLAR 323812	139.24 5.58 -67.22	129.74 5.51 -57.86	118.22 5.38 -46.40	114.12 5.45 -41.38	115.88 6.24 -35.42	168.85 6.85 -84.98	180.24 8.13 -87.44	185.23 8.42 -90.97	195.60 7.97 -100.89	128.68 6.18 -36.68	102.74 6.07 -9.94	91.17 4.61 -4.12	86.89 4.45 0.00	87.68 4.73 0.00	88.98 5.28 0.00	97.01 6.84 -0.16	106.89 7.78 -7.50	124.41 10.81 1.40	107.65 8.90 -0.94	122.17 8.83 -16.25	119.12 7.96 -19.62	107.99 7.41 -14.40	107.18 6.69 -16.84	107.55 6.15 -19.47
RENSSELAER___COGEN 23796	129.71 2.52 -60.74	121.25 2.59 -52.29	111.03 2.66 -41.93	107.37 2.69 -37.40	109.21 2.97 -32.00	134.06 3.08 -53.96	156.36 3.39 -68.30	171.05 3.00 -82.20	158.61 3.21 -68.67	122.40 3.44 -33.15	99.52 3.81 -8.98	89.78 3.62 -3.72	85.98 3.54 0.00	86.60 3.65 0.00	86.39 2.68 0.00	93.10 3.06 -0.02	101.03 3.12 -6.32	117.55 4.37 1.82	100.94 3.72 0.60	115.16 3.40 -14.69	112.37 3.11 -17.71	102.21 3.01 -13.01	102.30 3.43 -15.22	102.89 3.36 -17.59
REPUBLIC_115KV_BARTNBRK 55605	137.37 8.11 -62.82	128.49 8.03 -54.08	117.52 7.71 -43.36	113.77 7.81 -38.68	116.24 8.91 -33.10	171.54 9.70 -84.82	180.20 11.26 -84.26	182.80 11.93 -85.02	198.17 11.80 -99.64	130.23 10.13 -34.28	106.25 10.23 -9.29	94.94 8.66 -3.85	91.01 8.57 0.00	91.67 8.71 0.00	92.92 9.21 0.00	100.95 10.80 -0.14	110.12 11.54 -6.98	129.31 15.75 1.44	111.51 12.81 -0.88	124.60 12.33 -15.19	121.04 11.17 -18.33	109.72 10.08 -13.46	108.84 9.45 -15.74	108.74 8.60 -18.19
REVERE_CPDR_DRP 24186	71.56 2.59 -2.52	71.07 2.52 -2.17	70.78 2.59 -1.74	71.39 2.56 -1.55	78.68 3.12 -1.33	81.32 3.70 -0.60	91.65 4.91 -2.06	94.32 5.06 -3.41	92.82 4.86 -1.23	91.74 4.55 -1.38	91.53 4.42 -0.37	86.30 3.71 -0.15	86.15 3.71 0.00	86.77 3.82 0.00	87.64 3.93 0.00	94.52 4.50 -0.01	96.76 4.85 -0.30	121.32 6.32 0.00	102.91 5.09 -0.01	102.74 5.05 -0.61	96.77 4.49 -0.74	90.68 3.96 -0.54	88.04 3.76 -0.63	86.03 3.36 -0.73
REYNOLDS_115KV_TB3 80639	130.84 3.39 -61.00	122.27 3.39 -52.52	112.01 3.46 -42.11	108.34 3.50 -37.56	110.23 3.86 -32.14	143.19 4.01 -62.16	161.33 4.32 -72.34	172.70 4.29 -82.56	168.24 4.68 -76.83	123.74 4.63 -33.29	100.43 4.68 -9.02	90.63 4.45 -3.74	86.97 4.53 0.00	87.52 4.56 0.00	87.64 3.93 0.00	94.59 4.41 -0.17	102.98 4.49 -6.89	118.75 5.17 1.42	102.37 4.50 -0.05	116.20 4.37 -14.75	113.37 4.03 -17.80	103.04 3.79 -13.07	103.03 4.10 -15.29	103.46 3.85 -17.67
RIVERBAY____ 323610	119.36 6.38 -46.53	112.21 5.77 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.28 6.53 -24.52	110.07 6.62 -26.43	137.87 7.87 -45.32	157.91 9.10 -62.97	134.08 9.45 -37.90	120.82 9.61 -25.39	103.23 9.63 -6.87	94.35 9.07 -2.84	91.66 9.23 0.01	92.16 9.21 0.01	93.24 9.54 0.01	104.01 10.26 -3.74	121.06 10.26 -19.20	157.37 12.99 -29.38	147.00 10.96 -38.23	119.20 10.87 -11.24	116.12 10.25 -14.32	105.36 9.22 -9.96	103.93 8.62 -11.67	103.52 8.11 -13.47
RIVERSDE_115KV_TB3 55908	130.40 2.92 -61.03	121.90 2.99 -52.54	111.56 2.99 -42.13	107.89 3.03 -37.58	109.73 3.34 -32.16	139.55 3.54 -58.99	159.35 3.81 -70.87	172.05 3.61 -82.60	164.34 3.90 -73.70	123.07 3.95 -33.31	100.09 4.34 -9.02	90.22 4.04 -3.74	86.56 4.12 0.00	87.10 4.15 0.00	86.97 3.26 0.00	93.77 3.69 -0.07	101.87 3.76 -6.51	118.30 4.94 1.64	101.80 4.21 0.22	115.82 3.98 -14.76	113.01 3.66 -17.80	102.79 3.53 -13.07	102.79 3.85 -15.29	103.30 3.69 -17.67
ROARING___BROOK_WT_PWR 323790	65.25 -1.19 0.00	65.25 -1.13 0.00	65.32 -1.13 0.00	66.21 -1.08 0.00	73.19 -1.04 0.00	75.94 -1.08 0.00	83.49 -1.19 0.00	84.47 -1.38 0.00	85.17 -1.56 0.00	84.44 -1.38 0.00	85.34 -1.39 0.00	81.36 -1.07 0.00	81.45 -0.99 0.00	81.96 -0.99 0.00	82.71 -1.00 0.00	88.66 -1.35 0.00	90.23 -1.37 0.00	113.15 -1.84 0.00	96.35 -1.46 0.00	95.63 -1.45 0.00	90.07 -1.47 0.00	84.97 -1.21 0.00	82.81 -0.84 0.00	81.28 -0.66 0.00

ROCHESRG_115KV_T4 355643	69.44 -3.12 -6.12	68.59 -3.05 -5.27	67.74 -2.92 -4.22	68.22 -2.83 -3.77	74.41 -3.04 -3.22	77.57 -2.93 -3.48	87.84 -2.79 -5.96	91.03 -3.09 -8.28	88.69 -3.04 -4.99	85.73 -3.43 -3.34	84.08 -3.56 -0.90	78.94 -3.87 -0.37	77.90 -4.53 0.00	78.56 -4.40 0.00	79.44 -4.27 0.00	86.19 -3.96 -0.14	88.75 -4.03 -1.18	109.97 -5.98 -0.95	94.53 -4.60 -1.31	94.10 -4.47 -1.48	89.42 -3.94 -1.81	82.75 -4.74 -1.31	80.83 -4.35 -1.53	79.61 -4.10 -1.77
ROCHESTER_9_IC 23652	69.76 -2.86 -6.17	68.90 -2.79 -5.31	68.05 -2.66 -4.26	68.59 -2.49 -3.80	74.81 -2.67 -3.25	78.06 -2.46 -3.51	88.48 -2.20 -6.01	91.70 -2.49 -8.35	89.34 -2.43 -5.04	86.35 -2.83 -3.37	84.69 -2.95 -0.91	79.44 -3.38 -0.38	78.48 -3.96 0.00	79.06 -3.90 0.00	80.02 -3.68 0.00	86.73 -3.42 -0.14	89.31 -3.48 -1.19	110.79 -5.17 -0.96	95.23 -3.91 -1.33	94.69 -3.88 -1.49	89.98 -3.39 -1.83	83.37 -4.14 -1.32	81.34 -3.85 -1.55	80.12 -3.61 -1.79
ROCKVIEW_13_KV_LD 356306	118.36 5.38 -46.53	111.74 5.31 -40.06	103.95 5.38 -32.12	101.38 5.45 -28.65	104.61 5.86 -24.52	109.53 6.08 -26.43	137.19 7.20 -45.32	156.97 8.16 -62.97	133.30 8.67 -37.90	119.88 8.67 -25.39	102.37 8.76 -6.88	93.62 8.33 -2.85	90.93 8.49 0.00	91.33 8.38 0.00	92.41 8.71 0.00	103.12 9.36 -3.75	120.15 9.34 -19.20	156.34 11.96 -29.39	146.12 10.08 -38.23	118.33 10.00 -11.25	115.30 9.43 -14.33	104.51 8.36 -9.97	103.00 7.70 -11.66	102.62 7.21 -13.47
ROME____115KV_TB2 80656	71.56 2.59 -2.52	71.07 2.52 -2.17	70.78 2.59 -1.74	71.39 2.56 -1.55	78.68 3.12 -1.33	81.32 3.70 -0.60	91.65 4.91 -2.06	94.32 5.06 -3.41	92.82 4.86 -1.23	91.74 4.55 -1.38	91.53 4.42 -0.37	86.30 3.71 -0.15	86.15 3.71 0.00	86.77 3.82 0.00	87.64 3.93 0.00	94.52 4.50 -0.01	96.76 4.85 -0.30	121.32 6.32 0.00	102.91 5.09 -0.01	102.74 5.05 -0.61	96.77 4.49 -0.74	90.68 3.96 -0.54	88.04 3.76 -0.63	86.03 3.36 -0.73
ROSETON___1 23587	117.00 4.52 -46.03	110.45 4.45 -39.63	102.74 4.52 -31.77	100.20 4.58 -28.34	103.46 4.97 -24.25	108.33 5.16 -26.15	135.43 5.93 -44.83	155.01 6.87 -62.29	131.51 7.29 -37.49	118.15 7.21 -25.12	100.82 7.29 -6.80	92.10 6.84 -2.82	89.36 6.93 0.00	89.92 6.97 0.00	90.91 7.20 0.00	101.43 7.74 -3.68	118.28 7.78 -18.90	153.75 9.89 -28.86	143.68 8.31 -37.55	116.46 8.25 -11.13	113.49 7.78 -14.17	103.11 7.07 -9.86	101.53 6.35 -11.53	101.17 5.90 -13.33
ROSETON___2 23588	117.00 4.52 -46.03	110.45 4.45 -39.63	102.74 4.52 -31.77	100.20 4.58 -28.34	103.46 4.97 -24.25	108.33 5.16 -26.15	135.43 5.93 -44.83	155.01 6.87 -62.29	131.51 7.29 -37.49	118.15 7.21 -25.12	100.82 7.29 -6.80	92.10 6.84 -2.82	89.36 6.93 0.00	89.92 6.97 0.00	90.91 7.20 0.00	101.43 7.74 -3.68	118.28 7.78 -18.90	153.75 9.89 -28.86	143.68 8.31 -37.55	116.46 8.25 -11.13	113.49 7.78 -14.17	103.11 7.07 -9.86	101.53 6.35 -11.53	101.17 5.90 -13.33
ROTRRDAM_115KV_TB3 80664	132.78 2.79 -63.54	123.86 2.79 -54.70	113.10 2.79 -43.86	109.23 2.83 -39.12	110.83 3.12 -33.48	170.67 3.39 -90.26	175.81 3.81 -87.33	175.79 3.95 -86.00	196.00 4.08 -105.19	124.27 3.78 -34.68	99.85 3.73 -9.39	89.63 3.30 -3.89	85.82 3.38 0.00	86.36 3.40 0.00	87.22 3.52 0.00	94.14 4.05 -0.08	102.62 4.21 -6.81	118.57 5.52 1.95	102.86 4.60 -0.44	116.91 4.47 -15.37	114.28 4.21 -18.53	103.58 3.79 -13.61	103.25 3.68 -15.92	103.70 3.36 -18.40
RUSSELL___1 23602	69.96 -2.66 -6.17	69.16 -2.52 -5.31	68.31 -2.39 -4.26	68.86 -2.22 -3.80	75.18 -2.30 -3.25	78.45 -2.08 -3.51	88.99 -1.69 -6.01	92.13 -2.06 -8.35	89.86 -1.91 -5.04	86.87 -2.32 -3.37	85.21 -2.43 -0.91	79.93 -2.89 -0.38	78.89 -3.54 0.00	79.55 -3.40 0.00	80.44 -3.26 0.00	87.27 -2.88 -0.14	89.86 -2.93 -1.19	111.36 -4.60 -0.96	95.82 -3.33 -1.33	95.18 -3.40 -1.49	90.53 -2.84 -1.83	83.80 -3.71 -1.32	81.76 -3.43 -1.55	80.53 -3.20 -1.79
RUSSELL___2 23532	69.96 -2.66 -6.17	69.16 -2.52 -5.31	68.31 -2.39 -4.26	68.86 -2.22 -3.80	75.18 -2.30 -3.25	78.45 -2.08 -3.51	88.99 -1.69 -6.01	92.13 -2.06 -8.35	89.86 -1.91 -5.04	86.87 -2.32 -3.37	85.21 -2.43 -0.91	79.93 -2.89 -0.38	78.89 -3.54 0.00	79.55 -3.40 0.00	80.44 -3.26 0.00	87.27 -2.88 -0.14	89.86 -2.93 -1.19	111.36 -4.60 -0.96	95.82 -3.33 -1.33	95.18 -3.40 -1.49	90.53 -2.84 -1.83	83.80 -3.71 -1.32	81.76 -3.43 -1.55	80.53 -3.20 -1.79
RUSSELL___3 23549	69.96 -2.66 -6.17	69.16 -2.52 -5.31	68.31 -2.39 -4.26	68.86 -2.22 -3.80	75.18 -2.30 -3.25	78.45 -2.08 -3.51	88.99 -1.69 -6.01	92.13 -2.06 -8.35	89.86 -1.91 -5.04	86.87 -2.32 -3.37	85.21 -2.43 -0.91	79.93 -2.89 -0.38	78.89 -3.54 0.00	79.55 -3.40 0.00	80.44 -3.26 0.00	87.27 -2.88 -0.14	89.86 -2.93 -1.19	111.36 -4.60 -0.96	95.82 -3.33 -1.33	95.18 -3.40 -1.49	90.53 -2.84 -1.83	83.80 -3.71 -1.32	81.76 -3.43 -1.55	80.53 -3.20 -1.79
RUSSELL___4 23556	69.96 -2.66 -6.17	69.16 -2.52 -5.31	68.31 -2.39 -4.26	68.86 -2.22 -3.80	75.18 -2.30 -3.25	78.45 -2.08 -3.51	88.99 -1.69 -6.01	92.13 -2.06 -8.35	89.86 -1.91 -5.04	86.87 -2.32 -3.37	85.21 -2.43 -0.91	79.93 -2.89 -0.38	78.89 -3.54 0.00	79.55 -3.40 0.00	80.44 -3.26 0.00	87.27 -2.88 -0.14	89.86 -2.93 -1.19	111.36 -4.60 -0.96	95.82 -3.33 -1.33	95.18 -3.40 -1.49	90.53 -2.84 -1.83	83.80 -3.71 -1.32	81.76 -3.43 -1.55	80.53 -3.20 -1.79
RUSSELL___STATION 23914	69.96 -2.66 -6.17	69.16 -2.52 -5.31	68.31 -2.39 -4.26	68.86 -2.22 -3.80	75.18 -2.30 -3.25	78.45 -2.08 -3.51	88.99 -1.69 -6.01	92.13 -2.06 -8.35	89.86 -1.91 -5.04	86.87 -2.32 -3.37	85.21 -2.43 -0.91	79.93 -2.89 -0.38	78.89 -3.54 0.00	79.55 -3.40 0.00	80.44 -3.26 0.00	87.27 -2.88 -0.14	89.86 -2.93 -1.19	111.36 -4.60 -0.96	95.82 -3.33 -1.33	95.18 -3.40 -1.49	90.53 -2.84 -1.83	83.80 -3.71 -1.32	81.76 -3.43 -1.55	80.53 -3.20 -1.79
S SALMON___HYD 24043	68.83 -1.07 -3.45	68.15 -1.19 -2.97	67.70 -1.13 -2.38	68.27 -1.14 -2.12	74.94 -1.11 -1.82	77.08 -0.77 -0.83	86.99 -0.50 -2.82	90.26 -0.26 -4.67	87.98 -0.43 -1.68	87.11 -0.60 -1.88	86.54 -0.70 -0.51	81.74 -0.91 -0.21	81.53 -0.91 0.00	81.96 -0.99 0.00	82.95 -0.75 0.00	89.21 -0.81 -0.02	91.28 -0.74 -0.42	114.20 -0.80 0.00	97.04 -0.79 -0.01	97.14 -0.78 -0.83	91.82 -0.74 -1.01	86.32 -0.60 -0.74	83.67 -0.84 -0.86	81.96 -0.98 -1.00
S.PERRY___115KV_TB1 80734	74.05 -1.13 -8.74	72.77 -1.13 -7.52	71.61 -0.86 -6.03	72.12 -0.54 -5.38	78.46 -0.37 -4.60	82.42 0.31 -5.09	94.60 1.35 -8.57	96.21 -1.46 -11.82	92.34 -1.65 -7.25	88.44 -2.15 -4.77	85.59 -2.43 -1.29	79.92 -3.05 -0.54	79.47 -2.97 0.00	80.22 -2.74 0.00	81.36 -2.34 0.00	87.97 -2.25 -0.21	91.19 -2.11 -1.69	113.96 -2.41 -1.38	97.57 -2.15 -1.90	96.67 -2.52 -2.11	94.86 0.73 -2.59	87.45 -0.60 -1.87	85.25 -0.59 -2.19	83.98 -0.49 -2.53
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	69.35 -5.05 -7.95	68.31 -4.91 -6.84	67.08 -4.85 -5.49	67.13 -5.05 -4.89	72.93 -5.49 -4.19	76.00 -5.62 -4.60	86.37 -6.10 -7.79	89.82 -6.78 -10.76	86.54 -6.76 -6.58	82.95 -7.21 -4.34	80.71 -7.20 -1.18	75.51 -7.42 -0.49	75.76 -6.68 0.00	76.32 -6.64 0.00	77.35 -6.36 0.00	82.46 -7.74 -0.19	84.71 -8.43 -1.54	106.60 -9.66 -1.26	90.65 -8.90 -1.74	89.88 -9.13 -1.92	85.66 -8.24 -2.36	78.92 -8.96 -1.70	77.61 -8.03 -1.99	77.03 -7.21 -2.30

SITHE____BATAVIA 24024	69.61 -3.92 -7.09	68.22 -4.25 -6.10	67.48 -3.86 -4.89	68.22 -3.43 -4.36	74.03 -3.94 -3.73	77.55 -3.54 -4.07	88.05 -3.55 -6.93	92.35 -3.09 -9.59	88.92 -3.64 -5.83	85.31 -4.37 -3.87	83.44 -4.33 -1.05	77.93 -4.94 -0.43	77.25 -5.19 0.00	77.31 -5.64 0.00	78.77 -4.94 0.00	85.31 -4.86 -0.17	87.84 -5.13 -1.37	109.68 -6.44 -1.12	93.88 -5.48 -1.54	93.07 -5.73 -1.71	88.52 -5.12 -2.10	82.70 -5.00 -1.52	79.90 -5.52 -1.78	79.40 -4.59 -2.05
SITHE____INDEPEND 23800	66.71 -2.52 -2.79	66.19 -2.59 -2.40	65.85 -2.52 -1.92	66.44 -2.56 -1.72	72.95 -2.75 -1.47	74.92 -2.77 -0.67	84.16 -2.79 -2.28	86.70 -2.92 -3.77	85.23 -2.86 -1.36	84.42 -2.92 -1.52	84.19 -2.95 -0.41	79.64 -2.97 -0.17	79.39 -3.05 0.00	79.89 -3.07 0.00	80.69 -3.01 0.00	86.87 -3.15 -0.01	88.73 -3.21 -0.34	110.86 -4.14 0.00	94.40 -3.42 -0.01	94.36 -3.40 -0.67	89.15 -3.20 -0.82	83.50 -3.27 -0.60	81.17 -3.18 -0.70	79.63 -3.11 -0.81
SITHE____MASSENA 23902	65.52 -0.93 0.00	65.58 -0.79 0.00	65.45 -0.99 0.00	66.28 -1.01 0.00	73.12 -1.11 0.00	75.33 -1.69 0.00	82.39 -2.28 0.00	82.41 -3.44 0.00	82.66 -4.07 0.00	82.38 -3.44 0.00	82.66 -4.07 0.00	79.88 -2.56 0.00	79.97 -2.47 0.00	80.55 -2.41 0.00	81.28 -2.43 0.00	85.69 -4.32 0.00	87.48 -4.12 0.00	109.59 -5.40 0.00	93.42 -4.40 0.00	92.71 -4.37 0.00	87.43 -4.12 0.00	82.64 -3.54 0.00	81.97 -1.67 0.00	80.63 -1.31 0.00
SITHE____OGDNSBRG 24021	66.25 -0.20 0.00	66.24 -0.13 0.00	66.18 -0.27 0.00	67.02 -0.27 0.00	73.86 -0.37 0.00	76.25 -0.77 0.00	83.40 -1.27 0.00	84.30 -1.55 0.00	83.61 -3.12 0.00	82.99 -2.83 0.00	83.17 -3.56 0.00	80.13 -2.31 0.00	79.96 -2.47 0.00	80.55 -2.41 0.00	81.36 -2.34 0.00	85.96 -4.05 0.00	87.94 -3.66 0.00	110.17 -4.83 0.00	93.90 -3.91 0.00	93.30 -3.79 0.00	87.70 -3.84 0.00	84.72 -1.47 0.00	82.89 -0.75 0.00	81.69 -0.25 0.00
SITHE____STERLING 23777	71.54 2.13 -2.97	70.99 2.06 -2.56	70.62 2.13 -2.05	71.27 2.15 -1.83	78.32 2.53 -1.57	80.82 3.08 -0.71	91.09 3.98 -2.43	94.16 4.29 -4.02	92.26 4.08 -1.45	91.21 3.77 -1.62	90.90 3.73 -0.44	85.67 3.05 -0.18	85.40 2.96 0.00	86.03 3.07 0.00	86.97 3.26 0.00	93.80 3.78 -0.01	95.90 3.94 -0.36	120.18 5.18 0.00	101.93 4.11 -0.01	101.88 4.08 -0.72	96.08 3.67 -0.87	90.09 3.27 -0.64	87.32 2.93 -0.74	85.50 2.70 -0.86
SLEIGHT__34_KV_TB1 80719	70.65 -1.93 -6.13	69.72 -1.92 -5.28	68.82 -1.86 -4.23	69.31 -1.75 -3.77	75.68 -1.78 -3.23	79.05 -1.46 -3.49	89.64 -1.02 -5.98	93.11 -1.03 -8.29	90.70 -1.04 -5.01	87.71 -1.46 -3.34	86.07 -1.56 -0.91	80.83 -1.98 -0.38	80.05 -2.39 0.00	80.63 -2.32 0.00	81.53 -2.18 0.00	88.26 -1.89 -0.14	90.95 -1.83 -1.18	113.19 -2.76 -0.96	97.18 -1.96 -1.32	96.53 -2.04 -1.48	91.53 -1.83 -1.82	84.91 -2.59 -1.31	82.67 -2.51 -1.54	81.26 -2.46 -1.77
SOUTH CAIRO____GT 23612	128.63 5.05 -57.13	120.53 4.98 -49.18	110.93 5.05 -39.44	107.51 5.05 -35.18	110.12 5.79 -30.10	127.64 6.08 -44.53	152.76 6.77 -61.32	169.95 6.78 -77.32	151.86 6.68 -58.45	122.66 5.66 -31.18	100.03 4.86 -8.45	90.06 4.12 -3.50	86.56 4.12 0.00	87.19 4.23 0.00	87.39 3.68 0.00	96.75 6.03 -0.71	107.35 7.14 -8.60	128.67 9.77 -3.90	112.18 8.02 -6.34	117.40 6.50 -13.81	114.38 6.04 -16.80	103.59 5.17 -12.24	103.31 5.35 -14.32	103.65 5.16 -16.55
SOUTH HAMPTN____IC 23720	148.62 8.37 -73.81	114.94 8.50 -40.06	107.14 8.57 -32.12	104.55 8.61 -28.65	108.26 9.50 -24.52	113.08 9.63 -26.43	149.40 11.00 -53.72	180.05 12.53 -81.67	158.28 13.01 -58.55	139.99 11.85 -42.32	111.76 11.70 -13.33	105.78 11.12 -12.22	93.82 11.38 0.00	98.63 11.53 -4.15	108.29 11.88 -12.71	119.18 12.60 -16.57	141.58 13.47 -36.51	161.53 17.14 -29.40	155.36 14.47 -43.07	145.74 14.07 -34.59	131.59 13.37 -26.68	125.98 13.01 -26.79	108.24 12.30 -12.30	106.80 11.39 -13.48
SOUTHDOW_115KV_TB1 355954	73.26 -2.13 -8.94	71.95 -2.12 -7.70	70.62 -1.99 -6.17	70.64 -2.15 -5.50	76.71 -2.23 -4.71	80.39 -1.85 -5.21	91.76 -1.69 -8.78	95.89 -2.06 -12.10	91.99 -2.17 -7.43	88.04 -2.66 -4.88	85.62 -2.43 -1.32	80.10 -2.89 -0.55	82.11 -0.33 0.00	82.79 -0.17 0.00	83.87 0.17 0.00	87.61 -2.61 -0.21	89.58 -3.76 -1.73	115.62 -0.80 -1.43	96.45 -3.33 -1.96	95.07 -4.17 -2.16	90.44 -3.75 -2.65	83.61 -4.48 -1.91	81.79 -4.10 -2.24	81.01 -3.52 -2.59
SOUTHOLD_69_KV_BK 2 55809	148.96 8.70 -73.81	115.13 8.69 -40.06	107.34 8.77 -32.12	104.75 8.81 -28.65	108.55 9.80 -24.52	113.31 9.86 -26.43	149.74 11.35 -53.72	180.31 12.79 -81.67	158.46 13.18 -58.55	140.50 12.36 -42.32	111.77 11.71 -13.33	105.86 11.21 -12.22	94.06 11.62 0.00	99.05 11.95 -4.15	108.97 12.56 -12.71	120.17 13.59 -16.57	142.67 14.56 -36.51	162.91 18.51 -29.40	156.14 15.26 -43.07	146.62 14.95 -34.59	132.51 14.28 -26.68	126.84 13.88 -26.79	109.41 13.47 -12.30	108.12 12.70 -13.48
SOUTHOLD____IC 23719	148.95 8.70 -73.81	115.06 8.62 -40.06	107.34 8.77 -32.12	104.75 8.81 -28.65	108.47 9.72 -24.52	113.32 9.86 -26.43	149.91 11.51 -53.72	180.56 13.04 -81.67	158.80 13.52 -58.55	140.41 12.27 -42.32	111.85 11.79 -13.33	105.95 11.29 -12.22	94.06 11.63 0.00	99.13 12.02 -4.15	108.97 12.55 -12.71	120.07 13.50 -16.57	142.58 14.47 -36.51	162.91 18.52 -29.40	156.14 15.25 -43.07	146.61 14.94 -34.59	132.50 14.27 -26.68	127.10 14.13 -26.79	109.41 13.47 -12.30	108.12 12.70 -13.48
SOUTH_FORK_WT_PWR 323839	148.35 8.10 -73.81	114.53 8.09 -40.06	106.74 8.17 -32.12	104.14 8.21 -28.65	107.88 9.13 -24.52	112.69 9.24 -26.43	149.15 10.75 -53.72	179.88 12.36 -81.67	158.03 12.75 -58.55	139.64 11.50 -42.32	110.99 10.93 -13.33	105.21 10.55 -12.22	93.32 10.88 0.00	98.63 11.53 -4.15	108.55 12.13 -12.71	119.62 13.05 -16.57	142.03 13.92 -36.51	162.22 17.82 -29.40	155.36 14.47 -43.07	145.84 14.17 -34.59	131.95 13.73 -26.68	126.75 13.79 -26.79	109.25 13.30 -12.30	108.03 12.61 -13.48
SPIERFLS_115KV_TB 1 80737	134.52 5.18 -62.89	125.63 5.11 -54.14	114.84 4.98 -43.41	111.06 5.05 -38.72	113.09 5.72 -33.14	168.64 6.24 -85.38	176.36 7.11 -84.58	178.43 7.47 -85.12	194.49 7.55 -100.21	126.84 6.69 -34.32	102.71 6.68 -9.30	92.06 5.77 -3.85	88.13 5.69 0.00	88.76 5.81 0.00	89.82 6.11 0.00	97.25 7.11 -0.13	106.08 7.51 -6.96	123.62 10.12 1.50	106.97 8.31 -0.84	120.35 8.06 -15.21	117.31 7.41 -18.35	106.29 6.64 -13.47	105.68 6.27 -15.76	105.89 5.74 -18.21
ST LAWRENCE____ 23600	64.98 -1.46 0.00	65.05 -1.33 0.00	65.05 -1.40 0.00	65.80 -1.48 0.00	72.60 -1.63 0.00	74.94 -2.08 0.00	82.05 -2.63 0.00	82.67 -3.17 0.00	83.26 -3.47 0.00	82.73 -3.09 0.00	83.35 -3.38 0.00	79.88 -2.56 0.00	79.88 -2.56 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	86.68 -3.33 0.00	88.31 -3.29 0.00	110.74 -4.25 0.00	94.30 -3.52 0.00	93.59 -3.49 0.00	88.25 -3.29 0.00	83.34 -2.84 0.00	81.56 -2.09 0.00	80.14 -1.80 0.00
STATE_CA_115KV_115_LB 55624	130.88 2.99 -61.45	122.32 3.05 -52.90	111.92 3.06 -42.41	108.21 3.10 -37.83	110.02 3.41 -32.38	144.84 3.54 -64.27	162.21 3.89 -73.64	172.70 3.69 -83.16	169.65 3.90 -79.02	123.39 4.03 -33.53	100.32 4.51 -9.08	90.41 4.20 -3.77	86.64 4.20 0.00	87.19 4.23 0.00	86.97 3.26 0.00	93.77 3.69 -0.07	101.93 3.76 -6.58	118.27 5.06 1.79	101.87 4.30 0.25	115.92 3.98 -14.86	113.12 3.66 -17.92	102.88 3.53 -13.16	102.89 3.85 -15.40	103.34 3.61 -17.79

STATE_ST_34_KV_LOAD 55959	73.44 0.20 -6.80	72.36 0.13 -5.85	71.34 0.20 -4.69	71.67 0.20 -4.19	78.11 0.30 -3.58	81.73 0.77 -3.94	92.69 1.35 -6.66	96.51 1.46 -9.20	93.83 1.47 -5.62	90.73 1.20 -3.71	88.86 1.13 -1.00	83.60 0.74 -0.42	83.26 0.82 0.00	83.79 0.83 0.00	84.71 1.00 0.00	91.34 1.17 -0.16	94.20 1.28 -1.31	118.02 1.95 -1.06	100.85 1.57 -1.47	100.08 1.36 -1.64	94.84 1.28 -2.01	88.24 0.60 -1.46	85.77 0.42 -1.70	84.15 0.25 -1.97
STATION 5_MISC_HYD 23604	69.76 -2.86 -6.17	68.63 -3.05 -5.31	67.91 -2.79 -4.26	68.59 -2.49 -3.80	74.66 -2.82 -3.25	77.99 -2.54 -3.51	88.15 -2.54 -6.01	92.05 -2.14 -8.35	89.34 -2.43 -5.04	86.27 -2.92 -3.37	84.78 -2.86 -0.91	79.43 -3.38 -0.38	78.81 -3.63 0.00	78.47 -4.48 0.00	79.69 -4.02 0.00	86.83 -3.33 -0.14	89.40 -3.39 -1.19	110.79 -5.17 -0.96	95.23 -3.92 -1.33	94.69 -3.89 -1.49	89.98 -3.39 -1.83	84.05 -3.45 -1.32	81.34 -3.85 -1.55	80.53 -3.20 -1.79
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	71.15 -1.59 -6.29	70.20 -1.59 -5.42	69.33 -1.46 -4.35	69.95 -1.21 -3.88	76.29 -1.26 -3.32	79.76 -0.85 -3.59	90.48 -0.34 -6.14	94.02 -0.34 -8.52	91.53 -0.35 -5.15	88.40 -0.86 -3.44	86.71 -0.95 -0.93	81.42 -1.40 -0.39	80.79 -1.65 0.00	81.38 -1.58 0.00	82.28 -1.42 0.00	88.99 -1.17 -0.15	91.72 -1.10 -1.21	114.25 -1.72 -0.98	97.99 -1.17 -1.35	97.24 -1.36 -1.52	92.31 -1.10 -1.86	85.63 -1.90 -1.35	83.30 -1.92 -1.58	81.96 -1.80 -1.82
STA_56_34_KV_BUS2_REV_LBMP_B 345033	69.45 -3.12 -6.13	68.66 -2.99 -5.27	67.82 -2.86 -4.23	68.37 -2.69 -3.77	74.56 -2.89 -3.23	77.73 -2.77 -3.48	88.19 -2.46 -5.97	91.39 -2.75 -8.29	89.04 -2.69 -5.00	86.07 -3.09 -3.34	84.43 -3.21 -0.91	79.27 -3.54 -0.38	78.23 -4.20 0.00	78.89 -4.06 0.00	79.77 -3.93 0.00	86.55 -3.60 -0.14	89.12 -3.66 -1.18	110.55 -5.40 -0.96	95.12 -4.01 -1.32	94.49 -4.08 -1.48	89.79 -3.57 -1.81	83.18 -4.31 -1.31	81.08 -4.10 -1.54	79.86 -3.85 -1.77
STA_56___34_KV_BUS2 355983	69.45 -3.12 -6.13	68.66 -2.99 -5.27	67.82 -2.86 -4.23	68.37 -2.69 -3.77	74.56 -2.89 -3.23	77.73 -2.77 -3.48	88.19 -2.46 -5.97	91.39 -2.75 -8.29	89.04 -2.69 -5.00	86.07 -3.09 -3.34	84.43 -3.21 -0.91	79.27 -3.54 -0.38	78.23 -4.20 0.00	78.89 -4.06 0.00	79.77 -3.93 0.00	86.55 -3.60 -0.14	89.12 -3.66 -1.18	110.55 -5.40 -0.96	95.12 -4.01 -1.32	94.49 -4.08 -1.48	89.79 -3.57 -1.81	83.18 -4.31 -1.31	81.08 -4.10 -1.54	79.86 -3.85 -1.77
STA_67___115KV_BK2 355882	69.62 -2.99 -6.16	68.82 -2.85 -5.30	67.97 -2.72 -4.25	68.45 -2.62 -3.79	74.66 -2.82 -3.25	77.91 -2.62 -3.50	88.31 -2.37 -6.01	91.44 -2.75 -8.34	89.07 -2.69 -5.03	86.09 -3.09 -3.36	84.43 -3.21 -0.91	79.27 -3.54 -0.38	78.23 -4.20 0.00	78.81 -4.15 0.00	79.77 -3.93 0.00	86.55 -3.60 -0.14	89.12 -3.66 -1.19	110.44 -5.52 -0.96	95.03 -4.11 -1.32	94.40 -4.17 -1.49	89.80 -3.57 -1.82	83.11 -4.40 -1.32	81.17 -4.01 -1.54	79.95 -3.77 -1.78
STA_7___115KV_9TRANS 80674	69.96 -2.66 -6.17	69.16 -2.52 -5.31	68.31 -2.39 -4.26	68.86 -2.22 -3.80	75.18 -2.30 -3.25	78.45 -2.08 -3.51	88.99 -1.69 -6.01	92.13 -2.06 -8.35	89.86 -1.91 -5.04	86.87 -2.32 -3.37	85.21 -2.43 -0.91	79.93 -2.89 -0.38	78.89 -3.54 0.00	79.55 -3.40 0.00	80.44 -3.26 0.00	87.27 -2.88 -0.14	89.86 -2.93 -1.19	111.36 -4.60 -0.96	95.82 -3.33 -1.33	95.18 -3.40 -1.49	90.53 -2.84 -1.83	83.80 -3.71 -1.32	81.76 -3.43 -1.55	80.53 -3.20 -1.79
STA_82___115KV_TB1 80780	69.72 -2.92 -6.20	68.86 -2.85 -5.34	68.00 -2.72 -4.28	68.55 -2.56 -3.82	74.75 -2.75 -3.27	77.93 -2.62 -3.53	88.35 -2.37 -6.05	91.58 -2.66 -8.39	89.19 -2.60 -5.07	86.20 -3.00 -3.38	84.52 -3.12 -0.92	79.27 -3.54 -0.38	78.23 -4.20 0.00	78.89 -4.06 0.00	79.77 -3.93 0.00	86.55 -3.60 -0.15	89.13 -3.66 -1.19	110.45 -5.52 -0.97	95.04 -4.11 -1.33	94.50 -4.08 -1.50	89.81 -3.57 -1.84	83.20 -4.31 -1.33	81.18 -4.01 -1.55	79.97 -3.77 -1.80
STEEL___WIND 323596	70.09 -4.65 -8.30	68.61 -4.91 -7.15	67.59 -4.58 -5.73	67.75 -4.64 -5.11	73.34 -5.27 -4.37	76.68 -5.16 -4.82	87.05 -5.76 -8.14	91.50 -5.58 -11.23	87.53 -6.07 -6.88	83.82 -6.53 -4.53	81.71 -6.25 -1.23	76.27 -6.67 -0.51	75.84 -6.60 0.00	77.07 -5.89 0.00	78.52 -5.19 0.00	83.19 -7.02 -0.20	85.61 -7.60 -1.61	108.95 -7.36 -1.32	91.90 -7.73 -1.82	90.84 -8.25 -2.01	86.50 -7.50 -2.46	80.89 -7.07 -1.78	78.36 -7.36 -2.08	78.36 -5.98 -2.40
STEPHTWN_115KV_BK_2 55603	130.77 3.59 -60.74	122.31 3.65 -52.29	111.96 3.59 -41.93	108.31 3.63 -37.40	110.32 4.08 -32.00	135.29 4.31 -53.96	157.71 4.74 -68.30	172.60 4.55 -82.20	160.08 4.68 -68.67	123.60 4.63 -33.15	100.83 5.12 -8.98	90.86 4.70 -3.72	87.05 4.62 0.00	87.68 4.73 0.00	87.39 3.68 0.00	94.35 4.32 -0.02	102.41 4.49 -6.32	119.50 6.32 1.82	102.60 5.38 0.60	116.72 4.95 -14.69	113.74 4.49 -17.71	103.50 4.31 -13.01	103.47 4.60 -15.22	103.87 4.34 -17.59
STEUBEN_REC_LFGE 323667	74.46 -3.06 -11.07	72.79 -3.12 -9.53	71.16 -2.92 -7.64	71.21 -2.89 -6.82	77.39 -2.67 -5.83	81.88 -1.69 -6.55	94.56 -1.02 -10.91	99.20 -1.63 -14.98	94.70 -1.30 -9.27	90.40 -1.46 -6.04	86.98 -1.39 -1.64	81.47 -1.65 -0.68	82.36 -0.08 0.00	83.04 0.08 0.00	84.21 0.50 0.00	89.46 -0.81 -0.26	92.75 -1.01 -2.15	117.68 0.92 -1.76	99.76 -0.49 -2.43	98.59 -1.16 -2.68	93.91 -0.92 -3.28	86.74 -1.81 -2.37	84.75 -1.67 -2.77	83.83 -1.31 -3.21
STILLWATER___SOLAR 323814	133.67 4.65 -62.57	124.81 4.58 -53.86	114.16 4.52 -43.19	110.39 4.58 -38.52	112.32 5.12 -32.97	165.50 5.55 -82.93	174.05 6.18 -83.20	176.88 6.35 -84.68	191.03 6.59 -97.72	125.80 5.84 -34.15	101.88 5.90 -9.25	91.47 5.20 -3.83	87.55 5.11 0.00	88.18 5.23 0.00	89.15 5.44 0.00	96.47 6.30 -0.16	105.33 6.68 -7.04	122.46 8.74 1.27	106.09 7.24 -1.04	119.29 7.08 -15.13	116.40 6.59 -18.26	105.61 6.03 -13.40	105.02 5.69 -15.68	105.47 5.41 -18.12
STONY___BROOK 24151	148.29 8.04 -73.81	114.40 7.96 -40.06	106.54 7.97 -32.12	103.94 8.00 -28.65	107.66 8.90 -24.52	112.54 9.08 -26.43	148.89 10.50 -53.72	179.37 11.85 -81.67	157.68 12.40 -58.55	139.99 11.85 -42.32	111.68 11.63 -13.33	105.70 11.05 -12.22	93.56 11.12 0.00	98.30 11.19 -4.15	107.88 11.47 -12.71	119.08 12.51 -16.57	141.30 13.19 -36.51	160.84 16.44 -29.40	155.06 14.18 -43.07	145.55 13.88 -34.59	131.32 13.09 -26.68	125.20 12.23 -26.79	107.23 11.29 -12.30	105.82 10.41 -13.48
STURGEON_POOL_HYD 23609	121.37 7.24 -47.69	114.53 7.10 -41.05	106.60 7.24 -32.92	103.98 7.33 -29.36	107.52 8.17 -25.13	115.57 8.32 -30.23	142.25 9.65 -47.92	161.29 10.90 -64.54	139.94 11.27 -41.94	122.49 10.64 -26.02	103.49 9.71 -7.05	94.26 8.90 -2.92	91.34 8.90 0.00	91.75 8.79 0.00	93.08 9.38 0.00	103.21 10.44 -2.75	118.45 11.36 -15.49	150.83 14.72 -21.12	137.67 12.03 -27.82	120.85 12.23 -11.53	117.63 11.63 -14.46	106.39 10.00 -10.21	104.80 9.20 -11.95	104.19 8.44 -13.81
ST_LAW_115_BK7_LBMP 345037	64.92 -1.53 0.00	65.05 -1.33 0.00	64.98 -1.46 0.00	65.74 -1.54 0.00	72.53 -1.70 0.00	74.86 -2.16 0.00	81.88 -2.79 0.00	82.41 -3.44 0.00	83.00 -3.73 0.00	82.47 -3.35 0.00	83.09 -3.64 0.00	79.63 -2.80 0.00	79.72 -2.72 0.00	80.30 -2.66 0.00	81.03 -2.68 0.00	86.32 -3.69 0.00	87.94 -3.67 0.00	110.28 -4.72 0.00	93.90 -3.92 0.00	93.29 -3.79 0.00	87.97 -3.57 0.00	82.99 -3.19 0.00	81.39 -2.25 0.00	80.06 -1.88 0.00

ST_LAW_115_BK8_LBMP 345038	64.92 -1.53 0.00	65.05 -1.33 0.00	64.98 -1.46 0.00	65.74 -1.54 0.00	72.53 -1.70 0.00	74.86 -2.16 0.00	81.88 -2.79 0.00	82.41 -3.44 0.00	83.00 -3.73 0.00	82.47 -3.35 0.00	83.09 -3.64 0.00	79.63 -2.80 0.00	79.72 -2.72 0.00	80.30 -2.66 0.00	81.03 -2.68 0.00	86.32 -3.69 0.00	87.94 -3.67 0.00	110.28 -4.72 0.00	93.90 -3.92 0.00	93.29 -3.79 0.00	87.97 -3.57 0.00	82.99 -3.19 0.00	81.39 -2.25 0.00	80.06 -1.88 0.00
ST_LAW_230_BK5_LBMP 345035	64.98 -1.46 0.00	65.05 -1.33 0.00	65.05 -1.40 0.00	65.80 -1.48 0.00	72.60 -1.63 0.00	74.94 -2.08 0.00	82.05 -2.63 0.00	82.67 -3.17 0.00	83.26 -3.47 0.00	82.73 -3.09 0.00	83.35 -3.38 0.00	79.88 -2.56 0.00	79.88 -2.56 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	86.68 -3.33 0.00	88.31 -3.29 0.00	110.74 -4.25 0.00	94.30 -3.52 0.00	93.59 -3.49 0.00	88.25 -3.29 0.00	83.34 -2.84 0.00	81.56 -2.09 0.00	80.14 -1.80 0.00
ST_LAW_230_BK6_LBMP 345036	64.98 -1.46 0.00	65.05 -1.33 0.00	65.05 -1.40 0.00	65.80 -1.48 0.00	72.60 -1.63 0.00	74.94 -2.08 0.00	82.05 -2.63 0.00	82.67 -3.17 0.00	83.26 -3.47 0.00	82.73 -3.09 0.00	83.35 -3.38 0.00	79.88 -2.56 0.00	79.88 -2.56 0.00	80.47 -2.49 0.00	81.20 -2.51 0.00	86.68 -3.33 0.00	88.31 -3.29 0.00	110.74 -4.25 0.00	94.30 -3.52 0.00	93.59 -3.49 0.00	88.25 -3.29 0.00	83.34 -2.84 0.00	81.56 -2.09 0.00	80.14 -1.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	114.12 4.25 -43.42	107.94 4.18 -37.38	100.67 4.25 -29.97	98.33 4.31 -26.74	101.79 4.68 -22.88	106.51 4.78 -24.71	132.58 5.59 -42.32	150.97 6.35 -58.77	128.82 6.68 -35.41	116.21 6.69 -23.70	99.91 6.76 -6.42	91.45 6.35 -2.66	88.95 6.51 0.00	89.43 6.47 0.00	90.40 6.70 0.00	100.64 7.29 -3.34	116.32 7.42 -17.30	150.51 9.43 -26.08	139.61 7.83 -33.97	115.35 7.77 -10.50	112.30 7.41 -13.34	102.03 6.55 -9.30	100.47 5.94 -10.88	100.00 5.49 -12.58
SWANROAD_115KV_TB1 355699	67.40 -6.71 -7.66	66.46 -6.50 -6.60	65.29 -6.45 -5.29	65.34 -6.66 -4.72	70.92 -7.35 -4.04	73.90 -7.55 -4.43	83.88 -8.30 -7.50	87.20 -9.01 -10.37	84.04 -9.02 -6.33	80.56 -9.44 -4.18	78.50 -9.37 -1.13	73.43 -9.48 -0.47	73.12 -9.32 0.00	73.75 -9.21 0.00	74.75 -8.96 0.00	80.11 -10.08 -0.18	82.18 -10.90 -1.48	102.76 -13.45 -1.21	87.85 -11.64 -1.67	87.19 -11.75 -1.85	83.19 -10.62 -2.27	76.53 -11.29 -1.64	75.36 -10.20 -1.92	74.82 -9.34 -2.22
SYNERGY___BIOGAS 323694	69.61 -3.92 -7.09	68.22 -4.25 -6.10	67.48 -3.86 -4.89	68.22 -3.43 -4.36	74.03 -3.94 -3.73	77.55 -3.54 -4.07	88.05 -3.55 -6.93	92.35 -3.09 -9.59	88.92 -3.64 -5.83	85.31 -4.37 -3.87	83.44 -4.33 -1.05	77.93 -4.94 -0.43	77.25 -5.19 0.00	77.31 -5.64 0.00	78.77 -4.94 0.00	85.31 -4.86 -0.17	87.84 -5.13 -1.37	109.68 -6.44 -1.12	93.88 -5.48 -1.54	93.07 -5.73 -1.71	88.52 -5.12 -2.10	82.70 -5.00 -1.52	79.90 -5.52 -1.78	79.40 -4.59 -2.05
SYRACUSE___ENERGY_ST1 323597	71.75 -0.20 -5.50	70.85 -0.27 -4.74	69.98 -0.27 -3.80	70.40 -0.27 -3.39	76.91 -0.22 -2.90	78.42 0.08 -1.32	89.60 0.42 -4.50	93.72 0.43 -7.45	89.94 0.52 -2.69	89.17 0.34 -3.00	87.89 0.35 -0.81	82.77 0.00 -0.34	82.52 0.08 0.00	83.04 0.08 0.00	83.87 0.17 0.00	90.41 0.27 -0.13	92.93 0.27 -1.06	116.42 0.57 -0.85	99.41 0.49 -1.10	98.80 0.39 -1.33	93.45 0.27 -1.63	87.19 -0.17 -1.18	84.77 -0.25 -1.38	83.21 -0.33 -1.59
SYRACUSE___ENERGY_ST2 323598	71.75 -0.20 -5.50	70.85 -0.27 -4.74	69.98 -0.27 -3.80	70.40 -0.27 -3.39	76.91 -0.22 -2.90	78.42 0.08 -1.32	89.60 0.42 -4.50	93.72 0.43 -7.45	89.94 0.52 -2.69	89.17 0.34 -3.00	87.89 0.35 -0.81	82.77 0.00 -0.34	82.52 0.08 0.00	83.04 0.08 0.00	83.87 0.17 0.00	90.41 0.27 -0.13	92.93 0.27 -1.06	116.42 0.57 -0.85	99.41 0.49 -1.10	98.80 0.39 -1.33	93.45 0.27 -1.63	87.19 -0.17 -1.18	84.77 -0.25 -1.38	83.21 -0.33 -1.59
SYRACUSE___POWER 24017	71.64 -0.40 -5.60	70.73 -0.46 -4.82	69.84 -0.47 -3.86	70.26 -0.47 -3.45	76.73 -0.45 -2.95	78.13 -0.23 -1.34	89.42 0.17 -4.58	93.59 0.17 -7.57	89.72 0.26 -2.73	88.96 0.09 -3.05	87.64 0.09 -0.83	82.53 -0.25 -0.34	82.27 -0.16 0.00	82.79 -0.17 0.00	83.71 0.00 0.00	90.14 0.00 -0.13	92.68 0.00 -1.08	116.21 0.34 -0.87	99.14 0.20 -1.12	98.53 0.10 -1.35	93.20 0.00 -1.66	86.95 -0.43 -1.20	84.55 -0.50 -1.40	82.99 -0.57 -1.62
TALLMAN___138KV_BK151 55660	115.42 4.39 -44.59	109.08 4.31 -38.39	101.61 4.39 -30.78	99.18 4.44 -27.46	102.63 4.90 -23.50	107.30 4.93 -25.35	133.96 5.84 -43.44	152.89 6.70 -60.35	130.18 7.11 -36.34	117.36 7.21 -24.33	100.61 7.29 -6.59	92.10 6.92 -2.73	89.53 7.09 0.00	90.01 7.05 0.00	90.99 7.28 0.00	101.24 7.74 -3.49	117.41 7.79 -18.02	152.34 10.00 -27.34	141.72 8.31 -35.59	116.12 8.25 -10.78	113.13 7.87 -13.71	102.63 6.89 -9.55	101.18 6.36 -11.17	100.67 5.82 -12.91
TEALLAVE_115KV_TB7 355573	70.23 -0.86 -4.65	69.51 -0.86 -4.00	68.79 -0.86 -3.21	69.27 -0.87 -2.86	75.79 -0.89 -2.45	77.44 -0.69 -1.12	88.06 -0.42 -3.81	91.80 -0.34 -6.29	88.65 -0.35 -2.27	87.93 -0.43 -2.54	86.98 -0.43 -0.69	81.98 -0.74 -0.29	81.70 -0.74 0.00	82.29 -0.66 0.00	83.12 -0.59 0.00	89.58 -0.54 -0.11	91.94 -0.55 -0.89	115.13 -0.57 -0.71	98.15 -0.59 -0.92	97.53 -0.68 -1.12	92.28 -0.64 -1.38	86.14 -1.03 -1.00	83.81 -1.00 -1.17	82.22 -1.07 -1.35
TELGRAPH_34_KV_EAST 80808	68.69 -5.05 -7.30	67.81 -4.85 -6.28	66.70 -4.78 -5.04	67.07 -4.71 -4.49	72.95 -5.12 -3.85	76.06 -5.16 -4.20	86.48 -5.33 -7.14	89.80 -5.92 -9.88	86.85 -5.90 -6.01	83.37 -6.44 -3.98	81.39 -6.42 -1.08	76.04 -6.84 -0.45	75.76 -6.68 0.00	76.40 -6.55 0.00	77.43 -6.28 0.00	83.16 -7.02 -0.17	85.41 -7.60 -1.41	106.83 -9.31 -1.15	91.28 -8.12 -1.59	90.59 -8.25 -1.76	86.29 -7.41 -2.16	79.47 -8.27 -1.56	77.95 -7.53 -1.83	77.17 -6.88 -2.11
TEMPLE___115KV_TB 2 55572	70.37 -0.80 -4.72	69.58 -0.86 -4.06	68.91 -0.80 -3.26	69.32 -0.87 -2.91	75.90 -0.82 -2.49	77.54 -0.62 -1.13	88.20 -0.34 -3.86	91.89 -0.34 -6.39	88.77 -0.26 -2.30	87.97 -0.43 -2.58	87.08 -0.35 -0.70	82.07 -0.66 -0.29	81.78 -0.66 0.00	82.37 -0.58 0.00	83.21 -0.50 0.00	89.67 -0.45 -0.11	92.05 -0.46 -0.90	115.26 -0.46 -0.72	98.26 -0.49 -0.94	97.64 -0.58 -1.14	92.39 -0.55 -1.40	86.24 -0.95 -1.01	83.82 -1.00 -1.18	82.32 -0.98 -1.37
TIANA____69_KV_BK 1 55817	148.62 8.37 -73.81	114.93 8.50 -40.06	107.07 8.51 -32.12	104.48 8.55 -28.65	108.25 9.50 -24.52	113.00 9.55 -26.43	149.23 10.84 -53.72	179.71 12.19 -81.67	157.94 12.66 -58.55	140.16 12.01 -42.32	111.68 11.62 -13.33	105.70 11.05 -12.22	93.81 11.38 0.00	98.47 11.36 -4.15	108.13 11.72 -12.71	119.09 12.51 -16.57	141.57 13.47 -36.51	161.30 16.90 -29.40	155.26 14.38 -43.07	145.65 13.98 -34.59	131.50 13.27 -26.68	125.63 12.67 -26.79	107.99 12.04 -12.30	106.64 11.23 -13.48
TILDEN___115KV_TB1 80814	71.64 -0.40 -5.60	70.73 -0.46 -4.82	69.84 -0.47 -3.86	70.26 -0.47 -3.45	76.73 -0.45 -2.95	78.13 -0.23 -1.34	89.42 0.17 -4.58	93.59 0.17 -7.57	89.72 0.26 -2.73	88.96 0.09 -3.05	87.64 0.09 -0.83	82.53 -0.25 -0.34	82.27 -0.16 0.00	82.79 -0.17 0.00	83.71 0.00 0.00	90.14 0.00 -0.13	92.68 0.00 -1.08	116.21 0.34 -0.87	99.14 0.20 -1.12	98.53 0.10 -1.35	93.20 0.00 -1.66	86.95 -0.43 -1.20	84.55 -0.50 -1.40	82.99 -0.57 -1.62

TRIGEN___CC 323695	146.43 6.18 -73.81	112.61 6.17 -40.07	104.75 6.18 -32.13	102.13 6.19 -28.66	105.58 6.83 -24.52	110.47 7.01 -26.44	146.61 8.21 -53.73	176.62 9.10 -81.67	154.82 9.54 -58.55	137.75 9.61 -42.32	109.60 9.54 -13.33	103.72 9.07 -12.22	91.75 9.32 0.00	96.23 9.13 -4.15	105.87 9.46 -12.71	116.93 10.35 -16.57	138.55 10.44 -36.51	157.50 13.11 -29.40	152.03 11.15 -43.07	142.74 11.07 -34.59	128.75 10.53 -26.68	122.45 9.48 -26.79	104.81 8.87 -12.30	103.69 8.28 -13.48
TRINITY___115KV___4 BK 55933	130.13 2.79 -60.89	121.65 2.85 -52.42	111.33 2.86 -42.03	107.67 2.89 -37.49	109.51 3.19 -32.08	136.26 3.31 -55.92	157.56 3.56 -69.33	171.60 3.35 -82.41	160.93 3.56 -70.64	122.74 3.69 -33.23	99.89 4.16 -9.00	90.04 3.87 -3.73	86.31 3.87 0.00	86.94 3.98 0.00	86.72 3.01 0.00	93.46 3.42 -0.03	101.44 3.48 -6.36	117.70 4.60 1.90	101.08 3.91 0.65	115.49 3.69 -14.72	112.69 3.39 -17.76	102.50 3.27 -13.04	102.58 3.68 -15.26	103.01 3.44 -17.63
UNION___PROCESSING_DRP 323587	69.73 -2.92 -6.21	68.86 -2.85 -5.34	68.01 -2.72 -4.29	68.55 -2.56 -3.82	74.76 -2.75 -3.27	77.94 -2.62 -3.53	88.44 -2.29 -6.05	91.59 -2.66 -8.40	89.20 -2.60 -5.07	86.20 -3.00 -3.39	84.53 -3.12 -0.92	79.27 -3.54 -0.38	78.32 -4.12 0.00	78.89 -4.06 0.00	79.86 -3.85 0.00	86.55 -3.60 -0.15	89.23 -3.57 -1.20	110.56 -5.40 -0.97	95.04 -4.11 -1.34	94.51 -4.08 -1.50	89.90 -3.48 -1.84	83.20 -4.31 -1.33	81.19 -4.01 -1.56	79.97 -3.77 -1.80
UPPER HUDSON___HYD 24058	134.53 5.19 -62.89	125.63 5.11 -54.14	114.85 4.99 -43.41	111.06 5.05 -38.72	113.09 5.72 -33.14	168.56 6.16 -85.38	176.36 7.11 -84.58	178.43 7.46 -85.12	194.58 7.63 -100.21	126.75 6.61 -34.32	102.71 6.68 -9.30	92.06 5.77 -3.85	88.05 5.61 0.00	88.76 5.80 0.00	89.81 6.11 0.00	97.25 7.11 -0.13	106.08 7.51 -6.96	123.62 10.12 1.50	106.96 8.31 -0.84	120.34 8.05 -15.21	117.31 7.41 -18.35	106.46 6.81 -13.47	105.68 6.28 -15.76	105.97 5.82 -18.21
UPPER RAQUET___HYD 24056	64.98 -1.46 0.00	65.05 -1.33 0.00	64.92 -1.53 0.00	65.74 -1.54 0.00	72.60 -1.63 0.00	74.71 -2.31 0.00	81.45 -3.22 0.00	80.78 -5.06 0.00	80.75 -5.98 0.00	80.58 -5.24 0.00	80.57 -6.16 0.00	78.15 -4.29 0.00	78.15 -4.29 0.00	78.73 -4.23 0.00	79.44 -4.27 0.00	83.62 -6.39 0.00	85.47 -6.14 0.00	107.06 -7.93 0.00	91.26 -6.55 0.00	90.67 -6.41 0.00	85.31 -6.23 0.00	81.36 -4.82 0.00	81.39 -2.25 0.00	80.30 -1.64 0.00
VALLEY44_115KV_TB2 355964	71.11 -4.65 -9.32	69.82 -4.58 -8.02	68.36 -4.52 -6.43	68.31 -4.71 -5.74	74.02 -5.12 -4.91	77.38 -5.08 -5.45	88.49 -5.33 -9.16	92.45 -6.01 -12.61	88.50 -5.98 -7.76	84.64 -6.26 -5.09	81.95 -6.16 -1.38	76.58 -6.43 -0.57	80.46 -1.98 0.00	81.05 -1.91 0.00	82.20 -1.51 0.00	84.20 -6.03 -0.22	86.27 -7.14 -1.81	113.84 -2.64 -1.49	93.51 -6.36 -2.05	91.57 -7.77 -2.25	87.16 -7.14 -2.76	80.59 -7.58 -2.00	78.95 -7.03 -2.34	78.41 -6.23 -2.70
VALLEY___115KV_TB 1-4 80826	68.11 1.66 0.00	68.03 1.66 0.00	68.17 1.73 0.00	69.03 1.75 0.00	76.31 2.08 0.00	79.41 2.39 0.00	87.38 2.71 0.00	88.59 2.75 0.00	89.68 2.95 0.00	88.91 3.09 0.00	89.94 3.21 0.00	85.49 3.05 0.00	85.57 3.13 0.00	86.19 3.24 0.00	87.06 3.35 0.00	93.70 3.69 0.00	95.45 3.85 0.00	119.94 4.94 0.00	101.92 4.11 0.00	101.35 4.27 0.00	95.57 4.03 0.00	90.06 3.88 0.00	87.58 3.93 0.00	85.63 3.69 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	92.47 4.78 -21.24	89.44 4.78 -18.28	85.89 4.78 -14.66	85.21 4.84 -13.08	90.91 5.49 -11.19	101.88 5.93 -18.93	115.79 7.20 -23.92	121.97 7.38 -28.74	118.11 7.29 -24.09	104.45 7.04 -11.59	97.07 7.20 -3.14	89.92 6.18 -1.30	88.62 6.18 0.00	89.26 6.30 0.00	90.24 6.53 0.00	97.82 7.29 -0.52	103.29 7.51 -4.18	128.49 10.00 -3.48	111.06 8.22 -5.03	110.66 8.45 -5.14	105.53 7.69 -6.30	97.71 6.98 -4.55	95.58 6.61 -5.32	94.15 6.06 -6.15
VISCHER___FERRY HYD 24020	132.00 3.92 -61.63	123.35 3.92 -53.06	112.91 3.92 -42.54	109.20 3.97 -37.95	111.16 4.45 -32.48	156.41 4.70 -74.69	168.42 5.08 -78.67	174.41 5.15 -83.41	181.63 5.56 -89.34	124.69 5.24 -33.63	101.04 5.20 -9.11	91.08 4.86 -3.78	87.30 4.86 0.00	87.85 4.89 0.00	88.56 4.85 0.00	95.80 5.49 -0.30	104.74 5.68 -7.46	121.40 7.13 0.73	105.29 6.07 -1.41	117.91 5.92 -14.90	115.13 5.58 -18.00	104.55 5.17 -13.20	104.11 5.02 -15.45	104.54 4.75 -17.85
V_A_10_SYNC_DSASP 323832	68.74 -4.58 -6.88	67.59 -4.71 -5.93	66.81 -4.39 -4.75	67.15 -4.37 -4.24	72.88 -4.97 -3.63	76.04 -4.93 -3.95	85.90 -5.50 -6.73	89.84 -5.32 -9.32	86.66 -5.73 -5.65	83.40 -6.18 -3.76	81.76 -5.98 -1.02	76.43 -6.43 -0.42	75.68 -6.76 0.00	75.15 -7.80 0.00	76.42 -7.28 0.00	83.42 -6.75 -0.16	85.79 -7.15 -1.33	105.96 -10.12 -1.08	91.29 -8.02 -1.49	90.98 -7.77 -1.66	86.62 -6.96 -2.04	80.93 -6.72 -1.47	78.43 -6.94 -1.72	78.12 -5.82 -1.99
V_CMM_10_SYNC_DSASP 323787	65.25 -1.19 0.00	65.38 -0.99 0.00	65.32 -1.13 0.00	66.08 -1.21 0.00	72.90 -1.33 0.00	75.17 -1.85 0.00	82.21 -2.46 0.00	82.84 -3.01 0.00	83.35 -3.38 0.00	82.81 -3.01 0.00	83.43 -3.30 0.00	79.97 -2.47 0.00	80.04 -2.39 0.00	80.63 -2.32 0.00	81.36 -2.34 0.00	86.68 -3.33 0.00	88.39 -3.21 0.00	110.74 -4.25 0.00	94.39 -3.43 0.00	93.68 -3.40 0.00	88.34 -3.21 0.00	83.42 -2.76 0.00	81.80 -1.84 0.00	80.38 -1.56 0.00
V_CMP_10_SYNC_DSASP 323788	65.05 -1.40 0.00	65.11 -1.26 0.00	64.98 -1.46 0.00	65.87 -1.42 0.00	72.67 -1.56 0.00	74.94 -2.08 0.00	81.28 -3.39 0.00	82.67 -3.17 0.00	83.17 -3.56 0.00	82.56 -3.26 0.00	83.43 -3.30 0.00	80.04 -2.39 0.00	80.29 -2.14 0.00	81.05 -1.90 0.00	81.79 -1.92 0.00	87.40 -2.61 0.00	89.22 -2.38 0.00	111.66 -3.34 0.00	95.27 -2.54 0.00	94.66 -2.42 0.00	89.26 -2.28 0.00	84.28 -1.90 0.00	82.47 -1.17 0.00	82.02 0.08 0.00
V_D_10_SYNC_DSASP 323841	65.52 -0.93 0.00	65.58 -0.79 0.00	65.52 -0.93 0.00	66.28 -1.01 0.00	73.12 -1.11 0.00	75.33 -1.69 0.00	82.39 -2.28 0.00	82.50 -3.35 0.00	82.66 -4.07 0.00	82.47 -3.35 0.00	82.66 -4.07 0.00	79.88 -2.56 0.00	79.97 -2.47 0.00	80.63 -2.32 0.00	81.28 -2.43 0.00	85.78 -4.23 0.00	87.48 -4.12 0.00	109.59 -5.40 0.00	93.42 -4.40 0.00	92.81 -4.27 0.00	87.43 -4.12 0.00	82.73 -3.45 0.00	81.97 -1.67 0.00	80.63 -1.31 0.00
V_E_10_SYNC_DSASP 323830	87.48 5.64 -15.39	85.12 5.51 -13.24	82.58 5.51 -10.62	82.41 5.65 -9.47	88.79 6.45 -8.11	95.89 7.78 -11.09	110.67 9.90 -16.09	117.40 10.73 -20.82	111.56 9.97 -14.86	103.83 9.61 -8.40	98.54 9.54 -2.27	91.05 7.67 -0.94	89.69 7.26 0.00	90.84 7.88 0.00	92.25 8.54 0.00	100.37 9.99 -0.37	105.78 11.17 -3.01	133.12 15.64 -2.49	114.13 12.81 -3.50	113.62 12.81 -3.72	107.73 11.63 -4.56	99.99 10.51 -3.30	96.87 9.37 -3.86	95.08 8.68 -4.46
V_F_30_NSYNC___DSASP 323816	133.81 4.65 -62.72	125.01 4.64 -53.99	114.32 4.58 -43.29	110.54 4.64 -38.61	112.47 5.19 -33.05	166.60 5.55 -84.03	174.67 6.18 -83.82	177.16 6.44 -84.88	192.15 6.59 -98.83	125.96 5.92 -34.22	101.98 5.98 -9.27	91.56 5.28 -3.84	87.63 5.20 0.00	88.27 5.31 0.00	89.23 5.52 0.00	96.55 6.39 -0.15	105.29 6.68 -7.01	122.36 8.74 1.37	106.10 7.34 -0.95	119.43 7.18 -15.17	116.44 6.59 -18.30	105.73 6.12 -13.43	105.13 5.77 -15.72	105.51 5.41 -18.16

V_F_30_SYNC_DSASP 323786	130.84 2.99 -61.40	122.29 3.05 -52.86	111.89 3.06 -42.38	108.18 3.10 -37.80	110.00 3.41 -32.35	144.20 3.54 -63.64	161.88 3.89 -73.31	172.64 3.69 -83.10	169.02 3.90 -78.38	123.36 4.03 -33.51	100.32 4.51 -9.08	90.41 4.20 -3.76	86.64 4.20 0.00	87.19 4.23 0.00	86.97 3.26 0.00	93.77 3.69 -0.07	101.92 3.76 -6.56	118.26 5.06 1.80	101.83 4.30 0.29	115.91 3.98 -14.85	113.11 3.66 -17.91	102.87 3.53 -13.15	102.88 3.85 -15.39	103.33 3.61 -17.78
V_XM_10_SYNC_DSASP 323789	65.05 -1.40 0.00	65.11 -1.26 0.00	64.98 -1.46 0.00	65.87 -1.42 0.00	72.67 -1.56 0.00	74.94 -2.08 0.00	81.28 -3.39 0.00	82.67 -3.17 0.00	83.17 -3.56 0.00	82.56 -3.26 0.00	83.43 -3.30 0.00	80.04 -2.39 0.00	80.29 -2.14 0.00	81.05 -1.90 0.00	81.79 -1.92 0.00	87.40 -2.61 0.00	89.22 -2.38 0.00	111.66 -3.34 0.00	95.27 -2.54 0.00	94.66 -2.42 0.00	89.26 -2.28 0.00	84.28 -1.90 0.00	82.47 -1.17 0.00	82.02 0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	115.89 4.58 -44.86	109.44 4.45 -38.62	101.93 4.52 -30.96	99.54 4.64 -27.62	102.91 5.05 -23.63	107.68 5.16 -25.50	134.47 6.10 -43.70	153.51 6.95 -60.71	130.65 7.37 -36.55	117.68 7.38 -24.48	100.82 7.46 -6.63	92.28 7.09 -2.75	89.69 7.25 0.00	90.09 7.13 0.00	91.16 7.45 0.00	101.46 7.92 -3.53	117.85 8.06 -18.18	152.85 10.23 -27.62	142.38 8.61 -35.95	116.47 8.54 -10.85	113.39 8.06 -13.79	102.86 7.07 -9.61	101.41 6.52 -11.24	100.91 5.98 -12.99
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	118.48 5.51 -46.52	111.80 5.38 -40.05	104.01 5.45 -32.11	101.45 5.52 -28.64	104.76 6.01 -24.51	109.61 6.16 -26.43	137.27 7.28 -45.31	157.22 8.41 -62.96	133.55 8.93 -37.89	120.31 9.10 -25.39	102.80 9.19 -6.88	93.95 8.66 -2.85	91.26 8.82 0.00	91.67 8.71 0.00	92.75 9.04 0.00	103.39 9.63 -3.75	120.51 9.71 -19.20	156.68 12.30 -29.38	146.31 10.27 -38.23	118.53 10.19 -11.25	115.48 9.61 -14.33	104.68 8.53 -9.96	103.17 7.86 -11.66	102.79 7.37 -13.47
W50THST__13_KV_LOAD 356117	118.88 5.91 -46.52	112.20 5.77 -40.05	104.41 5.85 -32.11	101.85 5.92 -28.64	105.20 6.46 -24.51	110.07 6.62 -26.43	137.86 7.87 -45.31	157.82 9.01 -62.96	134.16 9.54 -37.89	120.99 9.78 -25.39	103.49 9.89 -6.88	94.60 9.32 -2.85	91.92 9.48 0.00	92.33 9.37 0.00	93.42 9.71 0.00	104.11 10.35 -3.75	121.24 10.44 -19.20	157.60 13.22 -29.38	147.09 11.05 -38.23	119.30 10.97 -11.25	116.12 10.25 -14.33	105.19 9.05 -9.96	103.58 8.28 -11.66	103.11 7.70 -13.47
WADING RIVER_IC_1 23522	148.62 8.37 -73.81	114.73 8.30 -40.06	106.87 8.30 -32.12	104.28 8.34 -28.65	107.95 9.20 -24.52	112.85 9.39 -26.43	149.32 10.93 -53.72	179.88 12.36 -81.67	158.20 12.93 -58.55	140.41 12.27 -42.32	112.11 12.05 -13.33	106.11 11.45 -12.22	94.06 11.63 0.00	98.71 11.61 -4.15	108.38 11.97 -12.71	119.54 12.96 -16.57	141.84 13.74 -36.51	161.87 17.47 -29.40	155.85 14.66 -43.07	146.33 14.97 -34.59	131.95 13.73 -26.68	125.81 12.84 -26.79	107.90 11.96 -12.30	106.40 10.98 -13.48
WADING RIVER_IC_2 23547	148.62 8.37 -73.81	114.73 8.30 -40.06	106.87 8.30 -32.12	104.28 8.34 -28.65	107.95 9.20 -24.52	112.85 9.39 -26.43	149.32 10.93 -53.72	179.88 12.36 -81.67	158.20 12.93 -58.55	140.41 12.27 -42.32	112.11 12.05 -13.33	106.11 11.45 -12.22	94.06 11.63 0.00	98.71 11.61 -4.15	108.38 11.97 -12.71	119.54 12.96 -16.57	141.84 13.74 -36.51	161.87 17.47 -29.40	155.85 14.97 -43.07	146.33 14.66 -34.59	131.95 13.73 -26.68	125.81 12.84 -26.79	107.90 11.96 -12.30	106.40 10.98 -13.48
WADING RIVER_IC_3 23601	148.62 8.37 -73.81	114.73 8.30 -40.06	106.87 8.30 -32.12	104.28 8.34 -28.65	107.95 9.20 -24.52	112.85 9.39 -26.43	149.32 10.93 -53.72	179.88 12.36 -81.67	158.20 12.93 -58.55	140.41 12.27 -42.32	112.11 12.05 -13.33	106.11 11.45 -12.22	94.06 11.63 0.00	98.71 11.61 -4.15	108.38 11.97 -12.71	119.54 12.96 -16.57	141.84 13.74 -36.51	161.87 17.47 -29.40	155.85 14.97 -43.07	146.33 14.66 -34.59	131.95 13.73 -26.68	125.81 12.84 -26.79	107.90 11.96 -12.30	106.40 10.98 -13.48
WALDENNY_12_KV_BK2 80841	70.09 -4.58 -8.23	68.95 -4.51 -7.09	67.68 -4.45 -5.68	67.71 -4.64 -5.07	73.52 -5.05 -4.34	76.79 -5.01 -4.78	87.32 -5.42 -8.07	90.98 -6.01 -11.14	87.56 -5.98 -6.82	83.88 -6.44 -4.49	81.62 -6.33 -1.22	76.26 -6.68 -0.50	77.16 -5.28 0.00	77.81 -5.14 0.00	78.85 -4.86 0.00	83.45 -6.75 -0.20	85.59 -7.60 -1.59	108.60 -7.70 -1.31	91.79 -7.83 -1.80	90.82 -8.25 -1.99	86.48 -7.51 -2.44	79.76 -8.19 -1.76	78.35 -7.36 -2.06	77.69 -6.64 -2.38
WALDEN__HYDRO 24148	116.43 5.05 -44.93	109.97 4.91 -38.68	102.45 4.98 -31.02	100.06 5.11 -27.67	103.55 5.64 -23.68	108.64 5.70 -25.92	135.23 6.60 -43.95	154.13 7.47 -60.81	131.53 7.81 -36.99	117.98 7.64 -24.52	100.83 7.46 -6.64	92.20 7.01 -2.75	89.53 7.09 0.00	90.01 7.05 0.00	91.07 7.37 0.00	101.42 8.01 -3.40	117.63 8.34 -17.69	152.36 10.81 -26.55	141.32 8.90 -34.61	116.88 8.93 -10.87	113.76 8.42 -13.79	103.22 7.41 -9.62	101.68 6.78 -11.26	101.18 6.23 -13.01
WARRENSBURG____ 23737	134.53 5.19 -62.89	125.63 5.11 -54.14	114.85 4.99 -43.41	111.06 5.05 -38.72	113.09 5.72 -33.14	168.56 6.16 -85.38	176.36 7.11 -84.58	178.43 7.46 -85.12	194.58 7.63 -100.21	126.75 6.61 -34.32	102.71 6.68 -9.30	92.06 5.77 -3.85	88.05 5.61 0.00	88.76 5.80 0.00	89.81 6.11 0.00	97.25 7.11 -0.13	106.08 7.51 -6.96	123.62 10.12 1.50	106.96 8.31 -0.84	120.34 8.05 -15.21	117.31 7.41 -18.35	106.46 6.81 -13.47	105.68 6.28 -15.76	105.97 5.82 -18.21
WATERSIDE__6 8 9 23538	118.76 5.78 -46.53	111.87 5.44 -40.06	104.21 5.65 -32.12	101.65 5.72 -28.65	104.91 6.16 -24.52	109.77 6.32 -26.43	137.44 7.45 -45.32	157.50 8.67 -62.98	133.73 9.11 -37.90	125.28 9.27 -30.19	106.61 9.37 -10.51	105.04 8.82 -13.79	104.37 8.99 -12.94	96.04 8.96 -4.13	92.92 9.21 -0.01	103.67 9.90 -3.76	128.60 9.89 -27.11	163.29 12.53 -35.76	151.17 10.56 -42.79	121.48 10.48 -13.91	115.86 9.98 -14.34	105.12 8.96 -9.97	103.68 8.36 -11.67	99.45 7.78 -9.73
WATKINRD_115KV_LN8_ILLION 55919	68.04 1.59 0.00	68.03 1.66 0.00	68.11 1.66 0.00	68.97 1.68 0.00	76.16 1.93 0.00	79.18 2.16 0.00	87.13 2.46 0.00	88.34 2.49 0.00	89.33 2.60 0.00	88.48 2.66 0.00	89.42 2.69 0.00	84.99 2.56 0.00	84.99 2.56 0.00	85.61 2.65 0.00	86.39 2.68 0.00	92.98 2.97 0.00	94.72 3.11 0.00	119.02 4.02 0.00	101.14 3.33 0.00	100.48 3.40 0.00	94.75 3.20 0.00	89.20 3.02 0.00	86.57 2.93 0.00	84.73 2.79 0.00
WATSON__69_KV_BK 1 55734	148.82 8.57 -73.81	114.93 8.50 -40.06	107.08 8.51 -32.12	104.48 8.55 -28.65	108.25 9.50 -24.52	113.08 9.63 -26.43	149.66 11.26 -53.72	179.97 12.45 -81.67	158.20 12.92 -58.55	140.67 12.53 -42.32	112.29 12.23 -13.33	106.19 11.54 -12.22	94.23 11.79 0.00	98.80 11.70 -4.15	108.55 12.14 -12.71	119.90 13.32 -16.57	142.12 14.02 -36.51	162.10 17.71 -29.40	156.04 15.16 -43.07	146.52 14.85 -34.59	132.14 13.91 -26.68	125.72 12.75 -26.79	107.99 12.04 -12.30	106.56 11.14 -13.48
WDELAWARE__HYD 323627	114.54 5.64 -42.45	108.43 5.51 -36.55	101.33 5.58 -29.30	99.08 5.65 -26.14	102.91 6.31 -22.37	108.78 6.54 -25.21	134.16 7.62 -41.86	152.14 8.84 -57.45	131.41 9.02 -35.66	117.40 8.42 -23.17	100.72 7.72 -6.28	91.97 6.93 -2.60	89.28 6.84 0.00	89.84 6.88 0.00	90.74 7.03 0.00	101.03 8.19 -2.83	115.84 8.98 -15.25	148.53 11.61 -21.93	135.99 9.49 -28.69	116.96 9.61 -10.27	113.65 9.15 -12.95	103.29 8.02 -9.09	101.48 7.19 -10.64	100.71 6.47 -12.29

WEST BABYLON___IC 23714	148.36 8.11 -73.81	114.47 8.03 -40.06	106.61 8.04 -32.12	104.01 8.07 -28.65	107.66 8.91 -24.52	112.54 9.09 -26.43	149.06 10.67 -53.72	179.28 11.76 -81.67	157.51 12.23 -58.55	140.16 12.01 -42.32	111.77 11.71 -13.33	105.70 11.05 -12.22	93.73 11.29 0.00	98.30 11.20 -4.15	107.97 11.55 -12.71	119.27 12.69 -16.57	141.39 13.28 -36.51	161.18 16.79 -29.40	155.26 14.38 -43.07	145.75 14.08 -34.59	131.50 13.27 -26.68	125.03 12.07 -26.79	107.32 11.38 -12.30	105.91 10.49 -13.48
WEST CANADA___HYD 24049	67.04 0.60 0.00	66.97 0.60 0.00	67.04 0.60 0.00	67.96 0.67 0.00	74.97 0.74 0.00	77.87 0.85 0.00	85.61 0.93 0.00	86.88 1.03 0.00	87.85 1.12 0.00	86.85 1.03 0.00	87.85 1.12 0.00	83.35 0.91 0.00	83.43 0.99 0.00	83.95 1.00 0.00	84.72 1.01 0.00	91.18 1.17 0.00	92.71 1.10 0.00	116.49 1.49 0.00	98.99 1.18 0.00	98.25 1.17 0.00	92.65 1.10 0.00	87.30 1.12 0.00	84.65 1.01 0.00	82.84 0.90 0.00
WESTERN_NY_WIND 24143	69.56 -4.05 -7.17	68.63 -3.92 -6.17	67.61 -3.79 -4.95	68.13 -3.57 -4.41	74.15 -3.86 -3.78	77.53 -3.62 -4.12	88.30 -3.39 -7.01	91.77 -3.78 -9.70	88.73 -3.90 -5.90	85.18 -4.55 -3.91	83.19 -4.60 -1.06	77.77 -5.11 -0.44	77.33 -5.11 0.00	77.98 -4.98 0.00	79.02 -4.69 0.00	85.05 -5.13 -0.17	87.58 -5.40 -1.39	109.46 -6.67 -1.13	93.60 -5.77 -1.56	92.80 -6.02 -1.73	88.36 -5.31 -2.12	81.34 -6.38 -1.54	79.67 -5.77 -1.80	78.69 -5.33 -2.08
WESTOVER___LESR 323668	82.60 0.20 -15.95	80.31 0.20 -13.73	77.66 0.20 -11.01	77.24 0.13 -9.82	82.86 0.22 -8.41	87.28 0.46 -9.80	101.40 0.85 -15.89	108.12 0.69 -21.59	101.23 0.78 -13.72	95.13 0.60 -8.71	89.78 0.69 -2.36	83.75 0.33 -0.98	83.43 0.99 0.00	83.95 1.00 0.00	84.96 1.26 0.00	91.20 0.81 -0.39	95.36 0.64 -3.12	119.41 1.84 -2.57	102.35 0.98 -3.56	101.62 0.68 -3.86	96.91 0.64 -4.73	89.77 0.17 -3.42	87.73 0.08 -4.00	86.72 0.16 -4.62
WETHRSFD_WT_PWR 323626	71.40 -4.39 -9.34	69.83 -4.58 -8.04	68.71 -4.18 -6.45	68.93 -4.11 -5.75	74.55 -4.60 -4.92	78.24 -4.24 -5.46	89.27 -4.57 -9.18	94.11 -4.38 -12.64	89.65 -4.86 -7.77	85.51 -5.40 -5.10	82.82 -5.29 -1.38	77.40 -5.61 -0.57	76.92 -5.52 0.00	77.98 -4.98 0.00	79.44 -4.27 0.00	84.65 -5.58 -0.22	87.46 -5.95 -1.81	110.73 -5.75 -1.48	93.80 -6.06 -2.05	92.84 -6.50 -2.26	88.45 -5.86 -2.77	82.58 -5.60 -2.00	80.05 -5.94 -2.34	79.89 -4.75 -2.70
WHAVSTOR_138KV_BK127 55557	115.67 4.32 -44.91	109.28 4.25 -38.66	101.76 4.32 -31.00	99.31 4.37 -27.65	102.64 4.75 -23.66	107.40 4.85 -25.53	134.18 5.76 -43.75	153.15 6.52 -60.78	130.26 6.94 -36.59	117.36 7.04 -24.51	100.48 7.11 -6.64	92.03 6.84 -2.75	89.44 7.01 0.00	89.92 6.97 0.00	90.91 7.20 0.00	101.20 7.65 -3.54	117.51 7.69 -18.22	152.45 9.77 -27.68	142.06 8.22 -36.03	116.10 8.15 -10.86	113.04 7.69 -13.81	102.61 6.81 -9.62	101.17 6.27 -11.25	100.68 5.74 -13.01
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	115.67 4.32 -44.91	109.28 4.25 -38.66	101.76 4.32 -31.00	99.31 4.37 -27.65	102.64 4.75 -23.66	107.40 4.85 -25.53	134.18 5.76 -43.75	153.15 6.52 -60.78	130.26 6.94 -36.59	117.36 7.04 -24.51	100.48 7.11 -6.64	92.03 6.84 -2.75	89.44 7.01 0.00	89.92 6.97 0.00	90.91 7.20 0.00	101.20 7.65 -3.54	117.51 7.69 -18.22	152.45 9.77 -27.68	142.06 8.22 -36.03	116.10 8.15 -10.86	113.04 7.69 -13.81	102.61 6.81 -9.62	101.17 6.27 -11.25	100.68 5.74 -13.01
WHITEHAL_115KV_TB1 80871	135.64 6.38 -62.82	126.76 6.31 -54.08	115.92 6.11 -43.36	112.15 6.19 -38.68	114.38 7.05 -33.10	169.54 7.70 -84.82	177.83 8.89 -84.26	180.22 9.36 -85.02	195.74 9.37 -99.64	128.17 8.07 -34.28	104.17 8.15 -9.29	93.21 6.92 -3.85	89.36 6.92 0.00	90.01 7.05 0.00	91.16 7.45 0.00	98.79 8.64 -0.14	107.83 9.25 -6.98	126.09 12.53 1.44	108.97 10.27 -0.88	122.17 9.90 -15.19	118.84 8.97 -18.33	107.74 8.10 -13.46	107.00 7.61 -15.74	107.10 6.96 -18.19
WHITEPLN_13_KV_LOAD 356215	118.40 5.51 -46.44	111.86 5.51 -39.98	104.08 5.58 -32.06	101.53 5.65 -28.59	104.79 6.09 -24.47	109.64 6.24 -26.38	137.44 7.54 -45.23	157.28 8.58 -62.85	133.57 9.02 -37.82	120.17 9.01 -25.34	102.70 9.11 -6.87	93.86 8.57 -2.85	91.26 8.82 0.00	91.67 8.71 0.00	92.66 8.96 0.00	103.47 9.72 -3.74	120.46 9.71 -19.15	156.82 12.53 -29.29	146.39 10.47 -38.11	118.70 10.39 -11.23	115.64 9.80 -14.30	104.66 8.53 -9.95	103.23 7.95 -11.64	102.76 7.37 -13.45
WM_FLOYD_69_KV_BK2 356380	148.36 8.11 -73.81	114.67 8.23 -40.06	106.81 8.24 -32.12	104.21 8.28 -28.65	107.88 9.13 -24.52	112.70 9.24 -26.43	148.90 10.50 -53.72	179.28 11.76 -81.67	157.51 12.23 -58.55	139.90 11.76 -42.32	111.51 11.45 -13.33	105.45 10.80 -12.22	93.57 11.13 0.00	98.05 10.95 -4.15	107.80 11.38 -12.71	118.73 12.15 -16.57	141.21 13.10 -36.51	160.84 16.44 -29.40	154.87 13.99 -43.07	145.36 13.69 -34.59	131.13 12.91 -26.68	125.12 12.15 -26.79	107.40 11.46 -12.30	106.07 10.65 -13.48
WOODARD___115KV_TB2 355635	70.27 -0.93 -4.75	69.47 -1.00 -4.09	68.80 -0.93 -3.28	69.20 -1.01 -2.93	75.77 -0.96 -2.50	77.31 -0.85 -1.14	87.97 -0.59 -3.89	91.76 -0.52 -6.43	88.53 -0.52 -2.32	87.81 -0.60 -2.59	86.83 -0.61 -0.70	81.82 -0.91 -0.29	81.61 -0.82 0.00	82.13 -0.83 0.00	82.95 -0.75 0.00	89.40 -0.72 -0.11	91.78 -0.73 -0.91	114.92 -0.80 -0.73	98.08 -0.68 -0.94	97.45 -0.78 -1.15	92.22 -0.73 -1.41	86.08 -1.12 -1.02	83.75 -1.09 -1.19	82.17 -1.15 -1.38
YORK___WARBASSE 23770	118.96 5.98 -46.53	112.07 5.64 -40.06	104.48 5.91 -32.12	101.92 5.99 -28.65	105.21 6.46 -24.52	109.92 6.47 -26.43	137.70 7.71 -45.32	157.93 9.10 -62.98	134.17 9.54 -37.90	126.56 9.78 -30.96	111.87 9.80 -15.34	114.44 9.32 -22.69	117.11 9.40 -25.28	106.75 9.37 -14.42	101.95 9.63 -8.61	104.12 10.35 -3.76	130.41 10.44 -28.37	165.11 13.34 -36.77	152.59 11.25 -43.52	122.58 11.16 -14.34	116.41 10.53 -14.34	105.55 9.39 -9.97	104.10 8.78 -11.67	138.82 8.28 -48.60