

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										02/02/2025		
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			
59TH STREET_GT_1	24138	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		103.97	94.30	80.22	74.22	68.98	71.53	80.41	84.94	88.46	84.88	72.14	76.08	70.84	70.61	70.40	75.97	90.87	109.52	110.20	94.77	84.07	70.78	61.24	56.62			
		4.65	3.85	3.26	2.98	2.68	2.91	3.56	4.18	4.64	4.40	3.73	4.24	4.01	4.12	4.17	4.37	5.72	6.90	6.95	6.08	5.45	4.38	3.74	3.01			
		-0.34	-0.83	-0.99	-1.78	-2.47	-0.99	-4.23	-4.66	-6.48	-7.22	-2.89	-0.01	-0.01	0.00	0.00	0.00	-1.04	-2.53	-7.97	-1.83	-1.92	-1.01	-0.01	-0.83			
74TH STREET_GT_1	24260	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		103.57	93.94	80.00	73.88	68.73	71.26	80.12	84.79	88.23	84.59	71.88	75.87	70.64	70.35	70.14	75.75	90.79	109.33	109.92	94.77	83.84	70.52	61.07	56.35			
		4.26	3.49	3.04	2.64	2.43	2.64	3.27	4.03	4.41	4.10	3.47	4.02	3.81	3.86	3.91	4.15	5.64	6.71	6.67	6.08	5.22	4.12	3.56	2.74			
		-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-1.04	-2.53	-7.97	-1.83	-1.92	-1.01	-0.01	-0.83			
74TH STREET_GT_2	24261	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		103.57	93.94	80.00	73.88	68.73	71.26	80.12	84.79	88.23	84.59	71.88	75.87	70.64	70.35	70.14	75.75	90.79	109.33	109.92	94.77	83.84	70.52	61.07	56.35			
		4.26	3.49	3.04	2.64	2.43	2.64	3.27	4.03	4.41	4.10	3.47	4.02	3.81	3.86	3.91	4.15	5.64	6.71	6.67	6.08	5.22	4.12	3.56	2.74			
		-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-1.04	-2.53	-7.97	-1.83	-1.92	-1.01	-0.01	-0.83			
ADK HUDSON___FALLS	24011	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		110.87	105.92	92.88	94.18	95.43	83.87	123.76	132.40	153.17	156.81	102.17	78.24	72.78	72.21	71.99	78.11	102.96	136.50	189.04	114.48	104.24	82.02	62.70	66.05			
		8.31	7.44	6.38	5.76	5.36	5.68	6.25	6.77	7.04	6.81	5.96	6.32	5.88	5.72	5.76	6.52	7.82	9.51	9.15	8.16	7.13	5.88	5.12	4.49			
		-3.57	-8.87	-10.53	-18.96	-26.23	-10.57	-44.89	-49.54	-68.79	-76.73	-30.69	-0.08	-0.08	0.00	0.00	0.00	-11.03	-26.90	-84.61	-19.45	-20.40	-10.75	-0.08	-8.78			
ADK RESOURCE___RCVRY	23798	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		111.69	106.63	93.43	94.84	96.11	84.44	124.68	133.39	154.50	158.17	102.98	78.74	73.25	72.67	72.45	78.69	103.73	137.55	190.58	115.35	105.04	82.58	63.10	66.45			
		9.10	8.07	6.84	6.25	5.81	6.15	6.76	7.31	7.73	7.48	6.49	6.83	6.35	6.18	6.22	7.09	8.49	10.31	9.91	8.86	7.74	6.34	5.52	4.80			
		-3.61	-8.95	-10.62	-19.13	-26.47	-10.66	-45.30	-49.99	-69.42	-77.43	-30.97	-0.08	-0.08	0.00	0.00	0.00	-11.13	-27.15	-85.38	-19.63	-20.59	-10.85	-0.08	-8.86			
ADK S GLENS___FALLS	24028	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		110.87	105.92	92.88	94.18	95.43	83.87	123.76	132.40	153.17	156.81	102.17	78.24	72.78	72.21	71.99	78.11	102.96	136.50	189.04	114.48	104.24	82.02	62.70	66.05			
		8.31	7.44	6.38	5.76	5.36	5.68	6.25	6.77	7.04	6.81	5.96	6.32	5.88	5.72	5.76	6.52	7.82	9.51	9.15	8.16	7.13	5.88	5.12	4.49			
		-3.57	-8.87	-10.53	-18.96	-26.23	-10.57	-44.89	-49.54	-68.79	-76.73	-30.69	-0.08	-0.08	0.00	0.00	0.00	-11.03	-26.90	-84.61	-19.45	-20.40	-10.75	-0.08	-8.78			
ADK_NYS___DAM	23527	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		107.23	100.94	87.61	86.65	85.82	78.83	108.43	115.51	130.60	131.83	91.20	76.56	71.22	70.81	70.53	76.32	97.74	125.98	161.55	106.85	96.55	77.44	61.47	62.33			
		5.74	5.11	4.25	3.89	3.57	3.78	4.28	4.64	4.95	4.69	4.13	4.67	4.34	4.32	4.30	4.72	5.89	7.00	6.86	6.34	5.53	4.51	3.91	3.38			
		-2.51	-6.22	-7.39	-13.31	-18.42	-7.42	-31.51	-34.78	-48.30	-53.87	-21.55	-0.05	-0.05	0.00	0.00	0.00	-7.74	-18.89	-59.40	-13.66	-14.33	-7.55	-0.05	-6.16			
AIR_PRODUCTS___DRP	24190	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		103.66	96.71	83.51	81.02	78.93	74.81	97.36	103.27	114.33	114.09	82.99	74.18	69.00	68.62	68.35	73.53	91.89	115.94	140.30	98.90	89.05	72.74	59.26	58.98			
		2.87	2.60	2.20	1.94	1.79	1.83	1.96	2.05	2.09	1.90	1.90	2.30	2.14	2.13	2.12	1.93	2.19	2.20	2.10	2.17	1.99	1.90	1.72	1.74			
		-1.81	-4.50	-5.34	-9.62	-13.31	-5.36	-22.77	-25.13	-34.90	-38.92	-15.57	-0.04	-0.04	0.00	0.00	0.00	-5.60	-13.65	-42.92	-9.87	-10.35	-5.46	-0.04	-4.45			
AKWESSNE_115KV_BK	355683	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		100.27	91.14	77.26	70.91	65.24	69.05	74.01	77.08	78.27	74.07	66.24	72.63	67.62	67.35	66.96	72.17	84.28	100.09	95.09	86.69	76.70	65.58	57.79	53.20			
		1.29	1.52	1.29	1.46	1.40	1.42	1.38	0.99	0.93	0.81	0.72	0.79	0.80	0.86	0.73	0.57	0.17	0.00	-0.19	-0.17	0.00	0.20	0.29	0.42			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		107.07	99.32	85.42	81.90	78.79	76.46	95.48	100.89	109.83	108.45	81.48	75.67	70.39	70.34	70.27	76.11	93.65	116.94	135.34	100.08	89.69	73.75	61.33	59.84			
		6.63	6.10	5.17	4.73	4.28	4.53	4.58	4.64	4.48	3.95	3.47	3.80	3.54	3.85	4.04	4.51	5.05	5.90	5.62	5.30	4.68	3.99	3.79	3.48			
		-1.45	-3.61	-4.28	-7.71	-10.68	-4.30	-18.27	-20.16	-28.00	-31.23	-12.49	-0.03	-0.03	0.00	0.00	0.00	-4.49	-10.95	-34.43	-7.92	-8.30	-4.38	-0.03	-3.57			
ALBANY_2_SOLAR	323834	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		107.07	99.23	85.42	81.82	78.79	76.39	95.40	100.89	109.82	108.44	81.48	75.67	70.39	70.34	70.27	76.11	93.65	116.84	135.34	99.99	89.69	73.75	61.33	59.84			
		6.63	6.00	5.17	4.65	4.28	4.46	4.50	4.64	4.48	3.95	3.47	3.80	3.54	3.85	4.04	4.51	5.05	5.80	5.62	5.21	4.68	3.99	3.79	3.48			
		-1.45	-3.61	-4.28	-7.71	-10.67	-4.30	-18.27	-20.16	-28.00	-31.23	-12.49	-0.03	-0.03	0.00	0.00	0.00	-4.49	-10.95	-34.43	-7.92	-8.30	-4.38	-0.03	-3.57			
ALBANY___1	23571	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
		103.66	96.71	83.51	81.02	78.93	74.81	97.36	103.27	114.33	114.09	82.99	74.18	69.00	68.62	68.35	73.53	91.89	115.94	140.30	98.90	89.05	72.74	59.26	58.98			
		2.87	2.60	2.20	1.94	1.79	1.83	1.96	2.05	2.09	1.90	1.90	2.30	2.14	2.13	2.12	1.93	2.19	2.20	2.10	2.17	1.99	1.90	1.72	1.74			
		-1.81	-4.50	-5.34	-9.62	-13.31	-5.36	-22.77	-25.13	-34.90	-38.92	-15.57	-0.04	-0.04	0.00	0.00	0.00	-5.60	-13.65	-42.92	-9.87	-10.35	-5.46	-0.04	-4.45			

ALBANY___2 23572	103.66 2.87 -1.81	96.71 2.60 -4.50	83.51 2.20 -5.34	81.02 1.94 -9.62	78.93 1.79 -13.31	74.81 1.83 -5.36	97.36 1.96 -22.77	103.27 2.05 -25.13	114.33 2.09 -34.90	114.09 1.90 -38.92	82.99 1.90 -15.57	74.18 2.30 -0.04	69.00 2.14 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.53 1.93 0.00	91.89 2.19 -5.60	115.94 2.20 -13.65	140.30 2.10 -42.92	98.90 2.17 -9.87	89.05 1.99 -10.35	72.74 1.90 -5.46	59.26 1.72 -0.04	58.98 1.74 -4.45
ALBANY___3 23573	103.66 2.87 -1.81	96.71 2.60 -4.50	83.51 2.20 -5.34	81.02 1.94 -9.62	78.93 1.79 -13.31	74.81 1.83 -5.36	97.36 1.96 -22.77	103.27 2.05 -25.13	114.33 2.09 -34.90	114.09 1.90 -38.92	82.99 1.90 -15.57	74.18 2.30 -0.04	69.00 2.14 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.53 1.93 0.00	91.89 2.19 -5.60	115.94 2.20 -13.65	140.30 2.10 -42.92	98.90 2.17 -9.87	89.05 1.99 -10.35	72.74 1.90 -5.46	59.26 1.72 -0.04	58.98 1.74 -4.45
ALBANY___4 23574	103.66 2.87 -1.81	96.71 2.60 -4.50	83.51 2.20 -5.34	81.02 1.94 -9.62	78.93 1.79 -13.31	74.81 1.83 -5.36	97.36 1.96 -22.77	103.27 2.05 -25.13	114.33 2.09 -34.90	114.09 1.90 -38.92	82.99 1.90 -15.57	74.18 2.30 -0.04	69.00 2.14 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.53 1.93 0.00	91.89 2.19 -5.60	115.94 2.20 -13.65	140.30 2.10 -42.92	98.90 2.17 -9.87	89.05 1.99 -10.35	72.74 1.90 -5.46	59.26 1.72 -0.04	58.98 1.74 -4.45
ALBANY___LFGE 323615	104.99 3.66 -2.35	98.76 3.32 -5.83	85.62 2.73 -6.92	84.41 2.50 -12.46	83.36 2.29 -17.24	77.00 2.43 -6.94	104.67 2.54 -29.50	111.30 2.66 -32.55	125.33 2.78 -45.20	126.32 2.63 -50.42	88.18 2.49 -20.17	74.83 2.95 -0.05	69.61 2.74 -0.05	69.22 2.73 0.00	68.94 2.72 0.00	74.32 2.72 0.00	94.47 3.11 -7.25	121.06 3.30 -17.68	154.02 3.14 -55.60	102.68 3.04 -12.78	92.95 2.84 -13.41	74.94 2.48 -7.07	59.79 2.24 -0.05	60.72 2.16 -5.77
ALCOA_PA_115KV_PL-6C 55860	100.76 1.78 0.00	91.68 2.06 0.00	77.64 1.67 0.00	71.33 1.88 0.00	65.62 1.79 0.00	69.38 1.76 0.00	74.37 1.74 0.00	77.38 1.29 0.00	78.50 1.16 0.00	74.36 1.10 0.00	66.50 0.98 0.00	72.91 1.08 0.00	67.82 1.00 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.31 0.72 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.28 0.00 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.78 0.39 0.00	58.02 0.52 0.00	53.47 0.69 0.00
ALCOA_RYNLDS___DRP 24188	100.76 1.78 0.00	91.68 2.06 0.00	77.64 1.67 0.00	71.33 1.88 0.00	65.62 1.79 0.00	69.38 1.76 0.00	74.37 1.74 0.00	77.38 1.29 0.00	78.50 1.16 0.00	74.36 1.10 0.00	66.50 0.98 0.00	72.91 1.08 0.00	67.82 1.00 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.31 0.72 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.28 0.00 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.78 0.39 0.00	58.02 0.52 0.00	53.47 0.69 0.00
ALCOA___DSASP 323711	100.76 1.78 0.00	91.68 2.06 0.00	77.87 1.90 0.00	71.33 1.88 0.00	65.62 1.78 0.00	69.38 1.76 0.00	74.37 1.74 0.00	77.38 1.29 0.00	78.51 1.16 0.00	74.36 1.10 0.00	66.50 0.98 0.00	72.92 1.08 0.00	67.82 1.00 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.31 0.72 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.28 0.00 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.65 0.26 0.00	57.96 0.46 0.00	53.47 0.68 0.00
ALLEGHENY___COGEN 23514	94.23 -4.75 0.00	84.86 -4.75 0.00	71.94 -4.03 0.00	65.64 -3.82 0.00	60.26 -3.57 0.00	63.70 -3.92 0.00	68.13 -4.50 0.00	71.86 -4.42 -0.19	117.77 -5.72 -46.15	113.26 -5.50 -45.49	61.06 -4.65 -0.19	91.93 -5.82 -25.91	87.60 -5.75 -26.53	91.56 -5.79 -30.85	89.98 -5.83 -29.58	66.27 -5.51 -0.19	127.74 -6.56 -50.19	152.63 -7.01 -59.55	146.90 -6.29 -57.91	131.93 -5.64 -50.71	102.13 -4.83 -30.26	61.44 -3.92 0.03	54.11 -3.39 0.00	51.62 -1.16 0.00
ALTAMONT_115KV_TB 2 55880	103.25 2.87 -1.40	95.59 2.51 -3.47	82.22 2.13 -4.12	78.75 1.88 -7.42	75.83 1.72 -10.27	73.66 1.89 -4.14	92.24 2.03 -17.58	97.77 2.28 -19.40	106.68 2.40 -26.94	105.58 2.27 -30.05	79.50 1.97 -12.02	74.17 2.30 -0.03	68.99 2.14 -0.03	68.62 2.13 0.00	68.41 2.19 0.00	73.89 2.29 0.00	91.29 2.86 -4.32	113.93 3.30 -10.53	131.56 3.14 -33.13	97.43 2.95 -7.62	87.30 2.61 -7.99	71.82 2.22 -4.21	59.43 1.90 -0.03	57.91 1.69 -3.44
ALTONA_WT_PWR 323606	100.66 1.68 0.00	91.76 2.15 0.00	77.94 1.97 0.00	71.54 2.08 0.00	65.82 1.98 0.00	69.65 2.03 0.00	74.74 2.11 0.00	77.69 1.60 0.00	78.74 1.39 0.00	74.58 1.32 0.00	66.76 1.24 0.00	73.20 1.36 0.00	68.29 1.47 0.00	68.02 1.53 0.00	67.55 1.32 0.00	72.60 1.00 0.00	84.53 0.42 0.00	100.19 0.10 0.00	95.00 -0.28 0.00	86.51 -0.35 0.00	76.63 -0.08 0.00	65.52 0.13 0.00	57.79 0.29 0.00	53.62 0.84 0.00
AMERICAN_REF_FUEL 24010	86.11 -12.87 0.00	77.51 -12.10 0.00	66.09 -9.87 0.00	60.29 -9.17 0.00	55.34 -8.49 0.00	58.56 -9.06 0.00	62.10 -10.53 0.00	64.63 -11.41 0.05	55.18 -11.52 10.64	52.29 -10.48 10.49	56.30 -9.17 0.05	55.73 -10.13 5.98	50.74 -9.96 6.12	49.60 -9.77 7.12	49.60 -9.80 6.83	60.96 -10.60 0.05	59.59 -12.95 11.57	71.12 -15.31 13.66	67.33 -14.67 13.28	62.31 -12.85 11.69	58.52 -11.20 6.98	55.76 -9.61 0.02	49.39 -8.11 0.00	46.03 -6.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	90.47 -8.51 0.00	81.37 -8.24 0.00	68.90 -7.06 0.00	62.58 -6.88 0.00	57.26 -6.57 0.00	60.53 -7.10 0.00	64.13 -8.50 0.00	67.22 -8.83 0.05	57.05 -8.82 11.47	53.97 -7.98 11.31	58.53 -6.95 0.05	57.64 -7.76 6.44	52.47 -7.75 6.60	50.64 -8.18 7.67	51.19 -7.68 7.35	63.82 -7.73 0.05	61.79 -9.84 12.48	74.55 -11.31 14.23	70.58 -10.86 13.84	64.87 -9.38 12.61	61.05 -8.13 7.52	57.85 -7.52 0.02	51.35 -6.15 0.00	47.77 -5.02 0.00
ARTHUR KILL_GT_1 23520	102.48 3.17 -0.34	70.79 2.42 21.24	58.38 1.90 19.49	59.57 1.74 11.63	65.88 1.47 -0.58	70.11 1.56 -0.93	79.18 2.32 -4.23	83.80 3.05 -4.66	87.31 3.48 -6.48	56.57 3.08 19.76	55.60 2.55 12.47	58.46 2.95 16.32	57.14 2.87 12.55	64.23 2.99 5.25	69.28 3.05 0.00	58.56 3.15 16.19	95.40 4.96 -6.33	108.52 5.90 -2.53	109.26 6.01 -7.97	99.45 5.48 -7.12	85.94 4.76 -4.48	69.86 3.46 -1.01	60.67 3.16 -0.01	55.99 2.38 -0.83
ARTHUR_KILL_2 23512	102.19 2.87 -0.34	70.52 2.15 21.24	58.15 1.67 19.49	59.36 1.53 11.63	65.69 1.28 -0.58	69.98 1.42 -0.93	78.96 2.11 -4.23	83.57 2.82 -4.66	87.07 3.25 -6.48	56.35 2.85 19.76	55.41 2.36 12.47	58.31 2.80 16.32	56.94 2.68 12.55	64.03 2.79 5.25	69.07 2.85 0.00	58.35 2.94 16.19	95.14 4.71 -6.33	108.12 5.50 -2.53	108.87 5.62 -7.97	99.19 5.21 -7.12	85.63 4.45 -4.48	69.67 3.27 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ARTHUR_KILL_3 23513	77.07 3.17 25.08	70.96 2.60 21.25	58.60 2.12 19.50	58.67 1.94 12.73	58.67 1.72 6.89	61.99 1.89 7.52	70.86 2.47 4.24	75.36 3.12 3.85	78.86 3.48 1.96	56.71 3.22 19.77	55.69 2.69 12.52	58.66 3.16 16.33	56.44 3.01 13.39	59.44 3.06 10.11	59.44 3.11 9.90	58.70 3.30 16.19	57.95 4.71 30.87	60.11 5.50 45.48	61.22 5.52 39.58	58.70 5.04 33.20	57.95 4.29 23.05	59.44 3.40 9.34	58.69 2.87 1.68	55.44 2.22 -0.44

ARTHUR_KILL_COGEN 323718	102.48 3.17 -0.34	70.79 2.42 21.24	58.38 1.90 19.49	59.57 1.74 11.63	65.88 1.47 -0.58	70.11 1.56 -0.93	79.18 2.32 -4.23	83.80 3.05 -4.66	87.31 3.48 -6.48	56.57 3.08 19.76	55.60 2.55 12.47	58.46 2.95 16.32	57.14 2.87 12.55	64.23 2.99 5.25	69.28 3.05 0.00	58.56 3.15 16.19	95.40 4.96 -6.33	108.52 5.90 -2.53	109.26 6.01 -7.97	99.45 5.48 -7.12	85.94 4.76 -4.48	69.86 3.46 -1.01	60.67 3.16 -0.01	55.99 2.38 -0.83
ASHOKAN____ 23654	102.70 2.67 -1.05	94.64 2.42 -2.61	81.04 1.97 -3.10	76.77 1.74 -5.58	73.08 1.53 -7.72	72.56 1.83 -3.11	87.86 2.03 -13.20	93.10 2.43 -14.57	100.29 2.71 -20.24	98.03 2.20 -22.57	76.06 1.51 -9.03	73.22 1.36 -0.02	68.18 1.34 -0.02	69.88 3.39 0.00	69.80 3.57 0.00	75.82 4.22 0.00	90.38 3.02 -3.24	111.90 3.90 -7.91	124.08 3.91 -24.89	96.06 3.48 -5.72	85.39 2.68 -6.00	70.58 2.03 -3.16	60.74 3.22 -0.02	56.63 1.26 -2.58
ASTORIA_EAST_ENERGY_CC1 323581	102.87 3.56 -0.34	93.13 2.69 -0.83	79.24 2.28 -0.99	73.26 2.02 -1.78	67.90 1.60 -2.47	70.37 1.76 -0.99	79.17 2.32 -4.22	83.87 3.12 -4.66	87.68 3.87 -6.47	83.70 3.22 -7.22	71.09 2.69 -2.88	74.99 3.16 0.00	69.83 3.01 0.00	69.61 3.13 0.01	69.40 3.18 0.01	74.89 3.30 0.01	90.02 4.88 -1.03	108.21 5.60 -2.53	108.96 5.72 -7.96	93.98 5.30 -1.82	84.05 5.14 -2.21	69.85 3.46 -1.01	60.43 2.93 0.00	56.04 2.43 -0.83
ASTORIA_EAST_ENERGY_CC2 323582	102.87 3.56 -0.34	93.13 2.69 -0.83	79.24 2.28 -0.99	73.26 2.02 -1.78	67.90 1.60 -2.47	70.37 1.76 -0.99	79.17 2.32 -4.22	83.79 3.05 -4.66	87.68 3.87 -6.47	83.70 3.22 -7.22	71.09 2.69 -2.88	74.99 3.16 0.00	69.83 3.01 0.00	69.61 3.13 0.01	69.40 3.18 0.01	74.89 3.30 0.01	90.02 4.88 -1.03	108.21 5.60 -2.53	108.96 5.72 -7.96	93.98 5.30 -1.82	84.05 5.14 -2.21	69.85 3.46 -1.01	60.43 2.93 0.00	56.04 2.43 -0.83
ASTORIA_GT2_1 24094	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT2_2 24095	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT2_3 24096	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT2_4 24097	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT3_1 24098	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT3_2 24099	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT3_3 24100	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT3_4 24101	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT4_1 24102	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT4_2 24103	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT4_3 24104	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83

ASTORIA_GT4_4 24105	102.78 3.46 -0.34	93.05 2.60 -0.83	79.39 2.43 -0.99	73.05 1.81 -1.78	67.90 1.60 -2.47	70.31 1.69 -1.00	79.18 2.32 -4.23	84.03 3.27 -4.66	87.38 3.56 -6.48	83.79 3.30 -7.23	71.16 2.75 -2.89	75.01 3.16 -0.01	69.83 3.01 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	74.89 3.29 0.00	90.03 4.88 -1.04	108.33 5.71 -2.53	109.06 5.81 -7.97	94.08 5.39 -1.83	84.20 5.29 -2.21	69.86 3.47 -1.01	60.50 2.99 -0.01	55.83 2.22 -0.83
ASTORIA_GT_1 23523	103.08 3.76 -0.34	93.40 2.95 -0.83	79.39 2.43 -0.99	73.40 2.16 -1.78	68.09 1.78 -2.47	70.50 1.89 -0.99	79.39 2.54 -4.22	84.02 3.27 -4.66	87.83 4.02 -6.47	83.92 3.44 -7.22	71.22 2.82 -2.88	75.14 3.31 0.00	69.96 3.14 0.00	69.74 3.26 0.01	69.53 3.31 0.01	75.03 3.44 0.01	90.19 5.05 -1.03	108.52 5.90 -2.53	109.25 6.01 -7.96	94.25 5.56 -1.82	84.28 5.37 -2.21	69.98 3.59 -1.01	60.60 3.10 0.00	56.14 2.53 -0.83
ASTORIA_GT_10 24110	102.78 3.46 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.18 1.94 -1.78	68.09 1.79 -2.47	70.58 1.96 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.29 2.88 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	83.53 4.91 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
ASTORIA_GT_11 24225	102.78 3.46 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.18 1.94 -1.78	68.09 1.79 -2.47	70.58 1.96 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.29 2.88 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	83.53 4.91 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
ASTORIA_GT_12 24226	102.78 3.46 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.18 1.94 -1.78	68.09 1.79 -2.47	70.58 1.96 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.29 2.88 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	83.53 4.91 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
ASTORIA_GT_13 24227	102.78 3.46 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.18 1.94 -1.78	68.09 1.79 -2.47	70.58 1.96 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.29 2.88 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	83.53 4.91 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
ASTORIA_GT_5 24106	102.98 3.66 -0.34	93.23 2.78 -0.83	79.54 2.58 -0.99	73.18 1.94 -1.78	67.96 1.66 -2.47	70.45 1.83 -1.00	79.25 2.40 -4.23	84.18 3.42 -4.66	87.53 3.71 -6.48	83.93 3.44 -7.23	71.23 2.82 -2.89	75.15 3.30 -0.01	69.97 3.14 -0.01	69.75 3.26 0.00	69.54 3.31 0.00	75.03 3.44 0.00	90.20 5.05 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	84.35 5.45 -2.21	69.99 3.60 -1.01	60.55 3.05 -0.01	55.88 2.27 -0.83
ASTORIA_GT_7 24107	102.98 3.66 -0.34	93.23 2.78 -0.83	79.54 2.58 -0.99	73.18 1.94 -1.78	67.96 1.66 -2.47	70.45 1.83 -1.00	79.25 2.40 -4.23	84.18 3.42 -4.66	87.53 3.71 -6.48	83.93 3.44 -7.23	71.23 2.82 -2.89	75.15 3.30 -0.01	69.97 3.14 -0.01	69.75 3.26 0.00	69.54 3.31 0.00	75.03 3.44 0.00	90.20 5.05 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	84.35 5.45 -2.21	69.99 3.60 -1.01	60.55 3.05 -0.01	55.88 2.27 -0.83
ASTORIA_GT_8 24108	102.98 3.66 -0.34	93.23 2.78 -0.83	79.54 2.58 -0.99	73.18 1.94 -1.78	67.96 1.66 -2.47	70.45 1.83 -1.00	79.25 2.40 -4.23	84.18 3.42 -4.66	87.53 3.71 -6.48	83.93 3.44 -7.23	71.23 2.82 -2.89	75.15 3.30 -0.01	69.97 3.14 -0.01	69.75 3.26 0.00	69.54 3.31 0.00	75.03 3.44 0.00	90.20 5.05 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	84.35 5.45 -2.21	69.99 3.60 -1.01	60.55 3.05 -0.01	55.88 2.27 -0.83
ASTORIA___2 24149	102.98 3.66 -0.34	93.23 2.78 -0.83	79.24 2.28 -0.99	73.32 2.08 -1.78	67.96 1.66 -2.47	70.37 1.76 -0.99	79.24 2.39 -4.22	83.87 3.12 -4.66	87.68 3.87 -6.47	83.78 3.30 -7.22	71.15 2.75 -2.88	74.99 3.16 0.00	69.83 3.01 0.00	69.61 3.13 0.01	69.40 3.18 0.01	74.89 3.30 0.01	90.02 4.88 -1.03	108.32 5.70 -2.53	109.06 5.81 -7.96	94.07 5.39 -1.82	84.13 5.22 -2.21	69.85 3.46 -1.01	60.49 2.99 0.00	56.09 2.48 -0.83
ASTORIA___3 23516	102.87 3.56 -0.34	93.32 2.87 -0.83	79.32 2.36 -0.99	73.40 2.16 -1.78	68.16 1.85 -2.47	70.65 2.03 -1.00	79.47 2.61 -4.23	84.10 3.34 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.29 2.88 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.60 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.52 5.90 -2.53	109.26 6.01 -7.97	94.26 5.56 -1.83	83.46 4.84 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	56.09 2.48 -0.83
ASTORIA___4 23517	102.78 3.46 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.18 1.94 -1.78	68.09 1.79 -2.47	70.58 1.96 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.29 2.88 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	83.53 4.91 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
ASTORIA___5 23518	102.87 3.56 -0.34	93.32 2.87 -0.83	79.32 2.36 -0.99	73.40 2.16 -1.78	68.16 1.85 -2.47	70.65 2.03 -1.00	79.47 2.61 -4.23	84.10 3.34 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.29 2.88 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.60 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.52 5.90 -2.53	109.26 6.01 -7.97	94.26 5.56 -1.83	83.46 4.84 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	56.09 2.48 -0.83
AST_ENERGY_2_CC3 323677	102.87 3.56 -0.34	93.40 2.95 -0.83	79.39 2.43 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.78 2.16 -0.99	79.61 2.76 -4.23	84.18 3.43 -4.66	87.61 3.79 -6.48	39.49 3.44 37.22	39.49 2.88 28.91	39.49 3.38 35.72	39.49 3.21 30.54	39.49 3.26 30.26	39.49 3.38 30.11	39.49 3.51 35.62	39.49 4.88 49.50	40.91 5.70 64.88	42.02 5.81 59.07	40.24 5.30 51.92	39.49 4.52 41.74	39.49 3.59 29.49	39.49 3.10 21.11	39.49 2.43 15.72
AST_ENERGY_2_CC4 323678	102.87 3.56 -0.34	93.40 2.95 -0.83	79.39 2.43 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.78 2.16 -0.99	79.61 2.76 -4.23	84.18 3.43 -4.66	87.61 3.79 -6.48	39.49 3.44 37.22	39.49 2.88 28.91	39.49 3.38 35.72	39.49 3.21 30.54	39.49 3.26 30.26	39.49 3.38 30.11	39.49 3.51 35.62	39.49 4.88 49.50	40.91 5.70 64.88	42.02 5.81 59.07	40.24 5.30 51.92	39.49 4.52 41.74	39.49 3.59 29.49	39.49 3.10 21.11	39.49 2.43 15.72

ATHENS_STG_1 23668	102.11 2.87 -0.26	92.76 2.51 -0.64	78.85 2.12 -0.76	72.76 1.94 -1.36	67.44 1.72 -1.88	70.27 1.89 -0.76	78.03 2.18 -3.22	82.15 2.51 -3.56	84.99 2.71 -4.94	81.34 2.56 -5.51	69.88 2.16 -2.20	74.36 2.51 -0.01	69.23 2.40 -0.01	68.88 2.39 0.00	68.61 2.38 0.00	74.17 2.57 0.00	88.35 3.45 -0.79	106.03 4.01 -1.93	105.27 3.91 -6.08	91.90 3.65 -1.40	81.32 3.15 -1.47	68.71 2.55 -0.77	59.69 2.18 -0.01	55.21 1.80 -0.63
ATHENS_STG_2 23670	102.11 2.87 -0.26	92.76 2.51 -0.64	78.85 2.12 -0.76	72.76 1.94 -1.36	67.44 1.72 -1.88	70.27 1.89 -0.76	78.03 2.18 -3.22	82.15 2.51 -3.56	84.99 2.71 -4.94	81.34 2.56 -5.51	69.88 2.16 -2.20	74.36 2.51 -0.01	69.23 2.40 -0.01	68.88 2.39 0.00	68.61 2.38 0.00	74.17 2.57 0.00	88.35 3.45 -0.79	106.03 4.01 -1.93	105.27 3.91 -6.08	91.90 3.65 -1.40	81.32 3.15 -1.47	68.71 2.55 -0.77	59.69 2.18 -0.01	55.21 1.80 -0.63
ATHENS_STG_3 23677	102.11 2.87 -0.26	92.76 2.51 -0.64	78.85 2.12 -0.76	72.76 1.94 -1.36	67.44 1.72 -1.88	70.27 1.89 -0.76	78.03 2.18 -3.22	82.15 2.51 -3.56	84.99 2.71 -4.94	81.34 2.56 -5.51	69.88 2.16 -2.20	74.36 2.51 -0.01	69.23 2.40 -0.01	68.88 2.39 0.00	68.61 2.38 0.00	74.17 2.57 0.00	88.35 3.45 -0.79	106.03 4.01 -1.93	105.27 3.91 -6.08	91.90 3.65 -1.40	81.32 3.15 -1.47	68.71 2.55 -0.77	59.69 2.18 -0.01	55.21 1.80 -0.63
AUBURN___LFGE 323710	97.50 -1.48 0.00	88.09 -1.52 0.00	74.60 -1.37 0.00	68.14 -1.32 0.00	62.62 -1.21 0.00	66.41 -1.22 0.00	71.32 -1.31 0.00	74.87 -1.22 0.00	75.95 -1.39 0.00	72.16 -1.10 0.00	64.54 -0.98 0.00	70.69 -1.15 0.00	65.62 -1.20 0.00	65.23 -1.26 0.00	65.04 -1.19 0.00	70.52 -1.07 0.00	82.77 -1.35 0.00	98.69 -1.40 0.00	94.05 -1.24 0.00	85.73 -1.13 0.00	75.71 -1.00 0.00	64.41 -0.98 -0.01	56.52 -0.98 0.00	51.94 -0.84 0.00
BABYLON_RES_REC 323704	107.10 6.24 -1.88	100.65 5.47 -5.56	103.56 4.56 -23.03	97.51 4.17 -23.89	100.68 3.89 -32.95	103.63 4.26 -31.74	109.04 4.87 -31.55	121.33 5.55 -39.69	121.16 6.04 -37.78	115.47 5.57 -36.64	107.34 4.78 -37.04	102.29 5.39 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.94 5.17 -39.54	121.41 5.65 -44.16	127.83 7.40 -36.32	150.57 8.81 -41.67	133.53 8.67 -29.58	125.55 7.90 -30.79	123.36 6.75 -39.90	107.46 5.49 -36.58	97.99 4.72 -35.77	99.11 3.96 -42.37
BABYLON__69_KV_BK2 356345	108.28 7.42 -1.88	101.63 6.45 -5.56	104.55 5.55 -23.03	98.28 4.93 -23.89	101.32 4.53 -32.95	104.30 4.94 -31.74	109.70 5.52 -31.55	122.32 6.54 -39.68	121.93 6.81 -37.78	116.21 6.30 -36.64	108.07 5.50 -37.04	103.08 6.18 -25.06	102.93 5.81 -30.29	106.66 5.85 -34.32	111.60 5.83 -39.54	122.20 6.44 -44.16	128.84 8.41 -36.32	151.67 9.91 -41.67	134.68 9.81 -29.58	126.59 8.95 -30.79	124.23 7.59 -39.94	108.11 6.15 -36.58	98.51 5.23 -35.77	99.58 4.43 -42.37
BALL_HILL_WT_PWR 323825	89.48 -9.50 0.00	80.65 -8.96 0.00	68.53 -7.44 0.00	62.37 -7.09 0.00	57.19 -6.64 0.00	60.53 -7.10 0.00	64.20 -8.42 0.00	67.20 -8.83 0.06	53.46 -8.74 15.14	50.42 -7.91 14.93	58.58 -6.88 0.06	55.72 -7.62 8.50	50.43 -7.68 8.70	48.65 -7.71 10.12	48.97 -7.55 9.71	63.80 -7.73 0.06	57.89 -9.76 16.47	69.83 -11.41 18.85	66.00 -10.95 18.33	60.76 -9.47 16.64	58.57 -8.21 9.93	57.78 -7.58 0.02	51.17 -6.33 0.00	47.61 -5.17 0.00
BARON_WINDS___WT_PWR 323822	93.63 -5.44 -0.09	84.56 -5.29 -0.23	71.76 -4.48 -0.28	65.58 -4.37 -0.50	60.31 -4.22 -0.69	63.30 -4.60 -0.28	68.43 -5.37 -1.18	71.52 -5.55 -0.98	-3.75 -5.72 75.37	-6.00 -5.20 74.06	61.03 -4.98 -0.49	23.05 -5.46 43.32	17.05 -5.41 44.36	9.45 -5.45 51.59	11.33 -5.43 49.47	65.77 -5.51 0.31	-6.00 -6.47 83.64	-6.00 -7.61 98.48	-6.00 -7.05 94.23	-3.59 -6.17 84.29	21.50 -5.14 50.07	60.60 -5.03 -0.25	53.19 -4.31 0.00	49.48 -3.54 -0.23
BARRETT_IC_1 23704	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_10 23701	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.66 3.91 -39.53	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	104.34 4.98 -22.65	106.08 4.12 -36.57	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_11 23702	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.66 3.91 -39.53	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	104.34 4.98 -22.65	106.08 4.12 -36.57	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_12 23703	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.66 3.91 -39.53	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	104.34 4.98 -22.65	106.08 4.12 -36.57	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_2 23705	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_3 23706	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_4 23707	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37

BARRETT_IC_5 23708	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_6 23709	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_7 23710	105.51 4.65 -1.88	99.21 4.03 -5.56	102.42 3.42 -23.03	96.40 3.06 -23.89	99.60 2.81 -32.95	102.34 2.98 -31.74	107.74 3.56 -31.55	119.73 3.96 -39.68	119.54 4.41 -37.78	114.01 4.10 -36.64	106.04 3.47 -37.04	100.85 3.95 -25.06	100.86 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.84 4.08 -44.16	125.81 5.38 -36.32	148.06 6.31 -41.67	131.15 6.29 -29.58	123.38 5.73 -30.79	117.48 4.99 -35.79	106.02 4.05 -36.58	96.90 3.62 -35.77	98.05 2.90 -42.37
BARRETT_IC_8 23711	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT_IC_9 23700	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.66 3.91 -39.53	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	104.34 4.98 -22.65	106.08 4.12 -36.57	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT___1 23545	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.68 3.91 -39.54	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	117.48 4.98 -35.79	106.09 4.12 -36.58	96.90 3.62 -35.77	98.10 2.95 -42.37
BARRETT___2 23546	105.61 4.75 -1.88	99.21 4.04 -5.56	102.42 3.42 -23.03	96.47 3.13 -23.89	99.59 2.81 -32.95	102.41 3.05 -31.74	107.74 3.56 -31.55	119.65 3.88 -39.68	119.38 4.25 -37.78	114.01 4.10 -36.64	106.03 3.47 -37.04	100.85 3.95 -25.06	100.85 3.74 -30.29	104.60 3.79 -34.32	109.66 3.91 -39.53	119.77 4.01 -44.16	125.81 5.39 -36.31	148.06 6.31 -41.67	131.14 6.29 -29.57	123.37 5.73 -30.78	104.34 4.98 -22.65	106.08 4.12 -36.57	96.90 3.62 -35.77	98.10 2.95 -42.37
BATAVIA__115KV_TB1 55881	90.96 -8.02 0.00	82.00 -7.62 0.00	69.74 -6.23 0.00	63.76 -5.70 0.00	58.41 -5.43 0.00	61.88 -5.75 0.00	65.80 -6.83 0.00	68.37 -7.69 0.03	61.83 -7.81 7.70	58.64 -7.03 7.59	59.59 -5.90 0.03	60.76 -6.75 4.33	55.64 -6.75 4.43	54.76 -6.58 5.15	54.67 -6.62 4.94	64.55 -7.02 0.03	66.90 -8.83 8.37	80.05 -10.11 9.93	76.10 -9.53 9.66	70.06 -8.34 8.46	64.36 -7.29 5.05	58.83 -6.54 0.01	52.04 -5.46 0.00	48.72 -4.06 0.00
BAYONEEC___CTG1 323682	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG10 323750	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG2 323683	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG3 323684	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG4 323685	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG5 323686	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG6 323687	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82

BAYONEEC___CTG7 323688	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG8 323689	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BAYONEEC___CTG9 323749	91.54 3.66 11.10	83.46 2.95 9.11	70.24 2.50 8.23	67.49 2.29 4.25	67.49 2.04 -1.61	70.81 2.23 -0.96	79.68 2.83 -4.22	84.18 3.43 -4.66	87.68 3.87 -6.47	71.93 3.59 4.93	64.51 3.02 4.03	67.94 3.45 7.35	64.51 3.34 5.65	67.51 3.39 2.37	67.94 3.44 1.73	67.96 3.65 7.29	73.37 5.05 15.79	69.40 5.90 36.59	69.84 5.91 31.35	75.85 5.39 16.40	67.31 4.60 14.00	67.51 3.73 1.60	60.72 3.22 0.00	56.09 2.48 -0.82
BEACON___LESR 323632	105.49 4.65 -1.86	98.44 4.21 -4.61	84.94 3.50 -5.48	82.52 3.20 -9.87	80.42 2.94 -13.65	76.24 3.11 -5.50	99.26 3.27 -23.36	105.38 3.50 -25.79	116.79 3.64 -35.81	116.65 3.44 -39.94	84.64 3.14 -15.97	75.47 3.59 -0.04	70.13 3.27 -0.04	69.81 3.32 0.00	69.60 3.38 0.00	75.03 3.44 0.00	93.81 3.95 -5.74	118.49 4.40 -14.00	143.51 4.19 -44.04	100.98 4.00 -10.12	90.93 3.61 -10.62	74.12 3.14 -5.60	60.36 2.82 -0.04	59.99 2.64 -4.57
BEAVER RIVER___HYD 24048	102.35 3.37 0.00	92.57 2.95 0.00	78.47 2.50 0.00	71.74 2.29 0.00	65.94 2.10 0.00	69.72 2.10 0.00	74.59 1.96 0.00	78.06 1.98 0.00	79.20 1.85 0.00	74.65 1.39 0.00	66.70 1.18 0.00	73.06 1.22 0.00	68.02 1.20 0.00	67.49 1.00 0.00	67.16 0.93 0.00	72.53 0.93 0.00	85.29 1.18 0.00	101.89 1.80 0.00	96.80 1.52 0.00	87.91 1.05 0.00	77.63 0.92 0.00	66.17 0.79 0.00	58.13 0.63 0.00	53.42 0.64 0.00
BEEBEE_GT_13 23619	92.94 -6.04 0.00	83.88 -5.74 0.00	71.33 -4.63 0.00	65.22 -4.24 0.00	59.81 -4.02 0.00	63.36 -4.26 0.00	67.62 -5.01 0.00	70.31 -5.78 0.00	71.00 -6.34 0.00	67.55 -5.71 0.00	61.13 -4.39 0.00	66.45 -5.39 0.00	61.54 -5.28 0.00	61.30 -5.19 0.00	61.00 -5.23 0.00	66.30 -5.30 0.00	77.13 -6.98 0.00	91.95 -8.11 0.03	87.63 -7.62 0.03	80.17 -6.69 0.00	70.87 -5.83 0.00	60.73 -4.64 0.01	53.59 -3.91 0.00	49.77 -3.01 0.00
BENSHRST_27_KV_BENSHRST_1 355998	103.37 4.06 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.53 2.29 -1.78	68.35 2.04 -2.47	70.85 2.23 -1.00	79.76 2.91 -4.23	84.63 3.88 -4.66	88.15 4.33 -6.48	84.52 4.03 -7.23	71.82 3.41 -2.89	75.72 3.88 -0.01	70.57 3.74 -0.01	70.35 3.86 0.00	70.14 3.91 0.00	75.61 4.01 0.00	96.33 5.89 -6.33	109.63 7.01 -2.53	110.30 7.05 -7.97	100.40 6.43 -7.12	86.86 5.68 -4.48	70.58 4.18 -1.01	61.19 3.68 -0.01	56.41 2.80 -0.83
BETHLEHEM___GRP 23843	103.66 2.87 -1.81	96.71 2.60 -4.50	83.51 2.20 -5.34	81.02 1.94 -9.62	78.93 1.79 -13.31	74.81 1.83 -5.36	97.36 1.96 -22.77	103.27 2.05 -25.13	114.33 2.09 -34.90	114.09 1.90 -38.92	82.99 1.90 -15.57	74.18 2.30 -0.04	69.00 2.14 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.53 1.93 0.00	91.89 2.19 -5.60	115.94 2.20 -13.65	140.30 2.10 -42.92	98.90 2.17 -9.87	89.05 1.99 -10.35	72.74 1.90 -5.46	59.26 1.72 -0.04	58.98 1.74 -4.45
BETHLEHEM___GS1 323560	103.56 2.77 -1.81	96.71 2.60 -4.50	83.51 2.20 -5.34	81.01 1.94 -9.62	78.92 1.78 -13.31	74.88 1.89 -5.36	97.36 1.96 -22.77	103.27 2.06 -25.13	114.33 2.09 -34.90	114.09 1.90 -38.92	82.99 1.90 -15.57	74.17 2.30 -0.04	69.00 2.14 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.53 1.93 0.00	91.89 2.18 -5.60	115.93 2.20 -13.65	140.30 2.09 -42.92	98.90 2.17 -9.87	89.05 1.99 -10.35	72.74 1.90 -5.46	59.26 1.72 -0.04	58.98 1.74 -4.45
BETHLEHEM___GS2 323561	103.56 2.77 -1.81	96.71 2.60 -4.50	83.51 2.20 -5.34	81.01 1.94 -9.62	78.92 1.78 -13.31	74.88 1.89 -5.36	97.36 1.96 -22.77	103.27 2.06 -25.13	114.33 2.09 -34.90	114.09 1.90 -38.92	82.99 1.90 -15.57	74.17 2.30 -0.04	69.00 2.14 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.53 1.93 0.00	91.89 2.18 -5.60	115.93 2.20 -13.65	140.30 2.09 -42.92	98.90 2.17 -9.87	89.05 1.99 -10.35	72.74 1.90 -5.46	59.26 1.72 -0.04	58.98 1.74 -4.45
BETHLEHEM___GS3 323562	103.56 2.77 -1.81	96.71 2.60 -4.50	83.51 2.20 -5.34	81.01 1.94 -9.62	78.92 1.78 -13.31	74.88 1.89 -5.36	97.36 1.96 -22.77	103.27 2.06 -25.13	114.33 2.09 -34.90	114.09 1.90 -38.92	82.99 1.90 -15.57	74.17 2.30 -0.04	69.00 2.14 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.53 1.93 0.00	91.89 2.18 -5.60	115.93 2.20 -13.65	140.30 2.09 -42.92	98.90 2.17 -9.87	89.05 1.99 -10.35	72.74 1.90 -5.46	59.26 1.72 -0.04	58.98 1.74 -4.45
BETHLEHEM___STEEL 23779	89.28 -9.70 0.00	80.47 -9.14 0.00	68.52 -7.44 0.00	62.51 -6.95 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.28 -8.35 0.00	67.21 -8.83 0.06	54.52 -8.74 14.08	51.47 -7.91 13.88	58.58 -6.88 0.06	56.32 -7.61 7.91	51.11 -7.62 8.10	49.49 -7.58 9.41	49.65 -7.55 9.03	63.88 -7.66 0.06	58.96 -9.84 15.31	70.98 -11.51 17.60	67.12 -11.05 17.11	61.83 -9.55 15.47	59.19 -8.28 9.23	57.52 -7.85 0.02	50.83 -6.67 0.00	47.71 -5.07 0.00
BETHLHEM_115KV_TB1 79974	103.56 2.87 -1.71	96.38 2.51 -4.25	83.15 2.13 -5.05	80.49 1.94 -9.09	78.14 1.72 -12.58	74.52 1.83 -5.07	96.05 1.89 -21.54	101.91 2.05 -23.77	112.44 2.09 -33.00	111.98 1.90 -36.81	82.14 1.90 -14.72	74.17 2.30 -0.04	68.93 2.07 -0.04	68.62 2.13 0.00	68.35 2.12 0.00	73.60 2.00 0.00	91.76 2.36 -5.29	115.30 2.30 -12.91	138.16 2.29 -40.59	98.45 2.26 -9.33	88.64 2.15 -9.79	72.44 1.90 -5.16	59.26 1.72 -0.04	58.68 1.69 -4.21
BETHPAGE_CC_5 323564	106.30 5.44 -1.88	99.92 4.75 -5.56	102.95 3.95 -23.03	96.96 3.61 -23.89	100.04 3.25 -32.95	102.88 3.51 -31.74	108.24 4.06 -31.55	120.57 4.80 -39.69	120.31 5.18 -37.78	114.74 4.83 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.33 4.57 -39.54	120.70 4.94 -44.16	126.91 6.48 -36.32	149.47 7.71 -41.67	132.49 7.63 -29.58	124.60 6.95 -30.79	122.49 5.99 -39.80	106.81 4.84 -36.58	97.42 4.14 -35.77	98.58 3.43 -42.37
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	89.48 -9.50 0.00	80.65 -8.96 0.00	68.67 -7.29 0.00	62.58 -6.88 0.00	57.32 -6.51 0.00	60.66 -6.97 0.00	64.42 -8.21 0.00	67.59 -8.45 0.05	55.88 -8.20 13.26	52.72 -7.47 13.07	58.91 -6.55 0.05	57.21 -7.18 7.45	51.98 -7.22 7.62	50.51 -7.11 8.87	50.64 -7.09 8.50	64.31 -7.23 0.05	60.44 -9.25 14.42	72.71 -10.81 16.57	68.79 -10.39 16.11	63.34 -8.95 14.57	60.26 -7.75 8.70	57.72 -7.65 0.02	50.94 -6.56 0.00	47.82 -4.96 0.00

BINGHAMTON___COGEN 23790	97.84 -1.29 -0.15	88.64 -1.34 -0.37	75.27 -1.14 -0.44	69.07 -1.18 -0.80	63.86 -1.09 -1.11	66.92 -1.15 -0.45	73.22 -1.31 -1.89	77.11 -1.07 -2.09	79.24 -1.01 -2.90	75.70 -0.81 -3.24	65.96 -0.85 -1.30	70.91 -0.93 0.00	65.89 -0.94 0.00	65.49 -1.00 0.00	65.23 -0.99 0.00	70.74 -0.86 0.00	83.65 -0.93 -0.47	100.38 -0.90 -1.19	98.05 -0.86 -3.63	86.99 -0.69 -0.82	76.95 -0.61 -0.86	64.85 -0.98 -0.45	56.58 -0.92 0.00	52.41 -0.74 -0.37
BIXINCNT_115KV_LOAD 355685	90.37 -8.61 0.00	81.01 -8.60 0.00	68.52 -7.44 0.00	62.30 -7.15 0.00	56.94 -6.89 0.00	60.12 -7.51 0.00	63.84 -8.79 0.00	67.61 -8.45 0.04	60.15 -8.28 8.92	56.71 -7.77 8.79	58.15 -7.34 0.04	59.43 -7.40 5.01	54.41 -7.28 5.13	53.01 -7.51 5.96	52.90 -7.62 5.72	63.76 -7.80 0.04	64.83 -9.59 9.70	78.03 -11.01 11.05	74.34 -10.20 10.74	68.29 -8.77 9.80	63.26 -7.59 5.85	57.13 -8.24 0.02	50.48 -7.02 0.00	47.19 -5.59 0.00
BLACK RIVER___HYD 24047	103.04 4.06 0.00	93.11 3.49 0.00	78.85 2.89 0.00	72.03 2.57 0.00	66.26 2.43 0.00	70.06 2.43 0.00	75.02 2.39 0.00	78.75 2.66 0.00	79.89 2.55 0.00	75.46 2.20 0.00	67.35 1.83 0.00	73.70 1.86 0.00	68.69 1.87 0.00	68.02 1.53 0.00	67.68 1.46 0.00	73.39 1.79 0.00	86.46 2.35 0.00	103.59 3.50 0.00	98.33 3.05 0.00	89.21 2.35 0.00	78.62 1.92 0.00	67.02 1.64 0.00	58.76 1.26 0.00	53.89 1.11 0.00
BLACKRVR_115KV_TB2 79977	103.04 4.06 0.00	93.11 3.49 0.00	78.85 2.89 0.00	72.02 2.57 0.00	66.26 2.43 0.00	70.06 2.43 0.00	75.10 2.47 0.00	78.75 2.66 0.00	79.90 2.55 0.00	75.46 2.20 0.00	67.35 1.83 0.00	73.70 1.87 0.00	68.69 1.87 0.00	68.02 1.53 0.00	67.69 1.46 0.00	73.39 1.79 0.00	86.47 2.36 0.00	103.59 3.50 0.00	98.33 3.05 0.00	89.21 2.35 0.00	78.62 1.92 0.00	67.02 1.63 0.00	58.76 1.26 0.00	53.94 1.16 0.00
BLISS_WT_PWR 323608	90.17 -8.81 0.00	80.65 -8.96 0.00	68.22 -7.75 0.00	61.89 -7.57 0.00	56.56 -7.28 0.00	59.64 -7.98 0.00	63.33 -9.30 0.00	66.84 -9.21 0.04	59.61 -8.82 8.92	56.12 -8.35 8.79	57.62 -7.86 0.04	58.93 -7.90 5.01	53.94 -7.75 5.13	52.48 -8.05 5.96	52.30 -8.21 5.72	63.18 -8.38 0.04	64.15 -10.26 9.70	77.23 -11.81 11.05	73.68 -10.86 10.74	67.68 -9.38 9.80	62.80 -8.05 5.85	56.67 -8.70 0.02	50.25 -7.25 0.00	46.66 -6.12 0.00
BLUESTONE___WT_PWR 323821	105.40 6.14 -0.28	95.78 5.47 -0.70	81.35 4.56 -0.83	74.83 3.89 -1.49	69.41 3.51 -2.06	72.11 3.65 -0.83	79.72 3.56 -3.53	83.94 3.95 -3.90	86.78 4.02 -5.42	82.89 3.59 -6.04	70.82 2.88 -2.42	74.86 3.02 -0.01	69.57 2.74 -0.01	68.75 2.26 0.00	68.48 2.25 0.00	74.46 2.87 0.00	88.59 3.61 -0.87	107.05 4.80 -2.16	106.46 4.48 -6.70	92.21 3.82 -1.53	81.53 3.22 -1.61	68.66 2.42 -0.86	59.46 1.96 -0.01	55.27 1.80 -0.69
BLUE_CIRC_CHEM_DRP 24182	106.67 6.24 -1.45	98.86 5.65 -3.60	85.11 4.86 -4.28	81.60 4.45 -7.70	78.52 4.02 -10.66	76.18 4.26 -4.30	95.16 4.29 -18.24	100.64 4.41 -20.13	109.56 4.25 -27.96	108.26 3.81 -31.19	81.34 3.34 -12.47	75.53 3.66 -0.03	70.26 3.41 -0.03	70.15 3.66 0.00	70.07 3.84 0.00	75.82 4.22 0.00	93.30 4.71 -4.48	116.53 5.50 -10.93	134.91 5.24 -34.39	99.72 4.95 -7.91	89.45 4.45 -8.29	73.55 3.79 -4.37	61.10 3.56 -0.03	59.68 3.33 -3.57
BOC_GAS_DRP 24189	102.52 2.38 -1.17	94.57 2.06 -2.90	81.23 1.82 -3.44	77.25 1.60 -6.20	73.88 1.47 -8.57	72.63 1.56 -3.45	88.97 1.67 -14.67	94.18 1.90 -16.19	101.84 2.01 -22.48	100.17 1.83 -25.08	77.25 1.70 -10.03	73.80 1.94 -0.03	68.72 1.87 -0.03	68.35 1.86 0.00	68.15 1.92 0.00	73.53 1.93 0.00	90.16 2.44 -3.61	111.58 2.70 -8.79	125.51 2.57 -27.65	95.74 2.52 -6.36	85.60 2.22 -6.67	70.80 1.90 -3.51	59.19 1.67 -0.03	57.08 1.43 -2.87
BOONVILLE_115KV_TB1 79983	102.44 3.46 0.00	92.66 3.05 0.00	78.55 2.58 0.00	71.75 2.29 0.00	65.94 2.11 0.00	69.86 2.23 0.00	74.88 2.25 0.00	78.45 2.36 0.00	79.74 2.40 0.00	75.24 1.98 0.00	67.22 1.70 0.00	73.63 1.80 0.00	68.62 1.80 0.00	68.08 1.60 0.00	67.75 1.52 0.00	73.32 1.72 0.00	86.21 2.10 0.00	102.89 2.80 0.00	97.76 2.48 0.00	88.94 2.08 0.00	78.47 1.76 0.00	66.82 1.44 0.00	58.59 1.09 0.00	53.78 1.00 0.00
BORALEX_4TH_BRANCH 23824	107.23 5.74 -2.51	100.95 5.11 -6.22	87.69 4.33 -7.39	86.65 3.89 -13.31	85.82 3.57 -18.42	78.83 3.79 -7.42	108.36 4.21 -31.51	115.59 4.72 -34.78	130.59 4.95 -48.30	131.82 4.69 -53.87	91.19 4.13 -21.55	76.56 4.67 -0.05	71.22 4.34 -0.05	70.81 4.32 0.00	70.53 4.30 0.00	76.32 4.73 0.00	97.74 5.89 -7.74	125.98 7.01 -18.89	161.54 6.86 -59.40	106.86 6.34 -13.66	96.55 5.52 -14.33	77.45 4.51 -7.55	61.46 3.91 -0.05	62.27 3.33 -6.16
BOWLINE___1 23526	102.18 2.87 -0.33	92.84 2.42 -0.81	78.90 1.97 -0.96	72.98 1.80 -1.73	67.88 1.66 -2.39	70.41 1.83 -0.96	78.97 2.25 -4.09	83.33 2.74 -4.51	86.70 3.10 -6.26	83.10 2.85 -6.99	70.74 2.43 -2.79	74.64 2.80 -0.01	69.50 2.68 -0.01	69.15 2.66 0.00	68.94 2.72 0.00	74.60 3.01 0.00	89.24 4.12 -1.00	107.34 4.80 -2.45	107.75 4.76 -7.70	92.97 4.34 -1.77	82.39 3.83 -1.86	69.37 3.01 -0.98	60.10 2.59 -0.01	55.54 1.95 -0.80
BOWLINE___2 23595	102.38 3.07 -0.33	93.02 2.60 -0.81	79.05 2.12 -0.96	73.12 1.94 -1.73	67.95 1.72 -2.39	70.48 1.89 -0.96	79.04 2.32 -4.09	83.42 2.82 -4.51	86.85 3.25 -6.26	83.18 2.93 -6.99	70.80 2.49 -2.79	74.72 2.88 -0.01	69.57 2.74 -0.01	69.28 2.79 0.00	69.07 2.85 0.00	74.67 3.08 0.00	89.32 4.20 -1.00	107.44 4.90 -2.45	107.94 4.95 -7.70	93.14 4.51 -1.77	82.47 3.91 -1.86	69.50 3.14 -0.98	60.15 2.65 -0.01	55.64 2.06 -0.80
BRADY___115KV_TB2 356060	102.15 3.17 0.00	92.93 3.32 0.00	78.70 2.73 0.00	72.37 2.92 0.00	66.45 2.62 0.00	70.19 2.57 0.00	75.24 2.61 0.00	78.30 2.21 0.00	79.43 2.09 0.00	75.17 1.90 0.00	67.16 1.64 0.00	73.63 1.80 0.00	68.49 1.67 0.00	68.22 1.73 0.00	67.82 1.59 0.00	73.03 1.43 0.00	85.37 1.26 0.00	101.49 1.40 0.00	96.33 1.05 0.00	87.73 0.87 0.00	77.62 0.92 0.00	66.37 0.98 0.00	58.59 1.09 0.00	54.00 1.21 0.00
BRANSCOMB___SOLAR 323811	108.81 6.43 -3.40	103.80 5.74 -8.44	90.86 4.87 -10.02	91.96 4.45 -18.05	92.90 4.09 -24.98	82.08 4.39 -10.06	120.17 4.79 -42.75	128.44 5.18 -47.18	148.27 5.41 -65.51	151.46 5.13 -73.07	99.20 4.46 -29.23	76.72 4.81 -0.07	71.37 4.48 -0.07	70.88 4.39 0.00	70.67 4.44 0.00	76.68 5.08 0.00	100.75 6.14 -10.50	133.11 7.41 -25.62	183.00 7.15 -80.57	111.90 6.52 -18.52	101.81 5.68 -19.43	80.27 4.64 -10.24	61.66 4.08 -0.07	64.68 3.54 -8.36
BRENTWOD_69_KV_W. BRTWOOD 56703	107.79 6.93 -1.88	101.27 6.09 -5.56	104.24 5.24 -23.03	98.00 4.65 -23.89	101.13 4.34 -32.95	104.03 4.67 -31.74	109.48 5.30 -31.55	122.01 6.24 -39.68	121.62 6.50 -37.78	115.92 6.01 -36.64	107.81 5.24 -37.04	102.79 5.89 -25.06	102.66 5.55 -30.29	106.33 5.52 -34.32	111.33 5.56 -39.54	121.85 6.09 -44.16	128.33 7.91 -36.32	150.97 9.21 -41.67	134.10 9.24 -29.58	126.16 8.51 -30.79	123.97 7.21 -40.05	107.79 5.82 -36.58	98.28 5.00 -35.77	99.37 4.22 -42.37

BRISTLHL_115KV_TB1 79998	96.01 -2.97 0.00	86.75 -2.87 0.00	73.54 -2.43 0.00	67.16 -2.29 0.00	61.73 -2.11 0.00	65.39 -2.23 0.00	70.23 -2.40 0.00	73.58 -2.51 0.00	74.79 -2.55 0.00	70.99 -2.27 0.00	63.55 -1.97 0.00	69.54 -2.30 0.00	64.68 -2.14 0.00	64.29 -2.19 0.00	64.04 -2.19 0.00	69.38 -2.22 0.00	81.50 -2.61 0.00	97.09 -3.00 0.00	92.52 -2.76 0.00	84.34 -2.52 0.00	74.48 -2.22 0.00	63.55 -1.83 0.00	55.83 -1.67 0.00	51.25 -1.53 0.00
BROOKHAVEN___DRP 24191	107.49 6.63 -1.88	101.00 5.82 -5.56	104.09 5.09 -23.03	97.93 4.58 -23.89	101.00 4.21 -32.95	104.03 4.67 -31.74	109.19 5.01 -31.55	121.94 6.16 -39.68	121.55 6.42 -37.78	115.77 5.86 -36.64	107.54 4.98 -37.04	102.50 5.60 -25.06	102.39 5.28 -30.29	106.13 5.32 -34.32	110.93 5.17 -39.54	121.56 5.80 -44.16	128.08 7.65 -36.32	150.87 9.11 -41.67	133.72 8.86 -29.58	125.73 8.08 -30.79	123.53 6.75 -40.07	107.39 5.43 -36.58	97.99 4.72 -35.77	99.27 4.12 -42.37
BROOKLYN_NAVY_YARD 23515	102.98 3.66 -0.34	93.40 2.95 -0.83	79.39 2.43 -0.99	73.46 2.22 -1.78	68.35 2.04 -2.47	70.85 2.23 -0.99	79.68 2.83 -4.23	84.26 3.50 -4.66	87.53 3.71 -6.48	84.15 3.66 -7.22	71.49 3.08 -2.89	75.36 3.52 -0.01	70.23 3.41 -0.01	69.94 3.46 0.00	69.74 3.51 0.00	75.32 3.72 0.00	90.37 5.22 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.26 5.56 -1.83	83.54 4.52 -2.31	70.19 3.79 -1.01	60.73 3.22 -0.01	56.14 2.53 -0.83
BROOKLYN___ARMY_DRP 323595	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
BROOKVLE_69_KV_TB1 55790	106.80 5.94 -1.88	100.29 5.11 -5.56	103.41 4.41 -23.03	97.24 3.89 -23.89	100.36 3.57 -32.95	103.16 3.79 -31.74	108.61 4.43 -31.55	120.95 5.17 -39.68	120.70 5.57 -37.78	115.11 5.20 -36.64	107.09 4.52 -37.04	102.00 5.10 -25.06	101.92 4.81 -30.29	105.66 4.85 -34.32	110.67 4.90 -39.54	121.06 5.30 -44.16	127.32 6.90 -36.32	149.97 8.21 -41.67	132.96 8.10 -29.58	124.94 7.30 -30.79	122.86 6.37 -39.79	107.07 5.10 -36.58	97.64 4.37 -35.77	98.74 3.59 -42.37
BROOME_2_LFGE 323671	97.84 -1.29 -0.15	88.65 -1.34 -0.37	75.27 -1.14 -0.44	69.07 -1.18 -0.80	63.86 -1.09 -1.11	66.92 -1.15 -0.45	73.22 -1.31 -1.89	77.04 -1.14 -2.09	79.24 -1.01 -2.90	75.70 -0.80 -3.24	65.96 -0.85 -1.30	70.90 -0.94 0.00	65.89 -0.94 0.00	65.49 -1.00 0.00	65.24 -0.99 0.00	70.74 -0.86 0.00	83.65 -0.92 -0.47	100.38 -0.90 -1.19	98.05 -0.86 -3.63	86.98 -0.70 -0.82	76.95 -0.62 -0.86	64.92 -0.92 -0.45	56.64 -0.86 0.00	52.36 -0.79 -0.37
BROOME___LFGE 323600	97.84 -1.29 -0.15	88.65 -1.34 -0.37	75.27 -1.14 -0.44	69.07 -1.18 -0.80	63.86 -1.09 -1.11	66.92 -1.15 -0.45	73.22 -1.31 -1.89	77.04 -1.14 -2.09	79.24 -1.01 -2.90	75.70 -0.80 -3.24	65.96 -0.85 -1.30	70.90 -0.94 0.00	65.89 -0.94 0.00	65.49 -1.00 0.00	65.24 -0.99 0.00	70.74 -0.86 0.00	83.65 -0.92 -0.47	100.38 -0.90 -1.19	98.05 -0.86 -3.63	86.98 -0.70 -0.82	76.95 -0.62 -0.86	64.92 -0.92 -0.45	56.64 -0.86 0.00	52.36 -0.79 -0.37
BROWNFLS_115KV_TB_3_5 80003	101.65 2.67 0.00	92.21 2.60 0.00	78.09 2.13 0.00	71.61 2.15 0.00	65.75 1.92 0.00	69.32 1.69 0.00	74.23 1.60 0.00	77.38 1.29 0.00	78.50 1.16 0.00	74.36 1.10 0.00	66.44 0.92 0.00	72.84 1.01 0.00	67.82 1.00 0.00	67.35 0.86 0.00	67.02 0.79 0.00	72.10 0.50 0.00	84.36 0.25 0.00	100.59 0.50 0.00	95.47 0.19 0.00	86.86 0.00 0.00	76.70 0.00 0.00	65.65 0.26 0.00	57.90 0.40 0.00	53.36 0.58 0.00
BROWNSV1_27_KV_LOAD 356125	103.77 4.45 -0.34	94.12 3.67 -0.83	80.15 3.19 -0.99	74.02 2.78 -1.78	68.86 2.55 -2.47	71.39 2.77 -0.99	80.27 3.41 -4.23	84.94 4.18 -4.66	88.46 4.64 -6.48	84.81 4.32 -7.22	72.01 3.60 -2.89	76.01 4.17 -0.01	70.77 3.94 -0.01	70.54 4.06 0.00	70.33 4.11 0.00	75.89 4.30 0.00	91.04 5.89 -1.04	109.53 6.91 -2.53	110.21 6.96 -7.97	95.03 6.34 -1.83	84.07 5.45 -1.92	70.71 4.32 -1.01	61.24 3.74 -0.01	56.51 2.90 -0.83
BURROWS___LYONSDAL 23803	102.44 3.46 0.00	92.66 3.05 0.00	78.55 2.58 0.00	71.75 2.29 0.00	66.00 2.17 0.00	69.86 2.23 0.00	74.81 2.18 0.00	78.37 2.28 0.00	79.59 2.24 0.00	75.02 1.76 0.00	67.03 1.51 0.00	73.42 1.58 0.00	68.42 1.60 0.00	67.88 1.40 0.00	67.55 1.32 0.00	73.10 1.50 0.00	85.96 1.85 0.00	102.59 2.50 0.00	97.48 2.19 0.00	88.60 1.74 0.00	78.16 1.46 0.00	66.63 1.24 0.00	58.42 0.92 0.00	53.68 0.90 0.00
CAITHNESS_CC_1 323624	107.29 6.43 -1.88	100.83 5.65 -5.56	103.79 4.79 -23.03	97.72 4.38 -23.89	100.88 4.09 -32.95	103.83 4.46 -31.74	109.04 4.87 -31.55	121.64 5.86 -39.69	121.32 6.19 -37.78	115.55 5.64 -36.64	107.34 4.78 -37.04	102.29 5.39 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.74 4.97 -39.54	121.35 5.59 -44.16	127.74 7.31 -36.32	150.46 8.70 -41.67	133.44 8.58 -29.58	125.47 7.82 -30.79	123.29 6.52 -40.07	107.26 5.29 -36.58	97.88 4.60 -35.77	99.16 4.01 -42.37
CALPINE BETH_PAGE_GT4 24209	106.30 5.44 -1.88	99.84 4.66 -5.56	103.03 4.03 -23.03	96.89 3.54 -23.89	100.04 3.26 -32.95	102.88 3.52 -31.74	108.24 4.07 -31.55	120.64 4.87 -39.68	120.31 5.18 -37.78	114.74 4.84 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.99 6.56 -36.32	149.47 7.71 -41.67	132.48 7.62 -29.58	124.60 6.95 -30.79	122.39 5.98 -39.70	106.81 4.84 -36.58	97.41 4.14 -35.77	98.53 3.38 -42.37
CALPINE_BETH_PAGE_GT_4 323586	106.40 5.54 -1.88	99.92 4.75 -5.56	102.95 3.95 -23.03	96.96 3.61 -23.89	100.11 3.32 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.57 4.80 -39.69	120.39 5.26 -37.78	114.74 4.83 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.33 4.57 -39.54	120.70 4.94 -44.16	126.99 6.56 -36.32	149.47 7.71 -41.67	132.49 7.63 -29.58	124.60 6.95 -30.79	122.39 5.99 -39.70	106.81 4.84 -36.58	97.42 4.14 -35.77	98.58 3.43 -42.37
CALPINE_BP_GT1 23823	106.40 5.54 -1.88	99.92 4.75 -5.56	102.95 3.95 -23.03	96.96 3.61 -23.89	100.11 3.32 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.57 4.80 -39.69	120.39 5.26 -37.78	114.74 4.83 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.33 4.57 -39.54	120.70 4.94 -44.16	126.99 6.56 -36.32	149.47 7.71 -41.67	132.49 7.63 -29.58	124.60 6.95 -30.79	122.39 5.99 -39.70	106.81 4.84 -36.58	97.42 4.14 -35.77	98.58 3.43 -42.37
CALSPAN___DRP 24200	89.28 -9.70 0.00	80.47 -9.14 0.00	68.52 -7.44 0.00	62.51 -6.95 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.28 -8.35 0.00	67.21 -8.83 0.06	54.52 -8.74 14.08	51.47 -7.91 13.88	58.58 -6.88 0.06	56.32 -7.61 7.91	51.11 -7.62 8.10	49.49 -7.58 9.41	49.65 -7.55 9.03	63.88 -7.66 0.06	58.96 -9.84 15.31	70.98 -11.51 17.60	67.12 -11.05 17.11	61.83 -9.55 15.47	59.19 -8.28 9.23	57.52 -7.85 0.02	50.83 -6.67 0.00	47.71 -5.07 0.00

CALVERTON___SOLAR 323806	107.89 7.03 -1.88	101.36 6.18 -5.56	104.32 5.32 -23.03	98.21 4.86 -23.89	101.32 4.53 -32.95	104.30 4.93 -31.74	109.48 5.30 -31.55	122.17 6.39 -39.69	121.94 6.81 -37.78	116.06 6.15 -36.64	107.81 5.24 -37.04	102.71 5.82 -25.06	102.59 5.48 -30.29	106.33 5.52 -34.32	111.13 5.36 -39.54	121.84 6.08 -44.16	128.33 7.90 -36.32	151.27 9.51 -41.67	134.10 9.24 -29.58	125.91 8.26 -30.79	123.76 6.98 -40.07	107.59 5.62 -36.58	98.10 4.83 -35.77	99.42 4.27 -42.37
CANDIGU_WT_PWR 323617	93.63 -5.44 -0.09	84.56 -5.29 -0.23	71.76 -4.48 -0.28	65.58 -4.37 -0.50	60.31 -4.22 -0.69	63.30 -4.60 -0.28	68.43 -5.37 -1.18	71.52 -5.55 -0.98	-3.75 -5.72 75.37	-6.00 -5.20 74.06	61.03 -4.98 -0.49	23.05 -5.46 43.32	17.05 -5.41 44.36	9.45 -5.45 51.59	11.33 -5.43 49.47	65.77 -5.51 0.31	-6.00 -6.47 83.64	-6.00 -7.61 98.48	-6.00 -7.05 94.23	-3.59 -6.17 84.29	21.50 -5.14 50.07	60.60 -5.03 -0.25	53.19 -4.31 0.00	49.48 -3.54 -0.23
CARR STREET_E_SYR 24060	96.21 -2.77 0.00	86.93 -2.69 0.00	73.69 -2.28 0.00	67.30 -2.15 0.00	61.85 -1.98 0.00	65.53 -2.10 0.00	70.38 -2.25 0.00	73.81 -2.28 0.00	74.95 -2.40 0.00	71.14 -2.13 0.00	63.69 -1.83 0.00	69.75 -2.09 0.00	64.82 -2.00 0.00	64.43 -2.06 0.00	64.17 -2.05 0.00	69.59 -2.00 0.00	81.67 -2.44 0.00	97.29 -2.80 0.00	92.72 -2.57 0.00	84.52 -2.34 0.00	74.64 -2.07 0.00	63.62 -1.76 0.00	55.89 -1.61 0.00	51.30 -1.48 0.00
CARTHAGE___PAPER 23857	102.64 3.66 0.00	92.75 3.13 0.00	78.63 2.66 0.00	71.88 2.43 0.00	66.13 2.29 0.00	69.93 2.30 0.00	74.88 2.25 0.00	78.37 2.28 0.00	79.59 2.24 0.00	75.02 1.76 0.00	67.03 1.51 0.00	73.35 1.51 0.00	68.36 1.54 0.00	67.75 1.26 0.00	67.42 1.19 0.00	72.95 1.36 0.00	85.88 1.77 0.00	102.79 2.70 0.00	97.57 2.28 0.00	88.60 1.74 0.00	78.09 1.38 0.00	66.56 1.18 0.00	58.42 0.92 0.00	53.62 0.84 0.00
CASSADAGA_WT_PWR 323784	91.36 -7.62 0.00	82.18 -7.44 0.00	69.66 -6.30 0.00	63.27 -6.18 0.00	57.96 -5.87 0.00	61.27 -6.36 0.00	64.93 -7.70 0.00	68.28 -7.76 0.04	59.14 -7.50 10.70	55.98 -6.74 10.55	59.51 -5.96 0.04	59.29 -6.54 6.01	54.05 -6.62 6.15	52.02 -7.31 7.15	52.75 -6.62 6.86	64.97 -6.59 0.04	64.07 -8.41 11.63	77.23 -9.61 13.25	73.16 -9.24 12.88	67.20 -7.90 11.76	62.86 -6.83 7.02	58.63 -6.73 0.02	52.04 -5.46 0.00	48.35 -4.43 0.00
CE_DUNWOOD___DRP 24194	103.08 3.76 -0.34	93.58 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.68 2.83 -4.22	84.25 3.50 -4.66	87.68 3.87 -6.47	84.07 3.59 -7.21	71.42 3.01 -2.88	75.36 3.52 -0.01	70.17 3.34 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.32 3.72 0.00	90.11 4.96 -1.04	108.42 5.81 -2.53	109.05 5.81 -7.95	93.99 5.30 -1.83	83.22 4.60 -1.92	70.06 3.66 -1.01	60.61 3.11 -0.01	56.04 2.43 -0.83
CE_MILLWOOD___DRP 24193	102.88 3.56 -0.33	93.49 3.05 -0.83	79.54 2.58 -0.99	73.52 2.29 -1.77	68.40 2.11 -2.46	70.91 2.30 -0.99	79.59 2.76 -4.20	84.15 3.42 -4.64	87.58 3.79 -6.44	83.89 3.44 -7.19	71.34 2.95 -2.87	75.22 3.38 -0.01	70.03 3.21 -0.01	69.75 3.26 0.00	69.54 3.31 0.00	75.18 3.58 0.00	89.94 4.79 -1.03	108.21 5.60 -2.52	108.83 5.62 -7.92	93.81 5.12 -1.82	83.06 4.45 -1.91	69.99 3.60 -1.01	60.55 3.05 -0.01	55.93 2.32 -0.82
CE_NYC2_DRP 24202	102.88 3.56 -0.34	93.32 2.87 -0.83	79.47 2.51 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.65 2.03 -1.00	79.47 2.61 -4.23	84.25 3.50 -4.66	87.69 3.87 -6.48	84.08 3.59 -7.23	71.42 3.01 -2.89	75.29 3.45 -0.01	70.10 3.27 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.18 3.58 0.00	90.36 5.21 -1.04	108.63 6.01 -2.53	109.35 6.10 -7.97	94.34 5.65 -1.83	83.61 4.99 -1.92	70.12 3.73 -1.01	60.73 3.22 -0.01	56.04 2.43 -0.83
CE_NYC_DRP 24195	103.08 3.76 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.76 2.91 -4.23	84.48 3.73 -4.66	87.92 4.10 -6.48	84.22 3.74 -7.22	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.39 3.79 0.00	90.36 5.21 -1.04	119.80 6.21 -13.50	120.67 6.19 -19.19	94.34 5.65 -1.83	85.64 4.83 -4.11	70.32 3.92 -1.01	60.84 3.33 -0.01	56.14 2.53 -0.83
CHAFFEE___LFGE 323603	89.38 -9.60 0.00	80.57 -9.05 0.00	68.53 -7.44 0.00	62.44 -7.01 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.35 -8.28 0.00	67.59 -8.45 0.05	57.67 -8.20 11.48	54.55 -7.40 11.31	58.99 -6.49 0.05	58.28 -7.11 6.44	53.07 -7.15 6.60	51.70 -7.11 7.67	51.79 -7.09 7.36	64.32 -7.23 0.05	62.47 -9.17 12.48	75.09 -10.71 14.29	71.09 -10.29 13.90	65.31 -8.94 12.61	61.43 -7.74 7.53	57.91 -7.46 0.02	51.29 -6.21 0.00	47.66 -5.12 0.00
CHATEAUG_35_KV_LOAD 355732	100.56 1.58 0.00	91.68 2.06 0.00	77.64 1.67 0.00	71.47 2.01 0.00	65.75 1.92 0.00	69.59 1.96 0.00	74.66 2.03 0.00	77.61 1.52 0.00	78.74 1.39 0.00	74.51 1.25 0.00	66.70 1.18 0.00	73.13 1.29 0.00	68.16 1.34 0.00	67.95 1.46 0.00	67.49 1.26 0.00	72.53 0.93 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.09 -0.19 0.00	86.60 -0.26 0.00	76.70 0.00 0.00	65.65 0.26 0.00	57.84 0.34 0.00	53.42 0.63 0.00
CHATEAUG_WT_PWR 323614	100.17 1.19 0.00	91.14 1.52 0.00	77.49 1.52 0.00	71.05 1.60 0.00	65.36 1.53 0.00	69.25 1.62 0.00	74.22 1.60 0.00	77.23 1.14 0.00	78.35 1.00 0.00	74.15 0.88 0.00	66.44 0.92 0.00	72.92 1.08 0.00	67.95 1.13 0.00	67.75 1.26 0.00	67.35 1.12 0.00	72.31 0.72 0.00	84.28 0.17 0.00	99.99 -0.10 0.00	94.72 -0.57 0.00	86.16 -0.70 0.00	76.25 -0.46 0.00	65.32 -0.07 0.00	57.56 0.06 0.00	53.31 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	100.56 1.58 0.00	91.68 2.06 0.00	77.64 1.67 0.00	71.47 2.01 0.00	65.75 1.92 0.00	69.59 1.96 0.00	74.66 2.03 0.00	77.61 1.52 0.00	78.74 1.39 0.00	74.51 1.25 0.00	66.70 1.18 0.00	73.13 1.29 0.00	68.16 1.34 0.00	67.95 1.46 0.00	67.49 1.26 0.00	72.53 0.93 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.09 -0.19 0.00	86.60 -0.26 0.00	76.70 0.00 0.00	65.65 0.26 0.00	57.84 0.34 0.00	53.42 0.63 0.00
CHAUTAUQUA___LFGE 323629	90.37 -8.61 0.00	81.37 -8.24 0.00	69.06 -6.91 0.00	62.79 -6.67 0.00	57.51 -6.32 0.00	60.80 -6.83 0.00	64.50 -8.13 0.00	67.59 -8.45 0.05	55.61 -8.51 13.22	52.54 -7.69 13.03	58.85 -6.62 0.05	56.94 -7.47 7.42	51.74 -7.48 7.60	50.01 -7.64 8.84	50.40 -7.35 8.48	64.10 -7.45 0.05	60.23 -9.50 14.38	72.64 -11.01 16.44	68.81 -10.48 15.99	63.21 -9.12 14.53	60.13 -7.90 8.67	58.11 -7.26 0.02	51.52 -5.98 0.00	47.93 -4.85 0.00
CHERRYST_13_KV_LD 356241	103.37 4.06 -0.34	93.76 3.32 -0.83	79.85 2.89 -0.99	73.74 2.50 -1.78	68.60 2.30 -2.47	71.12 2.50 -0.99	79.98 3.12 -4.23	84.63 3.88 -4.66	88.15 4.33 -6.48	84.44 3.96 -7.22	71.75 3.34 -2.89	75.72 3.88 -0.01	70.50 3.68 -0.01	70.28 3.79 0.00	70.07 3.84 0.00	75.61 4.01 0.00	90.62 5.47 -1.04	109.13 6.51 -2.53	109.73 6.48 -7.97	94.60 5.91 -1.83	83.69 5.06 -1.92	70.52 4.12 -1.01	61.01 3.51 -0.01	56.30 2.69 -0.83

CHESTROR_138KV_BK263 355645	102.16 2.87 -0.31	92.81 2.42 -0.77	78.94 2.05 -0.92	72.91 1.81 -1.65	67.78 1.66 -2.28	70.37 1.83 -0.92	78.72 2.18 -3.91	83.14 2.74 -4.31	86.35 3.02 -5.99	82.66 2.71 -6.68	70.49 2.29 -2.67	74.43 2.59 -0.01	69.30 2.47 -0.01	69.02 2.53 0.00	68.81 2.58 0.00	74.46 2.86 0.00	88.94 3.87 -0.96	106.93 4.50 -2.34	107.23 4.57 -7.37	92.72 4.17 -1.69	82.09 3.61 -1.78	69.13 2.81 -0.94	59.92 2.41 -0.01	55.39 1.85 -0.76
CH_MIDHUDSON___DRP 24192	103.49 4.16 -0.36	94.17 3.67 -0.88	80.13 3.11 -1.05	74.06 2.71 -1.89	68.94 2.49 -2.62	71.45 2.77 -1.05	80.30 3.20 -4.48	84.84 3.80 -4.94	88.31 4.10 -6.87	84.73 3.81 -7.66	71.79 3.21 -3.06	75.51 3.66 -0.01	70.30 3.47 -0.01	69.95 3.46 0.00	69.80 3.58 0.00	75.46 3.87 0.00	90.34 5.13 -1.10	108.78 6.01 -2.68	109.64 5.91 -8.44	94.27 5.47 -1.94	83.42 4.68 -2.04	70.25 3.79 -1.07	60.73 3.22 -0.01	56.19 2.53 -0.88
CH_MISC_IPPS 23765	103.98 4.65 -0.35	94.52 4.04 -0.87	80.42 3.42 -1.03	74.36 3.05 -1.85	69.20 2.81 -2.56	71.70 3.05 -1.03	80.57 3.56 -4.38	84.95 4.03 -4.83	88.54 4.48 -6.71	84.92 4.17 -7.49	72.05 3.54 -2.99	75.72 3.88 -0.01	70.57 3.74 -0.01	70.21 3.72 0.00	70.07 3.84 0.00	75.82 4.22 0.00	90.65 5.46 -1.08	109.21 6.50 -2.62	110.02 6.48 -8.26	94.67 5.91 -1.90	83.76 5.06 -1.99	70.49 4.06 -1.05	61.02 3.51 -0.01	56.43 2.80 -0.86
CH_RES_BVR_FALLS 23983	99.38 0.40 0.00	90.25 0.63 0.00	76.50 0.54 0.00	70.01 0.55 0.00	64.34 0.51 0.00	68.03 0.41 0.00	72.92 0.29 0.00	75.94 -0.15 0.00	76.96 -0.38 0.00	72.75 -0.51 0.00	64.99 -0.53 0.00	71.26 -0.58 0.00	66.28 -0.54 0.00	65.95 -0.53 0.00	65.63 -0.60 0.00	70.74 -0.86 0.00	82.85 -1.26 0.00	98.48 -1.61 0.00	93.57 -1.71 0.00	85.30 -1.56 0.00	75.32 -1.38 0.00	64.27 -1.11 0.00	56.64 -0.86 0.00	52.15 -0.63 0.00
CH_RES_NIAGARA 23895	86.41 -12.57 0.00	78.05 -11.56 0.00	66.55 -9.42 0.00	60.77 -8.68 0.00	55.73 -8.11 0.00	58.97 -8.66 0.00	62.39 -10.24 0.00	64.25 -11.79 0.04	55.04 -11.45 10.86	52.15 -10.40 10.71	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.74 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.57 -14.58 13.13	62.25 -12.68 11.93	58.54 -11.05 7.12	55.50 -9.87 0.02	49.22 -8.28 0.00	46.45 -6.33 0.00
CH_RES_SYRACUSE 23985	96.71 -2.27 0.00	87.20 -2.42 0.00	73.84 -2.13 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.73 -1.89 0.00	70.67 -1.96 0.00	74.04 -2.05 0.00	75.18 -2.17 0.00	71.43 -1.83 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.70 -1.79 0.00	64.44 -1.79 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.77 -2.09 0.00	74.86 -1.84 0.00	63.88 -1.50 0.00	56.12 -1.38 0.00	51.46 -1.32 0.00
CLINTON_WT_PWR 323605	100.17 1.19 0.00	91.14 1.52 0.00	77.49 1.52 0.00	71.05 1.60 0.00	65.36 1.53 0.00	69.25 1.62 0.00	74.22 1.60 0.00	77.23 1.14 0.00	78.35 1.00 0.00	74.15 0.88 0.00	66.44 0.92 0.00	72.92 1.08 0.00	67.95 1.13 0.00	67.75 1.26 0.00	67.35 1.12 0.00	72.31 0.72 0.00	84.28 0.17 0.00	99.99 -0.10 0.00	94.72 -0.57 0.00	86.16 -0.70 0.00	76.25 -0.46 0.00	65.32 -0.07 0.00	57.56 0.06 0.00	53.31 0.53 0.00
CLINTON___LFGE 323618	101.65 2.67 0.00	92.75 3.13 0.00	78.85 2.89 0.00	72.37 2.92 0.00	66.64 2.81 0.00	70.60 2.97 0.00	75.68 3.05 0.00	78.52 2.43 0.00	79.66 2.32 0.00	75.46 2.20 0.00	67.55 2.03 0.00	74.07 2.23 0.00	69.09 2.27 0.00	68.81 2.33 0.00	68.35 2.12 0.00	73.46 1.86 0.00	85.54 1.43 0.00	101.19 1.10 0.00	95.96 0.67 0.00	87.55 0.69 0.00	77.55 0.85 0.00	66.30 0.91 0.00	58.42 0.92 0.00	54.21 1.43 0.00
COBBLENY_34_KV_TB1 80064	89.48 -9.50 0.00	80.74 -8.87 0.00	68.67 -7.29 0.00	62.65 -6.81 0.00	57.45 -6.38 0.00	60.73 -6.90 0.00	64.49 -8.13 0.00	67.60 -8.45 0.05	57.67 -8.20 11.48	54.55 -7.40 11.31	58.99 -6.49 0.05	58.28 -7.11 6.44	53.07 -7.15 6.60	51.70 -7.11 7.67	51.79 -7.09 7.36	64.32 -7.23 0.05	62.46 -9.17 12.48	75.09 -10.71 14.29	71.09 -10.29 13.90	65.39 -8.86 12.61	61.43 -7.75 7.53	57.78 -7.58 0.02	51.06 -6.44 0.00	47.87 -4.91 0.00
COFFEEN___115KV_TB3 355620	103.73 4.75 0.00	93.74 4.12 0.00	79.39 3.42 0.00	72.51 3.06 0.00	66.71 2.87 0.00	70.53 2.91 0.00	75.61 2.98 0.00	79.28 3.20 0.00	80.52 3.17 0.00	75.97 2.71 0.00	67.81 2.29 0.00	74.14 2.30 0.00	69.09 2.27 0.00	68.48 1.99 0.00	68.15 1.92 0.00	73.89 2.29 0.00	87.14 3.03 0.00	104.49 4.40 0.00	99.10 3.81 0.00	89.90 3.04 0.00	79.23 2.53 0.00	67.48 2.09 0.00	59.11 1.61 0.00	54.26 1.48 0.00
COLDSPRG_115KV_BK1 355956	91.95 -7.03 0.00	82.89 -6.72 0.00	70.35 -5.62 0.00	64.04 -5.42 0.00	58.66 -5.17 0.00	62.01 -5.61 0.00	65.95 -6.68 0.00	69.97 -6.09 0.03	65.14 -5.49 6.71	61.81 -4.84 6.62	60.91 -4.59 0.03	63.40 -4.67 3.77	58.08 -4.88 3.86	56.81 -5.19 4.49	57.02 -4.90 4.30	66.70 -4.87 0.03	70.67 -6.14 7.30	84.88 -7.01 8.20	80.54 -6.77 7.98	73.84 -5.65 7.38	67.39 -4.91 4.40	59.48 -5.88 0.02	52.67 -4.83 0.00	49.19 -3.59 0.00
COLONIE_LFGE___ 323577	106.68 4.75 -2.94	101.13 4.21 -7.31	88.21 3.57 -8.67	88.34 3.27 -15.62	88.39 2.94 -21.61	79.51 3.18 -8.71	113.11 3.49 -36.99	120.71 3.80 -40.82	138.05 4.02 -56.69	140.30 3.81 -63.23	94.15 3.34 -25.29	75.63 3.73 -0.06	70.36 3.47 -0.06	69.94 3.46 0.00	69.74 3.51 0.00	75.39 3.79 0.00	97.91 4.71 -9.09	127.76 5.50 -22.17	170.34 5.33 -69.72	107.84 4.95 -16.03	97.81 4.29 -16.81	77.84 3.59 -8.86	60.67 3.10 -0.06	62.76 2.74 -7.24
COOPERNY_115KV_TB1 80082	101.32 2.08 -0.26	91.96 1.70 -0.64	78.17 1.44 -0.76	72.07 1.25 -1.37	66.87 1.15 -1.89	69.67 1.28 -0.76	77.39 1.53 -3.24	81.56 1.90 -3.57	84.47 2.17 -4.96	80.78 1.98 -5.53	69.37 1.64 -2.21	73.71 1.87 -0.01	68.56 1.74 -0.01	68.22 1.73 0.00	68.02 1.79 0.00	73.60 2.00 0.00	87.68 2.78 -0.80	105.33 3.30 -1.94	104.63 3.24 -6.10	91.22 2.95 -1.40	80.71 2.53 -1.47	68.19 2.03 -0.78	59.17 1.67 -0.01	54.68 1.27 -0.63
COPENHAGEN_WT_PWR 323753	102.35 3.37 0.00	92.39 2.78 0.00	78.33 2.36 0.00	71.54 2.08 0.00	65.82 1.98 0.00	69.59 1.96 0.00	74.51 1.89 0.00	78.22 2.13 0.00	79.43 2.09 0.00	74.95 1.69 0.00	66.96 1.44 0.00	73.27 1.44 0.00	68.23 1.41 0.00	67.69 1.20 0.00	67.28 1.06 0.00	72.95 1.36 0.00	85.96 1.85 0.00	102.89 2.80 0.00	97.67 2.38 0.00	88.69 1.83 0.00	78.16 1.45 0.00	66.62 1.24 0.00	58.48 0.98 0.00	53.62 0.84 0.00
CORNELL_____ 23752	99.98 0.89 -0.10	90.50 0.63 -0.26	76.73 0.46 -0.31	70.29 0.28 -0.56	64.86 0.26 -0.77	68.27 0.34 -0.31	74.31 0.36 -1.32	78.17 0.61 -1.47	84.66 0.46 -6.85	80.79 0.51 -7.01	66.70 0.26 -0.92	74.84 0.29 -2.71	69.80 0.20 -2.78	69.78 0.07 -3.23	69.46 0.13 -3.10	71.98 0.36 -0.02	90.28 0.59 -5.58	108.15 1.00 -7.06	104.91 1.05 -8.58	93.61 0.87 -5.88	81.24 0.77 -3.77	66.18 0.39 -0.40	57.73 0.23 0.00	53.25 0.21 -0.26

CORONA__69_KV_TB1 355595	106.40 5.54 -1.88	99.93 4.75 -5.56	103.03 4.03 -23.03	96.96 3.61 -23.89	100.11 3.32 -32.95	102.88 3.52 -31.74	108.32 4.14 -31.55	120.49 4.72 -39.68	120.31 5.18 -37.78	114.74 4.84 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.63 4.87 -44.16	126.65 6.22 -36.32	149.16 7.41 -41.67	132.20 7.34 -29.58	124.42 6.78 -30.79	120.18 5.91 -37.58	106.74 4.77 -36.58	97.41 4.14 -35.77	98.53 3.38 -42.37
CORTLAND__115KV_TB3 80093	98.98 0.00 0.00	89.43 -0.18 0.00	75.82 -0.15 0.00	69.18 -0.28 0.00	63.58 -0.26 0.00	67.35 -0.27 0.00	72.41 -0.22 0.00	76.01 -0.08 0.00	77.27 -0.08 0.00	73.26 0.00 0.00	65.45 -0.07 0.00	71.69 -0.14 0.00	66.62 -0.20 0.00	66.22 -0.27 0.00	66.03 -0.20 0.00	71.53 -0.07 0.00	84.20 0.08 0.00	100.31 0.20 -0.02	95.59 0.29 -0.02	87.12 0.26 0.00	76.86 0.15 0.00	65.28 -0.13 -0.02	57.33 -0.17 0.00	52.62 -0.16 0.00
COXSACKIE__GT 23611	108.21 7.92 -1.31	100.12 7.26 -3.25	85.98 6.15 -3.86	81.97 5.56 -6.96	78.45 4.98 -9.63	76.92 5.41 -3.88	94.70 5.59 -16.48	100.29 6.01 -18.19	108.71 6.11 -25.25	106.78 5.35 -28.17	81.30 4.52 -11.27	76.53 4.67 -0.03	71.19 4.34 -0.03	71.48 4.99 0.00	71.46 5.23 0.00	77.54 5.94 0.00	94.73 6.56 -4.05	117.87 7.91 -9.88	133.87 7.53 -31.06	100.78 6.78 -7.14	89.95 5.76 -7.49	74.10 4.77 -3.95	62.24 4.72 -0.03	59.97 3.96 -3.22
CPV_VALLEY__CC1 323721	101.44 2.17 -0.29	92.12 1.79 -0.72	78.26 1.44 -0.85	72.30 1.32 -1.53	67.16 1.21 -2.12	69.83 1.35 -0.85	77.93 1.67 -3.63	82.15 2.06 -4.00	85.22 2.32 -5.56	81.59 2.13 -6.20	69.77 1.77 -2.48	73.93 2.08 -0.01	68.77 1.94 -0.01	68.48 1.99 0.00	68.28 2.06 0.00	73.82 2.22 0.00	88.12 3.11 -0.89	105.97 3.71 -2.17	105.84 3.71 -6.84	91.82 3.38 -1.57	81.27 2.91 -1.65	68.54 2.29 -0.87	59.46 1.96 -0.01	54.97 1.48 -0.71
CPV_VALLEY__CC2 323722	101.44 2.17 -0.29	92.12 1.79 -0.72	78.26 1.44 -0.85	72.30 1.32 -1.53	67.16 1.21 -2.12	69.83 1.35 -0.85	77.93 1.67 -3.63	82.15 2.06 -4.00	85.22 2.32 -5.56	81.59 2.13 -6.20	69.77 1.77 -2.48	73.93 2.08 -0.01	68.77 1.94 -0.01	68.48 1.99 0.00	68.28 2.06 0.00	73.82 2.22 0.00	88.12 3.11 -0.89	105.97 3.71 -2.17	105.84 3.71 -6.84	91.82 3.38 -1.57	81.27 2.91 -1.65	68.54 2.29 -0.87	59.46 1.96 -0.01	54.97 1.48 -0.71
CRESCENT__HYD 24018	106.68 4.75 -2.94	101.13 4.21 -7.31	88.21 3.57 -8.67	88.34 3.27 -15.62	88.39 2.94 -21.61	79.51 3.18 -8.71	113.11 3.49 -36.99	120.71 3.80 -40.82	138.05 4.02 -56.69	140.30 3.81 -63.23	94.15 3.34 -25.29	75.63 3.73 -0.06	70.36 3.47 -0.06	69.94 3.46 0.00	69.74 3.51 0.00	75.39 3.79 0.00	97.91 4.71 -9.09	127.76 5.50 -22.17	170.34 5.33 -69.72	107.84 4.95 -16.03	97.81 4.29 -16.81	77.84 3.59 -8.86	60.67 3.10 -0.06	62.76 2.74 -7.24
CRICKET__VALLEY_CC1 323756	103.06 3.66 -0.41	93.85 3.22 -1.02	79.91 2.73 -1.21	74.13 2.50 -2.18	69.14 2.29 -3.01	71.27 2.43 -1.21	80.62 2.83 -5.16	85.05 3.27 -5.69	88.81 3.56 -7.91	85.38 3.30 -8.82	71.86 2.82 -3.53	75.15 3.31 -0.01	69.97 3.14 -0.01	69.68 3.19 0.00	69.47 3.24 0.00	75.11 3.51 0.00	89.92 4.54 -1.27	108.38 5.20 -3.09	110.15 5.14 -9.72	93.87 4.77 -2.24	83.19 4.14 -2.34	70.02 3.40 -1.24	60.44 2.93 -0.01	56.17 2.38 -1.01
CRICKET__VALLEY_CC2 323757	103.06 3.66 -0.41	93.85 3.22 -1.02	79.91 2.73 -1.21	74.13 2.50 -2.18	69.14 2.29 -3.01	71.27 2.43 -1.21	80.62 2.83 -5.16	85.05 3.27 -5.69	88.81 3.56 -7.91	85.38 3.30 -8.82	71.86 2.82 -3.53	75.15 3.31 -0.01	69.97 3.14 -0.01	69.68 3.19 0.00	69.47 3.24 0.00	75.11 3.51 0.00	89.92 4.54 -1.27	108.38 5.20 -3.09	110.15 5.14 -9.72	93.87 4.77 -2.24	83.19 4.14 -2.34	70.02 3.40 -1.24	60.44 2.93 -0.01	56.17 2.38 -1.01
CRICKET__VALLEY_CC3 323758	103.06 3.66 -0.41	93.85 3.22 -1.02	79.91 2.73 -1.21	74.13 2.50 -2.18	69.14 2.29 -3.01	71.27 2.43 -1.21	80.62 2.83 -5.16	85.05 3.27 -5.69	88.81 3.56 -7.91	85.38 3.30 -8.82	71.86 2.82 -3.53	75.15 3.31 -0.01	69.97 3.14 -0.01	69.68 3.19 0.00	69.47 3.24 0.00	75.11 3.51 0.00	89.92 4.54 -1.27	108.38 5.20 -3.09	110.15 5.14 -9.72	93.87 4.77 -2.24	83.19 4.14 -2.34	70.02 3.40 -1.24	60.44 2.93 -0.01	56.17 2.38 -1.01
CRUCIBLE__METL_DRP 24180	96.70 -2.28 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.80 -1.83 0.00	70.67 -1.96 0.00	74.11 -1.98 0.00	75.18 -2.17 0.00	71.43 -1.83 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.69 -1.80 0.00	64.44 -1.79 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.82 -1.57 0.00	56.06 -1.44 0.00	51.46 -1.32 0.00
DAHOWA__HYDRO 323763	109.58 7.13 -3.47	104.58 6.36 -8.60	91.58 5.39 -10.22	92.78 4.93 -18.40	93.82 4.53 -25.46	82.75 4.87 -10.26	121.49 5.30 -43.56	129.95 5.78 -48.08	150.14 6.04 -66.76	153.45 5.72 -74.47	100.28 4.98 -29.78	77.23 5.32 -0.08	71.84 4.94 -0.08	71.34 4.85 0.00	71.20 4.97 0.00	77.19 5.59 0.00	101.63 6.81 -10.70	134.40 8.21 -26.11	185.30 7.90 -82.11	112.86 7.12 -18.88	102.72 6.21 -19.80	80.93 5.10 -10.44	62.06 4.49 -0.08	65.21 3.91 -8.52
DANC__LFGE 323619	99.77 0.79 0.00	90.15 0.54 0.00	76.35 0.38 0.00	69.73 0.28 0.00	64.15 0.32 0.00	67.83 0.20 0.00	72.77 0.15 0.00	76.32 0.23 0.00	77.50 0.15 0.00	73.26 0.00 0.00	65.59 0.07 0.00	71.77 -0.07 0.00	66.82 0.00 0.00	66.29 -0.20 0.00	65.90 -0.33 0.00	71.38 -0.21 0.00	84.03 -0.08 0.00	100.39 0.30 0.00	95.48 0.19 0.00	86.77 -0.09 0.00	76.55 -0.15 0.00	65.32 -0.07 0.00	57.39 -0.11 0.00	52.68 -0.11 0.00
DANSKAMMER__1 23586	103.98 4.65 -0.35	94.52 4.04 -0.87	80.42 3.42 -1.03	74.36 3.05 -1.85	69.20 2.81 -2.56	71.70 3.05 -1.03	80.57 3.56 -4.38	84.95 4.03 -4.83	88.54 4.48 -6.71	84.92 4.17 -7.49	72.05 3.54 -2.99	75.72 3.88 -0.01	70.57 3.74 -0.01	70.21 3.72 0.00	70.07 3.84 0.00	75.82 4.22 0.00	90.65 5.46 -1.08	109.21 6.50 -2.62	110.02 6.48 -8.26	94.67 5.91 -1.90	83.76 5.06 -1.99	70.49 4.06 -1.05	61.02 3.51 -0.01	56.43 2.80 -0.86
DANSKAMMER__2 23589	103.98 4.65 -0.35	94.52 4.04 -0.87	80.42 3.42 -1.03	74.36 3.05 -1.85	69.20 2.81 -2.56	71.70 3.05 -1.03	80.57 3.56 -4.38	84.95 4.03 -4.83	88.54 4.48 -6.71	84.92 4.17 -7.49	72.05 3.54 -2.99	75.72 3.88 -0.01	70.57 3.74 -0.01	70.21 3.72 0.00	70.07 3.84 0.00	75.82 4.22 0.00	90.65 5.46 -1.08	109.21 6.50 -2.62	110.02 6.48 -8.26	94.67 5.91 -1.90	83.76 5.06 -1.99	70.49 4.06 -1.05	61.02 3.51 -0.01	56.43 2.80 -0.86
DANSKAMMER__3 23590	103.98 4.65 -0.35	94.52 4.04 -0.87	80.42 3.42 -1.03	74.36 3.05 -1.85	69.20 2.81 -2.56	71.70 3.05 -1.03	80.57 3.56 -4.38	84.95 4.03 -4.83	88.54 4.48 -6.71	84.92 4.17 -7.49	72.05 3.54 -2.99	75.72 3.88 -0.01	70.57 3.74 -0.01	70.21 3.72 0.00	70.07 3.84 0.00	75.82 4.22 0.00	90.65 5.46 -1.08	109.21 6.50 -2.62	110.02 6.48 -8.26	94.67 5.91 -1.90	83.76 5.06 -1.99	70.49 4.06 -1.05	61.02 3.51 -0.01	56.43 2.80 -0.86

DANSKAMMER___4 23591	103.98 4.65 -0.35	94.52 4.04 -0.87	80.42 3.42 -1.03	74.36 3.05 -1.85	69.20 2.81 -2.56	71.70 3.05 -1.03	80.57 3.56 -4.38	84.95 4.03 -4.83	88.54 4.48 -6.71	84.92 4.17 -7.49	72.05 3.54 -2.99	75.72 3.88 -0.01	70.57 3.74 -0.01	70.21 3.72 0.00	70.07 3.84 0.00	75.82 4.22 0.00	90.65 5.46 -1.08	109.21 6.50 -2.62	110.02 6.48 -8.26	94.67 5.91 -1.90	83.76 5.06 -1.99	70.49 4.06 -1.05	61.02 3.51 -0.01	56.43 2.80 -0.86
DANSKAMMER___DIESEL 23592	103.98 4.65 -0.35	94.51 4.03 -0.87	80.41 3.42 -1.03	74.36 3.06 -1.85	69.14 2.74 -2.56	71.70 3.04 -1.03	80.49 3.49 -4.38	85.03 4.11 -4.83	88.54 4.49 -6.71	84.93 4.18 -7.49	72.05 3.54 -2.99	75.72 3.88 -0.01	70.57 3.74 -0.01	70.21 3.72 0.00	70.07 3.84 0.00	75.82 4.22 0.00	90.65 5.47 -1.08	109.22 6.51 -2.62	110.02 6.48 -8.26	94.66 5.91 -1.90	83.76 5.06 -1.99	70.49 4.05 -1.05	61.02 3.51 -0.01	56.38 2.74 -0.86
DARBY___SOLAR 323810	108.92 6.53 -3.41	103.89 5.82 -8.45	90.94 4.94 -10.03	92.04 4.51 -18.07	92.98 4.15 -25.00	82.16 4.46 -10.07	120.28 4.87 -42.79	128.56 5.25 -47.22	148.41 5.49 -65.57	151.61 5.20 -73.14	99.29 4.52 -29.25	76.80 4.89 -0.07	71.44 4.55 -0.07	70.94 4.46 0.00	70.73 4.51 0.00	76.76 5.16 0.00	100.85 6.22 -10.51	133.24 7.51 -25.64	183.17 7.24 -80.65	112.00 6.60 -18.54	101.91 5.76 -19.45	80.35 4.71 -10.25	61.72 4.14 -0.07	64.74 3.59 -8.37
DASHVILLE___HYD 23610	102.10 2.57 -0.55	93.21 2.24 -1.35	79.47 1.90 -1.61	73.95 1.60 -2.89	69.30 1.47 -4.00	70.93 1.69 -1.61	81.51 2.03 -6.85	86.24 2.59 -7.56	90.70 2.86 -10.50	87.54 2.56 -11.71	72.30 2.10 -4.68	74.15 2.30 -0.01	69.04 2.21 -0.01	69.28 2.79 0.00	69.14 2.91 0.00	74.89 3.29 0.00	89.58 3.79 -1.68	108.70 4.50 -4.10	112.67 4.48 -12.91	93.91 4.08 -2.97	83.27 3.45 -3.11	69.71 2.68 -1.64	60.16 2.65 -0.01	55.76 1.64 -1.34
DEERFIELD_69_KV_DEERFIELD LD 355887	108.68 7.82 -1.88	102.26 7.08 -5.56	105.31 6.31 -23.03	99.18 5.83 -23.89	102.28 5.49 -32.95	105.45 6.09 -31.74	110.79 6.61 -31.55	123.76 7.99 -39.68	123.40 8.28 -37.78	117.53 7.62 -36.64	108.92 6.36 -37.04	103.94 7.04 -25.06	103.66 6.55 -30.29	107.39 6.58 -34.32	112.06 6.29 -39.54	122.63 6.87 -44.16	129.09 8.66 -36.32	152.37 10.61 -41.67	134.58 9.72 -29.58	126.16 8.51 -30.79	123.91 7.13 -40.07	107.66 5.69 -36.58	98.10 4.83 -35.77	99.64 4.49 -42.37
DELAWARE___LFGE 323621	102.15 2.67 -0.50	93.09 2.24 -1.23	79.33 1.90 -1.47	73.76 1.67 -2.64	69.02 1.53 -3.65	70.72 1.62 -1.47	80.69 1.82 -6.25	85.19 2.21 -6.89	89.32 2.40 -9.57	86.14 2.20 -10.68	71.63 1.83 -4.27	73.86 2.01 -0.01	68.70 1.87 -0.01	68.28 1.80 0.00	68.02 1.79 0.00	73.67 2.08 0.00	88.42 2.78 -1.54	107.26 3.40 -3.77	110.33 3.24 -11.80	92.43 2.87 -2.71	82.00 2.45 -2.84	68.78 1.90 -1.50	59.06 1.55 -0.01	55.27 1.27 -1.22
DERFIELD_115KV_TB7 355931	99.57 0.59 0.00	90.06 0.45 0.00	76.35 0.38 0.00	69.73 0.28 0.00	64.09 0.26 0.00	67.90 0.27 0.00	72.92 0.29 0.00	76.47 0.38 0.00	77.73 0.39 0.00	73.63 0.37 0.00	65.85 0.33 0.00	72.20 0.36 0.00	67.15 0.33 0.00	66.82 0.33 0.00	66.56 0.33 0.00	71.96 0.36 0.00	84.62 0.50 0.00	100.69 0.60 0.00	95.86 0.57 0.00	87.38 0.52 0.00	77.16 0.46 0.00	65.78 0.39 0.00	57.79 0.29 0.00	52.99 0.21 0.00
DOGLEVILLE___HYD 23807	109.77 10.79 0.00	99.11 9.49 0.00	83.87 7.90 0.00	76.19 6.74 0.00	69.64 5.81 0.00	73.17 5.55 0.00	77.86 5.23 0.00	81.11 5.02 0.00	82.14 4.80 0.00	77.81 4.54 0.00	69.58 4.06 0.00	76.15 4.31 0.00	70.83 4.01 0.00	70.21 3.72 0.00	69.80 3.57 0.00	75.68 4.08 0.00	89.07 4.96 0.00	106.40 6.31 0.00	101.39 6.10 0.00	92.59 5.73 0.00	82.15 5.45 0.00	70.55 5.16 0.00	62.27 4.77 0.00	57.37 4.59 0.00
DUNKIRK___115KV_TB_200 55889	90.37 -8.61 0.00	81.46 -8.15 0.00	69.13 -6.84 0.00	63.00 -6.46 0.00	57.64 -6.19 0.00	60.93 -6.69 0.00	64.64 -7.99 0.00	67.51 -8.52 0.06	55.37 -8.51 13.47	52.22 -7.77 13.27	58.85 -6.62 0.06	56.81 -7.47 7.56	51.59 -7.48 7.74	49.84 -7.65 9.00	50.18 -7.42 8.63	64.10 -7.45 0.06	59.96 -9.50 14.64	72.33 -11.01 16.75	68.42 -10.58 16.29	62.94 -9.12 14.80	59.97 -7.90 8.83	57.91 -7.45 0.02	51.29 -6.21 0.00	48.14 -4.64 0.00
DUNKIRK___1 23563	90.37 -8.61 0.00	81.46 -8.15 0.00	69.13 -6.84 0.00	63.00 -6.46 0.00	57.64 -6.19 0.00	60.93 -6.69 0.00	64.64 -7.99 0.00	67.51 -8.52 0.06	55.37 -8.51 13.47	52.22 -7.77 13.27	58.85 -6.62 0.06	56.81 -7.47 7.56	51.59 -7.48 7.74	49.84 -7.65 9.00	50.18 -7.42 8.63	64.10 -7.45 0.06	59.96 -9.50 14.64	72.33 -11.01 16.75	68.42 -10.58 16.29	62.94 -9.12 14.80	59.97 -7.90 8.83	57.91 -7.45 0.02	51.29 -6.21 0.00	48.14 -4.64 0.00
DUNKIRK___2 23564	90.37 -8.61 0.00	81.46 -8.15 0.00	69.13 -6.84 0.00	63.00 -6.46 0.00	57.64 -6.19 0.00	60.93 -6.69 0.00	64.64 -7.99 0.00	67.51 -8.52 0.06	55.37 -8.51 13.47	52.22 -7.77 13.27	58.85 -6.62 0.06	56.81 -7.47 7.56	51.59 -7.48 7.74	49.84 -7.65 9.00	50.18 -7.42 8.63	64.10 -7.45 0.06	59.96 -9.50 14.64	72.33 -11.01 16.75	68.42 -10.58 16.29	62.94 -9.12 14.80	59.97 -7.90 8.83	57.91 -7.45 0.02	51.29 -6.21 0.00	48.14 -4.64 0.00
DUNKIRK___3 23565	89.97 -9.01 0.00	81.01 -8.60 0.00	68.90 -7.06 0.00	62.79 -6.67 0.00	57.45 -6.38 0.00	60.79 -6.83 0.00	64.49 -8.13 0.00	67.35 -8.67 0.06	53.98 -8.59 14.78	50.93 -7.77 14.57	58.71 -6.75 0.06	56.00 -7.54 8.30	50.77 -7.55 8.49	49.03 -7.58 9.88	49.34 -7.42 9.47	63.95 -7.59 0.06	58.45 -9.59 16.07	70.48 -11.21 18.39	66.63 -10.77 17.89	61.33 -9.29 16.24	59.04 -7.98 9.69	57.78 -7.58 0.02	51.12 -6.38 0.00	47.98 -4.80 0.00
DUNKIRK___4 23566	89.97 -9.01 0.00	81.01 -8.60 0.00	68.90 -7.06 0.00	62.79 -6.67 0.00	57.45 -6.38 0.00	60.79 -6.83 0.00	64.49 -8.13 0.00	67.35 -8.67 0.06	53.98 -8.59 14.78	50.93 -7.77 14.57	58.71 -6.75 0.06	56.00 -7.54 8.30	50.77 -7.55 8.49	49.03 -7.58 9.88	49.34 -7.42 9.47	63.95 -7.59 0.06	58.45 -9.59 16.07	70.48 -11.21 18.39	66.63 -10.77 17.89	61.33 -9.29 16.24	59.04 -7.98 9.69	57.78 -7.58 0.02	51.12 -6.38 0.00	47.98 -4.80 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	103.28 3.96 -0.34	93.76 3.32 -0.83	79.77 2.81 -0.99	73.74 2.50 -1.78	68.60 2.30 -2.47	71.12 2.50 -1.00	79.83 2.98 -4.23	84.48 3.73 -4.66	87.84 4.02 -6.48	84.22 3.74 -7.23	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.46 3.87 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.26 3.86 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	102.88 3.56 -0.34	93.50 3.05 -0.84	79.62 2.66 -1.00	73.54 2.29 -1.79	68.42 2.11 -2.48	70.92 2.30 -1.00	79.63 2.76 -4.24	84.12 3.35 -4.68	87.48 3.64 -6.50	83.81 3.30 -7.25	71.17 2.75 -2.90	75.01 3.16 -0.01	69.83 3.01 -0.01	69.55 3.06 0.00	69.34 3.11 0.00	75.03 3.44 0.00	89.70 4.54 -1.04	108.04 5.40 -2.54	108.71 5.43 -8.00	93.65 4.95 -1.84	82.85 4.22 -1.93	69.74 3.33 -1.02	60.38 2.87 -0.01	55.83 2.22 -0.83

E179THST_138_KV_TB4_REV_LBMP_J 345001	102.68 3.37 -0.34	93.05 2.60 -0.83	79.24 2.28 -0.99	72.98 1.74 -1.78	67.84 1.53 -2.47	70.31 1.69 -1.00	79.11 2.25 -4.23	83.87 3.12 -4.66	87.30 3.48 -6.48	83.71 3.22 -7.23	71.10 2.69 -2.89	74.93 3.09 -0.01	69.77 2.94 -0.01	69.55 3.06 0.00	69.34 3.11 0.00	74.82 3.22 0.00	89.94 4.79 -1.04	108.23 5.60 -2.53	108.87 5.62 -7.97	93.90 5.21 -1.83	83.46 4.83 -1.92	69.80 3.40 -1.01	60.44 2.93 -0.01	55.77 2.16 -0.83
E179THST_13_KV_LOAD 356214	103.08 3.76 -0.34	93.41 2.96 -0.83	79.54 2.58 -0.99	73.25 2.01 -1.78	68.09 1.79 -2.47	70.51 1.89 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.36 2.95 -2.89	75.29 3.45 -0.01	70.10 3.27 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.18 3.58 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.34 5.65 -1.83	83.92 5.29 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
EAST HAMPTON___GT 23717	108.38 7.52 -1.88	102.26 7.08 -5.56	105.38 6.38 -23.03	99.53 6.18 -23.89	102.73 5.94 -32.95	106.06 6.70 -31.74	111.59 7.41 -31.55	124.52 8.75 -39.69	124.33 9.20 -37.78	118.33 8.42 -36.64	109.51 6.94 -37.04	104.59 7.69 -25.06	104.19 7.08 -30.29	107.85 7.04 -34.32	112.39 6.62 -39.54	122.78 7.02 -44.16	129.01 8.58 -36.32	152.37 10.60 -41.67	133.73 8.86 -29.58	125.30 7.65 -30.79	123.07 6.29 -40.07	106.93 4.97 -36.58	97.47 4.20 -35.77	99.37 4.22 -42.37
EAST RIVER___6 23660	103.08 3.76 -0.34	93.58 3.13 -0.83	79.54 2.58 -0.99	73.60 2.36 -1.78	68.41 2.10 -2.47	70.92 2.30 -0.99	79.83 2.98 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.51 3.66 -0.01	70.37 3.54 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.39 3.79 0.00	90.45 5.30 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.33 5.64 -1.83	83.54 4.91 -1.92	70.59 4.19 -1.01	61.07 3.57 -0.01	56.40 2.80 -0.83
EAST RIVER___7 23524	103.08 3.76 -0.34	93.58 3.13 -0.83	79.54 2.58 -0.99	73.60 2.36 -1.78	68.41 2.10 -2.47	70.92 2.30 -0.99	79.83 2.98 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.51 3.66 -0.01	70.37 3.54 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.39 3.79 0.00	90.45 5.30 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.33 5.64 -1.83	83.54 4.91 -1.92	70.59 4.19 -1.01	61.07 3.57 -0.01	56.40 2.80 -0.83
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	103.08 3.76 -0.34	93.58 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.68 2.83 -4.22	84.25 3.50 -4.66	87.68 3.87 -6.47	84.07 3.59 -7.21	71.42 3.01 -2.88	75.36 3.52 -0.01	70.17 3.34 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.32 3.72 0.00	90.11 4.96 -1.04	108.42 5.81 -2.53	109.05 5.81 -7.95	93.99 5.30 -1.83	83.22 4.60 -1.92	70.06 3.66 -1.01	60.61 3.11 -0.01	56.04 2.43 -0.83
EAST_HAMPTON___DIESEL 23722	108.29 7.43 -1.88	102.17 6.99 -5.56	105.30 6.30 -23.03	99.46 6.11 -23.89	102.73 5.94 -32.95	106.06 6.70 -31.74	111.59 7.41 -31.55	124.52 8.75 -39.69	124.33 9.20 -37.78	118.33 8.42 -36.64	109.51 6.94 -37.04	104.51 7.61 -25.06	104.19 7.08 -30.29	107.79 6.98 -34.32	112.33 6.56 -39.54	122.70 6.94 -44.16	128.84 8.41 -36.32	152.17 10.41 -41.67	133.53 8.67 -29.58	125.12 7.47 -30.79	122.83 6.06 -40.07	106.81 4.84 -36.58	97.30 4.02 -35.77	99.27 4.12 -42.37
EAST_POINT___SOLAR 323840	110.11 7.62 -3.51	105.05 6.72 -8.71	92.02 5.70 -10.35	93.30 5.21 -18.63	94.41 4.79 -25.78	83.15 5.14 -10.39	122.49 5.74 -44.13	131.10 6.31 -48.70	151.62 6.65 -67.63	154.26 5.57 -75.43	99.62 3.93 -30.17	76.22 4.31 -0.08	70.64 3.74 -0.08	70.34 3.85 0.00	70.07 3.84 0.00	76.61 5.01 0.00	102.19 7.23 -10.84	136.05 9.51 -26.44	187.60 9.15 -83.17	114.14 8.16 -19.12	103.74 6.98 -20.06	81.38 5.42 -10.57	62.23 4.66 -0.08	65.32 3.91 -8.63
EAST_PULASKI___ESR 323781	97.20 -1.78 0.00	87.82 -1.79 0.00	74.37 -1.60 0.00	67.99 -1.46 0.00	62.49 -1.34 0.00	66.14 -1.49 0.00	70.96 -1.67 0.00	74.49 -1.60 0.00	75.64 -1.70 0.00	71.65 -1.61 0.00	64.21 -1.31 0.00	70.26 -1.58 0.00	65.35 -1.47 0.00	64.89 -1.60 0.00	64.58 -1.65 0.00	69.88 -1.72 0.00	82.18 -1.93 0.00	98.09 -2.00 0.00	93.38 -1.90 0.00	84.95 -1.91 0.00	75.02 -1.69 0.00	64.14 -1.24 0.00	56.47 -1.03 0.00	51.78 -1.00 0.00
EAST_RIVER___1 323558	103.17 3.86 -0.34	93.67 3.22 -0.83	79.62 2.66 -0.99	73.67 2.43 -1.78	68.48 2.17 -2.47	70.99 2.37 -0.99	79.83 2.98 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.22 3.73 -7.22	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.39 3.79 0.00	90.37 5.22 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.33 5.64 -1.83	83.46 4.84 -1.92	70.32 3.92 -1.01	60.84 3.33 -0.01	56.25 2.64 -0.83
EAST_RIVER___2 323559	103.08 3.76 -0.34	93.58 3.13 -0.83	79.54 2.58 -0.99	73.60 2.36 -1.78	68.41 2.10 -2.47	70.92 2.30 -0.99	79.83 2.98 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.51 3.66 -0.01	70.37 3.54 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.39 3.79 0.00	90.45 5.30 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.33 5.64 -1.83	83.54 4.91 -1.92	70.59 4.19 -1.01	61.07 3.57 -0.01	56.40 2.80 -0.83
EAST___DELAWARE_HYD 23607	103.40 4.06 -0.36	94.00 3.49 -0.90	79.92 2.89 -1.07	74.02 2.64 -1.92	68.86 2.36 -2.66	71.33 2.63 -1.07	80.30 3.12 -4.55	84.69 3.58 -5.02	88.19 3.87 -6.98	84.49 3.44 -7.78	71.45 2.82 -3.11	74.86 3.02 -0.01	69.70 2.87 -0.01	69.35 2.86 0.00	69.21 2.98 0.00	75.03 3.44 0.00	89.94 4.71 -1.12	108.52 5.70 -2.73	109.58 5.72 -8.58	93.96 5.12 -1.97	83.07 4.29 -2.07	69.87 3.40 -1.09	60.44 2.93 -0.01	55.89 2.22 -0.89
EIGHT_POINT___WT_PWR 323820	95.11 -3.96 -0.09	85.89 -3.94 -0.22	72.81 -3.42 -0.26	66.45 -3.47 -0.47	61.09 -3.39 -0.65	64.10 -3.79 -0.26	69.16 -4.57 -1.10	72.77 -4.72 -1.40	119.02 -5.18 -46.86	114.84 -4.84 -46.41	61.61 -4.85 -0.94	91.81 -5.39 -25.36	87.10 -5.68 -25.96	91.10 -5.58 -30.19	89.62 -5.56 -28.95	66.20 -5.58 -0.18	126.77 -6.73 -49.39	151.31 -7.81 -59.03	146.88 -7.25 -58.84	130.88 -6.08 -50.11	101.99 -4.83 -30.12	60.97 -4.64 -0.22	53.48 -4.03 0.00	49.78 -3.22 -0.22
ELBRIDGE_115KV_TB2 80188	96.41 -2.57 0.00	87.10 -2.51 0.00	73.84 -2.13 0.00	67.44 -2.01 0.00	61.98 -1.85 0.00	65.66 -1.96 0.00	70.52 -2.11 0.00	73.96 -2.13 0.00	75.02 -2.32 0.00	71.21 -2.05 0.00	63.75 -1.77 0.00	69.83 -2.01 0.00	64.88 -1.94 0.00	64.49 -1.99 0.00	64.24 -1.99 0.00	69.66 -1.93 0.00	81.76 -2.36 0.00	97.39 -2.70 0.00	92.81 -2.48 0.00	84.60 -2.26 0.00	74.71 -1.99 0.00	63.69 -1.70 0.00	55.95 -1.55 0.00	51.41 -1.37 0.00
ELEC_TRO_TEK 24086	106.11 5.25 -1.88	99.66 4.48 -5.56	102.80 3.80 -23.03	96.75 3.40 -23.89	99.92 3.13 -32.95	102.68 3.31 -31.74	108.10 3.92 -31.55	120.42 4.64 -39.68	120.15 5.03 -37.78	114.60 4.69 -36.64	106.56 4.00 -37.04	101.42 4.53 -25.06	101.39 4.28 -30.29	105.13 4.32 -34.32	110.14 4.37 -39.54	120.49 4.73 -44.16	126.65 6.22 -36.32	149.06 7.31 -41.67	132.10 7.24 -29.58	124.25 6.60 -30.79	121.49 5.75 -39.03	106.61 4.64 -36.58	97.24 3.97 -35.77	98.37 3.22 -42.37

ELLENBURG_WT_PWR 323604	100.17 1.19 0.00	91.14 1.52 0.00	77.49 1.52 0.00	71.05 1.60 0.00	65.36 1.53 0.00	69.25 1.62 0.00	74.22 1.60 0.00	77.23 1.14 0.00	78.35 1.00 0.00	74.15 0.88 0.00	66.44 0.92 0.00	72.92 1.08 0.00	67.95 1.13 0.00	67.75 1.26 0.00	67.35 1.12 0.00	72.31 0.72 0.00	84.28 0.17 0.00	99.99 -0.10 0.00	94.72 -0.57 0.00	86.16 -0.70 0.00	76.25 -0.46 0.00	65.32 -0.07 0.00	57.56 0.06 0.00	53.31 0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	88.79 -10.19 0.00	80.11 -9.50 0.00	68.22 -7.75 0.00	62.23 -7.22 0.00	57.00 -6.83 0.00	60.32 -7.30 0.00	63.99 -8.64 0.00	66.59 -9.44 0.06	53.06 -9.44 14.85	50.06 -8.57 14.64	58.12 -7.34 0.06	55.24 -8.26 8.34	50.07 -8.22 8.53	48.45 -8.11 9.93	48.63 -8.08 9.52	63.23 -8.31 0.06	57.37 -10.60 16.15	69.43 -12.41 18.25	65.63 -11.91 17.74	60.21 -10.34 16.31	57.99 -8.97 9.74	57.19 -8.17 0.02	50.60 -6.90 0.00	47.50 -5.28 0.00
EMPIRE_CC_1 323656	103.58 3.66 -0.94	95.16 3.22 -2.32	81.46 2.73 -2.76	76.85 2.43 -4.97	72.94 2.23 -6.87	72.76 2.37 -2.77	87.00 2.61 -11.76	91.96 2.89 -12.98	98.46 3.10 -18.02	96.30 2.93 -20.10	76.11 2.55 -8.04	74.80 2.95 -0.02	69.58 2.74 -0.02	69.28 2.79 0.00	69.01 2.78 0.00	74.53 2.94 0.00	90.70 3.70 -2.89	111.14 4.01 -7.05	121.35 3.91 -22.16	95.77 3.82 -5.10	85.42 3.37 -5.34	71.01 2.81 -2.82	59.99 2.47 -0.02	57.25 2.16 -2.30
EMPIRE_CC_2 323658	103.58 3.66 -0.94	95.16 3.22 -2.32	81.46 2.73 -2.76	76.85 2.43 -4.97	72.94 2.23 -6.87	72.76 2.37 -2.77	87.00 2.61 -11.76	91.96 2.89 -12.98	98.46 3.10 -18.02	96.30 2.93 -20.10	76.11 2.55 -8.04	74.80 2.95 -0.02	69.58 2.74 -0.02	69.28 2.79 0.00	69.01 2.78 0.00	74.53 2.94 0.00	90.70 3.70 -2.89	111.14 4.01 -7.05	121.35 3.91 -22.16	95.77 3.82 -5.10	85.42 3.37 -5.34	71.01 2.81 -2.82	59.99 2.47 -0.02	57.25 2.16 -2.30
ENORWICH_115KV_TB1 80156	108.02 8.81 -0.23	97.97 7.80 -0.56	83.25 6.61 -0.67	76.28 5.63 -1.20	70.54 5.04 -1.67	73.71 5.41 -0.67	81.00 5.52 -2.85	85.41 6.16 -3.16	90.16 6.03 -6.79	85.79 5.27 -7.26	71.67 4.19 -1.96	77.58 4.38 -1.36	72.22 4.01 -1.39	71.50 3.39 -1.62	71.16 3.38 -1.55	75.76 4.15 -0.01	92.74 5.30 -3.33	112.06 7.11 -4.86	110.30 6.57 -8.44	96.31 5.56 -3.89	84.26 4.68 -2.88	69.69 3.60 -0.71	60.38 2.87 0.00	56.08 2.74 -0.56
ERIE_ST__34_KV_TB1-2 80199	89.68 -9.30 0.00	80.83 -8.78 0.00	68.75 -7.22 0.00	62.72 -6.74 0.00	57.45 -6.38 0.00	60.79 -6.83 0.00	64.64 -7.99 0.00	68.58 -7.46 0.05	58.18 -6.81 12.35	55.00 -6.08 12.18	59.77 -5.70 0.05	59.08 -5.82 6.94	53.77 -5.95 7.10	52.31 -5.92 8.26	52.48 -5.83 7.92	65.53 -6.01 0.05	63.02 -7.65 13.43	75.69 -8.91 15.49	71.65 -8.58 15.06	65.99 -7.30 13.57	62.31 -6.29 8.10	58.17 -7.19 0.02	51.23 -6.27 0.00	47.98 -4.80 0.00
ERIE_WT_PWR 323693	89.18 -9.80 0.00	80.39 -9.23 0.00	68.37 -7.60 0.00	62.30 -7.15 0.00	57.19 -6.64 0.00	60.45 -7.17 0.00	64.13 -8.50 0.00	67.28 -8.75 0.06	54.52 -8.74 14.08	51.47 -7.91 13.88	58.58 -6.88 0.06	56.31 -7.62 7.91	51.11 -7.62 8.10	49.49 -7.58 9.41	49.65 -7.55 9.03	63.88 -7.66 0.06	58.96 -9.84 15.31	70.98 -11.51 17.60	67.12 -11.05 17.11	61.83 -9.55 15.47	59.18 -8.29 9.23	57.65 -7.72 0.02	51.06 -6.44 0.00	47.50 -5.28 0.00
ESPRGFLD_115KV_TB1 80157	105.26 3.76 -2.52	99.17 3.32 -6.24	86.19 2.81 -7.41	85.24 2.43 -13.35	84.54 2.23 -18.47	77.57 2.50 -7.44	107.08 2.83 -31.62	114.33 3.35 -34.89	129.35 3.56 -48.45	130.46 3.15 -54.04	89.56 2.42 -21.62	74.48 2.59 -0.05	69.28 2.41 -0.05	68.68 2.19 0.00	68.48 2.25 0.00	74.46 2.86 0.00	95.92 4.04 -7.77	124.34 5.30 -18.95	159.92 5.05 -59.59	104.90 4.34 -13.70	94.76 3.68 -14.37	75.64 2.68 -7.57	59.74 2.19 -0.05	60.76 1.79 -6.18
ETNA_115_KV_TB1_REV_LBMP_C 345029	99.88 0.79 -0.11	90.41 0.54 -0.26	76.66 0.38 -0.31	70.22 0.21 -0.56	64.80 0.19 -0.77	68.14 0.20 -0.31	74.24 0.29 -1.32	78.02 0.46 -1.48	83.77 0.39 -6.04	79.85 0.37 -6.22	66.64 0.20 -0.92	74.31 0.22 -2.26	69.26 0.13 -2.31	69.17 0.00 -2.68	68.87 0.07 -2.57	71.90 0.29 -0.02	89.31 0.50 -4.69	107.00 0.90 -6.01	103.80 0.95 -7.56	92.63 0.78 -4.99	80.63 0.69 -3.23	66.10 0.33 -0.39	57.62 0.11 0.00	53.20 0.16 -0.26
ETNA____115KV_TB2 80207	99.88 0.79 -0.11	90.41 0.54 -0.26	76.66 0.38 -0.31	70.22 0.21 -0.56	64.80 0.19 -0.77	68.14 0.20 -0.31	74.24 0.29 -1.32	78.02 0.46 -1.48	83.77 0.39 -6.04	79.85 0.37 -6.22	66.64 0.20 -0.92	74.31 0.22 -2.26	69.26 0.13 -2.31	69.17 0.00 -2.68	68.87 0.07 -2.57	71.90 0.29 -0.02	89.31 0.50 -4.69	107.00 0.90 -6.01	103.80 0.95 -7.56	92.63 0.78 -4.99	80.63 0.69 -3.23	66.10 0.33 -0.39	57.62 0.11 0.00	53.20 0.16 -0.26
EUCLID____115KV_TB2 356179	96.01 -2.97 0.00	86.75 -2.87 0.00	73.54 -2.43 0.00	67.16 -2.29 0.00	61.73 -2.11 0.00	65.39 -2.23 0.00	70.23 -2.40 0.00	73.58 -2.51 0.00	74.71 -2.63 0.00	70.92 -2.34 0.00	63.49 -2.03 0.00	69.54 -2.30 0.00	64.61 -2.21 0.00	64.29 -2.19 0.00	64.04 -2.19 0.00	69.38 -2.22 0.00	81.42 -2.69 0.00	96.99 -3.10 0.00	92.43 -2.86 0.00	84.25 -2.61 0.00	74.40 -2.30 0.00	63.36 -2.03 0.00	55.72 -1.78 0.00	51.20 -1.58 0.00
E_CANADA_CAP_HY 24051	107.49 5.24 -3.26	102.28 4.57 -8.10	89.46 3.87 -9.62	90.31 3.54 -17.32	91.05 3.25 -23.97	80.79 3.51 -9.65	117.56 3.92 -41.01	125.76 4.41 -45.26	144.84 4.64 -62.85	147.40 4.03 -70.11	96.64 3.08 -28.04	75.29 3.38 -0.07	69.90 3.01 -0.07	69.48 2.99 0.00	69.21 2.98 0.00	75.46 3.86 0.00	99.49 5.30 -10.08	131.57 6.90 -24.58	179.25 6.67 -77.30	110.54 5.91 -17.77	100.41 5.06 -18.64	79.07 3.86 -9.83	60.85 3.28 -0.07	63.50 2.69 -8.02
E_CANADA_MHWK_HY 24050	109.77 10.79 0.00	99.11 9.49 0.00	83.87 7.90 0.00	76.19 6.74 0.00	69.64 5.81 0.00	73.17 5.55 0.00	77.86 5.23 0.00	81.11 5.02 0.00	82.14 4.80 0.00	77.81 4.54 0.00	69.58 4.06 0.00	76.15 4.31 0.00	70.83 4.01 0.00	70.21 3.72 0.00	69.80 3.57 0.00	75.68 4.08 0.00	89.07 4.96 0.00	106.40 6.31 0.00	101.39 6.10 0.00	92.59 5.73 0.00	82.15 5.45 0.00	70.55 5.16 0.00	62.27 4.77 0.00	57.37 4.59 0.00
E_FISHKILL____LBMP 23776	102.89 3.56 -0.34	93.51 3.05 -0.85	79.56 2.58 -1.01	73.56 2.29 -1.82	68.45 2.11 -2.51	70.94 2.30 -1.01	79.61 2.69 -4.30	84.10 3.27 -4.74	87.49 3.56 -6.59	83.91 3.30 -7.35	71.28 2.82 -2.94	75.08 3.23 -0.01	69.90 3.07 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	75.03 3.44 0.00	89.71 4.54 -1.06	107.97 5.30 -2.58	108.63 5.24 -8.10	93.59 4.86 -1.86	82.88 4.22 -1.95	69.81 3.40 -1.03	60.38 2.87 -0.01	55.89 2.27 -0.84
FALCON____SEABRD_CC1 323796	100.96 1.98 0.00	92.03 2.42 0.00	78.17 2.20 0.00	71.82 2.36 0.00	66.07 2.23 0.00	69.93 2.30 0.00	75.02 2.39 0.00	77.91 1.82 0.00	79.04 1.70 0.00	74.80 1.54 0.00	66.96 1.44 0.00	73.49 1.65 0.00	68.55 1.73 0.00	68.28 1.80 0.00	67.82 1.59 0.00	72.89 1.29 0.00	84.87 0.76 0.00	100.49 0.40 0.00	95.28 0.00 0.00	86.86 0.00 0.00	76.86 0.15 0.00	65.78 0.39 0.00	57.96 0.46 0.00	54.00 1.21 0.00

FALCON___SEABRD_CC2 323797	100.96 1.98 0.00	92.03 2.42 0.00	78.17 2.20 0.00	71.82 2.36 0.00	66.07 2.23 0.00	69.93 2.30 0.00	75.02 2.39 0.00	77.91 1.82 0.00	79.04 1.70 0.00	74.80 1.54 0.00	66.96 1.44 0.00	73.49 1.65 0.00	68.55 1.73 0.00	68.28 1.80 0.00	67.82 1.59 0.00	72.89 1.29 0.00	84.87 0.76 0.00	100.49 0.40 0.00	95.28 0.00 0.00	86.86 0.00 0.00	76.86 0.15 0.00	65.78 0.39 0.00	57.96 0.46 0.00	54.00 1.21 0.00
FAR ROCKAWAY___4 23548	107.29 6.43 -1.88	100.73 5.56 -5.56	103.79 4.79 -23.03	97.58 4.24 -23.89	100.68 3.89 -32.95	103.56 4.19 -31.74	108.97 4.79 -31.55	121.18 5.40 -39.68	121.08 5.96 -37.78	115.48 5.57 -36.64	107.35 4.78 -37.04	102.29 5.39 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.94 5.17 -39.54	121.34 5.58 -44.16	127.24 6.81 -36.32	149.87 8.11 -41.67	132.87 8.00 -29.58	125.29 7.64 -30.79	120.69 6.60 -37.39	107.33 5.36 -36.58	97.87 4.60 -35.77	98.95 3.80 -42.37
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	103.08 3.76 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.83 2.98 -4.23	84.48 3.73 -4.66	87.92 4.10 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.39 3.79 0.00	90.45 5.30 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.34 5.65 -1.83	83.46 4.83 -1.92	70.26 3.86 -1.01	60.84 3.33 -0.01	56.14 2.53 -0.83
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	103.18 3.86 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.83 2.98 -4.23	84.48 3.73 -4.66	87.92 4.10 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.46 3.87 0.00	90.45 5.30 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.34 5.65 -1.83	83.46 4.83 -1.92	70.32 3.92 -1.01	60.84 3.33 -0.01	56.19 2.59 -0.83
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	103.08 3.76 -0.34	93.59 3.14 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -0.99	79.76 2.91 -4.23	84.41 3.65 -4.66	87.92 4.10 -6.48	84.22 3.74 -7.22	71.55 3.14 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.26 3.86 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
FARRAGUT___LBMP 323566	102.98 3.66 -0.34	93.50 3.05 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -0.99	79.69 2.83 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.22	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.32 3.72 0.00	90.28 5.13 -1.04	108.63 6.01 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.38 4.76 -1.92	70.19 3.79 -1.01	60.73 3.22 -0.01	56.09 2.48 -0.83
FENNER___WINDPWR 24204	100.76 1.78 0.00	91.14 1.52 0.00	77.26 1.29 0.00	70.50 1.04 0.00	64.85 1.02 0.00	68.70 1.08 0.00	73.79 1.16 0.00	77.46 1.37 0.00	78.74 1.39 0.00	74.58 1.32 0.00	66.63 1.11 0.00	72.98 1.15 0.00	67.89 1.07 0.00	67.42 0.93 0.00	67.16 0.93 0.00	72.81 1.22 0.00	85.54 1.43 0.00	101.99 1.90 0.00	97.00 1.72 0.00	88.33 1.48 0.00	77.86 1.15 0.00	66.31 0.91 -0.01	58.19 0.69 0.00	53.36 0.58 0.00
FIBERTEK___ENERGY 23856	96.70 -2.28 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.80 -1.83 0.00	70.67 -1.96 0.00	74.11 -1.98 0.00	75.18 -2.17 0.00	71.43 -1.83 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.69 -1.80 0.00	64.44 -1.79 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.82 -1.57 0.00	56.06 -1.44 0.00	51.46 -1.32 0.00
FITZPATRICK____ 23598	94.73 -4.25 0.00	85.67 -3.94 0.00	72.63 -3.34 0.00	66.33 -3.12 0.00	60.96 -2.87 0.00	64.58 -3.04 0.00	69.36 -3.27 0.00	72.67 -3.42 0.00	73.79 -3.56 0.00	69.97 -3.30 0.00	62.64 -2.88 0.00	68.61 -3.23 0.00	63.81 -3.01 0.00	63.43 -3.06 0.00	63.18 -3.05 0.00	68.45 -3.15 0.00	80.33 -3.78 0.00	95.69 -4.40 0.00	91.09 -4.19 0.00	83.04 -3.82 0.00	73.33 -3.37 0.00	62.64 -2.74 0.00	55.03 -2.47 0.00	50.51 -2.27 0.00
FLOWRFLD_69_KV_BK1 356044	107.89 7.03 -1.88	101.36 6.18 -5.56	104.32 5.32 -23.03	98.14 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.48 5.30 -31.55	122.09 6.32 -39.68	121.78 6.65 -37.78	116.06 6.15 -36.64	107.68 5.11 -37.04	102.64 5.75 -25.06	102.53 5.41 -30.29	106.26 5.45 -34.32	111.20 5.43 -39.54	121.77 6.01 -44.16	128.33 7.91 -36.32	151.17 9.41 -41.67	134.10 9.24 -29.58	125.99 8.34 -30.79	123.83 7.06 -40.07	107.66 5.69 -36.58	98.28 5.00 -35.77	99.48 4.33 -42.37
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	104.18 4.85 -0.35	94.69 4.21 -0.87	80.57 3.57 -1.03	74.50 3.19 -1.85	69.33 2.94 -2.56	71.83 3.18 -1.03	80.64 3.63 -4.38	85.26 4.34 -4.83	88.70 4.64 -6.71	85.07 4.32 -7.49	72.18 3.67 -2.99	75.94 4.09 -0.01	70.70 3.88 -0.01	70.41 3.92 0.00	70.20 3.97 0.00	76.04 4.44 0.00	90.91 5.72 -1.08	109.52 6.81 -2.62	110.21 6.67 -8.26	94.92 6.17 -1.90	83.91 5.22 -1.99	70.62 4.18 -1.05	61.13 3.62 -0.01	56.49 2.85 -0.86
FORT ORANGE____ 23900	104.63 3.86 -1.80	97.56 3.49 -4.46	84.22 2.96 -5.30	81.63 2.64 -9.53	79.45 2.43 -13.19	75.51 2.57 -5.32	97.38 2.18 -22.58	103.37 2.36 -24.92	114.35 2.40 -34.60	114.06 2.20 -38.60	82.99 2.03 -15.44	74.24 2.37 -0.04	69.00 2.14 -0.04	68.81 2.33 0.00	68.48 2.25 0.00	73.89 2.29 0.00	92.27 2.61 -5.55	116.32 2.70 -13.53	140.51 2.66 -42.56	99.25 2.60 -9.78	89.35 2.38 -10.26	72.95 2.15 -5.41	59.55 2.01 -0.04	59.42 2.22 -4.42
FORT_DRUM_COGEN 23780	102.84 3.86 0.00	92.93 3.32 0.00	78.70 2.73 0.00	71.96 2.50 0.00	66.13 2.30 0.00	69.92 2.30 0.00	74.95 2.32 0.00	78.60 2.51 0.00	79.82 2.48 0.00	75.31 2.05 0.00	67.22 1.70 0.00	73.56 1.72 0.00	68.56 1.74 0.00	67.95 1.46 0.00	67.62 1.39 0.00	73.24 1.65 0.00	86.30 2.19 0.00	103.39 3.30 0.00	98.05 2.76 0.00	89.03 2.17 0.00	78.47 1.76 0.00	66.89 1.50 0.00	58.65 1.15 0.00	53.84 1.06 0.00
FOX_HILLS___ESR 323835	102.48 3.17 -0.34	70.79 2.42 21.24	79.01 2.05 -0.99	59.50 1.67 11.63	65.88 1.47 -0.58	70.18 1.62 -0.93	79.11 2.25 -4.23	83.95 3.20 -4.66	87.38 3.56 -6.48	56.80 3.30 19.76	55.80 2.75 12.47	58.75 3.23 16.32	57.34 3.07 12.55	64.43 3.19 5.25	69.47 3.25 0.00	58.78 3.37 16.19	95.57 5.13 -6.33	108.73 6.11 -2.53	109.44 6.19 -7.97	99.62 5.65 -7.12	86.09 4.91 -4.48	69.99 3.60 -1.01	60.78 3.28 -0.01	55.98 2.38 -0.83
FPL FAR_ROCK_GT1 24212	107.39 6.53 -1.88	100.83 5.65 -5.56	103.71 4.71 -23.03	97.65 4.31 -23.89	100.68 3.89 -32.95	103.56 4.19 -31.74	109.04 4.87 -31.55	121.10 5.32 -39.68	121.00 5.88 -37.78	115.47 5.57 -36.64	107.34 4.78 -37.04	102.29 5.39 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.94 5.17 -39.54	121.27 5.51 -44.16	127.23 6.81 -36.31	149.86 8.10 -41.67	132.86 8.00 -29.58	125.29 7.65 -30.79	120.69 6.60 -37.39	107.33 5.36 -36.58	97.93 4.66 -35.77	99.05 3.91 -42.37

FPL FAR_ROCK_GT2 23815	107.39 6.53 -1.88	100.83 5.65 -5.56	103.71 4.71 -23.03	97.65 4.31 -23.89	100.68 3.89 -32.95	103.56 4.19 -31.74	109.04 4.87 -31.55	121.10 5.32 -39.68	121.00 5.88 -37.78	115.47 5.57 -36.64	107.34 4.78 -37.04	102.29 5.39 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.94 5.17 -39.54	121.27 5.51 -44.16	127.23 6.81 -36.31	149.86 8.10 -41.67	132.86 8.00 -29.58	125.29 7.65 -30.79	120.69 6.60 -37.39	107.33 5.36 -36.58	97.93 4.66 -35.77	99.05 3.91 -42.37
FRANKLIN_FALL_HYD 24054	102.25 3.27 0.00	93.29 3.67 0.00	79.01 3.04 0.00	72.86 3.40 0.00	67.03 3.19 0.00	70.87 3.25 0.00	75.97 3.34 0.00	78.83 2.74 0.00	80.05 2.71 0.00	75.83 2.56 0.00	67.88 2.36 0.00	74.42 2.59 0.00	69.36 2.54 0.00	69.02 2.53 0.00	68.55 2.32 0.00	73.60 2.00 0.00	85.63 1.51 0.00	101.39 1.30 0.00	96.24 0.95 0.00	87.90 1.04 0.00	77.85 1.15 0.00	66.63 1.24 0.00	58.71 1.21 0.00	54.21 1.43 0.00
FREEPORT_EQUUS_GT1 23764	106.70 5.84 -1.88	100.28 5.11 -5.56	103.25 4.25 -23.03	97.16 3.82 -23.89	100.30 3.51 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.49 4.72 -39.69	120.31 5.18 -37.78	114.74 4.83 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.99 6.56 -36.32	149.57 7.81 -41.67	132.58 7.71 -29.58	124.60 6.95 -30.79	122.02 5.99 -39.33	106.81 4.84 -36.58	97.64 4.37 -35.77	98.74 3.59 -42.37
FREEPORT___CT2 23818	106.70 5.84 -1.88	100.28 5.11 -5.56	103.25 4.25 -23.03	97.16 3.82 -23.89	100.30 3.51 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.49 4.72 -39.69	120.31 5.18 -37.78	114.74 4.83 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.99 6.56 -36.32	149.57 7.81 -41.67	132.58 7.71 -29.58	124.60 6.95 -30.79	122.02 5.99 -39.33	106.81 4.84 -36.58	97.64 4.37 -35.77	98.74 3.59 -42.37
FRESHKLS_33_KV_LOAD 356253	102.19 2.87 -0.34	70.43 2.06 21.24	78.78 1.82 -0.99	59.29 1.46 11.63	65.69 1.28 -0.58	69.97 1.42 -0.93	78.89 2.03 -4.23	83.80 3.04 -4.66	87.15 3.33 -6.48	56.58 3.08 19.76	55.61 2.56 12.47	58.46 2.95 16.32	57.14 2.87 12.55	64.23 2.99 5.25	69.27 3.05 0.00	58.56 3.15 16.19	95.40 4.96 -6.33	108.53 5.91 -2.53	109.25 6.00 -7.97	99.45 5.47 -7.12	85.94 4.76 -4.48	69.86 3.47 -1.01	60.67 3.16 -0.01	55.88 2.27 -0.83
FULTON COGEN____ 23766	96.01 -2.97 0.00	86.75 -2.87 0.00	73.54 -2.43 0.00	67.16 -2.29 0.00	61.73 -2.11 0.00	65.39 -2.23 0.00	70.23 -2.40 0.00	73.58 -2.51 0.00	74.79 -2.55 0.00	70.99 -2.27 0.00	63.55 -1.97 0.00	69.54 -2.30 0.00	64.68 -2.14 0.00	64.29 -2.19 0.00	64.04 -2.19 0.00	69.38 -2.22 0.00	81.50 -2.61 0.00	97.09 -3.00 0.00	92.52 -2.76 0.00	84.34 -2.52 0.00	74.48 -2.22 0.00	63.55 -1.83 0.00	55.83 -1.67 0.00	51.25 -1.53 0.00
FULTON___LFGE 323630	109.29 6.73 -3.57	104.40 5.91 -8.87	91.59 5.09 -10.53	93.00 4.58 -18.96	94.29 4.21 -26.24	82.73 4.53 -10.57	122.55 5.01 -44.91	131.13 5.48 -49.56	151.89 5.72 -68.83	155.24 5.20 -76.77	100.42 4.20 -30.71	76.52 4.60 -0.08	71.04 4.14 -0.08	70.55 4.06 0.00	70.34 4.11 0.00	76.61 5.01 0.00	101.71 6.56 -11.04	135.30 8.30 -26.91	187.94 8.00 -84.65	113.44 7.12 -19.46	103.26 6.14 -20.41	80.98 4.84 -10.76	61.72 4.14 -0.08	65.05 3.48 -8.79
G.F.CEMENT___DRP 24184	110.87 8.31 -3.57	105.92 7.44 -8.87	92.88 6.38 -10.53	94.18 5.76 -18.96	95.43 5.36 -26.23	83.87 5.68 -10.57	123.76 6.25 -44.89	132.40 6.77 -49.54	153.17 7.04 -68.79	156.81 6.81 -76.73	102.17 5.96 -30.69	78.24 6.32 -0.08	72.78 5.88 -0.08	72.21 5.72 0.00	71.99 5.76 0.00	78.11 6.52 0.00	102.96 7.82 -11.03	136.50 9.51 -26.90	189.04 9.15 -84.61	114.48 8.16 -19.45	104.24 7.13 -20.40	82.02 5.88 -10.75	62.70 5.12 -0.08	66.05 4.49 -8.78
GARDENVILLE___LBMP 24039	89.08 -9.90 0.00	80.38 -9.23 0.00	68.37 -7.60 0.00	62.37 -7.08 0.00	57.13 -6.70 0.00	60.46 -7.17 0.00	64.13 -8.50 0.00	66.97 -9.05 0.07	51.98 -8.97 16.39	48.97 -8.13 16.16	58.38 -7.08 0.07	54.80 -7.83 9.20	49.58 -7.82 9.42	47.75 -7.78 10.96	47.97 -7.75 10.51	63.58 -7.95 0.07	56.19 -10.09 17.83	67.83 -11.81 20.45	64.06 -11.34 19.89	59.03 -9.82 18.01	57.44 -8.51 10.75	57.39 -7.98 0.02	50.71 -6.79 0.00	47.61 -5.17 0.00
GARDNVLA_35_KV_LD 355827	89.38 -9.60 0.00	80.65 -8.96 0.00	68.60 -7.37 0.00	62.58 -6.88 0.00	57.32 -6.51 0.00	60.66 -6.97 0.00	64.35 -8.28 0.00	67.28 -8.75 0.05	55.38 -8.74 13.22	52.32 -7.91 13.03	58.65 -6.81 0.05	56.80 -7.61 7.42	51.60 -7.62 7.60	50.14 -7.51 8.84	50.27 -7.48 8.47	63.95 -7.59 0.05	59.98 -9.76 14.38	72.14 -11.41 16.54	68.24 -10.96 16.08	62.87 -9.47 14.53	59.83 -8.21 8.67	57.59 -7.78 0.02	50.89 -6.61 0.00	47.77 -5.01 0.00
GELCKHM___115KV_LOAD 80723	96.31 -2.67 0.00	86.93 -2.69 0.00	73.69 -2.28 0.00	67.30 -2.15 0.00	61.86 -1.98 0.00	65.53 -2.10 0.00	70.38 -2.25 0.00	73.73 -2.36 0.00	74.87 -2.48 0.00	71.07 -2.20 0.00	63.62 -1.90 0.00	69.68 -2.16 0.00	64.75 -2.07 0.00	64.43 -2.06 0.00	64.18 -2.05 0.00	69.52 -2.08 0.00	81.59 -2.52 0.00	97.29 -2.80 0.00	92.62 -2.67 0.00	84.43 -2.43 0.00	74.56 -2.15 0.00	63.55 -1.83 0.00	55.83 -1.67 0.00	51.30 -1.48 0.00
GENERAL___MILLS 23808	89.28 -9.70 0.00	80.47 -9.14 0.00	68.52 -7.44 0.00	62.51 -6.95 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.28 -8.35 0.00	67.21 -8.83 0.06	54.52 -8.74 14.08	51.47 -7.91 13.88	58.58 -6.88 0.06	56.32 -7.61 7.91	51.11 -7.62 8.10	49.49 -7.58 9.41	49.65 -7.55 9.03	63.88 -7.66 0.06	58.96 -9.84 15.31	70.98 -11.51 17.60	67.12 -11.05 17.11	61.83 -9.55 15.47	59.19 -8.28 9.23	57.52 -7.85 0.02	50.83 -6.67 0.00	47.71 -5.07 0.00
GE_PLASTICS___DRP 24183	103.37 2.97 -1.42	95.84 2.69 -3.53	82.44 2.28 -4.20	79.02 2.01 -7.55	76.14 1.85 -10.45	73.80 1.96 -4.21	92.55 2.03 -17.89	98.12 2.28 -19.74	107.08 2.32 -27.42	105.97 2.12 -30.58	79.72 1.97 -12.23	74.17 2.30 -0.03	68.99 2.14 -0.03	68.68 2.19 0.00	68.48 2.25 0.00	73.82 2.22 0.00	91.20 2.69 -4.40	113.71 2.90 -10.72	131.86 2.86 -33.72	97.31 2.69 -7.75	87.29 2.45 -8.13	71.76 2.09 -4.29	59.43 1.90 -0.03	58.02 1.74 -3.50
GILBOA___1 23756	101.47 2.28 -0.21	92.02 1.88 -0.52	78.19 1.60 -0.62	72.04 1.46 -1.12	66.66 1.28 -1.55	69.67 1.42 -0.62	76.88 1.60 -2.65	80.92 1.90 -2.93	83.50 2.09 -4.06	79.70 1.90 -4.53	68.97 1.64 -1.81	73.71 1.86 0.00	68.63 1.80 0.00	68.28 1.80 0.00	68.02 1.79 0.00	73.60 2.00 0.00	87.37 2.61 -0.65	104.68 3.00 -1.59	103.24 2.96 -5.00	90.79 2.78 -1.15	80.29 2.38 -1.21	67.98 1.96 -0.64	59.17 1.67 0.00	54.67 1.37 -0.52
GILBOA___2 23757	101.47 2.28 -0.21	92.02 1.88 -0.52	78.19 1.60 -0.62	72.04 1.46 -1.12	66.66 1.28 -1.55	69.67 1.42 -0.62	76.88 1.60 -2.65	80.92 1.90 -2.93	83.50 2.09 -4.06	79.70 1.90 -4.53	68.97 1.64 -1.81	73.71 1.86 0.00	68.63 1.80 0.00	68.28 1.80 0.00	68.02 1.79 0.00	73.60 2.00 0.00	87.37 2.61 -0.65	104.68 3.00 -1.59	103.24 2.96 -5.00	90.79 2.78 -1.15	80.29 2.38 -1.21	67.98 1.96 -0.64	59.17 1.67 0.00	54.67 1.37 -0.52

GILBOA___3 23758	101.47 2.28 -0.21	92.02 1.88 -0.52	78.19 1.60 -0.62	72.04 1.46 -1.12	66.66 1.28 -1.55	69.67 1.42 -0.62	76.88 1.60 -2.65	80.92 1.90 -2.93	83.50 2.09 -4.06	79.70 1.90 -4.53	68.97 1.64 -1.81	73.71 1.86 0.00	68.63 1.80 0.00	68.28 1.80 0.00	68.02 1.79 0.00	73.60 2.00 0.00	87.37 2.61 -0.65	104.68 3.00 -1.59	103.24 2.96 -5.00	90.79 2.78 -1.15	80.29 2.38 -1.21	67.98 1.96 -0.64	59.17 1.67 0.00	54.67 1.37 -0.52
GILBOA___4 23759	101.47 2.28 -0.21	92.02 1.88 -0.52	78.19 1.60 -0.62	72.04 1.46 -1.12	66.66 1.28 -1.55	69.67 1.42 -0.62	76.88 1.60 -2.65	80.92 1.90 -2.93	83.50 2.09 -4.06	79.70 1.90 -4.53	68.97 1.64 -1.81	73.71 1.86 0.00	68.63 1.80 0.00	68.28 1.80 0.00	68.02 1.79 0.00	73.60 2.00 0.00	87.37 2.61 -0.65	104.68 3.00 -1.59	103.24 2.96 -5.00	90.79 2.78 -1.15	80.29 2.38 -1.21	67.98 1.96 -0.64	59.17 1.67 0.00	54.67 1.37 -0.52
GILBOA___ 23599	101.37 2.18 -0.21	92.02 1.88 -0.52	78.18 1.60 -0.62	71.96 1.39 -1.12	66.66 1.28 -1.55	69.67 1.42 -0.62	76.88 1.60 -2.65	80.92 1.90 -2.93	83.50 2.09 -4.06	79.70 1.90 -4.53	68.97 1.64 -1.81	73.71 1.87 0.00	68.63 1.80 0.00	68.28 1.80 0.00	68.02 1.79 0.00	73.60 2.00 0.00	87.37 2.61 -0.65	104.68 3.00 -1.59	103.23 2.95 -5.00	90.79 2.78 -1.15	80.29 2.38 -1.21	67.92 1.90 -0.64	59.11 1.61 0.00	54.67 1.37 -0.52
GINNA___ 23603	89.78 -9.20 0.00	81.10 -8.52 0.00	68.75 -7.22 0.00	62.92 -6.53 0.00	57.71 -6.13 0.00	61.20 -6.43 0.00	65.37 -7.26 0.00	68.41 -7.68 0.00	68.84 -8.51 0.00	65.50 -7.77 0.00	59.23 -6.29 0.00	64.44 -7.40 0.00	59.74 -7.08 0.00	59.51 -6.98 0.00	59.14 -7.09 0.00	64.22 -7.37 0.00	74.86 -9.25 0.00	89.24 -10.81 0.03	85.06 -10.19 0.03	77.65 -9.21 0.00	68.65 -8.05 0.00	59.03 -6.34 0.01	51.98 -5.52 0.00	47.87 -4.91 0.00
GLEN PARK___ 23778	103.54 4.56 0.00	93.55 3.94 0.00	79.23 3.26 0.00	72.37 2.92 0.00	66.58 2.74 0.00	70.40 2.77 0.00	75.39 2.76 0.00	79.14 3.05 0.00	80.36 3.01 0.00	75.83 2.56 0.00	67.68 2.16 0.00	73.99 2.15 0.00	68.96 2.14 0.00	68.35 1.86 0.00	68.02 1.79 0.00	73.74 2.15 0.00	86.97 2.86 0.00	104.19 4.11 0.00	98.90 3.62 0.00	89.72 2.86 0.00	79.00 2.30 0.00	67.34 1.96 0.00	59.05 1.55 0.00	54.15 1.37 0.00
GLENDALE_27_KV_LOAD 356172	103.28 3.96 -0.34	93.67 3.23 -0.83	79.69 2.73 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.76 2.91 -4.23	84.56 3.80 -4.66	88.08 4.25 -6.48	84.37 3.88 -7.23	71.69 3.28 -2.89	75.65 3.81 -0.01	70.44 3.61 -0.01	70.21 3.72 0.00	70.00 3.78 0.00	75.54 3.94 0.00	90.79 5.64 -1.04	109.13 6.51 -2.53	109.83 6.57 -7.97	94.77 6.08 -1.83	83.92 5.29 -1.92	70.39 3.99 -1.01	60.96 3.45 -0.01	56.25 2.64 -0.83
GLENWOOD_IC_1_G5 23712	106.30 5.44 -1.88	99.84 4.66 -5.56	103.03 4.03 -23.03	96.89 3.54 -23.89	100.04 3.26 -32.95	102.82 3.45 -31.74	108.24 4.07 -31.55	120.57 4.79 -39.68	120.31 5.18 -37.78	114.74 4.84 -36.64	106.76 4.19 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.90 6.48 -36.32	149.47 7.71 -41.67	132.39 7.53 -29.58	124.51 6.86 -30.79	122.53 5.98 -39.84	106.74 4.77 -36.58	97.36 4.08 -35.77	98.47 3.33 -42.37
GLENWOOD_IC_2_G1 23688	106.30 5.44 -1.88	99.92 4.75 -5.56	102.95 3.95 -23.03	96.96 3.61 -23.89	100.04 3.25 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.50 4.72 -39.69	120.31 5.18 -37.78	114.74 4.83 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.82 6.39 -36.32	149.36 7.60 -41.67	132.39 7.53 -29.58	124.51 6.86 -30.79	123.03 5.91 -40.42	106.74 4.77 -36.58	97.36 4.08 -35.77	98.53 3.38 -42.37
GLENWOOD_IC_3_G1 23689	106.30 5.44 -1.88	99.92 4.75 -5.56	102.95 3.95 -23.03	96.96 3.61 -23.89	100.04 3.25 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.50 4.72 -39.69	120.31 5.18 -37.78	114.74 4.83 -36.64	106.69 4.13 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.82 6.39 -36.32	149.36 7.60 -41.67	132.39 7.53 -29.58	124.51 6.86 -30.79	123.03 5.91 -40.42	106.74 4.77 -36.58	97.36 4.08 -35.77	98.53 3.38 -42.37
GLENWOOD___4 23550	106.40 5.54 -1.88	99.93 4.75 -5.56	103.10 4.10 -23.03	96.96 3.61 -23.89	100.11 3.32 -32.95	102.95 3.58 -31.74	108.32 4.14 -31.55	120.64 4.87 -39.68	120.46 5.34 -37.78	114.82 4.91 -36.64	106.82 4.26 -37.04	101.71 4.81 -25.06	101.66 4.54 -30.29	105.40 4.59 -34.32	110.40 4.64 -39.54	120.77 5.01 -44.16	126.99 6.56 -36.32	149.57 7.81 -41.67	132.58 7.72 -29.58	124.60 6.95 -30.79	122.60 6.06 -39.84	106.81 4.84 -36.58	97.41 4.14 -35.77	98.53 3.38 -42.37
GLENWOOD___5 23614	106.40 5.54 -1.88	99.93 4.75 -5.56	103.10 4.10 -23.03	96.96 3.61 -23.89	100.11 3.32 -32.95	102.95 3.58 -31.74	108.32 4.14 -31.55	120.64 4.87 -39.68	120.46 5.34 -37.78	114.82 4.91 -36.64	106.82 4.26 -37.04	101.71 4.81 -25.06	101.66 4.54 -30.29	105.40 4.59 -34.32	110.40 4.64 -39.54	120.77 5.01 -44.16	126.99 6.56 -36.32	149.57 7.81 -41.67	132.58 7.72 -29.58	124.60 6.95 -30.79	122.60 6.06 -39.84	106.81 4.84 -36.58	97.41 4.14 -35.77	98.53 3.38 -42.37
GLOBAL GREEN_PORT_GT1 23814	109.07 8.21 -1.88	102.71 7.53 -5.56	105.69 6.69 -23.03	99.67 6.32 -23.89	102.86 6.07 -32.95	106.13 6.76 -31.74	111.59 7.41 -31.55	124.52 8.75 -39.69	124.33 9.20 -37.78	118.33 8.42 -36.64	109.58 7.01 -37.04	104.59 7.69 -25.06	104.27 7.15 -30.29	107.93 7.12 -34.32	112.53 6.76 -39.54	123.07 7.31 -44.16	129.52 9.09 -36.32	152.97 11.21 -41.67	134.68 9.82 -29.58	126.25 8.60 -30.79	123.83 7.05 -40.07	107.65 5.69 -36.58	98.04 4.77 -35.77	99.74 4.59 -42.37
GLOBE___DSASP 323697	86.21 -12.77 0.00	77.87 -11.74 0.00	66.47 -9.50 0.00	60.70 -8.75 0.00	55.66 -8.17 0.00	58.83 -8.79 0.00	62.24 -10.39 0.00	64.10 -11.95 0.04	55.08 -11.45 10.81	52.20 -10.40 10.66	56.17 -9.30 0.04	55.71 -10.06 6.07	50.65 -9.96 6.21	49.49 -9.77 7.23	49.56 -9.74 6.93	60.81 -10.74 0.04	59.48 -12.87 11.76	71.27 -15.31 13.50	67.57 -14.58 13.13	62.30 -12.68 11.88	58.57 -11.05 7.09	55.37 -10.00 0.02	49.16 -8.34 0.00	46.40 -6.39 0.00
GOETHSLN___LBMP 323567	76.97 3.07 25.08	70.87 2.51 21.25	79.16 2.20 -0.99	59.63 1.81 11.63	66.06 1.66 -0.57	70.44 1.89 -0.92	79.25 2.40 -4.23	83.87 3.12 -4.66	87.38 3.56 -6.48	56.71 3.22 19.77	55.73 2.69 12.48	58.67 3.16 16.33	57.26 3.01 12.56	64.29 3.06 5.26	65.50 3.11 3.84	58.70 3.29 16.19	52.38 4.63 36.35	45.86 5.50 59.73	46.65 5.53 54.16	53.22 5.04 38.68	52.46 4.30 28.54	63.99 3.40 4.79	60.38 2.87 -0.01	55.77 2.16 -0.83
GOLAH___69_KV_TB 1_2 80279	92.15 -6.83 0.00	83.16 -6.45 0.00	70.65 -5.32 0.00	64.66 -4.79 0.00	59.37 -4.47 0.00	62.82 -4.80 0.00	67.04 -5.59 0.00	69.55 -6.54 0.00	70.42 -6.96 -0.03	67.07 -6.23 -0.03	60.54 -5.96 0.00	65.89 -5.95 -0.02	60.89 -5.95 -0.02	60.59 -5.92 -0.02	60.29 -5.96 -0.02	65.51 -6.09 0.00	76.41 -7.74 -0.04	91.19 -8.91 -0.01	86.81 -8.48 -0.01	79.51 -7.38 -0.04	70.28 -6.44 -0.02	60.08 -5.30 0.01	53.07 -4.43 0.00	49.46 -3.33 0.00

GOODYEAR_LAKE_HYD 323669	103.45 3.37 -1.10	95.21 2.87 -2.73	81.64 2.43 -3.24	77.37 2.08 -5.84	73.82 1.92 -8.07	73.04 2.16 -3.25	88.84 2.40 -13.82	94.23 2.89 -15.25	101.62 3.09 -21.18	99.74 2.86 -23.62	77.26 2.29 -9.45	74.38 2.51 -0.02	69.18 2.34 -0.02	68.68 2.19 0.00	68.41 2.19 0.00	74.18 2.58 0.00	90.96 3.45 -3.40	112.90 4.50 -8.30	125.54 4.19 -26.07	96.50 3.65 -5.99	86.05 3.07 -6.28	71.05 2.35 -3.31	59.42 1.90 -0.02	57.07 1.58 -2.70
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	97.84 -1.29 -0.15	88.64 -1.34 -0.37	75.27 -1.14 -0.44	69.07 -1.18 -0.79	63.85 -1.09 -1.10	66.92 -1.15 -0.44	73.20 -1.31 -1.88	77.10 -1.07 -2.07	79.22 -1.01 -2.88	75.60 -0.88 -3.21	65.89 -0.92 -1.29	70.91 -0.93 0.00	65.82 -1.00 0.00	65.49 -1.00 0.00	65.23 -0.99 0.00	70.74 -0.86 0.00	83.65 -0.93 -0.46	100.37 -0.90 -1.18	98.02 -0.86 -3.60	86.98 -0.69 -0.81	76.94 -0.61 -0.85	64.85 -0.98 -0.44	56.58 -0.92 0.00	52.41 -0.74 -0.37
GOUDEY___7 23579	97.84 -1.29 -0.15	88.64 -1.34 -0.37	75.27 -1.14 -0.44	69.07 -1.18 -0.79	63.85 -1.09 -1.10	66.92 -1.15 -0.44	73.20 -1.31 -1.88	77.10 -1.07 -2.07	79.22 -1.01 -2.88	75.60 -0.88 -3.21	65.89 -0.92 -1.29	70.91 -0.93 0.00	65.82 -1.00 0.00	65.49 -1.00 0.00	65.23 -0.99 0.00	70.74 -0.86 0.00	83.65 -0.93 -0.46	100.37 -0.90 -1.18	98.02 -0.86 -3.60	86.98 -0.69 -0.81	76.94 -0.61 -0.85	64.85 -0.98 -0.44	56.58 -0.92 0.00	52.41 -0.74 -0.37
GOUDEY___8 23580	97.84 -1.29 -0.15	88.64 -1.34 -0.37	75.27 -1.14 -0.44	69.07 -1.18 -0.79	63.85 -1.09 -1.10	66.92 -1.15 -0.44	73.20 -1.31 -1.88	77.10 -1.07 -2.07	79.22 -1.01 -2.88	75.60 -0.88 -3.21	65.89 -0.92 -1.29	70.91 -0.93 0.00	65.82 -1.00 0.00	65.49 -1.00 0.00	65.23 -0.99 0.00	70.74 -0.86 0.00	83.65 -0.93 -0.46	100.37 -0.90 -1.18	98.02 -0.86 -3.60	86.98 -0.69 -0.81	76.94 -0.61 -0.85	64.85 -0.98 -0.44	56.58 -0.92 0.00	52.41 -0.74 -0.37
GOWANUS_GT1_1 24077	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT1_2 24078	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT1_3 24079	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT1_4 24080	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT1_5 24084	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT1_6 24111	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT1_7 24112	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT1_8 24113	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT2_1 24114	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT2_2 24115	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT2_3 24116	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83

GOWANUS_GT2_4 24117	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT2_5 24118	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT2_6 24119	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT2_7 24120	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT2_8 24121	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_1 24122	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_2 24123	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_3 24124	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_4 24125	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_5 24126	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_6 24127	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_7 24128	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT3_8 24129	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
GOWANUS_GT4_1 24130	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT4_2 24131	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83

GOWANUS_GT4_3 24132	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT4_4 24133	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT4_5 24134	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT4_6 24135	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT4_7 24136	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GOWANUS_GT4_8 24137	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GREENBSH_115KV_TB3 55895	104.01 3.17 -1.86	97.10 2.87 -4.61	83.88 2.43 -5.48	81.47 2.15 -9.87	79.47 1.98 -13.65	75.22 2.10 -5.50	98.10 2.11 -23.36	104.16 2.28 -25.79	115.47 2.32 -35.81	115.40 2.20 -39.94	83.59 2.10 -15.97	74.32 2.44 -0.04	69.13 2.27 -0.04	68.82 2.33 0.00	68.55 2.32 0.00	73.82 2.22 0.00	92.46 2.61 -5.74	116.79 2.70 -14.00	141.90 2.57 -44.04	99.59 2.61 -10.12	89.70 2.38 -10.62	73.14 2.16 -5.60	59.44 1.90 -0.04	59.25 1.90 -4.57
GREENDGE_115KV_TB5 80291	96.10 -2.97 -0.08	87.40 -2.42 -0.21	74.09 -2.13 -0.25	67.82 -2.08 -0.45	62.41 -2.04 -0.62	65.78 -2.10 -0.25	71.29 -2.40 -1.06	74.91 -2.43 -1.25	95.57 -3.09 -21.32	92.08 -2.42 -21.23	64.10 -2.23 -0.81	80.31 -2.59 -11.06	75.47 -2.67 -11.32	76.93 -2.73 -13.16	76.14 -2.72 -12.62	69.17 -2.51 -0.08	102.00 -3.79 -21.68	121.37 -4.80 -26.09	117.66 -4.38 -26.76	105.57 -3.39 -22.10	87.87 -2.22 -13.40	63.30 -2.29 -0.20	55.43 -2.07 0.00	51.41 -1.58 -0.21
GREENIDGE___3 23582	96.10 -2.97 -0.08	87.40 -2.42 -0.21	74.09 -2.13 -0.25	67.82 -2.08 -0.45	62.41 -2.04 -0.62	65.78 -2.10 -0.25	71.29 -2.40 -1.06	74.91 -2.43 -1.25	95.57 -3.09 -21.32	92.08 -2.42 -21.23	64.10 -2.23 -0.81	80.31 -2.59 -11.06	75.47 -2.67 -11.32	76.93 -2.73 -13.16	76.14 -2.72 -12.62	69.17 -2.51 -0.08	102.00 -3.79 -21.68	121.37 -4.80 -26.09	117.66 -4.38 -26.76	105.57 -3.39 -22.10	87.87 -2.22 -13.40	63.30 -2.29 -0.20	55.43 -2.07 0.00	51.41 -1.58 -0.21
GREENIDGE___4 23583	96.00 -3.07 -0.08	87.32 -2.51 -0.21	74.01 -2.21 -0.25	67.68 -2.23 -0.45	62.41 -2.05 -0.62	65.71 -2.17 -0.25	71.30 -2.39 -1.06	74.91 -2.44 -1.25	95.57 -3.10 -21.32	92.08 -2.42 -21.23	64.10 -2.23 -0.81	80.31 -2.58 -11.06	75.47 -2.67 -11.32	76.92 -2.73 -13.16	76.13 -2.72 -12.62	69.17 -2.51 -0.08	102.01 -3.78 -21.68	121.38 -4.80 -26.09	117.66 -4.38 -26.76	105.57 -3.39 -22.10	87.87 -2.23 -13.40	63.43 -2.16 -0.20	55.55 -1.96 0.00	51.30 -1.69 -0.21
GREENLWN_69_KV_BK 3 55738	106.90 6.04 -1.88	100.47 5.29 -5.56	103.48 4.48 -23.03	97.30 3.96 -23.89	100.49 3.70 -32.95	103.36 3.99 -31.74	108.75 4.58 -31.55	121.18 5.40 -39.68	120.85 5.72 -37.78	115.26 5.35 -36.64	107.22 4.65 -37.04	102.14 5.24 -25.06	102.06 4.94 -30.29	105.80 4.99 -34.32	110.80 5.03 -39.54	121.20 5.44 -44.16	127.49 7.07 -36.32	150.17 8.41 -41.67	133.15 8.29 -29.58	125.20 7.56 -30.79	123.26 6.52 -40.03	107.20 5.23 -36.58	97.76 4.48 -35.77	98.84 3.69 -42.37
GREENWD_138_KV_38B11_REV_LBMP_J 345004	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83
GRISSOM___SOLAR 323813	109.14 6.53 -3.63	104.37 5.74 -9.01	91.60 4.94 -10.70	93.17 4.45 -19.27	94.58 4.09 -26.66	82.76 4.39 -10.74	123.12 4.87 -45.63	131.77 5.32 -50.35	152.84 5.57 -69.92	156.31 5.05 -77.99	100.85 4.13 -31.20	76.44 4.53 -0.08	70.98 4.08 -0.08	70.55 4.06 0.00	70.34 4.11 0.00	76.53 4.94 0.00	101.63 6.31 -11.21	135.44 8.01 -27.34	189.00 7.71 -86.00	113.49 6.86 -19.77	103.43 5.99 -20.74	81.03 4.71 -10.93	61.66 4.08 -0.08	65.14 3.43 -8.93
GROVEVILLE___HYD 323602	104.18 4.85 -0.35	94.69 4.21 -0.87	80.57 3.57 -1.03	74.50 3.19 -1.85	69.33 2.94 -2.56	71.83 3.18 -1.03	80.64 3.63 -4.38	85.26 4.34 -4.83	88.70 4.64 -6.71	85.07 4.32 -7.49	72.18 3.67 -2.99	75.94 4.09 -0.01	70.70 3.88 -0.01	70.41 3.92 0.00	70.20 3.97 0.00	76.04 4.44 0.00	90.91 5.72 -1.08	109.52 6.81 -2.62	110.21 6.67 -8.26	94.92 6.17 -1.90	83.91 5.22 -1.99	70.62 4.18 -1.05	61.13 3.62 -0.01	56.49 2.85 -0.86
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	96.70 -2.28 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.80 -1.83 0.00	70.67 -1.96 0.00	74.11 -1.98 0.00	75.18 -2.17 0.00	71.43 -1.83 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.69 -1.79 0.00	64.44 -1.79 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.82 -1.57 0.00	56.06 -1.44 0.00	51.46 -1.32 0.00

HAMLTNNY_34_KV_TB 80303	97.00 -1.98 0.00	87.64 -1.97 0.00	74.22 -1.75 0.00	67.79 -1.67 0.00	62.30 -1.53 0.00	66.00 -1.62 0.00	70.96 -1.67 0.00	74.34 -1.75 0.00	75.49 -1.86 0.00	71.65 -1.61 0.00	64.14 -1.38 0.00	70.26 -1.58 0.00	65.22 -1.60 0.00	64.89 -1.60 0.00	64.64 -1.59 0.00	70.02 -1.58 0.00	82.26 -1.85 0.00	97.99 -2.10 0.00	93.38 -1.91 0.00	85.12 -1.74 0.00	75.17 -1.53 0.00	64.01 -1.37 0.00	56.23 -1.27 0.00	51.67 -1.11 0.00
HAMPSHIRE___PAPER_HYD 323593	101.65 2.67 0.00	92.21 2.60 0.00	78.24 2.28 0.00	71.61 2.16 0.00	65.75 1.91 0.00	69.32 1.69 0.00	74.22 1.60 0.00	77.38 1.29 0.00	78.51 1.16 0.00	74.36 1.10 0.00	66.44 0.92 0.00	72.84 1.01 0.00	67.82 1.00 0.00	67.35 0.86 0.00	67.03 0.80 0.00	72.10 0.50 0.00	84.36 0.25 0.00	100.59 0.50 0.00	95.48 0.19 0.00	86.86 0.00 0.00	76.70 0.00 0.00	65.58 0.20 0.00	57.85 0.35 0.00	53.31 0.53 0.00
HARDSCRABBLE_WT_PWR 323673	107.69 8.71 0.00	97.32 7.71 0.00	82.27 6.30 0.00	74.80 5.35 0.00	68.37 4.53 0.00	71.82 4.19 0.00	76.40 3.77 0.00	79.52 3.43 0.00	80.59 3.25 0.00	76.34 3.08 0.00	68.27 2.75 0.00	74.71 2.88 0.00	69.56 2.74 0.00	68.95 2.46 0.00	68.55 2.32 0.00	74.25 2.65 0.00	87.48 3.37 0.00	104.39 4.30 0.00	99.47 4.19 0.00	90.94 4.08 0.00	80.69 3.99 0.00	69.31 3.92 0.00	61.12 3.62 0.00	56.32 3.54 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	102.86 3.56 -0.31	93.44 3.05 -0.78	79.48 2.58 -0.93	73.42 2.29 -1.67	68.19 2.04 -2.31	70.86 2.30 -0.93	79.27 2.69 -3.95	83.72 3.27 -4.36	87.04 3.64 -6.06	83.39 3.37 -6.76	71.04 2.82 -2.70	75.00 3.16 -0.01	69.83 3.01 -0.01	69.55 3.06 0.00	69.34 3.11 0.00	75.03 3.44 0.00	89.71 4.63 -0.97	107.96 5.50 -2.37	108.17 5.43 -7.45	93.52 4.95 -1.71	82.80 4.30 -1.80	69.73 3.40 -0.95	60.38 2.87 -0.01	55.77 2.22 -0.77
HARSNRAD_115KV_TB1 81005	87.00 -11.98 0.00	78.50 -11.11 0.00	66.93 -9.04 0.00	61.12 -8.33 0.00	56.05 -7.79 0.00	59.31 -8.32 0.00	62.90 -9.73 0.00	65.09 -10.96 0.04	55.87 -10.91 10.57	52.88 -9.96 10.42	56.89 -8.58 0.04	56.27 -9.63 5.94	51.25 -9.49 6.08	50.11 -9.31 7.07	50.11 -9.34 6.78	61.67 -9.88 0.04	60.25 -12.36 11.49	71.97 -14.51 13.60	68.14 -13.91 13.23	63.09 -12.16 11.61	59.19 -10.59 6.93	56.02 -9.35 0.02	49.68 -7.82 0.00	46.76 -6.02 0.00
HARZA MOOSE___RIVER 24016	102.44 3.46 0.00	92.66 3.05 0.00	78.55 2.58 0.00	71.75 2.29 0.00	66.00 2.17 0.00	69.86 2.23 0.00	74.81 2.18 0.00	78.37 2.28 0.00	79.59 2.24 0.00	75.02 1.76 0.00	67.03 1.51 0.00	73.42 1.58 0.00	68.42 1.60 0.00	67.88 1.40 0.00	67.55 1.32 0.00	73.10 1.50 0.00	85.96 1.85 0.00	102.59 2.50 0.00	97.48 2.19 0.00	88.60 1.74 0.00	78.16 1.46 0.00	66.63 1.24 0.00	58.42 0.92 0.00	53.68 0.90 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	96.31 -2.67 0.00	87.10 -2.51 0.00	73.76 -2.20 0.00	67.37 -2.08 0.00	61.92 -1.92 0.00	65.60 -2.03 0.00	70.45 -2.18 0.00	73.88 -2.21 0.00	75.02 -2.32 0.00	71.21 -2.05 0.00	63.75 -1.77 0.00	69.83 -2.01 0.00	64.88 -1.94 0.00	64.49 -1.99 0.00	64.24 -1.99 0.00	69.66 -1.93 0.00	81.76 -2.36 0.00	97.49 -2.60 0.00	92.81 -2.48 0.00	84.60 -2.26 0.00	74.71 -1.99 0.00	63.62 -1.77 0.00	55.95 -1.55 0.00	51.36 -1.43 0.00
HELLGATE_13_KV_LD 55870	102.78 3.46 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.09 1.79 -2.47	70.58 1.96 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.36 2.95 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.63 6.01 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	83.53 4.91 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	102.78 3.46 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.09 1.79 -2.47	70.58 1.96 -1.00	79.40 2.54 -4.23	84.18 3.42 -4.66	87.61 3.79 -6.48	84.01 3.52 -7.23	71.36 2.95 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.63 6.01 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	83.53 4.91 -1.92	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
HEMPSTEAD____ 23647	106.10 5.24 -1.88	99.75 4.57 -5.56	102.80 3.80 -23.03	96.82 3.47 -23.89	99.92 3.13 -32.95	102.68 3.31 -31.74	108.10 3.92 -31.55	120.26 4.49 -39.69	120.15 5.02 -37.78	114.53 4.62 -36.64	106.56 4.00 -37.04	101.43 4.53 -25.06	101.39 4.28 -30.29	105.13 4.32 -34.32	110.14 4.37 -39.54	120.48 4.72 -44.16	126.65 6.22 -36.32	149.17 7.41 -41.67	132.20 7.34 -29.58	124.25 6.60 -30.79	122.00 5.76 -39.54	106.61 4.64 -36.58	97.30 4.02 -35.77	98.42 3.27 -42.37
HEWLETT_69_KV_BK3 55828	106.80 5.94 -1.88	100.29 5.11 -5.56	103.33 4.33 -23.03	97.24 3.89 -23.89	100.36 3.57 -32.95	103.16 3.79 -31.74	108.61 4.43 -31.55	120.80 5.02 -39.68	120.62 5.49 -37.78	115.04 5.13 -36.64	106.95 4.39 -37.04	101.93 5.03 -25.06	101.79 4.68 -30.29	105.60 4.79 -34.32	110.60 4.83 -39.54	120.92 5.16 -44.16	126.90 6.48 -36.32	149.47 7.71 -41.67	132.48 7.62 -29.58	124.77 7.12 -30.79	120.31 6.21 -37.39	107.00 5.03 -36.58	97.59 4.31 -35.77	98.69 3.54 -42.37
HICKLING___1 23621	95.82 -3.27 -0.11	86.75 -3.14 -0.27	73.55 -2.73 -0.32	67.32 -2.71 -0.58	62.02 -2.62 -0.80	65.17 -2.77 -0.32	70.80 -3.20 -1.37	74.58 -3.04 -1.54	83.83 -3.09 -9.58	80.34 -2.64 -9.72	63.80 -2.69 -0.96	73.17 -2.87 -4.21	68.25 -2.87 -4.31	68.57 -2.93 -5.01	68.11 -2.91 -4.80	68.84 -2.79 -0.03	89.31 -3.28 -8.48	106.87 -3.80 -10.58	103.93 -3.43 -12.07	92.73 -2.95 -8.82	79.78 -2.45 -5.53	62.79 -2.88 -0.28	54.91 -2.59 0.00	51.04 -2.01 -0.27
HICKLING___2 23622	95.82 -3.27 -0.11	86.75 -3.14 -0.27	73.55 -2.73 -0.32	67.32 -2.71 -0.58	62.02 -2.62 -0.80	65.17 -2.77 -0.32	70.80 -3.20 -1.37	74.58 -3.04 -1.54	83.83 -3.09 -9.58	80.34 -2.64 -9.72	63.80 -2.69 -0.96	73.17 -2.87 -4.21	68.25 -2.87 -4.31	68.57 -2.93 -5.01	68.11 -2.91 -4.80	68.84 -2.79 -0.03	89.31 -3.28 -8.48	106.87 -3.80 -10.58	103.93 -3.43 -12.07	92.73 -2.95 -8.82	79.78 -2.45 -5.53	62.79 -2.88 -0.28	54.91 -2.59 0.00	51.04 -2.01 -0.27
HIGH FALLS___HY 23754	104.11 4.65 -0.48	94.84 4.03 -1.19	80.73 3.34 -1.42	75.00 2.99 -2.55	70.05 2.68 -3.54	72.09 3.04 -1.42	82.24 3.56 -6.05	87.03 4.26 -6.68	91.18 4.56 -9.27	87.71 4.10 -10.34	73.00 3.34 -4.14	75.44 3.59 -0.01	70.24 3.41 -0.01	69.88 3.39 0.00	69.80 3.58 0.00	75.68 4.08 0.00	91.15 5.55 -1.49	110.52 6.81 -3.63	113.45 6.77 -11.40	95.65 6.17 -2.62	84.59 5.14 -2.75	70.89 4.05 -1.45	60.90 3.39 -0.01	56.60 2.64 -1.18
HIGH_RIVER___SOLAR 323847	107.17 4.35 -3.84	102.98 3.85 -9.52	90.54 3.26 -11.30	92.79 2.98 -20.36	94.74 2.74 -28.17	81.88 2.91 -11.35	124.10 3.27 -48.20	132.86 3.58 -53.20	154.93 3.71 -73.87	158.96 3.30 -82.40	101.23 2.75 -32.96	74.87 2.95 -0.08	69.58 2.68 -0.08	69.15 2.66 0.00	68.94 2.72 0.00	74.89 3.30 0.00	100.33 4.37 -11.84	134.38 5.40 -28.89	191.38 5.24 -90.85	112.43 4.69 -20.89	102.75 4.14 -21.91	80.20 3.27 -11.55	60.40 2.82 -0.08	64.59 2.38 -9.43

HILLBURN___GT 23639	102.56 3.26 -0.32	93.09 2.69 -0.79	79.18 2.28 -0.94	73.16 2.02 -1.69	68.03 1.85 -2.34	70.60 2.03 -0.94	79.11 2.47 -4.01	83.48 2.96 -4.42	86.89 3.40 -6.14	83.26 3.15 -6.85	70.88 2.62 -2.74	74.86 3.02 -0.01	69.70 2.87 -0.01	69.41 2.92 0.00	69.21 2.98 0.00	74.82 3.22 0.00	89.47 4.37 -0.99	107.69 5.20 -2.40	107.98 5.14 -7.56	93.28 4.69 -1.74	82.59 4.06 -1.82	69.61 3.27 -0.96	60.27 2.76 -0.01	55.73 2.16 -0.78
HILLSIDE_115KV_TB1 80332	94.74 -4.36 -0.11	85.77 -4.12 -0.28	72.88 -3.42 -0.33	66.72 -3.33 -0.60	61.54 -3.13 -0.83	64.65 -3.31 -0.33	70.27 -3.78 -1.42	74.11 -3.58 -1.59	81.88 -3.48 -8.01	78.37 -3.08 -8.18	63.50 -3.01 -1.00	71.96 -3.16 -3.28	67.04 -3.14 -3.36	67.20 -3.19 -3.90	66.79 -3.18 -3.74	68.47 -3.15 -0.02	87.11 -3.70 -6.70	104.36 -4.20 -8.47	101.37 -4.00 -10.09	90.50 -3.39 -7.03	78.26 -2.91 -4.47	62.41 -3.27 -0.29	54.57 -2.93 0.00	50.63 -2.43 -0.28
HISHELDN_WT_PWR 323625	89.88 -9.10 0.00	81.01 -8.60 0.00	68.75 -7.22 0.00	62.58 -6.88 0.00	57.39 -6.44 0.00	60.59 -7.03 0.00	64.42 -8.21 0.00	67.26 -8.68 0.15	31.53 -8.97 36.85	28.66 -8.28 36.32	58.03 -7.34 0.15	43.11 -8.04 20.69	37.69 -7.95 21.18	33.94 -7.91 24.63	34.73 -7.88 23.62	63.28 -8.16 0.15	33.86 -10.18 40.07	41.12 -11.91 47.05	38.09 -11.44 45.76	36.47 -9.90 40.49	44.03 -8.52 24.16	57.65 -7.72 0.02	51.00 -6.50 0.00	47.40 -5.38 0.00
HOLTSVILLE_IC_1 23690	107.29 6.43 -1.88	100.83 5.65 -5.56	103.71 4.71 -23.03	97.72 4.38 -23.89	100.81 4.02 -32.95	103.76 4.39 -31.74	109.04 4.87 -31.55	121.49 5.71 -39.69	121.24 6.11 -37.78	115.47 5.57 -36.64	107.28 4.72 -37.04	102.29 5.39 -25.06	102.13 5.01 -30.29	105.86 5.05 -34.32	110.74 4.97 -39.54	121.27 5.51 -44.16	127.74 7.31 -36.32	150.37 8.61 -41.67	133.34 8.48 -29.58	125.38 7.73 -30.79	123.30 6.52 -40.08	107.26 5.29 -36.58	97.88 4.60 -35.77	99.16 4.01 -42.37
HOLTSVILLE_IC_10 23699	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.13 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.41 5.23 -31.55	121.94 6.16 -39.69	121.70 6.57 -37.78	115.92 6.01 -36.64	107.68 5.11 -37.04	102.65 5.75 -25.06	102.52 5.41 -30.29	106.26 5.45 -34.32	111.13 5.36 -39.54	121.78 6.02 -44.16	128.33 7.90 -36.32	151.17 9.41 -41.67	134.10 9.24 -29.58	125.99 8.34 -30.79	123.82 7.05 -40.06	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
HOLTSVILLE_IC_2 23691	107.29 6.43 -1.88	100.83 5.65 -5.56	103.71 4.71 -23.03	97.72 4.38 -23.89	100.81 4.02 -32.95	103.76 4.39 -31.74	109.04 4.87 -31.55	121.49 5.71 -39.69	121.24 6.11 -37.78	115.47 5.57 -36.64	107.28 4.72 -37.04	102.29 5.39 -25.06	102.13 5.01 -30.29	105.86 5.05 -34.32	110.74 4.97 -39.54	121.27 5.51 -44.16	127.74 7.31 -36.32	150.37 8.61 -41.67	133.34 8.48 -29.58	125.38 7.73 -30.79	123.30 6.52 -40.08	107.26 5.29 -36.58	97.88 4.60 -35.77	99.16 4.01 -42.37
HOLTSVILLE_IC_3 23692	107.29 6.43 -1.88	100.83 5.65 -5.56	103.71 4.71 -23.03	97.72 4.38 -23.89	100.81 4.02 -32.95	103.76 4.39 -31.74	109.04 4.87 -31.55	121.49 5.71 -39.69	121.24 6.11 -37.78	115.47 5.57 -36.64	107.28 4.72 -37.04	102.29 5.39 -25.06	102.13 5.01 -30.29	105.86 5.05 -34.32	110.74 4.97 -39.54	121.27 5.51 -44.16	127.74 7.31 -36.32	150.37 8.61 -41.67	133.34 8.48 -29.58	125.38 7.73 -30.79	123.30 6.52 -40.08	107.26 5.29 -36.58	97.88 4.60 -35.77	99.16 4.01 -42.37
HOLTSVILLE_IC_4 23693	107.29 6.43 -1.88	100.83 5.65 -5.56	103.71 4.71 -23.03	97.72 4.38 -23.89	100.81 4.02 -32.95	103.76 4.39 -31.74	109.04 4.87 -31.55	121.49 5.71 -39.69	121.24 6.11 -37.78	115.47 5.57 -36.64	107.28 4.72 -37.04	102.29 5.39 -25.06	102.13 5.01 -30.29	105.86 5.05 -34.32	110.74 4.97 -39.54	121.27 5.51 -44.16	127.74 7.31 -36.32	150.37 8.61 -41.67	133.34 8.48 -29.58	125.38 7.73 -30.79	123.30 6.52 -40.08	107.26 5.29 -36.58	97.88 4.60 -35.77	99.16 4.01 -42.37
HOLTSVILLE_IC_5 23694	107.29 6.43 -1.88	100.83 5.65 -5.56	103.71 4.71 -23.03	97.72 4.38 -23.89	100.81 4.02 -32.95	103.76 4.39 -31.74	109.04 4.87 -31.55	121.49 5.71 -39.69	121.24 6.11 -37.78	115.47 5.57 -36.64	107.28 4.72 -37.04	102.29 5.39 -25.06	102.13 5.01 -30.29	105.86 5.05 -34.32	110.74 4.97 -39.54	121.27 5.51 -44.16	127.74 7.31 -36.32	150.37 8.61 -41.67	133.34 8.48 -29.58	125.38 7.73 -30.79	123.30 6.52 -40.08	107.26 5.29 -36.58	97.88 4.60 -35.77	99.16 4.01 -42.37
HOLTSVILLE_IC_6 23695	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.13 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.41 5.23 -31.55	121.94 6.16 -39.69	121.70 6.57 -37.78	115.92 6.01 -36.64	107.68 5.11 -37.04	102.65 5.75 -25.06	102.52 5.41 -30.29	106.26 5.45 -34.32	111.13 5.36 -39.54	121.78 6.02 -44.16	128.33 7.90 -36.32	151.17 9.41 -41.67	134.10 9.24 -29.58	125.99 8.34 -30.79	123.82 7.05 -40.06	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
HOLTSVILLE_IC_7 23696	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.13 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.41 5.23 -31.55	121.94 6.16 -39.69	121.70 6.57 -37.78	115.92 6.01 -36.64	107.68 5.11 -37.04	102.65 5.75 -25.06	102.52 5.41 -30.29	106.26 5.45 -34.32	111.13 5.36 -39.54	121.78 6.02 -44.16	128.33 7.90 -36.32	151.17 9.41 -41.67	134.10 9.24 -29.58	125.99 8.34 -30.79	123.82 7.05 -40.06	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
HOLTSVILLE_IC_8 23697	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.13 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.41 5.23 -31.55	121.94 6.16 -39.69	121.70 6.57 -37.78	115.92 6.01 -36.64	107.68 5.11 -37.04	102.65 5.75 -25.06	102.52 5.41 -30.29	106.26 5.45 -34.32	111.13 5.36 -39.54	121.78 6.02 -44.16	128.33 7.90 -36.32	151.17 9.41 -41.67	134.10 9.24 -29.58	125.99 8.34 -30.79	123.82 7.05 -40.06	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
HOLTSVILLE_IC_9 23698	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.13 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.41 5.23 -31.55	121.94 6.16 -39.69	121.70 6.57 -37.78	115.92 6.01 -36.64	107.68 5.11 -37.04	102.65 5.75 -25.06	102.52 5.41 -30.29	106.26 5.45 -34.32	111.13 5.36 -39.54	121.78 6.02 -44.16	128.33 7.90 -36.32	151.17 9.41 -41.67	134.10 9.24 -29.58	125.99 8.34 -30.79	123.82 7.05 -40.06	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
HOMER_HL_115KV_TB2 355744	89.58 -9.40 0.00	80.74 -8.87 0.00	68.60 -7.37 0.00	62.58 -6.88 0.00	57.32 -6.51 0.00	60.66 -6.97 0.00	64.57 -8.06 0.00	69.46 -6.62 0.01	68.53 -5.57 3.25	65.08 -4.98 3.20	60.33 -5.18 0.01	65.20 -4.81 1.82	60.01 -4.94 1.87	59.33 -4.99 2.17	59.18 -4.97 2.08	66.50 -5.08 0.01	74.44 -6.14 3.53	89.07 -7.21 3.81	84.62 -6.96 3.71	77.47 -5.82 3.57	69.51 -5.06 2.13	58.50 -6.87 0.02	51.86 -5.64 0.00	48.30 -4.49 0.00
HOWARD_WT_PWR 323690	95.21 -3.86 -0.09	85.99 -3.85 -0.22	72.89 -3.34 -0.26	66.53 -3.40 -0.47	61.11 -3.39 -0.66	64.17 -3.72 -0.26	69.18 -4.57 -1.12	72.78 -4.72 -1.41	115.35 -5.18 -43.18	111.15 -4.91 -42.79	61.54 -4.92 -0.94	89.73 -5.39 -23.28	84.91 -5.75 -23.83	88.55 -5.65 -27.72	87.18 -5.63 -26.58	66.11 -5.66 -0.17	122.75 -6.73 -45.37	146.54 -7.81 -54.26	142.18 -7.33 -54.23	126.82 -6.08 -46.05	99.57 -4.83 -27.70	60.90 -4.71 -0.22	53.48 -4.03 0.00	49.78 -3.22 -0.22

HQ_GEN_CEDARS 23644	100.86 1.88 0.00	91.76 2.15 0.00	77.71 1.75 0.00	71.40 1.94 0.00	65.62 1.79 0.00	69.38 1.76 0.00	74.37 1.74 0.00	77.38 1.29 0.00	78.50 1.16 0.00	74.44 1.17 0.00	66.50 0.98 0.00	72.99 1.15 0.00	67.89 1.07 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.31 0.72 0.00	84.45 0.34 0.00	100.29 0.20 0.00	95.19 -0.10 0.00	86.86 0.00 0.00	76.86 0.15 0.00	65.71 0.33 0.00	58.02 0.52 0.00	53.47 0.69 0.00
HQ_GEN_CEDARS_PROXY 323590	100.86 1.88 0.00	91.76 2.15 0.00	77.94 1.97 0.00	71.40 1.94 0.00	65.62 1.78 0.00	69.38 1.76 0.00	74.37 1.74 0.00	77.38 1.29 0.00	78.51 1.16 0.00	74.43 1.17 0.00	66.50 0.98 0.00	72.98 1.15 0.00	67.89 1.07 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.31 0.72 0.00	84.45 0.34 0.00	100.29 0.20 0.00	95.19 -0.10 0.00	86.86 0.00 0.00	76.86 0.15 0.00	65.65 0.26 0.00	57.91 0.41 0.00	53.47 0.68 0.00
HQ_GEN_IMPORT 323601	99.48 0.50 0.00	90.33 0.71 0.00	76.65 0.68 0.00	70.15 0.69 0.00	64.47 0.64 0.00	68.30 0.68 0.00	73.28 0.65 0.00	76.55 0.46 0.00	77.73 0.39 0.00	73.63 0.37 0.00	65.85 0.33 0.00	72.20 0.36 0.00	67.16 0.34 0.00	66.82 0.33 0.00	66.56 0.33 0.00	71.81 0.22 0.00	84.11 0.00 0.00	99.99 -0.10 0.00	95.09 -0.19 0.00	86.60 -0.26 0.00	76.55 -0.15 0.00	65.32 -0.07 0.00	57.50 0.00 0.00	52.94 0.16 0.00
HQ_GEN_WHEEL 23651	99.48 0.50 0.00	90.33 0.71 0.00	76.65 0.68 0.00	70.15 0.69 0.00	64.47 0.64 0.00	68.30 0.68 0.00	73.28 0.65 0.00	76.55 0.46 0.00	77.73 0.39 0.00	73.63 0.37 0.00	65.85 0.33 0.00	72.20 0.36 0.00	67.16 0.34 0.00	66.82 0.33 0.00	66.56 0.33 0.00	71.81 0.22 0.00	84.11 0.00 0.00	99.99 -0.10 0.00	95.09 -0.19 0.00	86.60 -0.26 0.00	76.55 -0.15 0.00	65.32 -0.07 0.00	57.50 0.00 0.00	52.94 0.16 0.00
HUDSON_AVE_GT_3 23810	103.18 3.86 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.83 2.98 -4.23	84.48 3.73 -4.66	88.00 4.18 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.58 3.74 -0.01	70.37 3.54 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.46 3.87 0.00	90.45 5.30 -1.04	108.93 6.31 -2.53	109.54 6.29 -7.97	94.42 5.73 -1.83	83.53 4.91 -1.92	70.32 3.92 -1.01	60.84 3.33 -0.01	56.19 2.59 -0.83
HUDSON_AVE_GT_4 23540	103.18 3.86 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.83 2.98 -4.23	84.48 3.73 -4.66	88.00 4.18 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.58 3.74 -0.01	70.37 3.54 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.46 3.87 0.00	90.45 5.30 -1.04	108.93 6.31 -2.53	109.54 6.29 -7.97	94.42 5.73 -1.83	83.53 4.91 -1.92	70.32 3.92 -1.01	60.84 3.33 -0.01	56.19 2.59 -0.83
HUDSON_AVE_GT_5 23657	103.18 3.86 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.83 2.98 -4.23	84.48 3.73 -4.66	88.00 4.18 -6.48	84.30 3.81 -7.22	71.62 3.21 -2.89	75.58 3.74 -0.01	70.37 3.54 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.46 3.87 0.00	90.45 5.30 -1.04	108.93 6.31 -2.53	109.54 6.29 -7.97	94.42 5.73 -1.83	83.53 4.91 -1.92	70.32 3.92 -1.01	60.84 3.33 -0.01	56.19 2.59 -0.83
HUDSON_AVE_10 24168	102.88 3.56 -0.34	93.32 2.87 -0.83	79.47 2.51 -0.99	73.39 2.15 -1.78	68.28 1.98 -2.47	70.78 2.16 -0.99	79.61 2.76 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.22	71.49 3.08 -2.89	75.36 3.52 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.32 3.72 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.54 4.53 -2.31	70.19 3.79 -1.01	60.73 3.22 -0.01	56.04 2.43 -0.83
HUDSON___115KV_TB 4 355613	106.16 5.64 -1.54	98.54 5.11 -3.82	84.83 4.33 -4.53	81.50 3.89 -8.16	78.70 3.57 -11.29	75.96 3.79 -4.55	95.65 3.70 -19.32	101.29 3.88 -21.32	110.90 3.94 -29.61	109.80 3.52 -33.02	81.81 3.08 -13.21	75.18 3.30 -0.03	69.93 3.07 -0.03	69.95 3.46 0.00	69.80 3.58 0.00	75.46 3.87 0.00	93.15 4.29 -4.75	116.57 4.90 -11.58	136.46 4.76 -36.41	99.66 4.43 -8.37	89.40 3.91 -8.78	73.35 3.33 -4.63	60.70 3.16 -0.03	59.52 2.96 -3.78
HUNTER MOUNT___DRP 323613	106.23 5.94 -1.31	98.25 5.38 -3.25	84.39 4.56 -3.86	80.51 4.10 -6.96	77.17 3.70 -9.63	75.49 3.99 -3.88	93.10 3.99 -16.48	98.54 4.26 -18.19	106.93 4.33 -25.25	105.24 3.81 -28.17	80.06 3.28 -11.27	75.31 3.45 -0.03	70.06 3.21 -0.03	70.35 3.86 0.00	70.20 3.97 0.00	75.97 4.37 0.00	92.70 4.54 -4.05	115.37 5.40 -9.88	131.49 5.15 -31.06	98.78 4.78 -7.14	88.34 4.14 -7.49	72.80 3.47 -3.95	61.04 3.51 -0.03	59.01 3.01 -3.22
HUNTINGTON_RES_REC 323705	107.69 6.82 -1.88	101.09 5.91 -5.56	104.01 5.01 -23.03	97.93 4.58 -23.89	101.00 4.21 -32.95	103.90 4.53 -31.74	109.33 5.16 -31.55	121.72 5.94 -39.69	121.54 6.42 -37.78	115.77 5.86 -36.64	107.61 5.05 -37.04	102.57 5.67 -25.06	102.46 5.35 -30.29	106.19 5.38 -34.32	111.13 5.36 -39.54	121.70 5.94 -44.16	128.16 7.73 -36.32	150.96 9.20 -41.67	133.92 9.06 -29.58	125.91 8.26 -30.79	123.74 6.98 -40.06	107.65 5.69 -36.58	98.16 4.88 -35.77	99.32 4.17 -42.37
HUNTLEY___63 23557	88.09 -10.89 0.00	79.49 -10.13 0.00	67.76 -8.20 0.00	61.82 -7.64 0.00	56.68 -7.15 0.00	59.98 -7.64 0.00	63.55 -9.08 0.00	65.85 -10.20 0.05	55.92 -9.90 11.52	52.90 -9.01 11.36	57.61 -7.86 0.05	56.68 -8.69 6.47	51.58 -8.62 6.62	50.28 -8.51 7.70	50.37 -8.48 7.39	62.53 -9.02 0.05	60.40 -11.19 12.53	72.49 -13.11 14.49	68.62 -12.58 14.09	63.26 -10.94 12.66	59.64 -9.51 7.55	56.67 -8.70 0.02	50.25 -7.25 0.00	47.29 -5.49 0.00
HUNTLEY___64 23558	88.09 -10.89 0.00	79.49 -10.13 0.00	67.76 -8.20 0.00	61.82 -7.64 0.00	56.68 -7.15 0.00	59.98 -7.64 0.00	63.55 -9.08 0.00	65.85 -10.20 0.05	55.92 -9.90 11.52	52.90 -9.01 11.36	57.61 -7.86 0.05	56.68 -8.69 6.47	51.58 -8.62 6.62	50.28 -8.51 7.70	50.37 -8.48 7.39	62.53 -9.02 0.05	60.40 -11.19 12.53	72.49 -13.11 14.49	68.62 -12.58 14.09	63.26 -10.94 12.66	59.64 -9.51 7.55	56.67 -8.70 0.02	50.25 -7.25 0.00	47.29 -5.49 0.00
HUNTLEY___65 23559	88.09 -10.89 0.00	79.49 -10.13 0.00	67.76 -8.20 0.00	61.82 -7.64 0.00	56.68 -7.15 0.00	59.98 -7.64 0.00	63.55 -9.08 0.00	65.85 -10.20 0.05	55.92 -9.90 11.52	52.90 -9.01 11.36	57.61 -7.86 0.05	56.68 -8.69 6.47	51.58 -8.62 6.62	50.28 -8.51 7.70	50.37 -8.48 7.39	62.53 -9.02 0.05	60.40 -11.19 12.53	72.49 -13.11 14.49	68.62 -12.58 14.09	63.26 -10.94 12.66	59.64 -9.51 7.55	56.67 -8.70 0.02	50.25 -7.25 0.00	47.29 -5.49 0.00
HUNTLEY___66 23560	88.09 -10.89 0.00	79.49 -10.13 0.00	67.76 -8.20 0.00	61.82 -7.64 0.00	56.68 -7.15 0.00	59.98 -7.64 0.00	63.55 -9.08 0.00	65.85 -10.20 0.05	55.92 -9.90 11.52	52.90 -9.01 11.36	57.61 -7.86 0.05	56.68 -8.69 6.47	51.58 -8.62 6.62	50.28 -8.51 7.70	50.37 -8.48 7.39	62.53 -9.02 0.05	60.40 -11.19 12.53	72.49 -13.11 14.49	68.62 -12.58 14.09	63.26 -10.94 12.66	59.64 -9.51 7.55	56.67 -8.70 0.02	50.25 -7.25 0.00	47.29 -5.49 0.00

HUNTLEY___67 23561	88.19 -10.79 0.00	79.58 -10.04 0.00	67.76 -8.20 0.00	61.82 -7.64 0.00	56.68 -7.15 0.00	59.98 -7.64 0.00	63.62 -9.01 0.00	65.99 -10.04 0.06	53.63 -10.13 13.58	50.65 -9.23 13.39	57.67 -7.80 0.06	55.31 -8.91 7.62	50.19 -8.82 7.81	48.70 -8.71 9.08	48.85 -8.68 8.70	62.66 -8.88 0.06	57.99 -11.36 14.77	70.26 -13.41 16.41	66.56 -12.77 15.96	60.82 -11.12 14.92	58.13 -9.66 8.90	56.74 -8.63 0.02	50.25 -7.25 0.00	47.24 -5.54 0.00
HUNTLEY___68 23562	88.19 -10.79 0.00	79.58 -10.04 0.00	67.76 -8.20 0.00	61.82 -7.64 0.00	56.68 -7.15 0.00	59.98 -7.64 0.00	63.62 -9.01 0.00	65.99 -10.04 0.06	53.63 -10.13 13.58	50.65 -9.23 13.39	57.67 -7.80 0.06	55.31 -8.91 7.62	50.19 -8.82 7.81	48.70 -8.71 9.08	48.85 -8.68 8.70	62.66 -8.88 0.06	57.99 -11.36 14.77	70.26 -13.41 16.41	66.56 -12.77 15.96	60.82 -11.12 14.92	58.13 -9.66 8.90	56.74 -8.63 0.02	50.25 -7.25 0.00	47.24 -5.54 0.00
HYLAND___LFGE 323620	94.73 -4.25 0.00	85.31 -4.30 0.00	72.32 -3.65 0.00	65.98 -3.47 0.00	60.58 -3.25 0.00	64.04 -3.59 0.00	68.49 -4.14 0.00	72.32 -3.96 -0.19	118.08 -5.42 -46.15	113.56 -5.20 -45.49	61.25 -4.46 -0.19	92.14 -5.60 -25.91	87.73 -5.61 -26.53	91.69 -5.65 -30.85	90.18 -5.63 -29.58	66.49 -5.30 -0.19	128.08 -6.22 -50.19	153.23 -6.41 -59.55	147.48 -5.71 -57.91	132.45 -5.12 -50.71	102.59 -4.37 -30.26	61.83 -3.53 0.03	54.39 -3.11 0.00	51.88 -0.90 0.00
INDECK___CORINTH 23802	110.56 7.92 -3.66	105.78 7.08 -9.09	92.76 6.00 -10.79	94.37 5.49 -19.43	95.76 5.04 -26.88	83.87 5.41 -10.83	124.51 5.88 -46.00	133.25 6.39 -50.77	154.65 6.81 -70.50	158.42 6.52 -78.63	102.67 5.70 -31.45	77.88 5.96 -0.08	72.44 5.54 -0.08	71.87 5.38 0.00	71.66 5.43 0.00	77.76 6.16 0.00	102.73 7.31 -11.30	136.56 8.90 -27.57	190.57 8.58 -86.71	114.52 7.73 -19.93	104.37 6.75 -20.91	81.96 5.55 -11.02	62.46 4.88 -0.08	66.00 4.22 -9.00
INDECK___ILION 23567	110.46 11.48 0.00	99.83 10.22 0.00	84.40 8.43 0.00	76.75 7.29 0.00	70.09 6.26 0.00	73.71 6.09 0.00	78.44 5.81 0.00	81.64 5.55 0.00	82.76 5.41 0.00	78.39 5.13 0.00	70.11 4.59 0.00	76.72 4.88 0.00	71.43 4.61 0.00	70.74 4.26 0.00	70.33 4.11 0.00	76.25 4.65 0.00	89.83 5.72 0.00	107.29 7.21 0.00	102.14 6.86 0.00	93.29 6.43 0.00	82.76 6.06 0.00	71.01 5.62 0.00	62.62 5.12 0.00	57.74 4.96 0.00
INDECK___OLEAN 23982	89.48 -9.50 0.00	80.65 -8.96 0.00	68.53 -7.44 0.00	62.44 -7.01 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.50 -8.13 0.00	68.85 -7.23 0.01	68.53 -5.57 3.25	65.08 -4.98 3.20	60.33 -5.18 0.01	65.20 -4.81 1.82	60.01 -4.94 1.87	59.33 -4.97 2.17	59.18 -4.97 2.08	66.50 -5.08 0.01	74.45 -6.14 3.53	89.07 -7.21 3.81	84.63 -6.95 3.71	77.47 -5.82 3.57	69.51 -5.06 2.13	58.24 -7.13 0.02	51.98 -5.52 0.00	48.14 -4.65 0.00
INDECK___OSWEGO 23783	94.73 -4.25 0.00	85.67 -3.94 0.00	72.55 -3.42 0.00	66.33 -3.12 0.00	60.96 -2.87 0.00	64.58 -3.04 0.00	69.36 -3.27 0.00	72.67 -3.42 0.00	73.79 -3.56 0.00	69.97 -3.30 0.00	62.70 -2.82 0.00	68.68 -3.16 0.00	63.88 -2.94 0.00	63.50 -2.99 0.00	63.25 -2.98 0.00	68.45 -3.15 0.00	80.41 -3.70 0.00	95.79 -4.30 0.00	91.29 -4.00 0.00	83.13 -3.73 0.00	73.48 -3.22 0.00	63.16 -2.22 0.00	55.54 -1.96 0.00	50.93 -1.85 0.00
INDECK___YERKES 23781	87.99 -10.99 0.00	79.31 -10.30 0.00	67.61 -8.36 0.00	61.61 -7.85 0.00	56.56 -7.28 0.00	59.85 -7.77 0.00	63.40 -9.23 0.00	66.15 -9.89 0.05	55.92 -9.90 11.52	52.97 -8.94 11.36	57.61 -7.86 0.05	56.75 -8.62 6.47	51.64 -8.55 6.62	50.34 -8.45 7.70	50.43 -8.41 7.39	62.60 -8.95 0.05	60.48 -11.10 12.53	72.50 -13.11 14.49	68.72 -12.48 14.09	63.34 -10.86 12.66	59.71 -9.44 7.55	57.00 -8.37 0.02	50.54 -6.96 0.00	47.08 -5.70 0.00
INDIAN POINT_GT_1 24139	102.78 3.46 -0.33	93.40 2.96 -0.83	79.46 2.51 -0.98	73.44 2.22 -1.77	68.32 2.04 -2.44	70.84 2.23 -0.98	79.50 2.69 -4.18	84.05 3.35 -4.62	87.39 3.64 -6.41	83.78 3.37 -7.15	71.26 2.88 -2.86	75.15 3.30 -0.01	69.97 3.14 -0.01	69.68 3.19 0.00	69.47 3.25 0.00	75.11 3.51 0.00	89.85 4.71 -1.03	108.10 5.50 -2.51	108.69 5.53 -7.88	93.71 5.04 -1.81	82.98 4.37 -1.90	69.92 3.53 -1.00	60.50 2.99 -0.01	55.87 2.27 -0.82
INDIAN POINT_GT_2 23659	102.78 3.46 -0.33	93.40 2.96 -0.83	79.46 2.51 -0.98	73.44 2.22 -1.77	68.32 2.04 -2.44	70.84 2.23 -0.98	79.50 2.69 -4.18	84.05 3.35 -4.62	87.39 3.64 -6.41	83.78 3.37 -7.15	71.26 2.88 -2.86	75.15 3.30 -0.01	69.97 3.14 -0.01	69.68 3.19 0.00	69.47 3.25 0.00	75.11 3.51 0.00	89.85 4.71 -1.03	108.10 5.50 -2.51	108.69 5.53 -7.88	93.71 5.04 -1.81	82.98 4.37 -1.90	69.92 3.53 -1.00	60.50 2.99 -0.01	55.87 2.27 -0.82
INDIAN POINT_GT_3 24019	102.78 3.46 -0.33	93.40 2.96 -0.83	79.46 2.51 -0.98	73.44 2.22 -1.77	68.32 2.04 -2.44	70.84 2.23 -0.98	79.50 2.69 -4.18	84.05 3.35 -4.62	87.39 3.64 -6.41	83.78 3.37 -7.15	71.26 2.88 -2.86	75.15 3.30 -0.01	69.97 3.14 -0.01	69.68 3.19 0.00	69.47 3.25 0.00	75.11 3.51 0.00	89.85 4.71 -1.03	108.10 5.50 -2.51	108.69 5.53 -7.88	93.71 5.04 -1.81	82.98 4.37 -1.90	69.92 3.53 -1.00	60.50 2.99 -0.01	55.87 2.27 -0.82
INDIAN POINT___2 23530	102.57 3.26 -0.33	93.21 2.78 -0.81	79.21 2.28 -0.97	73.27 2.08 -1.74	68.15 1.91 -2.41	70.69 2.10 -0.97	79.29 2.54 -4.12	83.68 3.05 -4.54	87.14 3.48 -6.31	83.45 3.15 -7.04	71.02 2.69 -2.81	74.93 3.09 -0.01	69.76 2.94 -0.01	69.48 2.99 0.00	69.28 3.05 0.00	74.89 3.30 0.00	89.58 4.45 -1.01	107.76 5.20 -2.47	108.28 5.24 -7.76	93.42 4.77 -1.78	82.71 4.14 -1.87	69.70 3.33 -0.99	60.32 2.82 -0.01	55.80 2.22 -0.81
INDIAN POINT___3 23531	102.68 3.37 -0.33	93.22 2.78 -0.83	79.38 2.43 -0.98	73.31 2.08 -1.77	68.20 1.92 -2.45	70.71 2.10 -0.99	79.36 2.54 -4.19	83.90 3.20 -4.62	87.24 3.48 -6.42	83.64 3.22 -7.16	71.13 2.75 -2.86	75.01 3.16 -0.01	69.83 3.01 -0.01	69.55 3.06 0.00	69.34 3.11 0.00	74.96 3.37 0.00	89.68 4.54 -1.03	107.90 5.30 -2.51	108.51 5.34 -7.89	93.54 4.86 -1.81	82.82 4.22 -1.90	69.72 3.33 -1.00	60.32 2.82 -0.01	55.82 2.22 -0.82
INGHAM_C_115KV_TB7 356103	109.77 10.79 0.00	99.20 9.59 0.00	83.87 7.90 0.00	76.26 6.81 0.00	69.64 5.81 0.00	73.17 5.55 0.00	77.86 5.23 0.00	81.11 5.02 0.00	82.14 4.80 0.00	77.81 4.54 0.00	69.58 4.06 0.00	76.15 4.31 0.00	70.83 4.01 0.00	70.21 3.72 0.00	69.80 3.58 0.00	75.68 4.08 0.00	89.07 4.96 0.00	106.39 6.31 0.00	101.38 6.10 0.00	92.59 5.73 0.00	82.15 5.45 0.00	70.55 5.17 0.00	62.27 4.77 0.00	57.37 4.59 0.00
IP CORINTH___1 23988	110.46 7.82 -3.66	105.78 7.08 -9.09	92.76 6.00 -10.79	94.37 5.49 -19.43	95.76 5.04 -26.88	83.86 5.41 -10.83	124.51 5.88 -46.00	133.32 6.47 -50.77	154.65 6.81 -70.50	158.42 6.52 -78.63	102.67 5.70 -31.45	77.88 5.96 -0.08	72.45 5.55 -0.08	71.87 5.39 0.00	71.66 5.43 0.00	77.76 6.16 0.00	102.73 7.32 -11.30	136.56 8.91 -27.57	190.57 8.58 -86.71	114.52 7.73 -19.93	104.36 6.75 -20.91	81.96 5.56 -11.02	62.41 4.83 -0.08	66.00 4.22 -9.00

IP__TICONDEROGA 23804	115.35 12.77 -3.61	110.03 11.47 -8.95	96.47 9.88 -10.62	97.61 9.03 -19.13	98.60 8.30 -26.47	87.15 8.86 -10.66	127.59 9.66 -45.30	136.51 10.42 -49.99	157.67 10.91 -69.42	161.25 10.55 -77.43	105.66 9.17 -30.97	81.61 9.70 -0.08	75.85 8.95 -0.08	75.20 8.71 0.00	74.97 8.74 0.00	81.55 9.95 0.00	107.10 11.86 -11.13	141.75 14.51 -27.15	194.58 13.91 -85.38	118.91 12.42 -19.63	108.11 10.82 -20.59	85.00 8.76 -10.85	65.28 7.70 -0.08	68.45 6.81 -8.86
ISLIP_RES_REC 323679	108.29 7.43 -1.88	101.72 6.54 -5.56	104.54 5.54 -23.03	98.41 5.07 -23.89	101.45 4.66 -32.95	104.44 5.07 -31.74	109.77 5.59 -31.55	122.32 6.54 -39.69	122.09 6.96 -37.78	116.21 6.30 -36.64	107.94 5.37 -37.04	102.93 6.04 -25.06	102.79 5.68 -30.29	106.53 5.72 -34.32	111.39 5.63 -39.54	122.06 6.30 -44.16	128.68 8.25 -36.32	151.67 9.91 -41.67	134.59 9.72 -29.58	126.42 8.77 -30.79	124.12 7.36 -40.06	107.98 6.01 -36.58	98.45 5.18 -35.77	99.69 4.54 -42.37
JAMAICA__27_KV_LOAD 355505	103.28 3.96 -0.34	93.67 3.23 -0.83	79.77 2.81 -0.99	73.67 2.43 -1.78	68.54 2.23 -2.47	71.12 2.50 -0.99	80.05 3.20 -4.23	84.71 3.96 -4.66	88.38 4.56 -6.48	84.74 4.25 -7.22	71.95 3.54 -2.89	75.94 4.09 -0.01	70.70 3.88 -0.01	70.48 3.99 0.00	70.20 3.97 0.00	75.82 4.22 0.00	91.12 5.97 -1.04	109.63 7.01 -2.53	110.30 7.05 -7.97	95.12 6.43 -1.83	83.79 4.68 -2.40	70.71 4.32 -1.01	61.13 3.62 -0.01	56.30 2.69 -0.83
JANIS__SOLAR 323808	103.81 4.65 -0.17	94.08 4.04 -0.43	79.81 3.34 -0.51	73.15 2.78 -0.91	67.58 2.49 -1.26	70.84 2.71 -0.51	77.70 2.91 -2.16	81.76 3.27 -2.40	86.89 3.10 -6.45	82.77 2.71 -6.79	69.04 2.03 -1.49	75.61 2.01 -1.76	70.49 1.87 -1.81	70.12 1.53 -2.10	69.83 1.59 -2.01	73.76 2.15 -0.01	91.00 2.94 -3.94	109.57 4.11 -5.38	107.24 3.91 -8.05	94.54 3.30 -4.38	82.50 2.76 -3.04	68.04 2.09 -0.56	59.06 1.55 0.00	54.63 1.43 -0.42
JARVIS____ 23743	99.58 0.60 0.00	90.06 0.45 0.00	76.35 0.38 0.00	69.73 0.28 0.00	64.09 0.26 0.00	67.90 0.27 0.00	72.92 0.29 0.00	76.47 0.38 0.00	77.73 0.39 0.00	73.63 0.37 0.00	65.85 0.33 0.00	72.20 0.36 0.00	67.16 0.34 0.00	66.82 0.33 0.00	66.56 0.33 0.00	71.96 0.36 0.00	84.62 0.51 0.00	100.69 0.60 0.00	95.86 0.58 0.00	87.38 0.52 0.00	77.17 0.46 0.00	65.78 0.39 0.00	57.79 0.29 0.00	52.99 0.21 0.00
JENNISON__1 23625	104.80 5.54 -0.28	95.15 4.84 -0.70	80.90 4.10 -0.83	74.42 3.47 -1.49	69.03 3.13 -2.06	71.77 3.31 -0.83	79.50 3.34 -3.53	83.79 3.80 -3.90	86.55 3.79 -5.42	82.75 3.44 -6.04	70.69 2.75 -2.42	74.72 2.87 -0.01	69.43 2.61 -0.01	68.75 2.26 0.00	68.48 2.25 0.00	74.39 2.79 0.00	88.51 3.53 -0.87	106.95 4.70 -2.16	106.37 4.38 -6.70	92.13 3.73 -1.53	81.45 3.14 -1.61	68.60 2.35 -0.86	59.35 1.84 -0.01	55.21 1.74 -0.69
JENNISON__2 23626	104.80 5.54 -0.28	95.15 4.84 -0.70	80.90 4.10 -0.83	74.42 3.47 -1.49	69.03 3.13 -2.06	71.77 3.31 -0.83	79.50 3.34 -3.53	83.79 3.80 -3.90	86.55 3.79 -5.42	82.75 3.44 -6.04	70.69 2.75 -2.42	74.72 2.87 -0.01	69.43 2.61 -0.01	68.75 2.26 0.00	68.48 2.25 0.00	74.39 2.79 0.00	88.51 3.53 -0.87	106.95 4.70 -2.16	106.37 4.38 -6.70	92.13 3.73 -1.53	81.45 3.14 -1.61	68.60 2.35 -0.86	59.35 1.84 -0.01	55.21 1.74 -0.69
JERICHO_RISE_WT_PWR 323719	100.26 1.28 0.00	91.31 1.70 0.00	77.57 1.60 0.00	71.19 1.74 0.00	65.49 1.66 0.00	69.32 1.69 0.00	74.37 1.74 0.00	77.30 1.21 0.00	78.43 1.08 0.00	74.21 0.95 0.00	66.44 0.92 0.00	72.92 1.08 0.00	67.95 1.13 0.00	67.69 1.20 0.00	67.28 1.06 0.00	72.31 0.72 0.00	84.28 0.17 0.00	99.99 -0.10 0.00	94.81 -0.47 0.00	86.34 -0.52 0.00	76.40 -0.31 0.00	65.32 -0.07 0.00	57.62 0.12 0.00	53.26 0.47 0.00
KATONAH__115KV_46KV_TB4 355592	104.27 4.95 -0.34	94.77 4.30 -0.85	80.70 3.72 -1.01	74.61 3.33 -1.82	69.48 3.13 -2.52	72.02 3.38 -1.01	80.71 3.78 -4.31	85.56 4.72 -4.75	89.13 5.18 -6.60	85.54 4.91 -7.36	72.72 4.26 -2.95	76.59 4.74 -0.01	71.37 4.54 -0.01	70.94 4.45 0.00	70.73 4.50 0.00	76.61 5.01 0.00	91.56 6.39 -1.06	110.18 7.51 -2.58	110.84 7.43 -8.12	95.50 6.78 -1.87	84.57 5.91 -1.96	71.26 4.84 -1.03	61.59 4.08 -0.01	56.69 3.06 -0.84
KCE_NY_1 323755	108.88 6.34 -3.56	104.10 5.65 -8.84	91.25 4.79 -10.49	92.73 4.38 -18.89	94.00 4.02 -26.14	82.42 4.26 -10.53	122.09 4.72 -44.74	130.57 5.10 -49.38	151.25 5.33 -68.57	154.87 5.13 -76.48	100.57 4.46 -30.59	76.73 4.81 -0.08	71.37 4.48 -0.08	70.88 4.39 0.00	70.67 4.44 0.00	76.61 5.01 0.00	101.17 6.06 -10.99	134.20 7.30 -26.81	186.67 7.05 -84.33	112.59 6.34 -19.39	102.64 5.60 -20.34	80.68 4.58 -10.72	61.60 4.02 -0.08	65.02 3.48 -8.75
KCE_NY_6_ESR 323823	89.18 -9.80 0.00	80.39 -9.23 0.00	68.37 -7.60 0.00	62.30 -7.15 0.00	57.19 -6.64 0.00	60.45 -7.17 0.00	64.13 -8.50 0.00	67.28 -8.75 0.06	54.52 -8.74 14.08	51.47 -7.91 13.88	58.58 -6.88 0.06	56.31 -7.62 7.91	51.11 -7.62 8.10	49.49 -7.58 9.41	49.65 -7.55 9.03	63.88 -7.66 0.06	58.96 -9.84 15.31	70.98 -11.51 17.60	67.12 -11.05 17.11	61.83 -9.55 15.47	59.18 -8.29 9.23	57.65 -7.72 0.02	51.06 -6.44 0.00	47.50 -5.28 0.00
KEDC_PORT_JEFF_GT2 24210	107.69 6.82 -1.88	101.18 6.00 -5.56	104.09 5.09 -23.03	98.00 4.65 -23.89	101.07 4.28 -32.95	104.03 4.66 -31.74	109.33 5.16 -31.55	121.87 6.09 -39.69	121.63 6.50 -37.78	115.84 5.93 -36.64	107.41 4.85 -37.04	102.43 5.53 -25.06	102.26 5.15 -30.29	106.06 5.25 -34.32	110.94 5.17 -39.54	121.49 5.73 -44.16	128.00 7.57 -36.32	150.67 8.90 -41.67	133.73 8.86 -29.58	125.64 7.99 -30.79	123.52 6.75 -40.07	107.46 5.49 -36.58	98.16 4.88 -35.77	99.42 4.27 -42.37
KEDC_PORT_JEFF_GT3 24211	107.69 6.82 -1.88	101.18 6.00 -5.56	104.09 5.09 -23.03	98.00 4.65 -23.89	101.07 4.28 -32.95	104.03 4.66 -31.74	109.33 5.16 -31.55	121.87 6.09 -39.69	121.63 6.50 -37.78	115.84 5.93 -36.64	107.41 4.85 -37.04	102.43 5.53 -25.06	102.26 5.15 -30.29	106.06 5.25 -34.32	110.94 5.17 -39.54	121.49 5.73 -44.16	128.00 7.57 -36.32	150.67 8.90 -41.67	133.73 8.86 -29.58	125.64 7.99 -30.79	123.52 6.75 -40.07	107.46 5.49 -36.58	98.16 4.88 -35.77	99.42 4.27 -42.37
KEDC_GLWD_GT4 24219	106.30 5.44 -1.88	99.92 4.75 -5.56	102.95 3.95 -23.03	96.96 3.61 -23.89	100.04 3.25 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.49 4.72 -39.69	120.31 5.18 -37.78	114.74 4.83 -36.64	106.76 4.20 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.91 6.48 -36.32	149.47 7.71 -41.67	132.39 7.53 -29.58	124.51 6.86 -30.79	122.53 5.99 -39.84	106.74 4.77 -36.58	97.36 4.08 -35.77	98.53 3.38 -42.37
KEDC_GLWD_GT5 24220	106.30 5.44 -1.88	99.92 4.75 -5.56	102.95 3.95 -23.03	96.96 3.61 -23.89	100.04 3.25 -32.95	102.88 3.51 -31.74	108.32 4.14 -31.55	120.49 4.72 -39.69	120.31 5.18 -37.78	114.74 4.83 -36.64	106.76 4.20 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.34 4.57 -39.54	120.70 4.94 -44.16	126.91 6.48 -36.32	149.47 7.71 -41.67	132.39 7.53 -29.58	124.51 6.86 -30.79	122.53 5.99 -39.84	106.74 4.77 -36.58	97.36 4.08 -35.77	98.53 3.38 -42.37

KENSICO____ 23655	103.08 3.76 -0.34	93.58 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -0.99	79.68 2.83 -4.22	84.25 3.50 -4.66	87.68 3.87 -6.47	84.07 3.59 -7.21	71.42 3.01 -2.88	75.36 3.52 -0.01	70.17 3.34 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.32 3.72 0.00	90.11 4.96 -1.04	108.42 5.81 -2.53	109.05 5.81 -7.95	93.99 5.30 -1.83	83.22 4.60 -1.92	70.06 3.66 -1.01	60.61 3.11 -0.01	56.04 2.43 -0.83
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	104.14 4.75 -0.41	94.76 4.12 -1.03	80.68 3.49 -1.22	74.70 3.06 -2.19	69.61 2.74 -3.03	71.96 3.11 -1.22	81.45 3.63 -5.19	86.08 4.26 -5.73	89.86 4.56 -7.96	86.17 4.03 -8.87	72.35 3.28 -3.55	75.44 3.59 -0.01	70.24 3.41 -0.01	69.95 3.46 0.00	69.80 3.58 0.00	75.68 4.08 0.00	90.94 5.55 -1.28	109.90 6.71 -3.11	111.74 6.67 -9.78	95.10 5.99 -2.25	84.13 5.06 -2.36	70.62 3.99 -1.24	60.96 3.45 -0.01	56.44 2.64 -1.02
KIAC_JFK_GT1 23816	102.39 3.07 -0.34	92.87 2.42 -0.83	79.01 2.05 -0.99	72.98 1.74 -1.78	67.90 1.60 -2.47	70.45 1.83 -0.99	79.40 2.54 -4.23	84.03 3.27 -4.66	87.69 3.87 -6.48	84.00 3.52 -7.22	71.36 2.95 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.63 6.01 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	82.94 3.84 -2.40	70.06 3.66 -1.01	60.55 3.05 -0.01	55.83 2.22 -0.83
KIAC_JFK_GT2 23817	102.39 3.07 -0.34	92.87 2.42 -0.83	79.01 2.05 -0.99	72.98 1.74 -1.78	67.90 1.60 -2.47	70.45 1.83 -0.99	79.40 2.54 -4.23	84.03 3.27 -4.66	87.69 3.87 -6.48	84.00 3.52 -7.22	71.36 2.95 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.61 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.63 6.01 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	82.94 3.84 -2.40	70.06 3.66 -1.01	60.55 3.05 -0.01	55.83 2.22 -0.83
KIAC_JFK____ 323774	102.39 3.07 -0.34	92.95 2.51 -0.83	79.01 2.05 -0.99	73.12 1.88 -1.78	67.96 1.66 -2.47	70.51 1.89 -0.99	79.47 2.61 -4.23	84.02 3.27 -4.66	86.76 2.94 -6.48	84.00 3.52 -7.22	71.36 2.95 -2.89	75.22 3.38 -0.01	70.03 3.21 -0.01	69.81 3.32 0.00	69.60 3.38 0.00	75.11 3.51 0.00	90.28 5.13 -1.04	108.63 6.00 -2.53	109.35 6.10 -7.97	94.26 5.56 -1.83	82.94 3.83 -2.40	70.06 3.66 -1.01	60.55 3.05 -0.01	55.88 2.27 -0.83
KINTIGH____ 23543	89.28 -9.70 0.00	80.56 -9.05 0.00	68.60 -7.37 0.00	62.72 -6.74 0.00	57.45 -6.38 0.00	60.86 -6.76 0.00	64.71 -7.92 0.00	66.63 -9.44 0.03	60.44 -9.90 7.00	57.35 -9.01 6.90	58.22 -7.27 0.03	59.22 -8.69 3.93	54.24 -8.55 4.02	53.37 -8.44 4.68	53.33 -8.41 4.49	62.98 -8.59 0.03	65.48 -11.02 7.61	77.95 -13.01 9.13	74.02 -12.39 8.88	68.31 -10.86 7.69	62.60 -9.51 4.59	57.66 -7.72 0.01	51.12 -6.38 0.00	47.87 -4.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	101.65 2.67 0.00	92.75 3.14 0.00	78.55 2.58 0.00	72.37 2.92 0.00	66.64 2.81 0.00	70.60 2.98 0.00	75.68 3.05 0.00	78.60 2.51 0.00	79.66 2.32 0.00	75.46 2.20 0.00	67.55 2.03 0.00	74.06 2.23 0.00	69.09 2.27 0.00	68.82 2.33 0.00	68.35 2.12 0.00	73.46 1.86 0.00	85.54 1.43 0.00	101.19 1.10 0.00	95.95 0.67 0.00	87.55 0.69 0.00	77.55 0.84 0.00	66.37 0.98 0.00	58.48 0.98 0.00	54.21 1.43 0.00
LACHUTE__HYDRO 323717	115.45 12.86 -3.61	110.03 11.47 -8.95	96.46 9.87 -10.62	97.55 8.96 -19.13	98.60 8.29 -26.47	87.15 8.86 -10.66	127.59 9.66 -45.30	136.51 10.42 -49.99	157.67 10.91 -69.42	161.25 10.55 -77.43	105.66 9.17 -30.97	81.61 9.69 -0.08	75.86 8.96 -0.08	75.20 8.71 0.00	74.97 8.74 0.00	81.55 9.95 0.00	107.11 11.86 -11.13	141.74 14.51 -27.15	194.58 13.91 -85.38	118.91 12.42 -19.63	108.11 10.82 -20.59	85.00 8.76 -10.85	65.29 7.71 -0.08	68.40 6.76 -8.86
LAWRNCV_115KV_TB1 80681	101.26 2.28 0.00	92.12 2.51 0.00	78.02 2.05 0.00	71.75 2.29 0.00	65.81 1.98 0.00	69.32 1.69 0.00	74.30 1.67 0.00	77.23 1.14 0.00	78.35 1.01 0.00	74.44 1.17 0.00	66.57 1.05 0.00	72.99 1.15 0.00	67.96 1.14 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.10 0.50 0.00	83.94 -0.17 0.00	99.69 -0.40 0.00	94.71 -0.57 0.00	86.34 -0.52 0.00	76.40 -0.31 0.00	65.45 0.07 0.00	57.96 0.46 0.00	53.52 0.74 0.00
LEDERLE____ 23769	102.77 3.46 -0.32	93.28 2.87 -0.80	79.43 2.51 -0.95	73.32 2.15 -1.71	68.18 1.98 -2.37	70.74 2.16 -0.95	79.30 2.61 -4.05	83.83 3.27 -4.47	87.11 3.56 -6.21	83.49 3.30 -6.93	71.11 2.82 -2.77	75.01 3.16 -0.01	69.90 3.07 -0.01	69.55 3.06 0.00	69.34 3.11 0.00	75.03 3.44 0.00	89.73 4.63 -1.00	107.92 5.40 -2.43	108.36 5.43 -7.64	93.57 4.95 -1.76	82.84 4.30 -1.84	69.76 3.40 -0.97	60.38 2.87 -0.01	55.79 2.22 -0.79
LIGHTRSE_115KV_TB6 355974	97.89 -1.09 0.00	88.45 -1.16 0.00	74.90 -1.06 0.00	68.48 -0.97 0.00	62.94 -0.89 0.00	66.54 -1.08 0.00	71.47 -1.16 0.00	74.87 -1.22 0.00	76.11 -1.24 0.00	72.02 -1.25 0.00	64.54 -0.98 0.00	70.62 -1.22 0.00	65.75 -1.07 0.00	65.29 -1.20 0.00	64.90 -1.32 0.00	70.24 -1.36 0.00	82.60 -1.51 0.00	98.59 -1.50 0.00	93.85 -1.43 0.00	85.38 -1.48 0.00	75.32 -1.38 0.00	64.27 -1.11 0.00	56.64 -0.86 0.00	51.99 -0.79 0.00
LINDEN COGEN____ 23786	77.07 3.17 25.08	70.87 2.51 21.25	58.60 2.12 19.50	59.70 1.88 11.63	66.13 1.72 -0.57	70.44 1.89 -0.92	79.32 2.47 -4.22	83.79 3.05 -4.66	87.21 3.40 -6.47	56.71 3.22 19.77	55.73 2.69 12.48	58.59 3.09 16.33	57.19 2.94 12.56	64.29 3.06 5.26	65.50 3.11 3.84	58.70 3.30 16.19	52.38 4.62 36.35	45.76 5.40 59.73	46.55 5.43 54.16	53.13 4.95 38.68	52.38 4.22 28.54	63.99 3.40 4.79	60.37 2.87 0.00	55.82 2.22 -0.82
LINDHRST_69_KV_BK1 356055	107.59 6.73 -1.88	101.09 5.91 -5.56	104.02 5.01 -23.03	97.79 4.45 -23.89	100.94 4.15 -32.95	103.83 4.46 -31.74	109.26 5.08 -31.55	121.71 5.93 -39.68	121.39 6.26 -37.78	115.77 5.86 -36.64	107.61 5.05 -37.04	102.57 5.68 -25.06	102.46 5.35 -30.29	106.20 5.39 -34.32	111.20 5.43 -39.54	121.70 5.94 -44.16	128.17 7.74 -36.32	150.97 9.21 -41.67	134.01 9.15 -29.58	125.90 8.25 -30.79	123.61 7.06 -39.85	107.66 5.69 -36.58	98.16 4.89 -35.77	99.27 4.12 -42.37
LIPA_MISC_IPP 23656	107.49 6.63 -1.88	101.00 5.82 -5.56	104.09 5.09 -23.03	97.93 4.58 -23.89	101.00 4.21 -32.95	104.03 4.67 -31.74	109.19 5.01 -31.55	121.94 6.16 -39.68	121.55 6.42 -37.78	115.77 5.86 -36.64	107.54 4.98 -37.04	102.50 5.60 -25.06	102.39 5.28 -30.29	106.13 5.32 -34.32	110.93 5.17 -39.54	121.56 5.80 -44.16	128.08 7.65 -36.32	150.87 9.11 -41.67	133.72 8.86 -29.58	125.73 8.08 -30.79	123.53 6.75 -40.07	107.39 5.43 -36.58	97.99 4.72 -35.77	99.27 4.12 -42.37
LISF__SOLAR 323691	107.79 6.93 -1.88	101.28 6.10 -5.56	104.17 5.17 -23.03	98.13 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.33 5.16 -31.55	122.02 6.24 -39.69	121.78 6.65 -37.78	115.92 6.01 -36.64	107.68 5.11 -37.04	102.65 5.75 -25.06	102.46 5.35 -30.29	106.26 5.45 -34.32	111.07 5.30 -39.54	121.70 5.94 -44.16	128.25 7.82 -36.32	151.17 9.41 -41.67	134.01 9.15 -29.58	125.91 8.26 -30.79	123.68 6.91 -40.07	107.59 5.62 -36.58	98.10 4.83 -35.77	99.42 4.27 -42.37

LITTLE FALLS___HYD 24013	109.77 10.79 0.00	99.20 9.59 0.00	83.87 7.90 0.00	76.26 6.81 0.00	69.64 5.81 0.00	73.17 5.55 0.00	77.86 5.23 0.00	81.11 5.02 0.00	82.14 4.80 0.00	77.81 4.54 0.00	69.58 4.06 0.00	76.15 4.31 0.00	70.83 4.01 0.00	70.21 3.72 0.00	69.80 3.58 0.00	75.68 4.08 0.00	89.07 4.96 0.00	106.39 6.31 0.00	101.38 6.10 0.00	92.59 5.73 0.00	82.15 5.45 0.00	70.55 5.17 0.00	62.27 4.77 0.00	57.37 4.59 0.00
LITTLRIV_115KV_TB1 356100	102.64 3.66 0.00	93.47 3.85 0.00	79.16 3.19 0.00	72.79 3.33 0.00	66.77 2.94 0.00	70.33 2.70 0.00	75.32 2.69 0.00	78.30 2.21 0.00	79.43 2.09 0.00	75.39 2.12 0.00	67.35 1.83 0.00	73.85 2.01 0.00	68.69 1.87 0.00	68.42 1.93 0.00	68.02 1.79 0.00	72.96 1.36 0.00	85.12 1.01 0.00	101.19 1.10 0.00	96.05 0.76 0.00	87.47 0.61 0.00	77.32 0.61 0.00	66.30 0.92 0.00	58.59 1.09 0.00	54.15 1.37 0.00
LI_NEWBRDGE___DRP 323616	105.91 5.05 -1.88	99.48 4.30 -5.56	102.72 3.72 -23.03	96.61 3.26 -23.89	99.79 3.00 -32.95	102.61 3.25 -31.74	107.95 3.78 -31.55	120.34 4.57 -39.68	120.00 4.87 -37.78	114.45 4.54 -36.64	106.50 3.93 -37.04	101.35 4.45 -25.06	101.32 4.21 -30.29	105.07 4.26 -34.32	110.07 4.30 -39.54	120.41 4.65 -44.16	126.48 6.06 -36.32	148.86 7.11 -41.67	131.91 7.05 -29.58	124.16 6.51 -30.79	122.48 5.68 -40.10	106.48 4.51 -36.58	97.18 3.91 -35.77	98.26 3.11 -42.37
LOCKPORT_115KV_TB60_63_64 80432	87.30 -11.68 0.00	78.77 -10.84 0.00	67.16 -8.81 0.00	61.33 -8.13 0.00	56.17 -7.66 0.00	59.44 -8.18 0.00	63.04 -9.59 0.00	65.24 -10.80 0.04	56.92 -10.67 9.75	53.98 -9.67 9.61	57.09 -8.39 0.04	57.02 -9.34 5.48	51.99 -9.22 5.61	50.93 -9.04 6.52	50.90 -9.07 6.25	61.89 -9.67 0.04	61.48 -12.03 10.60	73.42 -14.11 12.55	69.54 -13.53 12.21	64.34 -11.81 10.71	60.03 -10.28 6.39	56.22 -9.15 0.02	49.85 -7.65 0.00	46.87 -5.91 0.00
LOCKPORT___CC1 323769	86.90 -12.08 0.00	78.32 -11.29 0.00	66.77 -9.19 0.00	60.91 -8.55 0.00	55.85 -7.98 0.00	59.17 -8.46 0.00	62.68 -9.95 0.00	65.32 -10.73 0.04	55.79 -10.98 10.57	52.88 -9.96 10.42	56.90 -8.58 0.04	56.28 -9.62 5.94	51.25 -9.49 6.08	50.11 -9.31 7.07	50.11 -9.34 6.78	61.67 -9.88 0.04	60.26 -12.36 11.49	71.97 -14.51 13.60	68.14 -13.91 13.23	63.09 -12.16 11.61	59.19 -10.59 6.93	56.28 -9.09 0.02	49.91 -7.59 0.00	46.50 -6.28 0.00
LOCKPORT___CC2 323770	86.90 -12.08 0.00	78.32 -11.29 0.00	66.77 -9.19 0.00	60.91 -8.55 0.00	55.85 -7.98 0.00	59.17 -8.46 0.00	62.68 -9.95 0.00	65.32 -10.73 0.04	55.79 -10.98 10.57	52.88 -9.96 10.42	56.90 -8.58 0.04	56.28 -9.62 5.94	51.25 -9.49 6.08	50.11 -9.31 7.07	50.11 -9.34 6.78	61.67 -9.88 0.04	60.26 -12.36 11.49	71.97 -14.51 13.60	68.14 -13.91 13.23	63.09 -12.16 11.61	59.19 -10.59 6.93	56.28 -9.09 0.02	49.91 -7.59 0.00	46.50 -6.28 0.00
LOCKPORT___CC3 323771	86.90 -12.08 0.00	78.32 -11.29 0.00	66.77 -9.19 0.00	60.91 -8.55 0.00	55.85 -7.98 0.00	59.17 -8.46 0.00	62.68 -9.95 0.00	65.32 -10.73 0.04	55.79 -10.98 10.57	52.88 -9.96 10.42	56.90 -8.58 0.04	56.28 -9.62 5.94	51.25 -9.49 6.08	50.11 -9.31 7.07	50.11 -9.34 6.78	61.67 -9.88 0.04	60.26 -12.36 11.49	71.97 -14.51 13.60	68.14 -13.91 13.23	63.09 -12.16 11.61	59.19 -10.59 6.93	56.28 -9.09 0.02	49.91 -7.59 0.00	46.50 -6.28 0.00
LONG_LAKE_PHOENIX 24014	96.01 -2.97 0.00	86.75 -2.87 0.00	73.54 -2.43 0.00	67.16 -2.29 0.00	61.73 -2.11 0.00	65.39 -2.23 0.00	70.23 -2.40 0.00	73.58 -2.51 0.00	74.79 -2.55 0.00	70.99 -2.27 0.00	63.55 -1.97 0.00	69.54 -2.30 0.00	64.68 -2.14 0.00	64.29 -2.19 0.00	64.04 -2.19 0.00	69.38 -2.22 0.00	81.50 -2.61 0.00	97.09 -3.00 0.00	92.52 -2.76 0.00	84.34 -2.52 0.00	74.48 -2.22 0.00	63.55 -1.83 0.00	55.83 -1.67 0.00	51.25 -1.53 0.00
LOVETT___3 23632	102.27 2.97 -0.32	92.93 2.51 -0.80	79.05 2.13 -0.95	72.98 1.81 -1.72	67.87 1.66 -2.38	70.41 1.83 -0.96	78.95 2.25 -4.07	83.47 2.89 -4.49	86.75 3.17 -6.24	83.15 2.93 -6.96	70.79 2.49 -2.78	74.72 2.87 -0.01	69.57 2.74 -0.01	69.28 2.79 0.00	69.08 2.85 0.00	74.68 3.08 0.00	89.32 4.21 -1.00	107.43 4.90 -2.44	107.81 4.86 -7.67	93.14 4.52 -1.76	82.47 3.91 -1.85	69.43 3.07 -0.98	60.09 2.59 -0.01	55.53 1.95 -0.80
LOVETT___4 23642	102.27 2.97 -0.32	92.93 2.51 -0.80	79.05 2.13 -0.95	72.98 1.81 -1.72	67.87 1.66 -2.38	70.41 1.83 -0.96	78.95 2.25 -4.07	83.47 2.89 -4.49	86.75 3.17 -6.24	83.15 2.93 -6.96	70.79 2.49 -2.78	74.72 2.87 -0.01	69.57 2.74 -0.01	69.28 2.79 0.00	69.08 2.85 0.00	74.68 3.08 0.00	89.32 4.21 -1.00	107.43 4.90 -2.44	107.81 4.86 -7.67	93.14 4.52 -1.76	82.47 3.91 -1.85	69.43 3.07 -0.98	60.09 2.59 -0.01	55.53 1.95 -0.80
LOVETT___5 23593	102.27 2.97 -0.32	92.93 2.51 -0.80	79.05 2.13 -0.95	72.98 1.81 -1.72	67.87 1.66 -2.38	70.41 1.83 -0.96	78.95 2.25 -4.07	83.47 2.89 -4.49	86.75 3.17 -6.24	83.15 2.93 -6.96	70.79 2.49 -2.78	74.72 2.87 -0.01	69.57 2.74 -0.01	69.28 2.79 0.00	69.08 2.85 0.00	74.68 3.08 0.00	89.32 4.21 -1.00	107.43 4.90 -2.44	107.81 4.86 -7.67	93.14 4.52 -1.76	82.47 3.91 -1.85	69.43 3.07 -0.98	60.09 2.59 -0.01	55.53 1.95 -0.80
LOWER RAQUET___HYD 24057	101.35 2.37 0.00	92.30 2.69 0.00	78.40 2.43 0.00	71.88 2.43 0.00	65.94 2.10 0.00	69.32 1.69 0.00	74.30 1.67 0.00	77.23 1.14 0.00	78.35 1.00 0.00	74.51 1.24 0.00	66.57 1.05 0.00	73.06 1.22 0.00	67.95 1.13 0.00	67.69 1.20 0.00	67.22 0.99 0.00	72.03 0.43 0.00	83.86 -0.25 0.00	99.59 -0.50 0.00	94.52 -0.77 0.00	86.26 -0.60 0.00	76.25 -0.46 0.00	65.32 -0.07 0.00	57.85 0.35 0.00	53.57 0.79 0.00
LOWER___HUDSON 24059	106.68 4.75 -2.94	101.13 4.21 -7.31	88.21 3.57 -8.67	88.34 3.27 -15.62	88.39 2.94 -21.61	79.51 3.18 -8.71	113.11 3.49 -36.99	120.71 3.80 -40.82	138.05 4.02 -56.69	140.30 3.81 -63.23	94.15 3.34 -25.29	75.63 3.73 -0.06	70.36 3.47 -0.06	69.94 3.46 0.00	69.74 3.51 0.00	75.39 3.79 0.00	97.91 4.71 -9.09	127.76 5.50 -22.17	170.34 5.33 -69.72	107.84 4.95 -16.03	97.81 4.29 -16.81	77.84 3.59 -8.86	60.67 3.10 -0.06	62.76 2.74 -7.24
LOWVILLE_115KV_TB2 356335	102.74 3.76 0.00	92.93 3.32 0.00	78.78 2.81 0.00	71.96 2.50 0.00	66.20 2.36 0.00	70.06 2.43 0.00	74.88 2.25 0.00	78.37 2.28 0.00	79.43 2.09 0.00	74.80 1.54 0.00	66.76 1.24 0.00	73.13 1.29 0.00	68.09 1.27 0.00	67.55 1.06 0.00	67.22 0.99 0.00	72.74 1.15 0.00	85.54 1.43 0.00	102.19 2.10 0.00	97.00 1.72 0.00	88.16 1.30 0.00	77.78 1.07 0.00	66.30 0.92 0.00	58.19 0.69 0.00	53.47 0.69 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	108.78 6.24 -3.56	104.01 5.56 -8.84	91.25 4.79 -10.49	92.66 4.31 -18.89	93.94 3.96 -26.14	82.42 4.26 -10.53	122.02 4.65 -44.74	130.49 5.02 -49.38	151.17 5.26 -68.57	154.80 5.06 -76.48	100.50 4.39 -30.59	76.66 4.74 -0.08	71.31 4.41 -0.08	70.88 4.39 0.00	70.60 4.37 0.00	76.54 4.94 0.00	101.08 5.97 -10.99	134.11 7.21 -26.81	186.57 6.96 -84.33	112.50 6.25 -19.39	102.56 5.52 -20.34	80.62 4.51 -10.72	61.49 3.91 -0.08	64.97 3.43 -8.75

LUTHERNY_35_KV_BK2 355980	108.88 6.33 -3.56	104.10 5.65 -8.84	91.32 4.86 -10.49	92.72 4.38 -18.89	94.00 4.02 -26.14	82.42 4.26 -10.53	122.09 4.72 -44.74	130.57 5.10 -49.38	151.25 5.34 -68.57	154.87 5.13 -76.48	100.57 4.46 -30.59	76.73 4.81 -0.08	71.37 4.48 -0.08	70.88 4.39 0.00	70.67 4.44 0.00	76.61 5.01 0.00	101.16 6.06 -10.99	134.21 7.31 -26.81	186.67 7.05 -84.33	112.59 6.34 -19.39	102.64 5.60 -20.34	80.62 4.51 -10.72	61.55 3.97 -0.08	65.02 3.48 -8.75
LWR___OSWEGATCHIE_HYD 23850	101.65 2.67 0.00	92.21 2.60 0.00	78.09 2.13 0.00	71.61 2.15 0.00	65.75 1.92 0.00	69.32 1.69 0.00	74.23 1.60 0.00	77.38 1.29 0.00	78.50 1.16 0.00	74.36 1.10 0.00	66.44 0.92 0.00	72.84 1.01 0.00	67.82 1.00 0.00	67.35 0.86 0.00	67.02 0.79 0.00	72.10 0.50 0.00	84.36 0.25 0.00	100.59 0.50 0.00	95.47 0.19 0.00	86.86 0.00 0.00	76.70 0.00 0.00	65.65 0.26 0.00	57.90 0.40 0.00	53.36 0.58 0.00
LYONS_FALL_HYD 23570	102.44 3.46 0.00	92.66 3.05 0.00	78.55 2.58 0.00	71.74 2.29 0.00	65.94 2.10 0.00	69.85 2.23 0.00	74.81 2.18 0.00	78.37 2.28 0.00	79.59 2.24 0.00	75.02 1.76 0.00	67.03 1.51 0.00	73.42 1.58 0.00	68.42 1.60 0.00	67.89 1.40 0.00	67.55 1.32 0.00	73.10 1.51 0.00	85.96 1.85 0.00	102.59 2.50 0.00	97.48 2.19 0.00	88.60 1.74 0.00	78.16 1.45 0.00	66.62 1.24 0.00	58.48 0.98 0.00	53.68 0.90 0.00
MADISON___COUNTY_LFGE 323628	101.85 2.87 0.00	92.21 2.60 0.00	78.09 2.13 0.00	71.33 1.88 0.00	65.56 1.72 0.00	69.52 1.89 0.00	74.66 2.03 0.00	78.30 2.21 0.00	79.59 2.24 0.00	75.31 2.05 0.00	67.35 1.83 0.00	73.70 1.87 0.00	68.62 1.80 0.00	68.08 1.60 0.00	67.88 1.66 0.00	73.53 1.93 0.00	86.38 2.27 0.00	102.99 2.90 0.00	97.95 2.67 0.00	89.12 2.26 0.00	78.54 1.84 0.00	66.82 1.44 0.00	58.65 1.15 0.00	53.89 1.11 0.00
MALONE___115KV_TB1 356076	102.25 3.27 0.00	93.29 3.67 0.00	79.01 3.04 0.00	72.86 3.40 0.00	67.03 3.19 0.00	70.87 3.25 0.00	75.97 3.34 0.00	78.83 2.74 0.00	80.05 2.71 0.00	75.83 2.56 0.00	67.88 2.36 0.00	74.42 2.59 0.00	69.36 2.54 0.00	69.02 2.53 0.00	68.55 2.32 0.00	73.60 2.00 0.00	85.63 1.51 0.00	101.39 1.30 0.00	96.24 0.95 0.00	87.90 1.04 0.00	77.85 1.15 0.00	66.63 1.24 0.00	58.71 1.21 0.00	54.21 1.43 0.00
MAPLEWOD_115KV_TB3 80458	105.40 4.06 -2.36	99.06 3.58 -5.86	86.04 3.11 -6.96	84.77 2.78 -12.54	83.74 2.55 -17.35	77.32 2.70 -6.99	105.22 2.91 -29.69	111.97 3.12 -32.76	126.09 3.25 -45.50	127.09 3.08 -50.75	88.64 2.82 -20.30	75.12 3.23 -0.05	69.88 3.01 -0.05	69.55 3.06 0.00	69.27 3.05 0.00	74.75 3.15 0.00	95.19 3.79 -7.30	122.08 4.20 -17.79	155.34 4.10 -55.96	103.63 3.91 -12.86	93.65 3.45 -13.49	75.44 2.94 -7.11	60.14 2.59 -0.05	60.91 2.32 -5.81
MAPLE_RIDGE_WT_1 323574	99.38 0.40 0.00	90.06 0.45 0.00	76.43 0.46 0.00	69.87 0.42 0.00	64.15 0.32 0.00	67.83 0.20 0.00	72.63 0.00 0.00	75.64 -0.45 0.00	76.65 -0.70 0.00	72.39 -0.88 0.00	64.67 -0.85 0.00	70.83 -1.01 0.00	65.88 -0.94 0.00	65.49 -1.00 0.00	65.17 -1.06 0.00	70.24 -1.36 0.00	82.34 -1.77 0.00	97.89 -2.20 0.00	93.10 -2.19 0.00	84.77 -2.09 0.00	74.86 -1.84 0.00	63.88 -1.50 0.00	56.23 -1.27 0.00	51.73 -1.06 0.00
MAPLE_RIDGE_WT_2 323611	99.38 0.40 0.00	90.06 0.45 0.00	76.43 0.46 0.00	69.87 0.42 0.00	64.15 0.32 0.00	67.83 0.20 0.00	72.63 0.00 0.00	75.64 -0.45 0.00	76.65 -0.70 0.00	72.39 -0.88 0.00	64.67 -0.85 0.00	70.83 -1.01 0.00	65.88 -0.94 0.00	65.49 -1.00 0.00	65.17 -1.06 0.00	70.24 -1.36 0.00	82.34 -1.77 0.00	97.89 -2.20 0.00	93.10 -2.19 0.00	84.77 -2.09 0.00	74.86 -1.84 0.00	63.88 -1.50 0.00	56.23 -1.27 0.00	51.73 -1.06 0.00
MARBLE_RIVER_WT_PWR 323696	100.26 1.28 0.00	91.31 1.70 0.00	77.57 1.60 0.00	71.12 1.66 0.00	65.43 1.60 0.00	69.32 1.69 0.00	74.30 1.67 0.00	77.30 1.21 0.00	78.43 1.08 0.00	74.21 0.95 0.00	66.44 0.92 0.00	72.92 1.08 0.00	67.95 1.13 0.00	67.69 1.20 0.00	67.22 0.99 0.00	72.24 0.64 0.00	84.28 0.17 0.00	99.89 -0.20 0.00	94.81 -0.47 0.00	86.34 -0.52 0.00	76.40 -0.31 0.00	65.32 -0.07 0.00	57.62 0.12 0.00	53.31 0.53 0.00
MARSHVLE_115KV_TB1 80742	108.06 5.74 -3.34	103.01 5.11 -8.29	90.21 4.41 -9.84	91.13 3.96 -17.72	91.99 3.64 -24.52	81.42 3.92 -9.88	118.95 4.36 -41.96	127.27 4.87 -46.31	146.75 5.10 -64.30	149.46 4.47 -71.72	97.68 3.47 -28.69	75.65 3.74 -0.07	70.23 3.34 -0.07	69.81 3.32 0.00	69.61 3.38 0.00	75.89 4.30 0.00	100.23 5.80 -10.31	132.84 7.61 -25.14	181.71 7.34 -79.09	111.47 6.43 -18.18	101.30 5.52 -19.07	79.69 4.25 -10.05	61.20 3.62 -0.07	64.00 3.01 -8.21
MARSH_HILL_WT_PWR 323713	95.11 -3.96 -0.09	85.89 -3.94 -0.22	72.81 -3.42 -0.26	66.45 -3.47 -0.47	61.09 -3.39 -0.65	64.10 -3.79 -0.26	69.16 -4.57 -1.10	72.77 -4.72 -1.40	119.03 -5.18 -46.87	114.85 -4.84 -46.42	61.61 -4.85 -0.94	91.81 -5.39 -25.36	87.11 -5.68 -25.97	91.11 -5.58 -30.20	89.62 -5.56 -28.96	66.20 -5.58 -0.18	126.78 -6.73 -49.40	151.33 -7.81 -59.05	146.90 -7.25 -58.86	130.90 -6.08 -50.12	102.00 -4.83 -30.13	60.97 -4.64 -0.22	53.48 -4.03 0.00	49.78 -3.22 -0.22
MCINTYRE_115KV_TB2 80467	103.34 4.36 0.00	94.09 4.48 0.00	79.69 3.72 0.00	73.21 3.75 0.00	67.28 3.45 0.00	70.94 3.31 0.00	75.97 3.34 0.00	79.06 2.97 0.00	80.13 2.78 0.00	75.90 2.64 0.00	67.81 2.29 0.00	74.28 2.44 0.00	69.09 2.27 0.00	68.82 2.33 0.00	68.41 2.19 0.00	73.60 2.00 0.00	85.96 1.85 0.00	102.29 2.20 0.00	97.00 1.72 0.00	88.34 1.48 0.00	78.08 1.38 0.00	66.89 1.50 0.00	59.05 1.55 0.00	54.47 1.69 0.00
MECO_____69_KV_BK1 80468	110.68 8.12 -3.58	105.86 7.35 -8.89	92.83 6.31 -10.56	94.17 5.70 -19.02	95.38 5.23 -26.32	83.84 5.61 -10.60	123.84 6.17 -45.04	132.49 6.70 -49.70	153.25 6.88 -69.02	156.55 6.30 -76.98	101.55 5.24 -30.79	77.59 5.68 -0.08	72.11 5.21 -0.08	71.61 5.12 0.00	71.39 5.17 0.00	77.83 6.23 0.00	103.08 7.91 -11.07	136.98 9.91 -26.99	189.79 9.62 -84.88	114.89 8.51 -19.52	104.61 7.44 -20.47	81.99 5.82 -10.79	62.64 5.06 -0.08	65.97 4.38 -8.81
MENANDS___115KV_TB5 355628	104.90 3.66 -2.26	98.53 3.32 -5.60	85.43 2.81 -6.65	83.93 2.50 -11.98	82.71 2.30 -16.58	76.74 2.43 -6.68	103.61 2.61 -28.37	110.21 2.82 -31.31	123.68 2.86 -43.47	124.47 2.71 -48.49	87.47 2.56 -19.40	74.83 2.95 -0.05	69.61 2.74 -0.05	69.28 2.79 0.00	69.01 2.78 0.00	74.39 2.79 0.00	94.36 3.28 -6.97	120.69 3.60 -17.00	152.18 3.43 -53.47	102.54 3.39 -12.29	92.59 2.99 -12.89	74.80 2.62 -6.80	59.85 2.30 -0.05	60.50 2.16 -5.55
MG INDUSTRY___DRP 24185	106.67 6.24 -1.45	98.86 5.65 -3.60	85.11 4.86 -4.28	81.60 4.45 -7.70	78.52 4.02 -10.66	76.18 4.26 -4.30	95.16 4.29 -18.24	100.64 4.41 -20.13	109.56 4.25 -27.96	108.26 3.81 -31.19	81.34 3.34 -12.47	75.53 3.66 -0.03	70.26 3.41 -0.03	70.15 3.66 0.00	70.07 3.84 0.00	75.82 4.22 0.00	93.30 4.71 -4.48	116.53 5.50 -10.93	134.91 5.24 -34.39	99.72 4.95 -7.91	89.45 4.45 -8.29	73.55 3.79 -4.37	61.10 3.56 -0.03	59.68 3.33 -3.57

MID___OSWEGATCHIE_HYD 23849	101.65 2.67 0.00	92.21 2.60 0.00	78.09 2.13 0.00	71.61 2.15 0.00	65.75 1.92 0.00	69.32 1.69 0.00	74.23 1.60 0.00	77.38 1.29 0.00	78.50 1.16 0.00	74.36 1.10 0.00	66.44 0.92 0.00	72.84 1.01 0.00	67.82 1.00 0.00	67.35 0.86 0.00	67.02 0.79 0.00	72.10 0.50 0.00	84.36 0.25 0.00	100.59 0.50 0.00	95.47 0.19 0.00	86.86 0.00 0.00	76.70 0.00 0.00	65.65 0.26 0.00	57.90 0.40 0.00	53.36 0.58 0.00
MID___RAQUETTE_HYD 23851	101.36 2.38 0.00	92.30 2.69 0.00	78.17 2.20 0.00	71.89 2.43 0.00	65.94 2.11 0.00	69.32 1.69 0.00	74.30 1.67 0.00	77.23 1.14 0.00	78.35 1.01 0.00	74.51 1.25 0.00	66.57 1.05 0.00	73.06 1.22 0.00	67.96 1.14 0.00	67.69 1.20 0.00	67.22 0.99 0.00	72.03 0.43 0.00	83.86 -0.25 0.00	99.59 -0.50 0.00	94.52 -0.76 0.00	86.16 -0.69 0.00	76.24 -0.46 0.00	65.39 0.00 0.00	57.96 0.46 0.00	53.57 0.79 0.00
MILLIKEN___1 23584	99.77 0.69 -0.09	90.29 0.45 -0.23	76.55 0.30 -0.28	70.09 0.14 -0.50	64.65 0.13 -0.69	68.04 0.14 -0.28	74.02 0.22 -1.18	77.78 0.38 -1.31	82.83 0.31 -5.18	78.97 0.37 -5.34	66.53 0.20 -0.82	73.88 0.14 -1.90	68.83 0.07 -1.94	68.68 -0.07 -2.26	68.39 0.00 -2.17	71.90 0.29 -0.01	88.50 0.42 -3.96	105.98 0.80 -5.09	102.62 0.86 -6.48	91.78 0.69 -4.22	80.07 0.61 -2.75	65.98 0.26 -0.34	57.62 0.11 0.00	53.17 0.16 -0.23
MILLIKEN___2 23585	99.77 0.69 -0.09	90.29 0.45 -0.23	76.55 0.30 -0.28	70.09 0.14 -0.50	64.65 0.13 -0.69	68.04 0.14 -0.28	74.02 0.22 -1.18	77.78 0.38 -1.31	82.83 0.31 -5.18	78.97 0.37 -5.34	66.53 0.20 -0.82	73.88 0.14 -1.90	68.83 0.07 -1.94	68.68 -0.07 -2.26	68.39 0.00 -2.17	71.90 0.29 -0.01	88.50 0.42 -3.96	105.98 0.80 -5.09	102.62 0.86 -6.48	91.78 0.69 -4.22	80.07 0.61 -2.75	65.98 0.26 -0.34	57.62 0.11 0.00	53.17 0.16 -0.23
MILLIKEN___DIESEL 23629	99.77 0.69 -0.09	90.29 0.45 -0.23	76.55 0.30 -0.28	70.09 0.14 -0.50	64.65 0.13 -0.69	68.04 0.14 -0.28	74.02 0.22 -1.18	77.78 0.38 -1.31	82.83 0.31 -5.18	78.97 0.37 -5.34	66.53 0.20 -0.82	73.88 0.14 -1.90	68.83 0.07 -1.94	68.68 -0.07 -2.26	68.39 0.00 -2.17	71.90 0.29 -0.01	88.50 0.42 -3.96	105.98 0.80 -5.09	102.62 0.86 -6.48	91.78 0.69 -4.22	80.07 0.61 -2.75	65.98 0.26 -0.34	57.62 0.11 0.00	53.17 0.16 -0.23
MILLSEAT___LFGE 323607	89.67 -9.31 0.00	80.74 -8.87 0.00	68.75 -7.22 0.00	62.79 -6.67 0.00	57.64 -6.19 0.00	61.07 -6.56 0.00	64.78 -7.85 0.00	67.76 -8.29 0.03	60.39 -8.66 8.30	57.32 -7.77 8.18	58.87 -6.62 0.03	59.70 -7.47 4.66	54.57 -7.48 4.77	53.63 -7.31 5.55	53.62 -7.29 5.32	63.76 -7.80 0.03	65.33 -9.76 9.02	78.09 -11.31 10.69	74.22 -10.67 10.40	68.36 -9.38 9.12	63.13 -8.13 5.44	58.31 -7.06 0.01	51.63 -5.87 0.00	47.93 -4.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	102.88 3.56 -0.33	93.49 3.05 -0.83	79.54 2.58 -0.99	73.52 2.29 -1.77	68.40 2.11 -2.46	70.91 2.30 -0.99	79.59 2.76 -4.20	84.15 3.42 -4.64	87.58 3.79 -6.44	83.89 3.44 -7.19	71.34 2.95 -2.87	75.22 3.38 -0.01	70.03 3.21 -0.01	69.75 3.26 0.00	69.54 3.31 0.00	75.18 3.58 0.00	89.94 4.79 -1.03	108.21 5.60 -2.52	108.83 5.62 -7.92	93.81 5.12 -1.82	83.06 4.45 -1.91	69.99 3.60 -1.01	60.55 3.05 -0.01	55.93 2.32 -0.82
MILLWOOD_13_KV_LOAD 356217	103.18 3.86 -0.33	93.76 3.32 -0.83	79.76 2.81 -0.99	73.66 2.43 -1.77	68.59 2.30 -2.46	71.12 2.50 -0.99	79.74 2.91 -4.20	84.38 3.65 -4.64	87.81 4.02 -6.44	84.11 3.66 -7.19	71.54 3.14 -2.87	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.46 3.87 0.00	90.27 5.13 -1.03	108.61 6.01 -2.52	109.11 5.91 -7.92	94.15 5.47 -1.82	83.37 4.76 -1.91	70.18 3.79 -1.01	60.73 3.22 -0.01	56.08 2.48 -0.82
MODEL_CITY_ENERGY 24167	86.31 -12.67 0.00	77.78 -11.83 0.00	66.32 -9.65 0.00	60.50 -8.96 0.00	55.54 -8.30 0.00	58.77 -8.86 0.00	62.24 -10.39 0.00	64.86 -11.18 0.04	55.89 -11.29 10.16	52.99 -10.26 10.01	56.50 -8.97 0.04	56.29 -9.84 5.71	51.22 -9.76 5.84	50.12 -9.57 6.79	50.11 -9.60 6.52	61.17 -10.38 0.04	60.36 -12.70 11.05	71.88 -15.02 13.19	68.06 -14.39 12.83	63.19 -12.51 11.16	59.15 -10.89 6.66	55.89 -9.48 0.02	49.56 -7.94 0.00	46.18 -6.60 0.00
MODERN_LFGE___ 323580	86.31 -12.67 0.00	77.78 -11.83 0.00	66.32 -9.65 0.00	60.50 -8.96 0.00	55.54 -8.30 0.00	58.77 -8.86 0.00	62.24 -10.39 0.00	64.86 -11.18 0.04	55.89 -11.29 10.16	52.99 -10.26 10.01	56.50 -8.97 0.04	56.29 -9.84 5.71	51.22 -9.76 5.84	50.12 -9.57 6.79	50.11 -9.60 6.52	61.17 -10.38 0.04	60.36 -12.70 11.05	71.88 -15.02 13.19	68.06 -14.39 12.83	63.19 -12.51 11.16	59.15 -10.89 6.66	55.89 -9.48 0.02	49.56 -7.94 0.00	46.18 -6.60 0.00
MOHAWK_PAPER___DRP 24187	105.40 4.06 -2.36	99.06 3.58 -5.86	86.04 3.11 -6.96	84.77 2.78 -12.54	83.74 2.55 -17.35	77.32 2.70 -6.99	105.22 2.91 -29.69	111.97 3.12 -32.76	126.09 3.25 -45.50	127.09 3.08 -50.75	88.64 2.82 -20.30	75.12 3.23 -0.05	69.88 3.01 -0.05	69.55 3.06 0.00	69.27 3.05 0.00	74.75 3.15 0.00	95.19 3.79 -7.30	122.08 4.20 -17.79	155.34 4.10 -55.96	103.63 3.91 -12.86	93.65 3.45 -13.49	75.44 2.94 -7.11	60.14 2.59 -0.05	60.91 2.32 -5.81
MOHICAN___35_KV_115KV_LD 80490	110.87 8.31 -3.57	105.92 7.44 -8.87	92.88 6.38 -10.53	94.18 5.76 -18.96	95.43 5.36 -26.23	83.87 5.68 -10.57	123.76 6.25 -44.89	132.40 6.77 -49.54	153.17 7.04 -68.79	156.81 6.81 -76.73	102.17 5.96 -30.69	78.24 6.32 -0.08	72.78 5.88 -0.08	72.21 5.72 0.00	71.99 5.76 0.00	78.11 6.52 0.00	102.96 7.82 -11.03	136.50 9.51 -26.90	189.04 9.15 -84.61	114.48 8.16 -19.45	104.24 7.13 -20.40	82.02 5.88 -10.75	62.70 5.12 -0.08	66.05 4.49 -8.78
MONGAUP___HYD 23641	103.84 4.56 -0.31	94.22 3.85 -0.76	80.06 3.19 -0.90	73.92 2.85 -1.62	68.63 2.56 -2.24	71.37 2.84 -0.90	79.74 3.27 -3.84	83.59 3.27 -4.24	86.71 3.44 -5.88	83.27 3.44 -6.56	70.90 2.75 -2.62	74.86 3.02 -0.01	69.70 2.87 -0.01	69.35 2.86 0.00	69.28 3.05 0.00	75.18 3.58 0.00	89.51 4.45 -0.94	107.09 4.71 -2.30	107.28 4.76 -7.23	93.47 4.95 -1.66	83.05 4.60 -1.74	69.96 3.66 -0.92	60.61 3.10 -0.01	56.01 2.48 -0.75
MONTAUK___DIESEL 23721	108.38 7.52 -1.88	102.26 7.08 -5.56	105.46 6.46 -23.03	99.46 6.11 -23.89	102.72 5.94 -32.95	106.06 6.69 -31.74	111.51 7.34 -31.55	124.60 8.83 -39.68	124.25 9.13 -37.78	118.33 8.43 -36.64	109.51 6.95 -37.04	104.58 7.69 -25.06	104.20 7.08 -30.29	107.86 7.05 -34.32	112.39 6.62 -39.54	122.78 7.02 -44.16	129.01 8.58 -36.32	152.37 10.61 -41.67	133.72 8.86 -29.58	125.29 7.64 -30.79	123.07 6.29 -40.07	106.94 4.97 -36.58	97.47 4.20 -35.77	99.32 4.17 -42.37
MOONROAD_115KV_HARTFLD_TB1-2 355988	91.56 -7.42 0.00	82.36 -7.26 0.00	69.81 -6.15 0.00	63.48 -5.97 0.00	58.09 -5.75 0.00	61.40 -6.22 0.00	65.15 -7.48 0.00	68.36 -7.69 0.04	59.14 -7.50 10.70	55.98 -6.74 10.55	59.51 -5.96 0.04	59.29 -6.54 6.01	54.05 -6.62 6.15	52.02 -7.31 7.15	52.75 -6.62 6.86	64.97 -6.59 0.04	64.07 -8.41 11.63	77.23 -9.61 13.25	73.16 -9.24 12.88	67.20 -7.90 11.76	62.86 -6.83 7.02	58.56 -6.80 0.02	51.86 -5.64 0.00	48.61 -4.17 0.00

MORRIS_RIDGE___SOLAR 323848	92.24 -6.83 -0.08	83.28 -6.54 -0.21	70.67 -5.54 -0.25	64.55 -5.35 -0.45	59.41 -5.04 -0.62	62.33 -5.54 -0.25	67.15 -6.54 -1.05	70.22 -6.77 -0.90	6.67 -7.11 63.56	4.15 -6.67 62.45	59.81 -6.16 -0.46	28.57 -6.68 36.59	22.74 -6.62 37.46	16.33 -6.58 43.57	17.96 -6.49 41.78	64.68 -6.66 0.27	5.41 -8.08 70.62	7.65 -9.41 83.02	6.96 -8.96 79.37	7.97 -7.73 71.16	27.85 -6.60 42.26	59.46 -6.15 -0.22	52.27 -5.23 0.00	48.66 -4.33 -0.21
MORTIMER_115KV_TB3 55949	92.84 -6.14 0.00	83.79 -5.82 0.00	71.18 -4.79 0.00	65.15 -4.31 0.00	59.75 -4.09 0.00	63.30 -4.33 0.00	67.54 -5.08 0.00	70.15 -5.93 0.00	70.87 -6.50 -0.02	67.50 -5.79 -0.02	61.00 -4.52 0.00	66.32 -5.53 -0.01	61.42 -5.41 -0.01	61.18 -5.32 -0.01	60.88 -5.36 -0.01	66.16 -5.44 0.00	76.99 -7.15 -0.02	91.89 -8.21 -0.01	87.57 -7.72 -0.01	80.02 -6.86 -0.03	70.74 -5.98 -0.01	60.60 -4.77 0.01	53.47 -4.03 0.00	49.72 -3.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	103.08 3.76 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.67	87.84 4.02 -6.48	84.23 3.74 -7.23	71.56 3.14 -2.89	75.44 3.59 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
MUNSVILLE_WIND_PWR 323609	108.91 9.71 -0.23	98.78 8.60 -0.56	83.93 7.29 -0.67	76.84 6.18 -1.20	71.05 5.55 -1.67	74.25 5.95 -0.67	81.58 6.10 -2.85	86.01 6.77 -3.16	90.78 6.65 -6.79	86.24 5.72 -7.26	72.06 4.58 -1.96	77.94 4.74 -1.36	72.56 4.34 -1.39	71.76 3.65 -1.62	71.42 3.64 -1.55	76.05 4.44 -0.01	93.08 5.64 -3.33	112.46 7.51 -4.86	110.78 7.05 -8.44	96.66 5.91 -3.89	84.50 4.91 -2.88	70.02 3.92 -0.71	60.61 3.10 0.00	56.24 2.90 -0.56
N SALMON___HYD 24042	102.24 3.26 0.00	93.29 3.68 0.00	79.31 3.34 0.00	72.86 3.40 0.00	67.02 3.19 0.00	70.87 3.25 0.00	75.97 3.34 0.00	78.82 2.74 0.00	80.05 2.71 0.00	75.83 2.56 0.00	67.88 2.36 0.00	74.42 2.58 0.00	69.36 2.54 0.00	69.01 2.53 0.00	68.55 2.32 0.00	73.60 2.00 0.00	85.63 1.52 0.00	101.39 1.30 0.00	96.24 0.95 0.00	87.91 1.05 0.00	77.86 1.15 0.00	66.50 1.11 0.00	58.65 1.15 0.00	54.21 1.43 0.00
N.AKRON__115KV_KNAPP 355671	89.58 -9.40 0.00	80.74 -8.87 0.00	68.75 -7.22 0.00	62.86 -6.60 0.00	57.58 -6.26 0.00	61.00 -6.63 0.00	64.78 -7.84 0.00	67.23 -8.83 0.04	59.83 -8.89 8.62	56.78 -7.99 8.50	58.67 -6.81 0.04	59.31 -7.69 4.84	54.18 -7.68 4.96	53.21 -7.51 5.77	53.22 -7.48 5.53	63.54 -8.02 0.04	64.73 -10.01 9.38	77.37 -11.61 11.11	73.43 -11.05 10.80	67.74 -9.64 9.47	62.69 -8.36 5.66	57.85 -7.52 0.01	51.23 -6.27 0.00	48.03 -4.75 0.00
N.BELMOR_69_KV_BK1 55787	106.50 5.64 -1.88	100.11 4.93 -5.56	103.18 4.18 -23.03	97.03 3.68 -23.89	100.17 3.38 -32.95	102.88 3.52 -31.74	108.24 4.07 -31.55	120.57 4.79 -39.68	120.31 5.18 -37.78	114.74 4.84 -36.64	106.76 4.19 -37.04	101.64 4.74 -25.06	101.59 4.48 -30.29	105.33 4.52 -34.32	110.40 4.64 -39.54	120.77 5.01 -44.16	126.99 6.56 -36.32	149.57 7.81 -41.67	132.58 7.72 -29.58	124.68 7.04 -30.79	122.17 6.06 -39.40	106.81 4.84 -36.58	97.53 4.26 -35.77	98.63 3.48 -42.37
N.E_GEN_SANDY PD 24062	111.41 4.25 -8.18	107.16 3.76 -13.78	103.08 3.12 -24.00	102.79 2.85 -30.49	106.59 2.62 -40.14	113.61 2.77 -43.21	123.48 3.19 -47.66	129.52 3.50 -49.93	126.26 3.79 -45.13	126.00 3.59 -49.15	120.38 3.08 -51.78	109.91 3.59 -34.48	108.24 3.34 -38.08	108.24 3.39 -38.36	108.87 3.38 -39.27	114.30 3.65 -39.05	131.12 4.62 -42.39	158.71 5.40 -53.22	149.63 5.33 -49.01	138.20 4.95 -46.39	125.40 4.29 -44.40	118.24 3.53 -49.33	112.74 3.05 -52.19	104.78 2.59 -49.41
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	102.37 3.07 -0.32	93.01 2.60 -0.80	79.12 2.20 -0.95	73.12 1.94 -1.72	67.99 1.79 -2.37	70.54 1.96 -0.96	79.09 2.40 -4.06	83.62 3.04 -4.48	86.89 3.33 -6.22	83.28 3.08 -6.94	70.85 2.56 -2.78	74.79 2.95 -0.01	69.63 2.81 -0.01	69.35 2.86 0.00	69.14 2.91 0.00	74.75 3.15 0.00	89.40 4.29 -1.00	107.63 5.10 -2.43	107.99 5.05 -7.66	93.31 4.69 -1.76	82.61 4.07 -1.85	69.56 3.20 -0.97	60.21 2.70 -0.01	55.63 2.06 -0.79
N.QUEENS_27_KV_LOAD 356247	102.98 3.66 -0.34	93.23 2.78 -0.83	79.54 2.58 -0.99	73.18 1.94 -1.78	67.96 1.66 -2.47	70.45 1.83 -1.00	79.25 2.40 -4.23	84.18 3.42 -4.66	87.53 3.71 -6.48	83.93 3.44 -7.23	71.23 2.82 -2.89	75.15 3.30 -0.01	69.97 3.14 -0.01	69.75 3.26 0.00	69.54 3.31 0.00	75.03 3.44 0.00	90.20 5.05 -1.04	108.53 5.91 -2.53	109.25 6.00 -7.97	94.25 5.56 -1.83	84.35 5.45 -2.21	69.99 3.60 -1.01	60.55 3.05 -0.01	55.88 2.27 -0.83
N.TROY___115KV_TB1 355778	106.68 4.75 -2.94	101.13 4.21 -7.31	88.21 3.57 -8.67	88.27 3.19 -15.62	88.39 2.94 -21.61	79.44 3.11 -8.71	113.11 3.49 -36.99	120.72 3.80 -40.82	138.05 4.02 -56.69	140.30 3.81 -63.23	94.15 3.34 -25.29	75.64 3.74 -0.06	70.36 3.47 -0.06	69.95 3.46 0.00	69.74 3.51 0.00	75.39 3.79 0.00	97.91 4.71 -9.09	127.76 5.50 -22.17	170.34 5.34 -69.72	107.84 4.95 -16.03	97.81 4.30 -16.81	77.78 3.53 -8.86	60.67 3.11 -0.06	62.71 2.69 -7.24
NARROWS_GT1_1 24228	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT1_2 24229	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT1_3 24230	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT1_4 24231	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83

NARROWS_GT1_5 24232	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT1_6 24233	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT1_7 24234	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT1_8 24235	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_1 24236	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_2 24237	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_3 24238	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_4 24239	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_5 24240	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_6 24241	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_7 24242	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NARROWS_GT2_8 24243	103.17 3.86 -0.34	93.50 3.05 -0.83	79.46 2.50 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.92 4.10 -6.48	84.22 3.73 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.12 6.50 -2.53	109.82 6.57 -7.97	100.05 6.08 -7.12	86.40 5.22 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	106.23 5.94 -1.31	98.25 5.38 -3.25	84.39 4.56 -3.86	80.51 4.10 -6.96	77.17 3.70 -9.63	75.49 3.99 -3.88	93.10 3.99 -16.48	98.54 4.26 -18.19	106.93 4.33 -25.25	105.24 3.81 -28.17	80.06 3.28 -11.27	75.31 3.45 -0.03	70.06 3.21 -0.03	70.35 3.86 0.00	70.20 3.97 0.00	75.97 4.37 0.00	92.70 4.54 -4.05	115.37 5.40 -9.88	131.49 5.15 -31.06	98.78 4.78 -7.14	88.34 4.14 -7.49	72.80 3.47 -3.95	61.04 3.51 -0.03	59.01 3.01 -3.22
NCHELSEA_115KV_TR2 355582	103.98 4.65 -0.35	94.60 4.12 -0.87	80.49 3.49 -1.03	74.36 3.06 -1.85	69.20 2.81 -2.56	71.77 3.11 -1.03	80.57 3.56 -4.38	85.11 4.18 -4.84	88.62 4.56 -6.72	84.93 4.18 -7.49	72.05 3.54 -3.00	75.80 3.95 -0.01	70.57 3.74 -0.01	70.28 3.79 0.00	70.07 3.84 0.00	75.89 4.30 0.00	90.74 5.55 -1.08	109.32 6.61 -2.63	110.12 6.57 -8.26	94.75 5.99 -1.90	83.83 5.14 -1.99	70.55 4.12 -1.05	61.02 3.51 -0.01	56.38 2.74 -0.86
NEG CAPITAL___MECHNVIL 23645	108.80 6.43 -3.39	103.77 5.74 -8.42	90.83 4.87 -10.00	91.84 4.38 -18.00	92.77 4.02 -24.91	81.99 4.33 -10.04	119.98 4.72 -42.63	128.24 5.10 -47.05	148.01 5.33 -65.34	151.27 5.13 -72.88	99.19 4.52 -29.15	76.86 4.95 -0.07	71.50 4.61 -0.07	71.01 4.52 0.00	70.79 4.57 0.00	76.68 5.08 0.00	100.72 6.14 -10.48	133.04 7.41 -25.55	182.79 7.15 -80.36	111.76 6.43 -18.47	101.76 5.68 -19.38	80.24 4.64 -10.21	61.60 4.02 -0.07	64.66 3.54 -8.34

NEG CENTRAL_HIGH_ACRES 23767	92.35 -6.63 0.00	83.43 -6.18 0.00	70.80 -5.17 0.00	64.66 -4.79 0.00	59.36 -4.47 0.00	62.96 -4.67 0.00	67.33 -5.30 0.00	70.38 -5.71 0.00	70.93 -6.42 0.00	67.47 -5.79 0.00	60.93 -4.59 0.00	66.31 -5.53 0.00	61.47 -5.35 0.00	61.17 -5.32 0.00	60.87 -5.36 0.00	66.15 -5.44 0.00	77.13 -6.98 0.00	91.96 -8.10 0.03	87.63 -7.63 0.03	80.08 -6.78 0.00	70.72 -5.98 0.00	60.74 -4.64 0.01	53.47 -4.03 0.00	49.30 -3.49 0.00
NEG CENTRAL___DRP 24199	96.60 -2.38 0.00	87.37 -2.24 0.00	73.99 -1.98 0.00	67.58 -1.88 0.00	62.05 -1.79 0.00	65.80 -1.83 0.00	70.59 -2.03 0.00	74.05 -2.05 -0.02	79.30 -2.40 -4.35	75.50 -2.05 -4.29	63.77 -1.77 -0.02	72.20 -2.08 -2.44	67.18 -2.14 -2.50	67.20 -2.19 -2.91	66.90 -2.12 -2.79	69.61 -2.00 -0.02	86.15 -2.69 -4.73	102.59 -3.10 -5.60	97.97 -2.76 -5.45	89.30 -2.35 -4.78	77.72 -1.84 -2.85	63.61 -1.77 0.01	55.89 -1.61 0.00	51.46 -1.32 0.00
NEG CENTRAL___INDECK 23768	93.24 -5.74 0.00	84.06 -5.56 0.00	71.26 -4.71 0.00	65.01 -4.45 0.00	59.69 -4.15 0.00	63.09 -4.53 0.00	67.47 -5.15 0.00	71.03 -5.25 -0.19	117.21 -6.50 -46.37	112.96 -6.01 -45.71	60.67 -5.04 -0.19	91.76 -6.11 -26.03	87.46 -6.01 -26.65	91.43 -6.05 -31.00	89.86 -6.09 -29.72	65.84 -5.94 -0.19	127.22 -7.32 -50.42	151.81 -8.10 -59.83	146.03 -7.43 -58.18	131.12 -6.69 -50.95	101.43 -5.68 -30.40	60.78 -4.58 0.03	53.53 -3.97 0.00	51.09 -1.69 0.00
NEG CENTRAL___SENECA 23627	96.41 -2.57 0.00	87.37 -2.24 0.00	73.99 -1.98 0.00	67.51 -1.94 0.00	61.98 -1.85 0.00	65.66 -1.96 0.00	70.45 -2.18 0.00	73.91 -2.21 -0.03	81.58 -2.71 -6.95	77.91 -2.20 -6.85	63.58 -1.97 -0.03	73.44 -2.30 -3.90	68.41 -2.41 -3.99	68.67 -2.46 -4.64	68.30 -2.38 -4.45	69.41 -2.22 -0.03	88.47 -3.20 -7.55	105.23 -3.80 -8.95	100.55 -3.43 -8.70	91.71 -2.78 -7.63	79.26 -1.99 -4.55	63.34 -2.03 0.02	55.66 -1.84 0.00	51.36 -1.43 0.00
NEG CENTRAL___STATE_STREET 24147	97.50 -1.48 0.00	88.09 -1.52 0.00	74.60 -1.37 0.00	68.14 -1.32 0.00	62.62 -1.21 0.00	66.41 -1.22 0.00	71.32 -1.31 0.00	74.87 -1.22 0.00	75.95 -1.39 0.00	72.16 -1.10 0.00	64.54 -0.98 0.00	70.69 -1.15 0.00	65.62 -1.20 0.00	65.23 -1.26 0.00	65.04 -1.19 0.00	70.52 -1.07 0.00	82.77 -1.35 0.00	98.69 -1.40 0.00	94.05 -1.24 0.00	85.73 -1.13 0.00	75.71 -1.00 0.00	64.41 -0.98 -0.01	56.52 -0.98 0.00	51.94 -0.84 0.00
NEG MILLWOOD___DRP 24198	104.57 5.25 -0.35	95.13 4.66 -0.86	80.94 3.95 -1.02	74.84 3.54 -1.84	69.70 3.32 -2.55	72.24 3.58 -1.03	80.98 3.99 -4.36	85.77 4.87 -4.81	89.36 5.34 -6.68	85.77 5.06 -7.45	72.83 4.32 -2.98	76.66 4.81 -0.01	71.44 4.61 -0.01	71.01 4.52 0.00	70.80 4.57 0.00	76.75 5.16 0.00	91.66 6.48 -1.07	110.41 7.71 -2.61	111.12 7.62 -8.22	95.70 6.95 -1.89	84.67 5.98 -1.98	71.33 4.90 -1.04	61.71 4.20 -0.01	56.80 3.17 -0.85
NEG NORTH_FLCN_SEA 23793	100.96 1.98 0.00	92.03 2.42 0.00	77.94 1.98 0.00	71.82 2.36 0.00	66.07 2.23 0.00	69.92 2.30 0.00	75.03 2.40 0.00	77.92 1.83 0.00	79.05 1.70 0.00	74.80 1.54 0.00	66.96 1.44 0.00	73.49 1.65 0.00	68.56 1.74 0.00	68.28 1.80 0.00	67.82 1.59 0.00	72.89 1.29 0.00	84.87 0.76 0.00	100.49 0.40 0.00	95.28 0.00 0.00	86.86 0.00 0.00	76.86 0.15 0.00	65.84 0.46 0.00	58.02 0.52 0.00	54.00 1.21 0.00
NEG NORTH_KES_CHATEGAY 23792	100.56 1.58 0.00	91.68 2.06 0.00	77.64 1.67 0.00	71.47 2.01 0.00	65.75 1.92 0.00	69.59 1.96 0.00	74.66 2.03 0.00	77.61 1.52 0.00	78.74 1.39 0.00	74.51 1.25 0.00	66.70 1.18 0.00	73.13 1.29 0.00	68.16 1.34 0.00	67.95 1.46 0.00	67.49 1.26 0.00	72.53 0.93 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.09 -0.19 0.00	86.60 -0.26 0.00	76.70 0.00 0.00	65.65 0.26 0.00	57.84 0.34 0.00	53.42 0.63 0.00
NEG NORTH___ALICE_FALLS 23915	101.65 2.67 0.00	92.75 3.14 0.00	78.55 2.58 0.00	72.37 2.92 0.00	66.64 2.81 0.00	70.60 2.98 0.00	75.68 3.05 0.00	78.60 2.51 0.00	79.66 2.32 0.00	75.46 2.20 0.00	67.55 2.03 0.00	74.06 2.23 0.00	69.09 2.27 0.00	68.82 2.33 0.00	68.35 2.12 0.00	73.46 1.86 0.00	85.54 1.43 0.00	101.19 1.10 0.00	95.95 0.67 0.00	87.55 0.69 0.00	77.55 0.84 0.00	66.37 0.98 0.00	58.48 0.98 0.00	54.21 1.43 0.00
NEG NORTH___LWR_SARANAC 23913	101.65 2.67 0.00	92.75 3.14 0.00	78.55 2.58 0.00	72.37 2.92 0.00	66.64 2.81 0.00	70.60 2.98 0.00	75.68 3.05 0.00	78.60 2.51 0.00	79.66 2.32 0.00	75.46 2.20 0.00	67.55 2.03 0.00	74.06 2.23 0.00	69.09 2.27 0.00	68.82 2.33 0.00	68.35 2.12 0.00	73.46 1.86 0.00	85.54 1.43 0.00	101.19 1.10 0.00	95.95 0.67 0.00	87.55 0.69 0.00	77.55 0.84 0.00	66.37 0.98 0.00	58.48 0.98 0.00	54.21 1.43 0.00
NEG NORTH___PLATTSBURG 23628	101.65 2.67 0.00	92.75 3.13 0.00	78.85 2.89 0.00	72.37 2.92 0.00	66.64 2.81 0.00	70.60 2.97 0.00	75.68 3.05 0.00	78.52 2.43 0.00	79.66 2.32 0.00	75.46 2.20 0.00	67.55 2.03 0.00	74.07 2.23 0.00	69.09 2.27 0.00	68.81 2.33 0.00	68.35 2.12 0.00	73.46 1.86 0.00	85.54 1.43 0.00	101.19 1.10 0.00	95.96 0.67 0.00	87.55 0.69 0.00	77.55 0.85 0.00	66.30 0.91 0.00	58.42 0.92 0.00	54.21 1.43 0.00
NEG WEST_LEA_LOCKPORT 23791	87.00 -11.98 0.00	78.50 -11.11 0.00	66.93 -9.04 0.00	61.12 -8.33 0.00	56.05 -7.79 0.00	59.31 -8.32 0.00	62.90 -9.73 0.00	65.09 -10.96 0.04	55.87 -10.91 10.57	52.88 -9.96 10.42	56.89 -8.58 0.04	56.27 -9.63 5.94	51.25 -9.49 6.08	50.11 -9.31 7.07	50.11 -9.34 6.78	61.67 -9.88 0.04	60.25 -12.36 11.49	71.97 -14.51 13.60	68.14 -13.91 13.23	63.09 -12.16 11.61	59.19 -10.59 6.93	56.02 -9.35 0.02	49.68 -7.82 0.00	46.76 -6.02 0.00
NEG WEST___LANCASTER 23811	89.28 -9.70 0.00	80.56 -9.05 0.00	68.52 -7.44 0.00	62.44 -7.01 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.42 -8.21 0.00	69.35 -6.70 0.04	60.79 -5.65 10.90	57.53 -4.98 10.75	60.36 -5.11 0.04	60.90 -4.81 6.12	55.61 -4.94 6.27	54.28 -4.92 7.29	54.34 -4.90 6.99	66.54 -5.01 0.04	65.94 -6.31 11.86	79.06 -7.41 13.62	74.99 -7.05 13.25	68.88 -5.99 11.98	64.41 -5.14 7.15	58.24 -7.13 0.02	51.18 -6.32 0.00	47.82 -4.96 0.00
NEG_PENN_ALLEGHNY 23528	98.04 -1.09 -0.15	88.82 -1.17 -0.37	75.42 -0.99 -0.44	69.21 -1.04 -0.80	63.98 -0.96 -1.11	67.06 -1.01 -0.45	73.36 -1.16 -1.89	77.19 -0.99 -2.09	79.47 -0.77 -2.90	75.84 -0.66 -3.23	66.09 -0.72 -1.29	71.12 -0.72 0.00	66.02 -0.80 0.00	65.69 -0.79 0.00	65.44 -0.79 0.00	70.95 -0.65 0.00	83.90 -0.68 -0.46	100.68 -0.60 -1.19	98.34 -0.57 -3.62	87.25 -0.43 -0.82	77.11 -0.46 -0.86	65.05 -0.78 -0.44	56.75 -0.75 0.00	52.52 -0.63 -0.37
NEG___GEN_MONROE 24207	92.15 -6.83 0.00	83.16 -6.45 0.00	70.65 -5.32 0.00	64.66 -4.79 0.00	59.37 -4.47 0.00	62.82 -4.80 0.00	67.04 -5.59 0.00	69.55 -6.54 0.00	70.42 -6.96 -0.03	67.07 -6.23 -0.03	60.54 -4.98 0.00	65.89 -5.96 -0.02	60.89 -5.95 -0.02	60.59 -5.92 -0.02	60.29 -5.96 -0.02	65.51 -6.09 0.00	76.41 -7.74 -0.04	91.19 -8.91 -0.01	86.81 -8.48 -0.01	79.51 -7.38 -0.04	70.28 -6.44 -0.02	60.08 -5.30 0.01	53.07 -4.43 0.00	49.46 -3.33 0.00

NEPA___ENERGY 23901	89.97 -9.01 0.00	81.01 -8.60 0.00	68.90 -7.06 0.00	62.79 -6.67 0.00	57.45 -6.38 0.00	60.79 -6.83 0.00	64.49 -8.13 0.00	67.35 -8.67 0.06	53.98 -8.59 14.78	50.93 -7.77 14.57	58.71 -6.75 0.06	56.00 -7.54 8.30	50.77 -7.55 8.49	49.03 -7.58 9.88	49.34 -7.42 9.47	63.95 -7.59 0.06	58.45 -9.59 16.07	70.48 -11.21 18.39	66.63 -10.77 17.89	61.33 -9.29 16.24	59.04 -7.98 9.69	57.78 -7.58 0.02	51.12 -6.38 0.00	47.98 -4.80 0.00
NEVERSink___HYD 23608	103.69 4.35 -0.36	94.27 3.76 -0.89	80.14 3.12 -1.06	74.14 2.78 -1.90	69.02 2.56 -2.63	71.53 2.84 -1.06	80.48 3.34 -4.51	84.87 3.80 -4.98	88.35 4.10 -6.91	84.63 3.66 -7.71	71.55 2.95 -3.08	75.08 3.24 -0.01	69.90 3.08 -0.01	69.55 3.06 0.00	69.41 3.18 0.00	75.25 3.65 0.00	90.10 4.88 -1.11	108.80 6.00 -2.70	109.69 5.91 -8.50	94.20 5.39 -1.95	83.28 4.52 -2.05	69.99 3.53 -1.08	60.55 3.05 -0.01	56.04 2.38 -0.88
NEWKRMKL_115KV_TB1 55635	104.60 3.46 -2.16	98.02 3.05 -5.36	84.99 2.66 -6.36	83.27 2.36 -11.45	81.85 2.17 -15.85	76.24 2.23 -6.39	102.15 2.40 -27.12	108.54 2.51 -29.93	121.47 2.55 -41.57	122.05 2.42 -46.37	86.36 2.29 -18.55	74.61 2.73 -0.05	69.41 2.54 -0.05	69.08 2.59 0.00	68.81 2.58 0.00	74.10 2.51 0.00	93.64 2.86 -6.67	119.35 3.00 -16.25	149.27 2.86 -51.13	101.39 2.78 -11.75	91.64 2.61 -12.33	74.17 2.29 -6.50	59.62 2.07 -0.05	60.09 2.01 -5.31
NEWTON___FALLS_HYD 23847	101.65 2.67 0.00	92.21 2.60 0.00	78.09 2.13 0.00	71.61 2.15 0.00	65.75 1.92 0.00	69.32 1.69 0.00	74.23 1.60 0.00	77.38 1.29 0.00	78.50 1.16 0.00	74.36 1.10 0.00	66.44 0.92 0.00	72.84 1.01 0.00	67.82 1.00 0.00	67.35 0.86 0.00	67.02 0.79 0.00	72.10 0.50 0.00	84.36 0.25 0.00	100.59 0.50 0.00	95.47 0.19 0.00	86.86 0.00 0.00	76.70 0.00 0.00	65.65 0.26 0.00	57.90 0.40 0.00	53.36 0.58 0.00
NGRID_A1_DSASP 323792	86.02 -12.96 0.00	77.70 -11.92 0.00	66.32 -9.65 0.00	60.50 -8.96 0.00	55.54 -8.30 0.00	58.77 -8.86 0.00	62.17 -10.46 0.04	64.55 -11.49 10.86	55.04 -11.45 10.71	52.15 -10.40 10.17	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.73 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.58 -14.58 13.13	62.24 -12.68 11.93	58.54 -11.04 7.12	55.76 -9.61 0.02	49.51 -7.99 0.00	46.18 -6.60 0.00
NGRID_A2_DSASP 323793	86.02 -12.96 0.00	77.70 -11.92 0.00	66.32 -9.65 0.00	60.50 -8.96 0.00	55.54 -8.30 0.00	58.77 -8.86 0.00	62.17 -10.46 0.00	64.55 -11.49 10.86	55.04 -11.45 10.71	52.15 -10.40 10.17	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.73 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.58 -14.58 13.13	62.24 -12.68 11.93	58.54 -11.04 7.12	55.76 -9.61 0.02	49.51 -7.99 0.00	46.18 -6.60 0.00
NGRID_A4_DSASP 323807	86.02 -12.96 0.00	77.70 -11.92 0.00	66.32 -9.65 0.00	60.50 -8.96 0.00	55.54 -8.30 0.00	58.77 -8.86 0.00	62.17 -10.46 0.00	64.55 -11.49 10.86	55.04 -11.45 10.71	52.15 -10.40 10.17	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.73 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.58 -14.58 13.13	62.24 -12.68 11.93	58.54 -11.04 7.12	55.76 -9.61 0.02	49.51 -7.99 0.00	46.18 -6.60 0.00
NIAGARA_115E_LBMP 323715	85.82 -13.16 0.00	77.25 -12.37 0.00	65.94 -10.03 0.00	60.15 -9.31 0.00	55.21 -8.62 0.00	58.43 -9.20 0.00	61.88 -10.75 0.00	64.41 -11.64 0.04	55.38 -11.60 10.36	52.50 -10.55 10.21	56.10 -9.37 0.04	55.81 -10.20 5.82	50.77 -10.09 5.96	49.65 -9.91 6.93	49.71 -9.87 6.64	60.81 -10.74 0.04	59.73 -13.12 11.26	71.07 -15.51 13.50	67.29 -14.86 13.13	62.54 -12.94 11.38	58.63 -11.27 6.80	55.56 -9.81 0.02	49.28 -8.22 0.00	45.92 -6.86 0.00
NIAGARA_115W_LBMP 323714	85.91 -13.07 0.00	77.61 -12.01 0.00	66.17 -9.80 0.00	60.36 -9.10 0.00	55.47 -8.36 0.00	58.70 -8.93 0.00	62.02 -10.61 0.00	64.48 -11.56 0.04	55.09 -11.45 10.81	52.20 -10.40 10.66	56.17 -9.30 0.04	55.71 -10.06 6.07	50.65 -9.96 6.21	49.49 -9.77 7.23	49.56 -9.73 6.93	60.81 -10.74 0.04	59.49 -12.87 11.76	71.27 -15.31 13.50	67.58 -14.58 13.13	62.30 -12.68 11.88	58.57 -11.04 7.09	55.69 -9.68 0.02	49.39 -8.11 0.00	46.13 -6.65 0.00
NIAGARA_230_LBMP 323716	87.00 -11.98 0.00	78.41 -11.20 0.00	66.85 -9.12 0.00	60.98 -8.48 0.00	55.98 -7.85 0.00	59.30 -8.32 0.00	62.82 -9.81 0.00	65.39 -10.65 0.04	55.71 -11.29 10.34	52.82 -10.26 10.19	56.96 -8.52 0.04	56.12 -9.91 5.80	51.12 -9.76 5.94	49.94 -9.64 6.91	50.00 -9.60 6.62	61.75 -9.81 0.04	60.25 -12.62 11.24	71.69 -14.91 13.48	67.88 -14.29 13.11	62.99 -12.51 11.36	59.03 -10.89 6.78	56.41 -8.96 0.02	50.03 -7.47 0.00	46.61 -6.18 0.00
NIAGARA___115KV_198_GIBSON 55903	86.21 -12.77 0.00	77.87 -11.74 0.00	66.47 -9.50 0.00	60.70 -8.75 0.00	55.66 -8.17 0.00	58.83 -8.79 0.00	62.24 -10.39 0.00	64.10 -11.95 0.04	55.08 -11.45 10.81	52.20 -10.40 10.66	56.17 -9.30 0.04	55.71 -10.06 6.07	50.65 -9.96 6.21	49.49 -9.77 7.23	49.56 -9.74 6.93	60.81 -10.74 0.04	59.48 -12.87 11.76	71.27 -15.31 13.50	67.57 -14.58 13.13	62.30 -12.68 11.88	58.57 -11.05 7.09	55.37 -10.00 0.02	49.16 -8.34 0.00	46.40 -6.39 0.00
NIAGARA___ 23760	87.00 -11.98 0.00	78.41 -11.20 0.00	66.85 -9.12 0.00	60.98 -8.48 0.00	55.98 -7.85 0.00	59.30 -8.32 0.00	62.82 -9.81 0.00	65.39 -10.65 0.04	55.71 -11.29 10.34	52.81 -10.26 10.19	56.96 -8.52 0.04	56.12 -9.91 5.80	51.12 -9.76 5.94	49.93 -9.64 6.91	50.00 -9.60 6.63	61.75 -9.81 0.04	60.25 -12.62 11.24	71.69 -14.91 13.49	67.87 -14.29 13.12	62.99 -12.51 11.36	59.03 -10.89 6.78	56.41 -8.96 0.02	50.03 -7.47 0.00	46.61 -6.18 0.00
NINE_MILE_1 23575	94.73 -4.25 0.00	85.67 -3.94 0.00	72.63 -3.34 0.00	66.33 -3.12 0.00	60.96 -2.87 0.00	64.58 -3.04 0.00	69.36 -3.27 0.00	72.67 -3.42 0.00	73.79 -3.56 0.00	69.97 -3.30 0.00	62.64 -2.88 0.00	68.61 -3.23 0.00	63.75 -3.07 0.00	63.43 -3.06 0.00	63.18 -3.05 0.00	68.38 -3.22 0.00	80.33 -3.78 0.00	95.69 -4.40 0.00	91.09 -4.19 0.00	83.04 -3.82 0.00	73.33 -3.37 0.00	62.58 -2.81 0.00	55.03 -2.47 0.00	50.51 -2.27 0.00
NINE_MILE_2 23744	94.73 -4.25 0.00	85.67 -3.94 0.00	72.63 -3.34 0.00	66.33 -3.12 0.00	60.96 -2.87 0.00	64.58 -3.04 0.00	69.36 -3.27 0.00	72.67 -3.42 0.00	73.79 -3.56 0.00	69.97 -3.30 0.00	62.64 -2.88 0.00	68.61 -3.23 0.00	63.75 -3.07 0.00	63.43 -3.06 0.00	63.18 -3.05 0.00	68.38 -3.22 0.00	80.33 -3.78 0.00	95.69 -4.40 0.00	91.09 -4.19 0.00	83.04 -3.82 0.00	73.33 -3.37 0.00	62.58 -2.81 0.00	55.03 -2.47 0.00	50.51 -2.27 0.00
NM_CAPITAL___DRP 24208	104.67 3.56 -2.12	98.02 3.14 -5.27	84.88 2.66 -6.25	83.15 2.43 -11.26	81.65 2.23 -15.58	76.20 2.30 -6.28	101.77 2.47 -26.67	108.19 2.66 -29.43	120.92 2.71 -40.87	121.42 2.56 -45.59	86.18 2.42 -18.23	74.69 2.80 -0.05	69.47 2.61 -0.05	69.15 2.66 0.00	68.88 2.65 0.00	74.25 2.65 0.00	93.78 3.11 -6.55	119.37 3.30 -15.98	148.79 3.24 -50.27	101.54 3.13 -11.56	91.66 2.84 -12.12	74.26 2.48 -6.39	59.73 2.19 -0.05	60.06 2.06 -5.22

NM_CENTRAL___DRP 24181	96.51 -2.47 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	61.98 -1.85 0.00	65.73 -1.89 0.00	70.59 -2.03 0.00	73.96 -2.13 0.00	75.18 -2.17 0.00	71.29 -1.98 0.00	63.82 -1.70 0.00	69.90 -1.94 0.00	64.95 -1.87 0.00	64.63 -1.86 0.00	64.37 -1.85 0.00	69.74 -1.86 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.69 -2.17 0.00	74.79 -1.92 0.00	63.75 -1.63 0.00	56.01 -1.50 0.00	51.46 -1.32 0.00
NM_FRONTIER___DRP 24179	86.21 -12.77 0.00	77.87 -11.74 0.00	66.47 -9.50 0.00	60.70 -8.75 0.00	55.66 -8.17 0.00	58.83 -8.79 0.00	62.24 -10.39 0.00	64.10 -11.95 0.04	55.08 -11.45 10.81	52.20 -10.40 10.66	56.17 -9.30 0.04	55.71 -10.06 6.07	50.65 -9.96 6.21	49.49 -9.77 7.23	49.56 -9.74 6.93	60.81 -10.74 0.04	59.48 -12.87 11.76	71.27 -15.31 13.50	67.57 -14.58 13.13	62.30 -12.68 11.88	58.57 -11.05 7.09	55.37 -10.00 0.02	49.16 -8.34 0.00	46.40 -6.39 0.00
NM_ST_REGIS___HYD 24053	101.65 2.67 0.00	92.66 3.05 0.00	78.47 2.51 0.00	72.16 2.71 0.00	66.26 2.43 0.00	69.79 2.16 0.00	74.81 2.18 0.00	77.69 1.60 0.00	78.81 1.47 0.00	74.88 1.61 0.00	66.96 1.44 0.00	73.42 1.58 0.00	68.36 1.54 0.00	68.08 1.60 0.00	67.62 1.39 0.00	72.46 0.86 0.00	84.36 0.25 0.00	100.09 0.00 0.00	95.00 -0.29 0.00	86.69 -0.17 0.00	76.70 0.00 0.00	65.78 0.39 0.00	58.19 0.69 0.00	53.73 0.95 0.00
NORTHPORT___1 23551	106.70 5.84 -1.88	100.28 5.11 -5.56	103.25 4.25 -23.03	97.30 3.96 -23.89	100.42 3.64 -32.95	103.36 3.99 -31.74	108.76 4.58 -31.55	121.18 5.40 -39.69	120.85 5.72 -37.78	115.03 5.13 -36.64	107.08 4.52 -37.04	102.00 5.10 -25.06	101.93 4.81 -30.29	105.60 4.79 -34.32	110.60 4.83 -39.54	120.98 5.22 -44.16	127.24 6.81 -36.32	149.27 7.51 -41.67	132.68 7.81 -29.58	125.03 7.38 -30.79	123.04 6.21 -40.13	107.13 5.16 -36.58	97.70 4.43 -35.77	98.79 3.64 -42.37
NORTHPORT___2 23552	106.70 5.84 -1.88	100.28 5.11 -5.56	103.25 4.25 -23.03	97.30 3.96 -23.89	100.42 3.64 -32.95	103.36 3.99 -31.74	108.76 4.58 -31.55	121.18 5.40 -39.69	120.85 5.72 -37.78	115.03 5.13 -36.64	107.08 4.52 -37.04	102.00 5.10 -25.06	101.93 4.81 -30.29	105.60 4.79 -34.32	110.60 4.83 -39.54	120.98 5.22 -44.16	127.24 6.81 -36.32	149.27 7.51 -41.67	132.68 7.81 -29.58	125.03 7.38 -30.79	123.04 6.21 -40.13	107.13 5.16 -36.58	97.70 4.43 -35.77	98.79 3.64 -42.37
NORTHPORT___3 23553	107.20 6.34 -1.88	100.74 5.56 -5.56	103.64 4.63 -23.03	97.58 4.24 -23.89	100.68 3.89 -32.95	103.56 4.19 -31.74	108.97 4.79 -31.55	121.33 5.55 -39.69	121.16 6.04 -37.78	115.47 5.57 -36.64	107.34 4.78 -37.04	102.35 5.46 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.94 5.17 -39.54	121.41 5.65 -44.16	127.74 7.31 -36.32	150.37 8.61 -41.67	133.34 8.48 -29.58	125.38 7.73 -30.79	123.55 6.75 -40.09	107.39 5.42 -36.58	97.93 4.66 -35.77	99.05 3.91 -42.37
NORTHPORT___4 23650	107.20 6.34 -1.88	100.74 5.56 -5.56	103.64 4.63 -23.03	97.58 4.24 -23.89	100.68 3.89 -32.95	103.56 4.19 -31.74	108.97 4.79 -31.55	121.33 5.55 -39.69	121.16 6.04 -37.78	115.47 5.57 -36.64	107.34 4.78 -37.04	102.35 5.46 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.94 5.17 -39.54	121.41 5.65 -44.16	127.74 7.31 -36.32	150.37 8.61 -41.67	133.34 8.48 -29.58	125.38 7.73 -30.79	123.55 6.75 -40.09	107.39 5.42 -36.58	97.93 4.66 -35.77	99.05 3.91 -42.37
NORTHPORT___IC 23718	106.60 5.74 -1.88	100.29 5.11 -5.56	103.33 4.33 -23.03	97.24 3.89 -23.89	100.36 3.57 -32.95	103.29 3.92 -31.74	108.75 4.58 -31.55	121.25 5.48 -39.68	120.70 5.57 -37.78	115.04 5.13 -36.64	107.09 4.52 -37.04	102.00 5.10 -25.06	101.92 4.81 -30.29	105.60 4.79 -34.32	110.60 4.83 -39.54	120.99 5.23 -44.16	127.24 6.81 -36.32	149.26 7.51 -41.67	132.68 7.81 -29.58	125.03 7.38 -30.79	123.04 6.21 -40.13	107.07 5.10 -36.58	97.70 4.43 -35.77	98.74 3.59 -42.37
NORTH___COUNTRY_ESR 323785	100.26 1.28 0.00	91.31 1.70 0.00	77.57 1.60 0.00	71.19 1.74 0.00	65.49 1.66 0.00	69.32 1.69 0.00	74.37 1.74 0.00	77.30 1.21 0.00	78.43 1.08 0.00	74.21 0.95 0.00	66.44 0.92 0.00	72.92 1.08 0.00	67.95 1.13 0.00	67.69 1.20 0.00	67.28 1.06 0.00	72.31 0.72 0.00	84.28 0.17 0.00	99.99 -0.10 0.00	94.81 -0.47 0.00	86.34 -0.52 0.00	76.40 -0.31 0.00	65.32 -0.07 0.00	57.62 0.12 0.00	53.26 0.47 0.00
NPX_GEN_1385_PROXY 323591	107.00 6.14 -1.88	101.00 5.82 -5.56	103.87 4.87 -23.03	98.00 4.65 -23.89	101.00 4.21 -32.95	104.24 4.87 -31.74	110.20 6.02 -31.55	122.70 6.92 -39.69	121.78 6.65 -37.78	115.55 5.64 -36.64	108.20 5.64 -37.04	103.00 6.10 -25.06	102.79 5.68 -30.29	106.00 5.19 -34.32	111.26 5.49 -39.54	121.49 5.73 -44.16	128.51 8.08 -36.32	150.17 8.41 -41.67	134.96 10.10 -29.58	126.68 9.03 -30.79	123.65 6.82 -40.13	107.98 6.01 -36.58	98.56 5.29 -35.77	99.00 3.85 -42.37
NPX_GEN_CSC 323557	107.99 7.13 -1.88	101.45 6.27 -5.56	104.32 5.32 -23.03	98.28 4.93 -23.89	101.32 4.53 -32.95	104.37 5.00 -31.74	109.41 5.23 -31.55	122.24 6.46 -39.69	122.01 6.88 -37.78	116.13 6.22 -36.64	107.81 5.24 -37.04	102.79 5.89 -25.06	102.66 5.54 -30.29	106.40 5.59 -34.32	111.20 5.43 -39.54	121.84 6.08 -44.16	128.42 7.99 -36.32	151.37 9.61 -41.67	134.21 9.34 -29.58	126.07 8.42 -30.79	123.83 7.05 -40.07	107.65 5.69 -36.58	98.16 4.88 -35.77	99.48 4.33 -42.37
NSINS_S___GLNS_FALLS 23858	110.80 8.22 -3.61	105.91 7.35 -8.95	92.90 6.31 -10.63	94.35 5.76 -19.13	95.61 5.30 -26.48	83.97 5.68 -10.67	124.12 6.17 -45.31	132.79 6.70 -50.01	153.83 7.04 -69.44	157.54 6.81 -77.46	102.40 5.90 -30.98	78.17 6.25 -0.08	72.71 5.81 -0.08	72.14 5.65 0.00	71.92 5.70 0.00	78.04 6.44 0.00	102.98 7.74 -11.13	136.65 9.41 -27.15	189.74 9.05 -85.41	114.57 8.08 -19.64	104.36 7.06 -20.60	82.06 5.82 -10.86	62.64 5.06 -0.08	66.08 4.43 -8.86
NUCOR_STEEL___DRP 24197	97.69 -1.29 0.00	88.27 -1.34 0.00	74.75 -1.22 0.00	68.27 -1.18 0.00	62.75 -1.09 0.00	66.48 -1.15 0.00	71.39 -1.23 0.00	74.87 -1.22 0.00	75.95 -1.39 0.00	72.09 -1.17 0.00	64.54 -0.98 0.00	70.69 -1.15 0.00	65.62 -1.20 0.00	65.23 -1.26 0.00	65.04 -1.19 0.00	70.52 -1.07 0.00	82.77 -1.35 0.00	98.69 -1.40 0.00	94.05 -1.24 0.00	85.64 -1.22 0.00	75.63 -1.07 0.00	64.41 -0.98 -0.01	56.58 -0.92 0.00	51.99 -0.79 0.00
NUMBER_THREE_WT_PWR 323818	102.64 3.66 0.00	92.84 3.22 0.00	78.70 2.73 0.00	71.88 2.43 0.00	66.13 2.29 0.00	69.99 2.37 0.00	74.81 2.18 0.00	78.30 2.21 0.00	79.35 2.01 0.00	74.65 1.39 0.00	66.70 1.18 0.00	72.98 1.15 0.00	68.02 1.20 0.00	67.49 1.00 0.00	67.16 0.93 0.00	72.60 1.00 0.00	85.37 1.26 0.00	101.99 1.90 0.00	96.90 1.62 0.00	88.08 1.22 0.00	77.70 0.99 0.00	66.23 0.85 0.00	58.13 0.63 0.00	53.36 0.58 0.00
NYISO_LBMP_REFERENCE 24008	98.98 0.00 0.00	89.61 0.00 0.00	75.97 0.00 0.00	69.46 0.00 0.00	63.83 0.00 0.00	67.62 0.00 0.00	72.63 0.00 0.00	76.09 0.00 0.00	77.34 0.00 0.00	73.26 0.00 0.00	65.52 0.00 0.00	71.84 0.00 0.00	66.82 0.00 0.00	66.49 0.00 0.00	66.23 0.00 0.00	71.60 0.00 0.00	84.11 0.00 0.00	100.09 0.00 0.00	95.28 0.00 0.00	86.86 0.00 0.00	76.70 0.00 0.00	65.39 0.00 0.00	57.50 0.00 0.00	52.78 0.00 0.00

NYPA_BRENTWD____GT 24164	107.89	101.36	104.17	98.07	101.13	104.10	109.55	121.94	121.70	115.92	107.81	102.79	102.66	106.33	111.33	121.84	128.33	150.96	134.10	126.17	123.96	107.78	98.33	99.42
	7.03	6.18	5.17	4.73	4.34	4.73	5.37	6.16	6.57	6.01	5.24	5.89	5.54	5.52	5.56	6.08	7.90	9.20	9.24	8.52	7.21	5.82	5.06	4.27
	-1.88	-5.56	-23.03	-23.89	-32.95	-31.74	-31.55	-39.69	-37.78	-36.64	-37.04	-25.06	-30.29	-34.32	-39.54	-44.16	-36.32	-41.67	-29.58	-30.79	-40.05	-36.58	-35.77	-42.37
NYPA_GOWANUS____GT5 24156	103.17	93.50	79.46	73.46	68.28	70.72	79.69	84.33	87.92	84.22	71.49	75.43	70.23	70.01	69.80	75.32	95.99	109.12	109.82	100.05	86.40	70.32	60.96	56.30
	3.86	3.05	2.50	2.22	1.98	2.10	2.83	3.58	4.10	3.73	3.08	3.59	3.41	3.52	3.57	3.72	5.55	6.50	6.57	6.08	5.22	3.92	3.45	2.69
	-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-6.33	-2.53	-7.97	-7.12	-4.48	-1.01	-0.01	-0.83
NYPA_GOWANUS____GT6 24157	103.17	93.50	79.46	73.46	68.28	70.72	79.69	84.33	87.92	84.22	71.49	75.43	70.23	70.01	69.80	75.32	95.99	109.12	109.82	100.05	86.40	70.32	60.96	56.30
	3.86	3.05	2.50	2.22	1.98	2.10	2.83	3.58	4.10	3.73	3.08	3.59	3.41	3.52	3.57	3.72	5.55	6.50	6.57	6.08	5.22	3.92	3.45	2.69
	-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-6.33	-2.53	-7.97	-7.12	-4.48	-1.01	-0.01	-0.83
NYPA_HARLEM__RVR__GT1 24160	102.87	93.23	79.24	73.26	67.96	70.37	79.24	83.87	87.60	83.70	71.09	74.99	69.83	69.61	69.40	74.89	90.02	108.32	108.96	93.98	83.69	69.85	60.49	56.04
	3.56	2.78	2.28	2.02	1.66	1.76	2.39	3.12	3.79	3.22	2.69	3.16	3.01	3.13	3.18	3.30	4.88	5.70	5.72	5.30	5.06	3.46	2.99	2.43
	-0.34	-0.83	-0.99	-1.78	-2.47	-0.99	-4.22	-4.66	-6.47	-7.22	-2.88	0.00	0.00	0.01	0.01	0.01	-1.03	-2.53	-7.96	-1.82	-1.92	-1.00	0.00	-0.83
NYPA_HARLEM__RVR__GT2 24161	102.87	93.23	79.24	73.26	67.96	70.37	79.24	83.87	87.60	83.70	71.09	74.99	69.83	69.61	69.40	74.89	90.02	108.32	108.96	93.98	83.69	69.85	60.49	56.04
	3.56	2.78	2.28	2.02	1.66	1.76	2.39	3.12	3.79	3.22	2.69	3.16	3.01	3.13	3.18	3.30	4.88	5.70	5.72	5.30	5.06	3.46	2.99	2.43
	-0.34	-0.83	-0.99	-1.78	-2.47	-0.99	-4.22	-4.66	-6.47	-7.22	-2.88	0.00	0.00	0.01	0.01	0.01	-1.03	-2.53	-7.96	-1.82	-1.92	-1.00	0.00	-0.83
NYPA_KENT____GT 24152	103.08	93.40	79.39	73.46	68.22	70.72	79.61	84.26	87.76	84.15	71.43	75.36	70.17	69.94	69.74	75.25	93.56	108.93	109.54	97.54	85.15	70.19	60.90	56.25
	3.76	2.95	2.43	2.22	1.91	2.10	2.76	3.50	3.94	3.66	3.02	3.52	3.34	3.46	3.51	3.65	5.39	6.31	6.29	5.82	5.06	3.79	3.39	2.64
	-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-4.07	-2.53	-7.97	-4.86	-3.39	-1.01	-0.01	-0.83
NYPA_POUCH1____GT 24155	102.78	71.06	58.60	59.77	66.07	70.38	79.33	83.95	87.53	56.80	55.80	58.75	57.34	64.43	69.47	58.78	95.57	108.73	109.44	99.62	86.10	69.99	60.78	56.14
	3.46	2.69	2.12	1.94	1.66	1.83	2.47	3.20	3.71	3.30	2.75	3.24	3.08	3.19	3.24	3.37	5.13	6.11	6.19	5.64	4.91	3.59	3.28	2.53
	-0.34	21.24	19.49	11.63	-0.58	-0.93	-4.23	-4.66	-6.48	19.76	12.47	16.32	12.55	5.25	0.00	16.19	-6.33	-2.53	-7.97	-7.12	-4.48	-1.01	-0.01	-0.83
NYPA_VERNON____GT2 24162	103.08	93.50	79.46	73.53	68.28	70.78	79.61	84.26	87.76	84.15	71.43	75.36	70.17	69.94	69.74	75.25	91.22	108.73	109.44	95.19	83.98	70.19	60.78	56.19
	3.76	3.05	2.50	2.29	1.98	2.16	2.76	3.50	3.94	3.66	3.02	3.52	3.34	3.46	3.51	3.65	5.30	6.11	6.19	5.73	4.98	3.79	3.28	2.59
	-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-1.81	-2.53	-7.97	-2.60	-2.29	-1.01	-0.01	-0.83
NYPA_VERNON____GT3 24163	103.08	93.50	79.46	73.53	68.28	70.78	79.61	84.26	87.76	84.15	71.43	75.36	70.17	69.94	69.74	75.25	91.22	108.73	109.44	95.19	83.98	70.19	60.78	56.19
	3.76	3.05	2.50	2.29	1.98	2.16	2.76	3.50	3.94	3.66	3.02	3.52	3.34	3.46	3.51	3.65	5.30	6.11	6.19	5.73	4.98	3.79	3.28	2.59
	-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-1.81	-2.53	-7.97	-2.60	-2.29	-1.01	-0.01	-0.83
NYPA__ASTORIA_CC1 323568	102.87	93.32	79.32	73.40	68.16	70.65	79.47	84.10	87.61	84.01	71.29	75.22	70.03	69.81	69.60	75.11	90.28	108.52	109.26	94.26	83.46	70.06	60.67	56.09
	3.56	2.87	2.36	2.16	1.85	2.03	2.61	3.34	3.79	3.52	2.88	3.38	3.21	3.32	3.38	3.51	5.13	5.90	6.01	5.56	4.84	3.66	3.16	2.48
	-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-1.04	-2.53	-7.97	-1.83	-1.92	-1.01	-0.01	-0.83
NYPA__ASTORIA_CC2 323569	102.87	93.32	79.32	73.40	68.16	70.65	79.47	84.10	87.61	84.01	71.29	75.22	70.03	69.81	69.60	75.11	90.28	108.52	109.26	94.26	83.46	70.06	60.67	56.09
	3.56	2.87	2.36	2.16	1.85	2.03	2.61	3.34	3.79	3.52	2.88	3.38	3.21	3.32	3.38	3.51	5.13	5.90	6.01	5.56	4.84	3.66	3.16	2.48
	-0.34	-0.83	-0.99	-1.78	-2.47	-1.00	-4.23	-4.66	-6.48	-7.23	-2.89	-0.01	-0.01	0.00	0.00	0.00	-1.04	-2.53	-7.97	-1.83	-1.92	-1.01	-0.01	-0.83
NYPA__HOLTSVILL 23794	107.20	100.74	103.71	97.72	100.81	103.70	108.97	121.49	121.24	115.41	107.28	102.21	102.13	105.86	110.74	121.27	127.66	150.26	133.34	125.38	123.30	107.26	97.88	99.16
	6.34	5.56	4.71	4.38	4.02	4.33	4.79	5.71	6.11	5.50	4.72	5.32	5.01	5.05	4.97	5.51	7.23	8.50	8.48	7.73	6.52	5.29	4.60	4.01
	-1.88	-5.56	-23.03	-23.89	-32.95	-31.74	-31.55	-39.69	-37.78	-36.64	-37.04	-25.06	-30.29	-34.32	-39.54	-44.16	-36.32	-41.67	-29.58	-30.79	-40.08	-36.58	-35.77	-42.37
NYPA____HELLGATE_GT1 24158	102.87	93.23	79.24	73.26	67.96	70.37	79.24	83.87	87.60	83.70	71.09	74.99	69.83	69.61	69.40	74.89	90.02	108.32	108.96	93.98	83.70	69.85	60.49	56.04
	3.56	2.78	2.28	2.02	1.66	1.76	2.39	3.12	3.79	3.22	2.69	3.16	3.01	3.13	3.18	3.30	4.88	5.70	5.72	5.30	5.06	3.46	2.99	2.43
	-0.34	-0.83	-0.99	-1.78	-2.47	-0.99	-4.22	-4.66	-6.47	-7.22	-2.88	0.00	0.00	0.01	0.01	0.01	-1.03	-2.53	-7.96	-1.82	-1.94	-1.00	0.00	-0.83
NYPA____HELLGATE_GT2 24159	102.87	93.23	79.24	73.26	67.96	70.37	79.24	83.87	87.60	83.70	71.09	74.99	69.83	69.61	69.40	74.89	90.02	108.32	108.96	93.98	83.70	69.85	60.49	56.04
	3.56	2.78	2.28	2.02	1.66	1.76	2.39	3.12	3.79	3.22	2.69	3.16	3.01	3.13	3.18	3.30	4.88	5.70	5.72	5.30	5.06	3.46	2.99	2.43
	-0.34	-0.83	-0.99	-1.78	-2.47	-0.99	-4.22	-4.66	-6.47	-7.22	-2.88	0.00	0.00	0.01	0.01	0.01	-1.03	-2.53	-7.96	-1.82	-1.94	-1.00	0.00	-0.83
NYS_BARGE__HYD 23848	87.20	78.50	66.93	61.05	56.04	59.30	62.90	65.55	56.92	53.98	57.09	57.02	51.99	50.93	50.91	61.89	61.48	73.42	69.54	64.34	60.03	56.48	50.08	46.61
	-11.78	-11.12	-9.04	-8.41	-7.79	-8.32	-9.73	-10.50	-10.67	-9.67	-8.39	-9.34	-9.22	-9.04	-9.07	-9.67	-12.03	-14.11	-13.53	-11.81	-10.28	-8.89	-7.42	-6.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	9.75	9.61	0.04	5.48	5.61	6.52	6.25	0.04	10.60	12.55	12.21	10.71	6.39	0.02	0.00	0.00

OAK ORCHARD___HYD 24046	92.64 -6.34 0.00	83.70 -5.92 0.00	71.10 -4.86 0.00	64.94 -4.51 0.00	59.62 -4.22 0.00	63.23 -4.39 0.00	67.47 -5.15 0.00	70.46 -5.63 0.00	70.87 -6.50 -0.02	67.50 -5.79 -0.02	61.00 -4.52 0.00	66.32 -5.53 -0.01	61.42 -5.41 -0.01	61.12 -5.38 -0.01	60.88 -5.36 -0.01	66.15 -5.44 0.00	76.99 -7.15 -0.02	91.89 -8.21 -0.01	87.58 -7.71 -0.01	80.02 -6.86 -0.03	70.74 -5.98 -0.01	60.86 -4.51 0.01	53.65 -3.85 0.00	49.56 -3.22 0.00
OAKDALE___35_KV_LOAD 356122	97.65 -1.48 -0.16	88.48 -1.52 -0.39	75.21 -1.22 -0.46	69.03 -1.25 -0.83	63.77 -1.21 -1.15	66.80 -1.28 -0.46	73.21 -1.38 -1.96	77.04 -1.22 -2.17	79.27 -1.08 -3.01	75.67 -0.95 -3.36	65.88 -0.98 -1.34	70.83 -1.01 0.00	65.75 -1.07 0.00	65.36 -1.13 0.00	65.17 -1.06 0.00	70.67 -0.93 0.00	83.58 -1.01 -0.48	100.22 -1.10 -1.24	98.09 -0.95 -3.76	86.84 -0.87 -0.85	76.83 -0.77 -0.89	64.80 -1.05 -0.46	56.53 -0.98 0.00	52.37 -0.79 -0.38
OCC_CHEM___DRP 24175	86.41 -12.57 0.00	78.05 -11.56 0.00	66.55 -9.42 0.00	60.77 -8.68 0.00	55.73 -8.11 0.00	58.97 -8.66 0.00	62.39 -10.24 0.00	64.25 -11.79 0.04	55.04 -11.45 10.86	52.15 -10.40 10.71	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.74 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.57 -14.58 13.13	62.25 -12.68 11.93	58.54 -11.05 7.12	55.50 -9.87 0.02	49.22 -8.28 0.00	46.45 -6.33 0.00
OH_GEN_PROXY 24063	87.10 -11.88 0.00	78.34 -11.03 0.25	67.00 -8.96 0.00	61.12 -8.34 0.00	56.11 -7.73 0.00	59.44 -8.18 0.00	63.04 -9.59 0.00	65.63 -10.42 0.04	56.95 -11.06 9.33	54.03 -10.03 9.20	57.16 -8.32 0.04	56.90 -9.70 5.24	51.90 -9.56 5.36	50.81 -9.44 6.24	50.84 -9.40 5.98	61.97 -9.59 0.04	61.68 -12.28 10.15	73.42 -14.51 12.15	69.55 -13.91 11.82	64.44 -12.16 10.25	60.00 -10.59 6.12	56.61 -8.76 0.02	50.20 -7.30 0.00	46.66 -6.12 0.00
OLIN_CORP_DRP 24177	86.21 -12.77 0.00	77.78 -11.83 0.00	66.32 -9.65 0.00	60.56 -8.89 0.00	55.47 -8.36 0.00	58.77 -8.86 0.00	62.24 -10.39 0.00	64.25 -11.79 0.05	55.18 -11.52 10.64	52.29 -10.48 10.49	56.30 -9.17 0.05	55.73 -10.13 5.98	50.74 -9.96 6.12	49.60 -9.77 7.12	49.60 -9.80 6.83	61.03 -10.52 0.05	59.59 -12.95 11.57	71.12 -15.31 13.66	67.33 -14.67 13.28	62.40 -12.77 11.69	58.60 -11.12 6.98	55.43 -9.94 0.02	49.16 -8.34 0.00	46.29 -6.49 0.00
OLIN_CORP_DSASP 323712	86.02 -12.96 0.00	77.70 -11.92 0.00	66.32 -9.65 0.00	60.50 -8.96 0.00	55.54 -8.30 0.00	58.77 -8.86 0.00	62.17 -10.46 0.00	64.55 -11.49 0.04	55.04 -11.45 10.86	52.15 -10.40 10.71	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.73 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.58 -14.58 13.13	62.24 -12.68 11.93	58.54 -11.04 7.12	55.76 -9.61 0.02	49.51 -7.99 0.00	46.18 -6.60 0.00
ONEIDA_HERK_LFGE 323681	102.35 3.37 0.00	92.57 2.95 0.00	78.47 2.50 0.00	71.68 2.22 0.00	65.88 2.04 0.00	69.79 2.16 0.00	74.81 2.18 0.00	78.45 2.36 0.00	79.66 2.32 0.00	75.24 1.98 0.00	67.22 1.70 0.00	73.63 1.80 0.00	68.55 1.73 0.00	68.02 1.53 0.00	67.75 1.52 0.00	73.31 1.72 0.00	86.21 2.10 0.00	102.89 2.80 0.00	97.76 2.47 0.00	88.94 2.08 0.00	78.39 1.69 0.00	66.82 1.44 0.00	58.59 1.09 0.00	53.78 1.00 0.00
ONEIDA___115KV_TB4 55905	101.85 2.87 0.00	92.21 2.60 0.00	78.09 2.13 0.00	71.33 1.88 0.00	65.56 1.72 0.00	69.52 1.89 0.00	74.66 2.03 0.00	78.30 2.21 0.00	79.59 2.24 0.00	75.31 2.05 0.00	67.35 1.83 0.00	73.70 1.87 0.00	68.62 1.80 0.00	68.08 1.60 0.00	67.88 1.66 0.00	73.53 1.93 0.00	86.38 2.27 0.00	102.99 2.90 0.00	97.95 2.67 0.00	89.12 2.26 0.00	78.54 1.84 0.00	66.82 1.44 0.00	58.65 1.15 0.00	53.89 1.11 0.00
ONONDAGA_REF_OCCRA 23987	97.10 -1.88 0.00	87.73 -1.88 0.00	74.30 -1.67 0.00	67.86 -1.60 0.00	62.37 -1.47 0.00	66.07 -1.56 0.00	70.96 -1.67 0.00	74.42 -1.67 0.00	75.64 -1.70 0.00	71.80 -1.47 0.00	64.21 -1.31 0.00	70.33 -1.51 0.00	65.35 -1.47 0.00	65.03 -1.46 0.00	64.77 -1.46 0.00	70.17 -1.43 0.00	82.43 -1.68 0.00	98.29 -1.80 0.00	93.57 -1.72 0.00	85.30 -1.56 0.00	75.32 -1.38 0.00	64.15 -1.24 -0.01	56.29 -1.21 0.00	51.73 -1.06 0.00
ONONDAGA___COGEN 23986	96.70 -2.28 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.80 -1.83 0.00	70.67 -1.96 0.00	74.11 -1.98 0.00	75.18 -2.17 0.00	71.43 -1.83 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.69 -1.80 0.00	64.44 -1.79 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.82 -1.57 0.00	56.06 -1.44 0.00	51.46 -1.32 0.00
ONTARIO___LFGE 23819	96.41 -2.57 0.00	87.28 -2.33 0.00	73.92 -2.05 0.00	67.44 -2.02 0.00	61.92 -1.91 0.00	65.66 -1.96 0.00	70.38 -2.25 0.00	73.91 -2.21 -0.03	81.51 -2.78 -6.95	77.91 -2.20 -6.85	63.58 -1.96 -0.03	73.44 -2.30 -3.90	68.41 -2.40 -3.99	68.67 -2.46 -4.64	68.30 -2.38 -4.45	69.41 -2.22 -0.03	88.47 -3.20 -7.55	105.23 -3.80 -8.95	100.56 -3.43 -8.70	91.71 -2.78 -7.63	79.26 -1.99 -4.55	63.46 -1.90 0.02	55.78 -1.72 0.00	51.30 -1.48 0.00
ORANGEVILLE_WT_PWR 323706	90.47 -8.51 0.00	81.55 -8.07 0.00	69.21 -6.76 0.00	62.92 -6.53 0.00	57.71 -6.13 0.00	60.93 -6.70 0.00	64.78 -7.85 0.00	67.69 -8.22 0.18	23.78 -8.59 44.97	20.95 -7.98 44.33	58.20 -7.14 0.18	38.76 -7.83 25.25	33.29 -7.68 25.85	28.71 -7.71 30.07	29.79 -7.61 28.83	63.46 -7.95 0.18	25.45 -9.76 48.91	31.12 -11.41 57.55	28.36 -10.95 55.97	27.89 -9.55 49.42	39.01 -8.21 29.49	57.91 -7.46 0.02	51.23 -6.27 0.00	47.56 -5.23 0.00
ORANGEVILLE___ESR 323794	90.47 -8.51 0.00	81.55 -8.07 0.00	69.21 -6.76 0.00	62.92 -6.53 0.00	57.71 -6.13 0.00	60.93 -6.70 0.00	64.78 -7.85 0.00	67.69 -8.22 0.18	23.78 -8.59 44.97	20.95 -7.98 44.33	58.20 -7.14 0.18	38.76 -7.83 25.25	33.29 -7.68 25.85	28.71 -7.71 30.07	29.79 -7.61 28.83	63.46 -7.95 0.18	25.45 -9.76 48.91	31.12 -11.41 57.55	28.36 -10.95 55.97	27.89 -9.55 49.42	39.01 -8.21 29.49	57.91 -7.46 0.02	51.23 -6.27 0.00	47.56 -5.23 0.00
OSWEGATCHIE___HYD 24044	101.65 2.67 0.00	92.21 2.60 0.00	78.24 2.28 0.00	71.61 2.16 0.00	65.75 1.91 0.00	69.32 1.69 0.00	74.22 1.60 0.00	77.38 1.29 0.00	78.51 1.16 0.00	74.36 1.10 0.00	66.44 0.92 0.00	72.84 1.01 0.00	67.82 1.00 0.00	67.35 0.86 0.00	67.03 0.80 0.00	72.10 0.50 0.00	84.36 0.25 0.00	100.59 0.50 0.00	95.48 0.19 0.00	86.86 0.00 0.00	76.70 0.00 0.00	65.58 0.20 0.00	57.85 0.35 0.00	53.31 0.53 0.00
OSWEGO___5 23606	95.42 -3.56 0.00	86.30 -3.31 0.00	73.16 -2.81 0.00	66.82 -2.64 0.00	61.41 -2.43 0.00	65.06 -2.57 0.00	69.87 -2.76 0.00	73.20 -2.89 0.00	74.33 -3.02 0.00	70.48 -2.78 0.00	63.10 -2.42 0.00	69.11 -2.73 0.00	64.28 -2.54 0.00	63.89 -2.59 0.00	63.64 -2.58 0.00	68.95 -2.65 0.00	80.92 -3.20 0.00	96.39 -3.70 0.00	91.76 -3.52 0.00	83.65 -3.21 0.00	73.95 -2.76 0.00	63.09 -2.29 0.00	55.43 -2.07 0.00	50.88 -1.90 0.00

OSWEGO___6 23613	95.42 -3.56 0.00	86.30 -3.31 0.00	73.16 -2.81 0.00	66.82 -2.64 0.00	61.41 -2.43 0.00	65.06 -2.57 0.00	69.87 -2.76 0.00	73.20 -2.89 0.00	74.33 -3.02 0.00	70.48 -2.78 0.00	63.10 -2.42 0.00	69.11 -2.73 0.00	64.28 -2.54 0.00	63.89 -2.59 0.00	63.64 -2.58 0.00	68.95 -2.65 0.00	80.92 -3.20 0.00	96.39 -3.70 0.00	91.76 -3.52 0.00	83.65 -3.21 0.00	73.95 -2.76 0.00	63.09 -2.29 0.00	55.43 -2.07 0.00	50.88 -1.90 0.00
OUTOKUMPU-AB___DRP 24206	88.09 -10.89 0.00	79.49 -10.13 0.00	67.76 -8.20 0.00	61.82 -7.64 0.00	56.68 -7.15 0.00	59.98 -7.64 0.00	63.55 -9.08 0.00	65.85 -10.20 0.05	55.92 -9.90 11.52	52.90 -9.01 11.36	57.61 -7.86 0.05	56.68 -8.69 6.47	51.58 -8.62 6.62	50.28 -8.51 7.70	50.37 -8.48 7.39	62.53 -9.02 0.05	60.40 -11.19 12.53	72.49 -13.11 14.49	68.62 -12.58 14.09	63.26 -10.94 12.66	59.64 -9.51 7.55	56.67 -8.70 0.02	50.25 -7.25 0.00	47.29 -5.49 0.00
OXBOW___BTM 323836	86.70 -12.28 0.00	78.23 -11.38 0.00	66.70 -9.27 0.00	60.84 -8.61 0.00	55.85 -7.98 0.00	59.10 -8.52 0.00	62.54 -10.09 0.00	65.16 -10.88 0.05	55.24 -10.90 11.20	52.33 -9.89 11.04	56.76 -8.71 0.05	56.00 -9.55 6.29	50.96 -9.42 6.44	49.76 -9.24 7.49	49.78 -9.27 7.18	61.60 -9.95 0.05	59.74 -12.20 12.18	71.68 -14.41 14.00	67.95 -13.72 13.62	62.57 -11.99 12.30	58.93 -10.43 7.34	56.21 -9.15 0.02	49.85 -7.65 0.00	46.50 -6.28 0.00
OXBOW___ 24026	87.00 -11.98 0.00	78.50 -11.11 0.00	67.00 -8.96 0.00	61.12 -8.33 0.00	56.05 -7.79 0.00	59.31 -8.32 0.00	62.75 -9.88 0.00	64.86 -11.19 0.05	55.32 -10.83 11.20	52.33 -9.89 11.04	56.76 -8.71 0.05	56.00 -9.55 6.29	50.96 -9.42 6.44	49.76 -9.24 7.49	49.78 -9.27 7.18	61.60 -9.95 0.05	59.74 -12.20 12.18	71.67 -14.41 14.00	67.95 -13.72 13.62	62.57 -11.99 12.30	58.93 -10.43 7.34	55.95 -9.42 0.02	49.62 -7.88 0.00	46.76 -6.02 0.00
OXY_CHEM_DSASP 323612	86.41 -12.57 0.00	78.05 -11.56 0.00	66.55 -9.42 0.00	60.77 -8.68 0.00	55.73 -8.11 0.00	58.97 -8.66 0.00	62.39 -10.24 0.00	64.25 -11.79 0.04	55.04 -11.45 10.86	52.15 -10.40 10.71	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.74 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.57 -14.58 13.13	62.25 -12.68 11.93	58.54 -11.05 7.12	55.50 -9.87 0.02	49.22 -8.28 0.00	46.45 -6.33 0.00
OZONE_PARK_ESR 323760	103.77 4.45 -0.34	94.21 3.76 -0.83	80.15 3.19 -0.99	74.02 2.78 -1.78	68.86 2.55 -2.47	71.39 2.77 -0.99	80.27 3.41 -4.23	84.94 4.18 -4.66	88.46 4.64 -6.48	84.81 4.32 -7.22	72.08 3.67 -2.89	76.01 4.17 -0.01	70.77 3.94 -0.01	70.54 4.06 0.00	70.33 4.11 0.00	75.89 4.30 0.00	91.04 5.89 -1.04	109.63 7.01 -2.53	110.21 6.96 -7.97	95.03 6.34 -1.83	84.07 5.45 -1.92	70.78 4.38 -1.01	61.24 3.74 -0.01	56.51 2.90 -0.83
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	86.41 -12.57 0.00	78.05 -11.56 0.00	66.55 -9.42 0.00	60.77 -8.68 0.00	55.73 -8.11 0.00	58.97 -8.66 0.00	62.39 -10.24 0.00	64.25 -11.79 0.04	55.04 -11.45 10.86	52.15 -10.40 10.71	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.74 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.57 -14.58 13.13	62.25 -12.68 11.93	58.54 -11.05 7.12	55.50 -9.87 0.02	49.22 -8.28 0.00	46.45 -6.33 0.00
PACKARD___115KV_DUPONT_184 80571	86.41 -12.57 0.00	78.05 -11.56 0.00	66.55 -9.42 0.00	60.77 -8.68 0.00	55.73 -8.11 0.00	58.97 -8.66 0.00	62.39 -10.24 0.00	64.25 -11.79 0.04	55.04 -11.45 10.86	52.15 -10.40 10.71	56.30 -9.17 0.04	55.68 -10.06 6.10	50.69 -9.89 6.24	49.46 -9.77 7.26	49.53 -9.74 6.96	60.96 -10.60 0.04	59.52 -12.78 11.81	71.37 -15.21 13.50	67.57 -14.58 13.13	62.25 -12.68 11.93	58.54 -11.05 7.12	55.50 -9.87 0.02	49.22 -8.28 0.00	46.45 -6.33 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	102.68 3.37 -0.34	92.96 2.51 -0.83	79.24 2.28 -0.99	72.98 1.74 -1.78	67.84 1.53 -2.47	70.24 1.62 -1.00	79.11 2.25 -4.23	83.80 3.04 -4.66	87.30 3.48 -6.48	83.64 3.15 -7.23	71.03 2.62 -2.89	74.93 3.09 -0.01	69.77 2.94 -0.01	69.55 3.06 0.00	69.34 3.11 0.00	74.82 3.22 0.00	89.94 4.79 -1.04	108.13 5.50 -2.53	108.87 5.62 -7.97	93.90 5.21 -1.83	83.46 4.83 -1.92	69.73 3.33 -1.01	60.38 2.87 -0.01	55.77 2.16 -0.83
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	103.57 4.26 -0.34	93.76 3.32 -0.83	79.92 2.96 -0.99	73.60 2.36 -1.78	68.41 2.11 -2.47	70.85 2.23 -1.00	79.76 2.91 -4.23	84.48 3.73 -4.66	88.00 4.18 -6.48	84.30 3.81 -7.23	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.94 3.71 0.00	75.39 3.79 0.00	90.70 5.55 -1.04	109.03 6.41 -2.53	109.64 6.38 -7.97	94.68 5.99 -1.83	84.15 5.52 -1.92	70.32 3.92 -1.01	60.90 3.39 -0.01	56.25 2.64 -0.83
PATROON___115KV_TB1 80586	104.99 3.66 -2.35	98.67 3.23 -5.83	85.70 2.81 -6.92	84.41 2.50 -12.46	83.37 2.30 -17.24	76.94 2.37 -6.94	104.67 2.54 -29.50	111.31 2.66 -32.55	125.33 2.78 -45.20	126.32 2.64 -50.42	88.18 2.49 -20.17	74.83 2.95 -0.05	69.61 2.74 -0.05	69.21 2.73 0.00	68.94 2.72 0.00	74.32 2.72 0.00	94.47 3.11 -7.25	121.07 3.30 -17.68	154.03 3.14 -55.60	102.68 3.04 -12.78	92.95 2.84 -13.41	74.94 2.48 -7.07	59.79 2.24 -0.05	60.66 2.11 -5.77
PATTRSNVILLE___SOLAR 323815	106.92 4.06 -3.88	102.82 3.59 -9.62	90.43 3.04 -11.42	92.80 2.78 -20.56	94.84 2.56 -28.45	81.80 2.71 -11.46	124.37 3.05 -48.70	133.17 3.34 -53.74	155.45 3.48 -74.63	159.72 3.22 -83.24	101.50 2.69 -33.29	74.87 2.95 -0.08	69.64 2.74 -0.08	69.15 2.66 0.00	68.94 2.72 0.00	74.82 3.22 0.00	100.20 4.12 -11.97	134.37 5.10 -29.18	192.02 4.95 -91.78	112.39 4.43 -21.10	102.67 3.83 -22.14	80.13 3.07 -11.67	60.23 2.65 -0.08	64.58 2.27 -9.53
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	89.48 -9.50 0.00	80.65 -8.96 0.00	68.60 -7.37 0.00	62.58 -6.88 0.00	57.32 -6.51 0.00	60.66 -6.97 0.00	64.49 -8.13 0.00	68.66 -7.38 0.05	58.68 -6.65 12.01	55.49 -5.93 11.84	59.77 -5.70 0.05	59.42 -5.68 6.74	54.10 -5.81 6.91	52.67 -5.78 8.03	52.77 -5.76 7.70	65.68 -5.87 0.05	63.56 -7.49 13.06	76.34 -8.71 15.05	72.27 -8.39 14.63	66.54 -7.12 13.20	62.69 -6.14 7.88	58.11 -7.26 0.02	51.12 -6.38 0.00	47.87 -4.91 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	104.57 5.25 -0.35	95.13 4.66 -0.86	80.94 3.95 -1.02	74.84 3.54 -1.84	69.70 3.32 -2.55	72.24 3.58 -1.03	80.98 3.99 -4.36	85.77 4.87 -4.81	89.36 5.34 -6.68	85.77 5.06 -7.45	72.83 4.32 -2.98	76.66 4.81 -0.01	71.44 4.61 -0.01	71.01 4.52 0.00	70.80 4.57 0.00	76.75 5.16 0.00	91.66 6.48 -1.07	110.41 7.71 -2.61	111.12 7.62 -8.22	95.70 6.95 -1.89	84.67 5.98 -1.98	71.33 4.90 -1.04	61.71 4.20 -0.01	56.80 3.17 -0.85
PEEKSKILL___ 23653	102.87 3.56 -0.33	93.49 3.05 -0.83	79.45 2.50 -0.98	73.51 2.29 -1.77	68.38 2.10 -2.44	70.84 2.23 -0.98	79.50 2.69 -4.18	83.97 3.27 -4.62	87.39 3.64 -6.41	83.78 3.37 -7.15	71.26 2.88 -2.86	75.15 3.31 -0.01	69.97 3.14 -0.01	69.68 3.19 0.00	69.47 3.24 0.00	75.11 3.51 0.00	89.85 4.71 -1.03	108.10 5.50 -2.51	108.69 5.52 -7.88	93.71 5.04 -1.81	82.97 4.37 -1.90	69.92 3.53 -1.00	60.50 2.99 -0.01	55.92 2.32 -0.82

PGE MADISON___WINDPWR 24146	108.91 9.71 -0.23	98.78 8.60 -0.56	83.93 7.29 -0.67	76.84 6.18 -1.20	71.05 5.55 -1.67	74.25 5.95 -0.67	81.58 6.10 -2.85	86.01 6.77 -3.16	90.78 6.65 -6.79	86.24 5.72 -7.26	72.06 4.58 -1.96	77.94 4.74 -1.36	72.56 4.34 -1.39	71.76 3.65 -1.62	71.42 3.64 -1.55	76.05 4.44 -0.01	93.08 5.64 -3.33	112.46 7.51 -4.86	110.78 7.05 -8.44	96.66 5.91 -3.89	84.50 4.91 -2.88	70.02 3.92 -0.71	60.61 3.10 0.00	56.24 2.90 -0.56
PIERCEFIELD___HYD 23852	101.36 2.38 0.00	92.30 2.69 0.00	78.17 2.20 0.00	71.89 2.43 0.00	65.94 2.11 0.00	69.32 1.69 0.00	74.30 1.67 0.00	77.23 1.14 0.00	78.35 1.01 0.00	74.51 1.25 0.00	66.57 1.05 0.00	73.06 1.22 0.00	67.96 1.14 0.00	67.69 1.20 0.00	67.22 0.99 0.00	72.03 0.43 0.00	83.86 -0.25 0.00	99.59 -0.50 0.00	94.52 -0.76 0.00	86.16 -0.69 0.00	76.24 -0.46 0.00	65.39 0.00 0.00	57.96 0.46 0.00	53.57 0.79 0.00
PINELAWN_CC_1 323563	107.10 6.24 -1.88	100.65 5.47 -5.56	103.56 4.56 -23.03	97.51 4.17 -23.89	100.68 3.89 -32.95	103.63 4.26 -31.74	109.04 4.87 -31.55	121.33 5.55 -39.69	121.16 6.04 -37.78	115.47 5.57 -36.64	107.34 4.78 -37.04	102.29 5.39 -25.06	102.19 5.08 -30.29	105.93 5.12 -34.32	110.94 5.17 -39.54	121.41 5.65 -44.16	127.83 7.40 -36.32	150.57 8.81 -41.67	133.53 8.67 -29.58	125.55 7.90 -30.79	123.36 6.75 -39.90	107.46 5.49 -36.58	97.99 4.72 -35.77	99.11 3.96 -42.37
PJM_GEN_HTP_PROXY 323702	103.17 3.86 -0.34	93.67 3.22 -0.83	79.62 2.66 -0.99	73.67 2.43 -1.78	68.54 2.23 -2.47	71.05 2.43 -0.99	79.83 2.98 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.22 3.73 -7.22	71.55 3.14 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.57 0.00	75.39 3.79 0.00	90.28 5.13 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.26 5.56 -1.83	83.38 4.76 -1.92	70.25 3.86 -1.01	60.78 3.28 -0.01	56.19 2.59 -0.83
PJM_GEN_KEystone 24065	46.87 -2.97 49.14	43.20 -2.96 43.46	41.81 -2.43 31.72	42.50 -2.29 24.66	44.30 -2.17 17.36	46.10 -2.30 19.23	49.57 -2.54 20.51	50.21 -2.28 23.60	48.45 -1.93 26.96	47.30 -1.76 24.20	45.20 -1.64 18.68	43.82 -1.72 26.29	41.27 -1.74 23.81	39.54 -1.73 25.22	39.34 -1.65 25.24	42.18 -1.64 27.77	46.05 -1.77 36.29	59.39 -2.11 38.59	58.94 -1.90 34.44	55.35 -1.56 29.95	53.04 -1.38 22.28	54.47 -1.63 9.28	46.50 -1.44 9.56	43.30 -1.32 8.16
PJM_GEN_NEPTUNE_PROXY 323594	105.18 5.05 -1.16	97.26 4.30 -3.35	92.24 3.57 -12.70	86.24 3.27 -13.52	85.49 3.00 -18.66	88.19 3.25 -17.32	95.14 3.77 -18.74	103.77 4.41 -23.26	105.32 4.88 -23.10	100.58 4.47 -22.85	90.41 3.86 -21.03	89.53 4.38 -13.31	87.05 4.14 -16.09	88.91 4.19 -18.23	91.47 4.24 -21.00	99.64 4.59 -23.45	109.95 6.06 -19.78	130.51 7.11 -23.32	121.78 7.05 -19.45	110.50 6.43 -17.21	105.40 5.60 -23.10	89.79 4.51 -19.90	80.35 3.85 -19.00	78.83 3.17 -22.89
PJM_GEN_VFT_PROXY 323633	77.07 3.17 25.08	70.87 2.51 21.25	58.60 2.12 19.50	59.70 1.88 11.63	66.13 1.72 -0.57	70.44 1.89 -0.92	79.32 2.47 -4.22	83.79 3.05 -4.66	87.21 3.40 -6.47	56.71 3.22 19.77	55.73 2.69 12.48	58.59 3.09 16.33	57.19 2.94 12.56	64.29 3.06 5.26	65.50 3.11 3.84	58.70 3.30 16.19	52.38 4.62 36.35	45.76 5.40 59.73	46.55 5.43 54.16	53.13 4.95 38.68	52.38 4.22 28.54	63.99 3.40 4.79	60.37 2.87 0.00	55.82 2.22 -0.82
PLATSBURG_115KV_PMLD1 355749	101.06 2.08 0.00	92.12 2.51 0.00	78.09 2.13 0.00	71.89 2.43 0.00	66.13 2.30 0.00	69.99 2.37 0.00	75.10 2.47 0.00	77.99 1.90 0.00	79.12 1.78 0.00	74.88 1.61 0.00	67.03 1.51 0.00	73.56 1.72 0.00	68.62 1.80 0.00	68.35 1.86 0.00	67.88 1.66 0.00	72.96 1.36 0.00	84.95 0.84 0.00	100.59 0.50 0.00	95.38 0.10 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.91 0.52 0.00	58.13 0.63 0.00	53.94 1.16 0.00
PLEASANTVLY___LBMP 24000	102.90 3.56 -0.35	93.54 3.05 -0.88	79.67 2.66 -1.05	73.63 2.29 -1.88	68.55 2.11 -2.60	70.97 2.30 -1.05	79.77 2.69 -4.46	84.28 3.27 -4.92	87.73 3.56 -6.83	84.18 3.30 -7.62	71.38 2.82 -3.05	75.08 3.23 -0.01	69.90 3.07 -0.01	69.61 3.12 0.00	69.41 3.18 0.00	75.03 3.44 0.00	89.75 4.54 -1.10	108.06 5.30 -2.67	108.93 5.24 -8.40	93.66 4.86 -1.93	82.95 4.22 -2.03	69.85 3.40 -1.07	60.38 2.87 -0.01	55.92 2.27 -0.87
PLSNTVLE_13_KV_13.8KVDIST 80602	103.18 3.86 -0.34	93.77 3.32 -0.84	79.78 2.81 -1.00	73.75 2.50 -1.80	68.62 2.30 -2.48	71.13 2.50 -1.00	79.86 2.98 -4.25	84.43 3.65 -4.69	87.81 3.94 -6.52	84.20 3.66 -7.27	71.57 3.14 -2.91	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.39 3.79 0.00	90.29 5.13 -1.04	108.64 6.01 -2.55	109.21 5.91 -8.02	94.17 5.47 -1.84	83.39 4.76 -1.93	70.20 3.79 -1.02	60.73 3.22 -0.01	56.15 2.53 -0.83
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	103.18 3.86 -0.34	93.77 3.32 -0.84	79.78 2.81 -1.00	73.75 2.50 -1.80	68.62 2.30 -2.48	71.13 2.50 -1.00	79.86 2.98 -4.25	84.43 3.65 -4.69	87.81 3.94 -6.52	84.20 3.66 -7.27	71.57 3.14 -2.91	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.39 3.79 0.00	90.29 5.13 -1.04	108.64 6.01 -2.55	109.21 5.91 -8.02	94.17 5.47 -1.84	83.39 4.76 -1.93	70.20 3.79 -1.02	60.73 3.22 -0.01	56.15 2.53 -0.83
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	103.91 4.55 -0.38	94.50 3.94 -0.94	80.42 3.34 -1.11	74.45 2.99 -2.01	69.36 2.74 -2.78	71.72 2.98 -1.12	80.79 3.41 -4.75	85.37 4.03 -5.24	89.04 4.41 -7.28	85.42 4.03 -8.12	72.18 3.41 -3.25	75.65 3.81 -0.01	70.44 3.61 -0.01	70.15 3.66 0.00	69.94 3.71 0.00	75.75 4.15 0.00	90.66 5.38 -1.17	109.34 6.41 -2.85	110.53 6.29 -8.96	94.65 5.73 -2.06	83.77 4.91 -2.16	70.51 3.99 -1.14	60.90 3.39 -0.01	56.40 2.69 -0.93
POLETTI___ 23519	102.78 3.46 -0.34	93.32 2.87 -0.83	79.47 2.51 -0.99	73.39 2.15 -1.78	68.28 1.98 -2.47	70.78 2.16 -0.99	79.54 2.69 -4.23	84.18 3.42 -4.66	87.69 3.87 -6.48	39.49 3.44 37.22	39.49 2.88 28.91	39.49 3.38 35.72	39.49 3.21 30.54	39.56 3.32 30.26	39.49 3.38 30.11	39.49 3.51 35.62	39.49 4.88 49.50	41.01 5.81 64.88	42.02 5.81 59.07	40.24 5.30 51.92	39.49 4.53 41.74	39.49 3.60 29.49	39.49 3.11 21.11	39.38 2.32 15.72
POMONA___ESR 323819	102.47 3.17 -0.32	93.10 2.69 -0.80	79.12 2.20 -0.95	73.19 2.02 -1.72	68.06 1.85 -2.37	70.54 1.96 -0.96	79.16 2.47 -4.06	83.54 2.96 -4.48	86.89 3.32 -6.22	83.28 3.08 -6.94	70.85 2.55 -2.78	74.79 2.95 -0.01	69.63 2.81 -0.01	69.35 2.86 0.00	69.14 2.91 0.00	74.74 3.15 0.00	89.40 4.29 -1.00	107.62 5.10 -2.43	107.99 5.05 -7.66	93.31 4.69 -1.76	82.61 4.06 -1.85	69.56 3.20 -0.97	60.21 2.70 -0.01	55.69 2.11 -0.79
PORT_JEFF_3 23555	107.59 6.73 -1.88	101.09 5.91 -5.56	103.94 4.94 -23.03	97.93 4.58 -23.89	101.00 4.21 -32.95	103.97 4.60 -31.74	109.19 5.01 -31.55	121.72 5.94 -39.69	121.47 6.34 -37.78	115.69 5.79 -36.64	107.41 4.85 -37.04	102.43 5.53 -25.06	102.26 5.15 -30.29	106.00 5.19 -34.32	110.87 5.10 -39.54	121.49 5.73 -44.16	127.91 7.48 -36.32	150.67 8.90 -41.67	133.63 8.76 -29.58	125.64 7.99 -30.79	123.45 6.67 -40.07	107.39 5.42 -36.58	98.04 4.77 -35.77	99.32 4.17 -42.37

PORT_JEFF_4 23616	107.59 6.73 -1.88	101.09 5.91 -5.56	103.94 4.94 -23.03	97.93 4.58 -23.89	101.00 4.21 -32.95	103.97 4.60 -31.74	109.19 5.01 -31.55	121.72 5.94 -39.69	121.47 6.34 -37.78	115.69 5.79 -36.64	107.41 4.85 -37.04	102.43 5.53 -25.06	102.26 5.15 -30.29	106.00 5.19 -34.32	110.87 5.10 -39.54	121.49 5.73 -44.16	127.91 7.48 -36.32	150.67 8.90 -41.67	133.63 8.76 -29.58	125.64 7.99 -30.79	123.45 6.67 -40.07	107.39 5.42 -36.58	98.04 4.77 -35.77	99.32 4.17 -42.37
PORT_JEFF_IC 23713	107.69 6.83 -1.88	101.18 6.00 -5.56	104.17 5.17 -23.03	97.93 4.58 -23.89	101.06 4.28 -32.95	104.03 4.67 -31.74	109.26 5.08 -31.55	121.94 6.16 -39.68	121.55 6.42 -37.78	115.84 5.93 -36.64	107.41 4.85 -37.04	102.43 5.53 -25.06	102.26 5.15 -30.29	106.06 5.25 -34.32	110.93 5.17 -39.54	121.49 5.73 -44.16	128.00 7.57 -36.32	150.67 8.91 -41.67	133.72 8.86 -29.58	125.64 7.99 -30.79	123.52 6.75 -40.07	107.39 5.43 -36.58	98.16 4.89 -35.77	99.37 4.22 -42.37
PPL PILGRIM_ST_GT1 24216	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.07 4.73 -23.89	101.13 4.34 -32.95	104.10 4.73 -31.74	109.55 5.37 -31.55	121.94 6.16 -39.69	121.70 6.57 -37.78	115.92 6.01 -36.64	107.81 5.24 -37.04	102.79 5.89 -25.06	102.66 5.54 -30.29	106.33 5.52 -34.32	111.33 5.56 -39.54	121.84 6.08 -44.16	128.33 7.90 -36.32	150.96 9.20 -41.67	134.10 9.24 -29.58	126.17 8.52 -30.79	123.96 7.21 -40.05	107.78 5.82 -36.58	98.33 5.06 -35.77	99.42 4.27 -42.37
PPL PILGRIM_ST_GT2 24217	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.07 4.73 -23.89	101.13 4.34 -32.95	104.10 4.73 -31.74	109.55 5.37 -31.55	121.94 6.16 -39.69	121.70 6.57 -37.78	115.92 6.01 -36.64	107.81 5.24 -37.04	102.79 5.89 -25.06	102.66 5.54 -30.29	106.33 5.52 -34.32	111.33 5.56 -39.54	121.84 6.08 -44.16	128.33 7.90 -36.32	150.96 9.20 -41.67	134.10 9.24 -29.58	126.17 8.52 -30.79	123.96 7.21 -40.05	107.78 5.82 -36.58	98.33 5.06 -35.77	99.42 4.27 -42.37
PPL_SHRM_GT3 24213	107.99 7.13 -1.88	101.54 6.36 -5.56	104.40 5.39 -23.03	98.35 5.00 -23.89	101.39 4.60 -32.95	104.37 5.00 -31.74	109.48 5.30 -31.55	122.32 6.54 -39.69	122.01 6.88 -37.78	116.21 6.30 -36.64	107.87 5.30 -37.04	102.86 5.96 -25.06	102.73 5.61 -30.29	106.46 5.65 -34.32	111.20 5.43 -39.54	121.92 6.16 -44.16	128.51 8.08 -36.32	151.47 9.71 -41.67	134.30 9.44 -29.58	126.17 8.52 -30.79	123.91 7.13 -40.07	107.72 5.76 -36.58	98.22 4.95 -35.77	99.53 4.38 -42.37
PPL_SHRM_GT4 24214	107.99 7.13 -1.88	101.54 6.36 -5.56	104.40 5.39 -23.03	98.35 5.00 -23.89	101.39 4.60 -32.95	104.37 5.00 -31.74	109.48 5.30 -31.55	122.32 6.54 -39.69	122.01 6.88 -37.78	116.21 6.30 -36.64	107.87 5.30 -37.04	102.86 5.96 -25.06	102.73 5.61 -30.29	106.46 5.65 -34.32	111.20 5.43 -39.54	121.92 6.16 -44.16	128.51 8.08 -36.32	151.47 9.71 -41.67	134.30 9.44 -29.58	126.17 8.52 -30.79	123.91 7.13 -40.07	107.72 5.76 -36.58	98.22 4.95 -35.77	99.53 4.38 -42.37
PROJECT___ORANGE 1 24174	96.51 -2.47 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.73 -1.89 0.00	70.59 -2.03 0.00	74.03 -2.05 0.00	75.18 -2.17 0.00	71.36 -1.90 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.63 -1.86 0.00	64.37 -1.85 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.69 -2.40 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.75 -1.63 0.00	56.01 -1.50 0.00	51.46 -1.32 0.00
PROJECT___ORANGE 2 24166	96.51 -2.47 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.73 -1.89 0.00	70.59 -2.03 0.00	74.03 -2.05 0.00	75.18 -2.17 0.00	71.36 -1.90 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.63 -1.86 0.00	64.37 -1.85 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.69 -2.40 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.75 -1.63 0.00	56.01 -1.50 0.00	51.46 -1.32 0.00
PUCKETT___SOLAR 323809	100.56 1.39 -0.19	91.17 1.08 -0.47	77.37 0.84 -0.56	71.09 0.62 -1.02	65.75 0.51 -1.40	68.73 0.54 -0.57	75.54 0.51 -2.40	79.58 0.84 -2.65	81.88 0.85 -3.68	78.10 0.73 -4.11	67.56 0.40 -1.64	72.27 0.43 0.00	67.16 0.34 0.00	66.69 0.20 0.00	66.49 0.27 0.00	72.24 0.64 0.00	85.63 0.93 -0.59	102.98 1.40 -1.49	101.30 1.43 -4.58	89.12 1.22 -1.04	78.79 0.99 -1.09	66.42 0.46 -0.58	57.79 0.29 0.00	53.57 0.32 -0.47
PYRITES___HYD 24023	103.24 4.26 0.00	94.00 4.39 0.00	79.61 3.65 0.00	73.14 3.68 0.00	67.15 3.32 0.00	70.74 3.11 0.00	75.75 3.12 0.00	78.83 2.74 0.00	79.97 2.63 0.00	75.83 2.56 0.00	67.75 2.23 0.00	74.21 2.37 0.00	69.09 2.27 0.00	68.75 2.26 0.00	68.35 2.12 0.00	73.46 1.86 0.00	85.71 1.60 0.00	101.89 1.80 0.00	96.71 1.43 0.00	88.08 1.22 0.00	77.85 1.15 0.00	66.69 1.31 0.00	58.94 1.44 0.00	54.42 1.64 0.00
QUAKERRD_115KV_BK1 80622	91.85 -7.13 0.00	82.98 -6.63 0.00	70.50 -5.47 0.00	64.45 -5.00 0.00	59.11 -4.72 0.00	62.62 -5.00 0.00	66.96 -5.67 0.00	69.62 -6.47 0.00	70.38 -6.96 0.00	66.96 -6.30 0.00	60.47 -5.05 0.00	65.80 -6.03 0.00	61.01 -5.81 0.00	60.70 -5.78 0.00	60.47 -5.76 0.00	65.66 -5.94 0.00	76.54 -7.57 0.00	91.25 -8.81 0.03	86.96 -8.29 0.03	79.39 -7.47 0.00	70.18 -6.52 0.00	60.15 -5.23 0.01	53.02 -4.48 0.00	49.14 -3.64 0.00
QUEENSBRY_115KV_TB8 356137	111.13 8.51 -3.64	106.25 7.62 -9.02	93.21 6.53 -10.71	94.65 5.90 -19.29	96.02 5.49 -26.70	84.20 5.82 -10.75	124.70 6.39 -45.68	133.43 6.92 -50.42	154.63 7.27 -70.01	158.39 7.03 -78.09	102.91 6.16 -31.23	78.38 6.47 -0.08	72.91 6.01 -0.08	72.34 5.85 0.00	72.12 5.89 0.00	78.26 6.66 0.00	103.33 7.99 -11.23	137.17 9.71 -27.38	190.73 9.34 -86.11	114.99 8.34 -19.80	104.76 7.29 -20.77	82.35 6.02 -10.94	62.81 5.23 -0.08	66.31 4.59 -8.94
RAMAPO___LBMP 323565	102.17 2.87 -0.32	92.83 2.42 -0.80	78.97 2.05 -0.95	72.97 1.81 -1.71	67.86 1.66 -2.36	70.40 1.83 -0.95	78.85 2.18 -4.05	83.37 2.82 -4.46	86.64 3.09 -6.20	83.04 2.86 -6.91	70.71 2.42 -2.77	74.65 2.80 -0.01	69.50 2.67 -0.01	69.15 2.66 0.00	69.01 2.78 0.00	74.61 3.01 0.00	89.23 4.12 -0.99	107.32 4.80 -2.42	107.67 4.76 -7.62	93.04 4.43 -1.75	82.38 3.84 -1.84	69.36 3.01 -0.97	60.04 2.53 -0.01	55.47 1.90 -0.79
RANKINE____ 23646	89.28 -9.70 0.00	80.47 -9.14 0.00	68.52 -7.44 0.00	62.51 -6.95 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.28 -8.35 0.00	67.21 -8.83 0.06	54.52 -8.74 14.08	51.47 -7.91 13.88	58.58 -6.88 0.06	56.32 -7.61 7.91	51.11 -7.62 8.10	49.49 -7.58 9.41	49.65 -7.55 9.03	63.88 -7.66 0.06	58.96 -9.84 15.31	70.98 -11.51 17.60	67.12 -11.05 17.11	61.83 -9.55 15.47	59.19 -8.28 9.23	57.52 -7.85 0.02	50.83 -6.67 0.00	47.71 -5.07 0.00
RAVENSWOOD_GT2_1 24244	103.08 3.76 -0.34	93.50 3.05 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.32 3.72 0.00	90.28 5.13 -1.04	108.63 6.01 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.73 3.22 -0.01	56.09 2.48 -0.83

RAVENSWOOD_GT2_2 24245	103.08 3.76 -0.34	93.50 3.05 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.69 2.83 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.32 3.72 0.00	90.28 5.13 -1.04	108.63 6.01 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.73 3.22 -0.01	56.09 2.48 -0.83
RAVENSWOOD_GT2_3 24246	103.08 3.76 -0.34	93.59 3.14 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.55 3.14 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.34 5.65 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT2_4 24247	103.08 3.76 -0.34	93.59 3.14 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.55 3.14 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.34 5.65 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT3_1 24248	103.08 3.76 -0.34	93.50 3.05 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.69 2.83 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.80 3.58 0.00	75.32 3.72 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.73 3.22 -0.01	56.09 2.48 -0.83
RAVENSWOOD_GT3_2 24249	103.08 3.76 -0.34	93.50 3.05 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.69 2.83 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	69.95 3.46 0.00	69.80 3.58 0.00	75.32 3.72 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.73 3.22 -0.01	56.09 2.48 -0.83
RAVENSWOOD_GT3_3 24250	103.18 3.86 -0.34	93.67 3.23 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -1.00	79.83 2.98 -4.23	84.48 3.73 -4.66	87.92 4.10 -6.48	84.30 3.81 -7.23	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.46 3.87 0.00	90.45 5.30 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.42 5.73 -1.83	83.53 4.91 -1.92	70.26 3.86 -1.01	60.84 3.33 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT3_4 24251	103.18 3.86 -0.34	93.67 3.23 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -1.00	79.83 2.98 -4.23	84.48 3.73 -4.66	87.92 4.10 -6.48	84.30 3.81 -7.23	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.87 3.64 0.00	75.46 3.87 0.00	90.45 5.30 -1.04	108.83 6.21 -2.53	109.44 6.19 -7.97	94.42 5.73 -1.83	83.53 4.91 -1.92	70.26 3.86 -1.01	60.84 3.33 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT_1 23729	102.98 3.66 -0.34	93.32 2.87 -0.83	79.47 2.51 -0.99	73.32 2.08 -1.78	68.22 1.92 -2.47	70.72 2.10 -1.00	79.54 2.69 -4.23	84.33 3.58 -4.66	87.77 3.94 -6.48	84.15 3.66 -7.23	71.42 3.01 -2.89	75.36 3.52 -0.01	70.17 3.34 -0.01	69.95 3.46 0.00	69.74 3.51 0.00	75.25 3.65 0.00	91.22 5.30 -1.81	108.73 6.11 -2.53	109.44 6.19 -7.97	95.19 5.73 -2.60	83.98 4.99 -2.29	70.19 3.79 -1.01	60.78 3.28 -0.01	56.09 2.48 -0.83
RAVENSWOOD_GT_10 24258	103.08 3.76 -0.34	93.59 3.14 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.55 3.14 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.32 3.72 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.09 2.48 -0.83
RAVENSWOOD_GT_11 24259	103.08 3.76 -0.34	93.59 3.14 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.55 3.14 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.32 3.72 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.09 2.48 -0.83
RAVENSWOOD_GT_4 24252	103.08 3.76 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.55 3.14 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.95 5.21 -1.62	108.73 6.11 -2.53	109.35 6.10 -7.97	94.83 5.56 -2.42	83.66 4.76 -2.20	70.26 3.86 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT_5 24254	103.08 3.76 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.55 3.14 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.95 5.21 -1.62	108.73 6.11 -2.53	109.35 6.10 -7.97	94.83 5.56 -2.42	83.66 4.76 -2.20	70.26 3.86 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT_6 24253	103.08 3.76 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.55 3.14 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.95 5.21 -1.62	108.73 6.11 -2.53	109.35 6.10 -7.97	94.83 5.56 -2.42	83.66 4.76 -2.20	70.26 3.86 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT_7 24255	103.08 3.76 -0.34	93.59 3.14 -0.83	79.69 2.73 -0.99	73.60 2.36 -1.78	68.47 2.17 -2.47	70.99 2.37 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.55 3.14 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.39 3.79 0.00	90.95 5.21 -1.62	108.73 6.11 -2.53	109.35 6.10 -7.97	94.83 5.56 -2.42	83.66 4.76 -2.20	70.26 3.86 -1.01	60.78 3.28 -0.01	56.14 2.53 -0.83
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	103.08 3.76 -0.34	93.59 3.14 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.55 3.14 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.32 3.72 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.09 2.48 -0.83

RAVENSWOOD_GT_9 24257	103.08 3.76 -0.34	93.59 3.14 -0.83	79.62 2.66 -0.99	73.53 2.29 -1.78	68.41 2.11 -2.47	70.92 2.30 -1.00	79.76 2.91 -4.23	84.41 3.65 -4.66	87.84 4.02 -6.48	84.15 3.66 -7.23	71.55 3.14 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.80 3.58 0.00	75.32 3.72 0.00	90.36 5.21 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.25 5.56 -1.83	83.46 4.83 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.09 2.48 -0.83
RAVENSWOOD___1 23533	103.08 3.76 -0.34	93.40 2.95 -0.83	79.39 2.43 -0.99	73.46 2.22 -1.78	68.28 1.98 -2.47	70.72 2.10 -1.00	79.61 2.76 -4.23	84.18 3.43 -4.66	87.76 3.94 -6.48	84.08 3.59 -7.23	71.43 3.02 -2.89	75.29 3.45 -0.01	70.17 3.34 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.25 3.65 0.00	90.37 5.22 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.33 5.64 -1.83	83.54 4.91 -1.92	70.12 3.73 -1.01	60.73 3.22 -0.01	56.14 2.53 -0.83
RAVENSWOOD___2 23534	102.98 3.66 -0.34	93.40 2.95 -0.83	79.39 2.43 -0.99	73.46 2.22 -1.78	68.22 1.91 -2.47	70.72 2.10 -1.00	79.54 2.69 -4.23	84.18 3.43 -4.66	87.69 3.87 -6.48	84.08 3.59 -7.23	71.36 2.95 -2.89	75.29 3.45 -0.01	70.10 3.27 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.18 3.58 0.00	90.37 5.22 -1.04	108.63 6.00 -2.53	109.35 6.10 -7.97	94.33 5.64 -1.83	83.54 4.91 -1.92	70.12 3.73 -1.01	60.73 3.22 -0.01	56.14 2.53 -0.83
RAVENSWOOD___3 23535	103.17 3.86 -0.34	93.58 3.13 -0.83	79.62 2.66 -0.99	73.60 2.36 -1.78	68.48 2.17 -2.47	70.99 2.37 -1.00	79.76 2.91 -4.23	84.33 3.58 -4.66	87.76 3.94 -6.48	84.15 3.66 -7.23	71.49 3.08 -2.89	75.43 3.59 -0.01	70.23 3.41 -0.01	69.94 3.46 0.00	69.80 3.57 0.00	75.32 3.72 0.00	90.37 5.22 -1.04	108.73 6.11 -2.53	109.35 6.10 -7.97	94.26 5.56 -1.83	83.46 4.84 -1.92	70.19 3.79 -1.01	60.78 3.28 -0.01	56.19 2.59 -0.83
RAVENSWOOD___4 23820	102.98 3.66 -0.34	93.40 2.95 -0.83	79.39 2.43 -0.99	73.40 2.16 -1.78	68.22 1.91 -2.47	70.72 2.10 -1.00	79.54 2.69 -4.23	84.18 3.43 -4.66	87.69 3.87 -6.48	84.01 3.52 -7.23	71.36 2.95 -2.89	75.29 3.45 -0.01	70.10 3.27 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.18 3.58 0.00	89.61 5.22 -0.28	108.63 6.00 -2.53	109.35 6.10 -7.97	93.58 5.64 -1.08	83.09 4.84 -1.56	70.12 3.73 -1.01	60.73 3.22 -0.01	56.14 2.53 -0.83
RCPL_TRUST___DRP 24196	103.28 3.96 -0.34	93.76 3.32 -0.83	79.85 2.89 -0.99	73.74 2.50 -1.78	68.60 2.30 -2.47	71.12 2.50 -0.99	79.91 3.05 -4.23	84.56 3.80 -4.66	88.07 4.25 -6.48	84.37 3.88 -7.22	71.69 3.28 -2.89	75.65 3.81 -0.01	70.44 3.61 -0.01	70.15 3.66 0.00	69.94 3.71 0.00	75.54 3.94 0.00	90.45 5.30 -1.04	108.93 6.31 -2.53	109.54 6.29 -7.97	94.34 5.65 -1.83	83.53 4.91 -1.92	70.39 3.99 -1.01	60.90 3.39 -0.01	56.25 2.64 -0.83
RED___ROCHESTER 323720	93.14 -5.84 0.00	84.14 -5.47 0.00	71.56 -4.41 0.00	65.42 -4.03 0.00	60.01 -3.83 0.00	63.63 -3.99 0.00	67.83 -4.80 0.00	70.99 -5.10 0.00	71.39 -5.95 0.00	67.99 -5.28 0.00	61.52 -4.00 0.00	66.88 -4.96 0.00	61.94 -4.88 0.00	61.70 -4.79 0.00	61.40 -4.83 0.00	66.66 -4.94 0.00	77.55 -6.56 0.00	92.45 -7.61 0.03	88.11 -7.15 0.03	80.60 -6.25 0.00	71.33 -5.37 0.00	61.32 -4.05 0.01	54.05 -3.45 0.00	49.88 -2.90 0.00
REGAN___SOLAR 323812	110.22 7.62 -3.62	105.33 6.72 -8.99	92.41 5.77 -10.67	93.89 5.21 -19.22	95.22 4.79 -26.59	83.48 5.14 -10.71	123.81 5.67 -45.51	132.48 6.16 -50.23	153.44 6.34 -69.75	156.92 5.86 -77.80	101.49 4.85 -31.12	77.23 5.32 -0.08	71.71 4.81 -0.08	71.21 4.72 0.00	71.06 4.83 0.00	77.39 5.80 0.00	102.61 7.31 -11.18	136.56 9.20 -27.27	189.93 8.86 -85.78	114.48 7.90 -19.72	104.22 6.82 -20.69	81.71 5.42 -10.90	62.29 4.72 -0.08	65.69 4.01 -8.90
RENSSELAER___COGEN 23796	104.01 3.17 -1.86	97.10 2.87 -4.61	83.88 2.43 -5.48	81.48 2.16 -9.87	79.47 1.98 -13.65	75.22 2.10 -5.50	98.17 2.18 -23.36	104.16 2.28 -25.79	115.47 2.32 -35.81	115.40 2.20 -39.94	83.59 2.10 -15.97	74.32 2.44 -0.04	69.13 2.27 -0.04	68.81 2.33 0.00	68.55 2.32 0.00	73.82 2.22 0.00	92.46 2.61 -5.74	116.79 2.70 -14.00	141.90 2.57 -44.04	99.59 2.60 -10.12	89.70 2.38 -10.62	73.14 2.15 -5.60	59.50 1.96 -0.04	59.25 1.90 -4.57
REPUBLIC_115KV_BARTNBRK 55605	115.95 13.36 -3.61	110.66 12.10 -8.95	96.92 10.33 -10.62	98.03 9.45 -19.13	99.05 8.75 -26.47	87.62 9.33 -10.66	128.10 10.17 -45.30	137.04 10.96 -49.99	158.29 11.52 -69.42	161.83 11.14 -77.43	106.19 9.70 -30.97	82.19 10.27 -0.08	76.39 9.49 -0.08	75.66 9.18 0.00	75.43 9.21 0.00	82.12 10.52 0.00	107.69 12.45 -11.13	142.55 15.31 -27.15	195.24 14.58 -85.38	119.52 13.03 -19.63	108.65 11.35 -20.59	85.46 9.22 -10.85	65.63 8.05 -0.08	68.77 7.13 -8.86
REVERE_CPPR_DRP 24186	103.14 4.16 0.00	93.29 3.67 0.00	79.08 3.11 0.00	72.16 2.71 0.00	66.39 2.55 0.00	70.40 2.77 0.00	75.46 2.83 0.00	79.21 3.12 0.00	80.52 3.17 0.00	76.12 2.86 0.00	68.01 2.49 0.00	74.50 2.66 0.00	69.36 2.54 0.00	68.82 2.33 0.00	68.55 2.32 0.00	74.25 2.65 0.00	87.31 3.20 0.00	104.19 4.10 0.00	99.00 3.72 0.00	89.99 3.13 0.00	79.31 2.61 0.00	67.48 2.09 0.00	59.17 1.67 0.00	54.37 1.58 0.00
REYNOLDS_115KV_TB3 80639	104.74 3.66 -2.10	98.04 3.23 -5.20	84.96 2.81 -6.18	83.08 2.50 -11.12	81.53 2.30 -15.39	76.26 2.43 -6.20	101.59 2.61 -26.34	107.98 2.82 -29.07	120.66 2.94 -40.37	121.08 2.78 -45.03	86.09 2.56 -18.01	74.83 2.95 -0.05	69.61 2.74 -0.05	69.28 2.79 0.00	69.01 2.78 0.00	74.46 2.86 0.00	93.95 3.36 -6.47	119.58 3.70 -15.79	148.56 3.62 -49.65	101.75 3.47 -11.42	91.82 3.14 -11.98	74.38 2.68 -6.31	59.90 2.36 -0.05	60.10 2.16 -5.15
RIVERBAY____ 323610	103.57 4.26 -0.34	93.76 3.32 -0.83	79.92 2.96 -0.99	73.60 2.36 -1.78	68.41 2.11 -2.47	70.85 2.23 -1.00	79.76 2.91 -4.23	84.48 3.73 -4.66	88.00 4.18 -6.48	84.30 3.81 -7.23	71.62 3.21 -2.89	75.51 3.66 -0.01	70.30 3.47 -0.01	70.08 3.59 0.00	69.94 3.71 0.00	75.39 3.79 0.00	90.70 5.55 -1.04	109.03 6.41 -2.53	109.64 6.38 -7.97	94.68 5.99 -1.83	84.15 5.52 -1.92	70.32 3.92 -1.01	60.90 3.39 -0.01	56.25 2.64 -0.83
RIVERSDE_115KV_TB3 55908	104.67 3.56 -2.12	98.02 3.14 -5.27	84.88 2.66 -6.25	83.15 2.43 -11.26	81.65 2.23 -15.58	76.20 2.30 -6.28	101.77 2.47 -26.67	108.19 2.66 -29.43	120.92 2.71 -40.87	121.42 2.56 -45.59	86.18 2.42 -18.23	74.69 2.80 -0.05	69.47 2.61 -0.05	69.15 2.66 0.00	68.88 2.65 0.00	74.25 2.65 0.00	93.78 3.11 -6.55	119.37 3.30 -15.98	148.79 3.24 -50.27	101.54 3.13 -11.56	91.66 2.84 -12.12	74.26 2.48 -6.39	59.73 2.19 -0.05	60.06 2.06 -5.22
ROARING___BROOK_WT_PWR 323790	99.38 0.40 0.00	90.06 0.45 0.00	76.43 0.46 0.00	69.87 0.42 0.00	64.15 0.32 0.00	67.83 0.20 0.00	72.63 0.00 0.00	75.64 -0.45 0.00	76.65 -0.70 0.00	72.39 -0.88 0.00	64.67 -0.85 0.00	70.83 -1.01 0.00	65.88 -0.94 0.00	65.49 -1.00 0.00	65.17 -1.06 0.00	70.24 -1.36 0.00	82.34 -1.77 0.00	97.89 -2.20 0.00	93.10 -2.19 0.00	84.77 -2.09 0.00	74.86 -1.84 0.00	63.88 -1.50 0.00	56.23 -1.27 0.00	51.73 -1.06 0.00

ROCHESRG_115KV_T4 355643	92.45 -6.53 0.00	83.43 -6.18 0.00	70.95 -5.01 0.00	64.87 -4.58 0.00	59.49 -4.34 0.00	63.03 -4.60 0.00	67.25 -5.37 0.00	69.84 -6.24 0.01	68.67 -6.81 1.86	65.27 -6.15 1.84	60.73 -4.78 0.01	64.90 -5.89 1.05	60.00 -5.75 1.07	59.59 -5.65 1.25	59.34 -5.70 1.19	65.86 -5.73 0.01	74.60 -7.49 2.03	89.04 -8.61 2.44	84.72 -8.19 2.37	77.60 -7.21 2.05	69.19 -6.29 1.22	60.34 -5.03 0.01	53.24 -4.26 0.00	49.51 -3.27 0.00
ROCHESTER_9_IC 23652	92.94 -6.04 0.00	83.88 -5.74 0.00	71.33 -4.63 0.00	65.22 -4.24 0.00	59.81 -4.02 0.00	63.36 -4.26 0.00	67.62 -5.01 0.00	70.31 -5.78 0.00	71.00 -6.34 0.00	67.55 -5.71 0.00	61.13 -4.39 0.00	66.45 -5.39 0.00	61.54 -5.28 0.00	61.30 -5.19 0.00	61.00 -5.23 0.00	66.30 -5.30 0.00	77.13 -6.98 0.00	91.95 -8.11 0.03	87.63 -7.62 0.03	80.17 -6.69 0.00	70.87 -5.83 0.00	60.73 -4.64 0.01	53.59 -3.91 0.00	49.77 -3.01 0.00
ROCKVIEW_13_KV_LD 356306	103.47 4.16 -0.34	93.94 3.49 -0.83	80.00 3.04 -0.99	73.88 2.64 -1.78	68.79 2.49 -2.47	71.26 2.64 -1.00	80.05 3.20 -4.23	84.63 3.88 -4.66	88.08 4.25 -6.48	84.44 3.96 -7.23	71.75 3.34 -2.89	75.72 3.88 -0.01	70.50 3.68 -0.01	70.21 3.72 0.00	70.00 3.78 0.00	75.75 4.15 0.00	90.62 5.47 -1.04	109.13 6.51 -2.53	109.63 6.38 -7.97	94.60 5.91 -1.83	83.76 5.14 -1.92	70.45 4.05 -1.01	60.96 3.45 -0.01	56.30 2.69 -0.83
ROME____115KV_TB2 80656	103.14 4.16 0.00	93.29 3.67 0.00	79.08 3.11 0.00	72.16 2.71 0.00	66.39 2.55 0.00	70.40 2.77 0.00	75.46 2.83 0.00	79.21 3.12 0.00	80.52 3.17 0.00	76.12 2.86 0.00	68.01 2.49 0.00	74.50 2.66 0.00	69.36 2.54 0.00	68.82 2.33 0.00	68.55 2.32 0.00	74.25 2.65 0.00	87.31 3.20 0.00	104.19 4.10 0.00	99.00 3.72 0.00	89.99 3.13 0.00	79.31 2.61 0.00	67.48 2.09 0.00	59.17 1.67 0.00	54.37 1.58 0.00
ROSETON___1 23587	102.67 3.37 -0.33	93.29 2.87 -0.81	79.29 2.36 -0.96	73.34 2.16 -1.73	68.21 1.98 -2.40	70.75 2.16 -0.97	79.27 2.54 -4.10	83.66 3.05 -4.53	86.95 3.32 -6.29	83.35 3.08 -7.01	70.95 2.62 -2.80	74.86 3.02 -0.01	69.70 2.87 -0.01	69.41 2.92 0.00	69.21 2.98 0.00	74.82 3.22 0.00	89.41 4.29 -1.01	107.55 5.00 -2.46	107.97 4.95 -7.73	93.24 4.60 -1.78	82.55 3.99 -1.86	69.57 3.20 -0.98	60.21 2.70 -0.01	55.75 2.16 -0.80
ROSETON___2 23588	102.67 3.37 -0.33	93.29 2.87 -0.81	79.29 2.36 -0.96	73.34 2.16 -1.73	68.21 1.98 -2.40	70.75 2.16 -0.97	79.27 2.54 -4.10	83.66 3.05 -4.53	86.95 3.32 -6.29	83.35 3.08 -7.01	70.95 2.62 -2.80	74.86 3.02 -0.01	69.70 2.87 -0.01	69.41 2.92 0.00	69.21 2.98 0.00	74.82 3.22 0.00	89.41 4.29 -1.01	107.55 5.00 -2.46	107.97 4.95 -7.73	93.24 4.60 -1.78	82.55 3.99 -1.86	69.57 3.20 -0.98	60.21 2.70 -0.01	55.75 2.16 -0.80
ROTRRDAM_115KV_TB3 80664	106.22 3.27 -3.97	102.34 2.87 -9.86	90.18 2.51 -11.71	92.76 2.22 -21.08	95.04 2.04 -29.17	81.54 2.16 -11.75	125.01 2.47 -49.92	133.92 2.74 -55.09	156.70 2.86 -76.50	161.30 2.71 -85.33	102.01 2.36 -34.13	74.51 2.59 -0.09	69.31 2.41 -0.09	68.88 2.39 0.00	68.61 2.38 0.00	74.32 2.72 0.00	99.83 3.45 -12.27	134.10 4.10 -29.91	193.37 4.00 -94.08	112.14 3.65 -21.63	102.54 3.14 -22.69	79.89 2.55 -11.96	59.77 2.19 -0.09	64.39 1.85 -9.76
RUSSELL___1 23602	93.24 -5.74 0.00	84.24 -5.38 0.00	71.64 -4.33 0.00	65.57 -3.89 0.00	60.13 -3.70 0.00	63.70 -3.92 0.00	67.98 -4.65 0.00	70.69 -5.40 0.00	71.39 -5.96 0.00	67.99 -5.27 0.00	61.52 -4.00 0.00	66.88 -4.96 0.00	61.94 -4.88 0.00	61.70 -4.79 0.00	61.39 -4.83 0.00	66.66 -4.94 0.00	77.55 -6.56 0.00	92.45 -7.61 0.03	88.11 -7.15 0.03	80.61 -6.25 0.00	71.33 -5.37 0.00	61.06 -4.32 0.01	53.88 -3.62 0.00	50.04 -2.74 0.00
RUSSELL___2 23532	93.24 -5.74 0.00	84.24 -5.38 0.00	71.64 -4.33 0.00	65.57 -3.89 0.00	60.13 -3.70 0.00	63.70 -3.92 0.00	67.98 -4.65 0.00	70.69 -5.40 0.00	71.39 -5.96 0.00	67.99 -5.27 0.00	61.52 -4.00 0.00	66.88 -4.96 0.00	61.94 -4.88 0.00	61.70 -4.79 0.00	61.39 -4.83 0.00	66.66 -4.94 0.00	77.55 -6.56 0.00	92.45 -7.61 0.03	88.11 -7.15 0.03	80.61 -6.25 0.00	71.33 -5.37 0.00	61.06 -4.32 0.01	53.88 -3.62 0.00	50.04 -2.74 0.00
RUSSELL___3 23549	93.24 -5.74 0.00	84.24 -5.38 0.00	71.64 -4.33 0.00	65.57 -3.89 0.00	60.13 -3.70 0.00	63.70 -3.92 0.00	67.98 -4.65 0.00	70.69 -5.40 0.00	71.39 -5.96 0.00	67.99 -5.27 0.00	61.52 -4.00 0.00	66.88 -4.96 0.00	61.94 -4.88 0.00	61.70 -4.79 0.00	61.39 -4.83 0.00	66.66 -4.94 0.00	77.55 -6.56 0.00	92.45 -7.61 0.03	88.11 -7.15 0.03	80.61 -6.25 0.00	71.33 -5.37 0.00	61.06 -4.32 0.01	53.88 -3.62 0.00	50.04 -2.74 0.00
RUSSELL___4 23556	93.24 -5.74 0.00	84.24 -5.38 0.00	71.64 -4.33 0.00	65.57 -3.89 0.00	60.13 -3.70 0.00	63.70 -3.92 0.00	67.98 -4.65 0.00	70.69 -5.40 0.00	71.39 -5.96 0.00	67.99 -5.27 0.00	61.52 -4.00 0.00	66.88 -4.96 0.00	61.94 -4.88 0.00	61.70 -4.79 0.00	61.39 -4.83 0.00	66.66 -4.94 0.00	77.55 -6.56 0.00	92.45 -7.61 0.03	88.11 -7.15 0.03	80.61 -6.25 0.00	71.33 -5.37 0.00	61.06 -4.32 0.01	53.88 -3.62 0.00	50.04 -2.74 0.00
RUSSELL___STATION 23914	93.24 -5.74 0.00	84.24 -5.38 0.00	71.64 -4.33 0.00	65.57 -3.89 0.00	60.13 -3.70 0.00	63.70 -3.92 0.00	67.98 -4.65 0.00	70.69 -5.40 0.00	71.39 -5.96 0.00	67.99 -5.27 0.00	61.52 -4.00 0.00	66.88 -4.96 0.00	61.94 -4.88 0.00	61.70 -4.79 0.00	61.39 -4.83 0.00	66.66 -4.94 0.00	77.55 -6.56 0.00	92.45 -7.61 0.03	88.11 -7.15 0.03	80.61 -6.25 0.00	71.33 -5.37 0.00	61.06 -4.32 0.01	53.88 -3.62 0.00	50.04 -2.74 0.00
S SALMON___HYD 24043	97.89 -1.09 0.00	88.45 -1.17 0.00	74.90 -1.06 0.00	68.42 -1.04 0.00	62.94 -0.89 0.00	66.54 -1.08 0.00	71.39 -1.24 0.00	74.95 -1.14 0.00	76.10 -1.24 0.00	72.02 -1.25 0.00	64.54 -0.98 0.00	70.62 -1.22 0.00	65.75 -1.07 0.00	65.29 -1.19 0.00	64.90 -1.32 0.00	70.24 -1.36 0.00	82.60 -1.51 0.00	98.59 -1.50 0.00	93.86 -1.43 0.00	85.38 -1.48 0.00	75.32 -1.38 0.00	64.34 -1.05 0.00	56.64 -0.86 0.00	51.94 -0.85 0.00
S.PERRY__115KV_TB1 80734	93.34 -5.64 0.00	84.15 -5.47 0.00	71.41 -4.56 0.00	65.22 -4.24 0.00	59.75 -4.09 0.00	63.30 -4.33 0.00	67.54 -5.08 0.00	70.88 -5.40 -0.19	117.29 -6.42 -46.37	112.96 -6.01 -45.71	60.66 -5.05 -0.19	91.76 -6.11 -26.03	87.46 -6.01 -26.65	91.43 -6.05 -31.00	89.86 -6.09 -29.72	65.84 -5.94 -0.19	127.22 -7.32 -50.42	151.81 -8.11 -59.83	146.03 -7.43 -58.18	131.21 -6.60 -50.95	101.43 -5.68 -30.40	60.59 -4.77 0.03	53.36 -4.14 0.00	51.25 -1.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	88.39 -10.59 0.00	79.76 -9.86 0.00	67.91 -8.05 0.00	62.02 -7.43 0.00	56.81 -7.02 0.00	60.12 -7.51 0.00	63.77 -8.86 0.00	66.14 -9.89 0.06	53.82 -9.98 13.54	50.83 -9.08 13.35	57.80 -7.67 0.06	55.47 -8.76 7.60	50.35 -8.69 7.78	48.86 -8.58 9.05	49.00 -8.54 8.68	62.81 -8.73 0.06	58.20 -11.19 14.73	70.62 -13.11 16.36	66.80 -12.58 15.91	61.03 -10.94 14.88	58.31 -9.51 8.88	56.93 -8.43 0.02	50.43 -7.07 0.00	47.40 -5.38 0.00

SAWYER___23_KV_LOAD 55526	88.39 -10.59 0.00	79.76 -9.86 0.00	67.91 -8.05 0.00	62.02 -7.43 0.00	56.81 -7.02 0.00	60.12 -7.51 0.00	63.77 -8.86 0.00	66.14 -9.89 0.06	53.82 -9.98 13.54	50.83 -9.08 13.35	57.80 -7.67 0.06	55.47 -8.76 7.60	50.35 -8.69 7.78	48.86 -8.58 9.05	49.00 -8.54 8.68	62.81 -8.73 0.06	58.20 -11.19 14.73	70.62 -13.11 16.36	66.80 -12.58 15.91	61.03 -10.94 14.88	58.31 -9.51 8.88	56.93 -8.43 0.02	50.43 -7.07 0.00	47.40 -5.38 0.00
SELKIRK___I 23801	106.67 6.24 -1.45	98.87 5.65 -3.60	85.11 4.87 -4.28	81.61 4.45 -7.70	78.52 4.02 -10.66	76.18 4.26 -4.30	95.16 4.28 -18.24	100.56 4.33 -20.13	109.56 4.25 -27.96	108.26 3.81 -31.19	81.33 3.34 -12.47	75.53 3.66 -0.03	70.26 3.41 -0.03	70.14 3.65 0.00	70.07 3.84 0.00	75.82 4.22 0.00	93.30 4.71 -4.48	116.52 5.50 -10.93	134.91 5.24 -34.39	99.71 4.95 -7.91	89.44 4.45 -8.29	73.55 3.79 -4.37	61.10 3.57 -0.03	59.68 3.33 -3.57
SELKIRK___II 23799	103.37 2.97 -1.42	95.83 2.69 -3.53	82.44 2.28 -4.20	79.03 2.02 -7.55	76.14 1.85 -10.45	73.80 1.96 -4.21	92.63 2.11 -17.89	98.04 2.21 -19.74	107.08 2.32 -27.42	105.97 2.13 -30.58	79.72 1.96 -12.23	74.17 2.30 -0.03	68.99 2.14 -0.03	68.68 2.19 0.00	68.48 2.25 0.00	73.89 2.29 0.00	91.20 2.69 -4.40	113.71 2.90 -10.72	131.86 2.86 -33.72	97.31 2.70 -7.75	87.29 2.45 -8.13	71.83 2.15 -4.29	59.43 1.89 -0.03	58.02 1.74 -3.50
SENECA OSWGO___HYD 24041	96.01 -2.97 0.00	86.74 -2.87 0.00	73.46 -2.51 0.00	67.16 -2.29 0.00	61.73 -2.10 0.00	65.39 -2.23 0.00	70.23 -2.39 0.00	73.65 -2.44 0.00	74.79 -2.55 0.00	70.99 -2.27 0.00	63.56 -1.96 0.00	69.54 -2.30 0.00	64.68 -2.14 0.00	64.30 -2.19 0.00	64.04 -2.18 0.00	69.38 -2.22 0.00	81.50 -2.61 0.00	97.09 -3.00 0.00	92.52 -2.77 0.00	84.34 -2.52 0.00	74.48 -2.23 0.00	63.55 -1.83 0.00	55.89 -1.61 0.00	51.25 -1.53 0.00
SENECA___115KV_TB3 355854	89.48 -9.50 0.00	80.65 -8.96 0.00	68.60 -7.37 0.00	62.58 -6.88 0.00	57.39 -6.45 0.00	60.66 -6.97 0.00	64.42 -8.21 0.00	67.28 -8.75 0.06	54.60 -8.66 14.08	51.54 -7.84 13.88	58.71 -6.75 0.06	56.39 -7.54 7.91	51.17 -7.55 8.10	49.63 -7.45 9.41	49.78 -7.42 9.03	63.95 -7.59 0.06	59.04 -9.76 15.31	71.08 -11.41 17.60	67.31 -10.86 17.11	62.01 -9.38 15.47	59.34 -8.13 9.23	57.59 -7.78 0.02	50.94 -6.56 0.00	47.82 -4.96 0.00
SENECA___ENERGY 23797	95.81 -3.17 0.00	86.57 -3.05 0.00	73.38 -2.58 0.00	66.96 -2.50 0.00	61.54 -2.30 0.00	65.26 -2.37 0.00	70.02 -2.61 0.00	73.44 -2.67 -0.01	77.49 -3.02 -3.16	73.82 -2.57 -3.12	63.31 -2.23 -0.01	70.96 -2.66 -1.78	66.03 -2.61 -1.82	65.94 -2.66 -2.12	65.67 -2.58 -2.03	69.10 -2.51 -0.01	84.36 -3.20 -3.44	100.46 -3.70 -4.08	95.91 -3.34 -3.96	87.38 -2.95 -3.48	76.32 -2.46 -2.07	63.23 -2.16 0.00	55.54 -1.96 0.00	51.04 -1.74 0.00
SHOEMAKER___GT 23640	102.16 2.87 -0.31	92.88 2.51 -0.76	78.92 2.05 -0.90	72.88 1.80 -1.62	67.73 1.66 -2.24	70.35 1.83 -0.90	78.64 2.18 -3.84	82.91 2.59 -4.24	86.09 2.86 -5.88	82.39 2.56 -6.56	70.30 2.16 -2.62	74.29 2.44 -0.01	69.16 2.34 -0.01	68.81 2.33 0.00	68.68 2.45 0.00	74.32 2.72 0.00	88.75 3.70 -0.94	106.69 4.30 -2.30	106.81 4.29 -7.23	92.52 4.00 -1.66	81.90 3.45 -1.74	69.05 2.75 -0.92	59.81 2.30 -0.01	55.33 1.80 -0.75
SHOEMAKR_138KV_BK 111 55601	102.06 2.77 -0.30	92.70 2.33 -0.75	78.84 1.98 -0.89	72.80 1.74 -1.61	67.66 1.60 -2.23	70.28 1.76 -0.90	78.54 2.11 -3.81	82.88 2.59 -4.20	85.97 2.78 -5.84	82.34 2.56 -6.51	70.22 2.10 -2.60	74.29 2.44 -0.01	69.17 2.34 -0.01	68.82 2.33 0.00	68.61 2.38 0.00	74.25 2.65 0.00	88.66 3.62 -0.94	106.67 4.30 -2.28	106.75 4.29 -7.18	92.42 3.91 -1.65	81.81 3.37 -1.73	68.98 2.68 -0.91	59.75 2.24 -0.01	55.27 1.74 -0.75
SHOREHAM_IC_1 23715	107.99 7.13 -1.88	101.54 6.36 -5.56	104.40 5.39 -23.03	98.35 5.00 -23.89	101.39 4.60 -32.95	104.37 5.00 -31.74	109.48 5.30 -31.55	122.32 6.54 -39.69	122.01 6.88 -37.78	116.21 6.30 -36.64	107.87 5.30 -37.04	102.86 5.96 -25.06	102.73 5.61 -30.29	106.46 5.65 -34.32	111.20 5.43 -39.54	121.92 6.16 -44.16	128.51 8.08 -36.32	151.47 9.71 -41.67	134.30 9.44 -29.58	126.17 8.52 -30.79	123.91 7.13 -40.07	107.72 5.76 -36.58	98.22 4.95 -35.77	99.53 4.38 -42.37
SHOREHAM_IC_2 23716	107.99 7.13 -1.88	101.54 6.36 -5.56	104.40 5.39 -23.03	98.35 5.00 -23.89	101.39 4.60 -32.95	104.37 5.00 -31.74	109.48 5.30 -31.55	122.32 6.54 -39.69	122.01 6.88 -37.78	116.21 6.30 -36.64	107.87 5.30 -37.04	102.86 5.96 -25.06	102.73 5.61 -30.29	106.46 5.65 -34.32	111.20 5.43 -39.54	121.92 6.16 -44.16	128.51 8.08 -36.32	151.47 9.71 -41.67	134.30 9.44 -29.58	126.17 8.52 -30.79	123.91 7.13 -40.07	107.72 5.76 -36.58	98.22 4.95 -35.77	99.53 4.38 -42.37
SISSONVILLE____ 23735	101.36 2.38 0.00	92.30 2.69 0.00	78.17 2.20 0.00	71.89 2.43 0.00	65.94 2.11 0.00	69.32 1.69 0.00	74.30 1.67 0.00	77.23 1.14 0.00	78.35 1.01 0.00	74.51 1.25 0.00	66.57 1.05 0.00	73.06 1.22 0.00	67.96 1.14 0.00	67.69 1.20 0.00	67.22 0.99 0.00	72.03 0.43 0.00	83.86 -0.25 0.00	99.59 -0.50 0.00	94.52 -0.76 0.00	86.16 -0.69 0.00	76.24 -0.46 0.00	65.39 0.00 0.00	57.96 0.46 0.00	53.57 0.79 0.00
SITHE_IND_GS1 24169	94.63 -4.35 0.00	85.58 -4.03 0.00	72.55 -3.42 0.00	66.26 -3.19 0.00	60.90 -2.94 0.00	64.52 -3.11 0.00	69.29 -3.34 0.00	72.59 -3.50 0.00	73.71 -3.63 0.00	69.89 -3.37 0.00	62.57 -2.95 0.00	68.53 -3.30 0.00	63.68 -3.14 0.00	63.36 -3.12 0.00	63.12 -3.11 0.00	68.31 -3.29 0.00	80.24 -3.87 0.00	95.49 -4.60 0.00	91.00 -4.29 0.00	82.95 -3.91 0.00	73.25 -3.45 0.00	62.51 -2.88 0.00	54.97 -2.53 0.00	50.46 -2.32 0.00
SITHE_IND_GS2 24170	94.63 -4.35 0.00	85.58 -4.03 0.00	72.55 -3.42 0.00	66.26 -3.19 0.00	60.90 -2.94 0.00	64.52 -3.11 0.00	69.29 -3.34 0.00	72.59 -3.50 0.00	73.71 -3.63 0.00	69.89 -3.37 0.00	62.57 -2.95 0.00	68.53 -3.30 0.00	63.68 -3.14 0.00	63.36 -3.12 0.00	63.12 -3.11 0.00	68.31 -3.29 0.00	80.24 -3.87 0.00	95.49 -4.60 0.00	91.00 -4.29 0.00	82.95 -3.91 0.00	73.25 -3.45 0.00	62.51 -2.88 0.00	54.97 -2.53 0.00	50.46 -2.32 0.00
SITHE_IND_GS3 24171	94.63 -4.35 0.00	85.58 -4.03 0.00	72.55 -3.42 0.00	66.26 -3.19 0.00	60.90 -2.94 0.00	64.52 -3.11 0.00	69.29 -3.34 0.00	72.59 -3.50 0.00	73.71 -3.63 0.00	69.89 -3.37 0.00	62.57 -2.95 0.00	68.53 -3.30 0.00	63.68 -3.14 0.00	63.36 -3.12 0.00	63.12 -3.11 0.00	68.31 -3.29 0.00	80.24 -3.87 0.00	95.49 -4.60 0.00	91.00 -4.29 0.00	82.95 -3.91 0.00	73.25 -3.45 0.00	62.51 -2.88 0.00	54.97 -2.53 0.00	50.46 -2.32 0.00
SITHE_IND_GS4 24172	94.63 -4.35 0.00	85.58 -4.03 0.00	72.55 -3.42 0.00	66.26 -3.19 0.00	60.90 -2.94 0.00	64.52 -3.11 0.00	69.29 -3.34 0.00	72.59 -3.50 0.00	73.71 -3.63 0.00	69.89 -3.37 0.00	62.57 -2.95 0.00	68.53 -3.30 0.00	63.68 -3.14 0.00	63.36 -3.12 0.00	63.12 -3.11 0.00	68.31 -3.29 0.00	80.24 -3.87 0.00	95.49 -4.60 0.00	91.00 -4.29 0.00	82.95 -3.91 0.00	73.25 -3.45 0.00	62.51 -2.88 0.00	54.97 -2.53 0.00	50.46 -2.32 0.00

SITHE___BATAVIA 24024	91.06 -7.92 0.00	82.00 -7.62 0.00	69.74 -6.23 0.00	63.69 -5.76 0.00	58.47 -5.36 0.00	61.94 -5.68 0.00	65.80 -6.83 0.00	68.83 -7.23 0.03	62.53 -7.66 7.15	59.40 -6.81 7.05	59.79 -5.70 0.03	61.21 -6.61 4.02	56.16 -6.55 4.11	55.26 -6.45 4.78	55.22 -6.42 4.59	64.69 -6.87 0.03	67.75 -8.58 7.78	81.06 -9.80 9.22	77.07 -9.24 8.97	70.83 -8.17 7.86	64.96 -7.06 4.69	59.29 -6.08 0.01	52.44 -5.06 0.00	48.61 -4.17 0.00
SITHE___INDEPEND 23800	94.63 -4.36 0.00	85.58 -4.03 0.00	72.55 -3.42 0.00	66.33 -3.13 0.00	60.90 -2.94 0.00	64.51 -3.11 0.00	69.29 -3.34 0.00	72.59 -3.50 0.00	73.71 -3.64 0.00	69.89 -3.37 0.00	62.57 -2.95 0.00	68.53 -3.30 0.00	63.68 -3.14 0.00	63.36 -3.12 0.00	63.12 -3.11 0.00	68.30 -3.29 0.00	80.24 -3.87 0.00	95.48 -4.60 0.00	91.00 -4.29 0.00	82.95 -3.91 0.00	73.25 -3.45 0.00	62.51 -2.88 0.00	54.97 -2.53 0.00	50.51 -2.27 0.00
SITHE___MASSENA 23902	100.76 1.78 0.00	91.68 2.06 0.00	77.87 1.90 0.00	71.33 1.88 0.00	65.62 1.78 0.00	69.38 1.76 0.00	74.37 1.74 0.00	77.38 1.29 0.00	78.51 1.16 0.00	74.43 1.17 0.00	66.50 0.98 0.00	72.98 1.15 0.00	67.82 1.00 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.31 0.72 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.28 0.00 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.71 0.33 0.00	57.96 0.46 0.00	53.47 0.68 0.00
SITHE___OGDNSBRG 24021	102.94 3.96 0.00	93.74 4.12 0.00	79.39 3.42 0.00	72.93 3.47 0.00	67.03 3.19 0.00	70.74 3.11 0.00	75.75 3.12 0.00	78.83 2.74 0.00	79.90 2.55 0.00	75.68 2.42 0.00	67.62 2.10 0.00	74.06 2.23 0.00	68.96 2.14 0.00	68.62 2.13 0.00	68.22 1.99 0.00	73.46 1.86 0.00	85.79 1.68 0.00	102.09 2.00 0.00	96.81 1.52 0.00	88.16 1.30 0.00	77.93 1.23 0.00	66.76 1.37 0.00	58.88 1.38 0.00	54.37 1.58 0.00
SITHE___STERLING 23777	101.85 2.87 0.00	92.12 2.51 0.00	78.09 2.12 0.00	71.26 1.80 0.00	65.56 1.72 0.00	69.52 1.89 0.00	74.59 1.96 0.00	78.30 2.21 0.00	79.59 2.24 0.00	75.31 2.05 0.00	67.35 1.83 0.00	73.70 1.86 0.00	68.62 1.80 0.00	68.08 1.59 0.00	67.88 1.66 0.00	73.53 1.93 0.00	86.38 2.27 0.00	102.99 2.90 0.00	97.95 2.66 0.00	89.11 2.25 0.00	78.54 1.84 0.00	66.89 1.51 0.00	58.65 1.15 0.00	53.84 1.06 0.00
SLEIGHT__34_KV_TB1 80719	94.63 -4.36 0.00	85.40 -4.21 0.00	72.47 -3.49 0.00	66.26 -3.19 0.00	60.77 -3.06 0.00	64.45 -3.18 0.00	69.00 -3.63 0.00	71.98 -4.11 0.00	72.86 -4.49 0.00	69.31 -3.96 0.00	62.44 -3.08 0.00	68.03 -3.81 0.00	63.14 -3.68 0.00	62.77 -3.72 0.00	62.52 -3.71 0.00	67.87 -3.72 0.00	79.32 -4.79 0.00	94.56 -5.50 0.02	90.11 -5.15 0.02	82.26 -4.60 0.00	72.64 -4.07 0.00	62.11 -3.27 0.01	54.68 -2.82 0.00	50.51 -2.27 0.00
SOUTH CAIRO___GT 23612	107.62 7.32 -1.31	99.59 6.72 -3.25	85.53 5.70 -3.86	81.55 5.14 -6.96	78.06 4.60 -9.63	76.51 5.00 -3.88	94.19 5.08 -16.48	99.75 5.48 -18.19	108.09 5.49 -25.25	106.34 4.91 -28.17	80.91 4.13 -11.27	76.10 4.24 -0.03	70.79 3.94 -0.03	71.08 4.59 0.00	71.06 4.83 0.00	77.04 5.44 0.00	94.05 5.89 -4.05	116.97 7.01 -9.88	133.11 6.77 -31.06	100.17 6.17 -7.14	89.41 5.22 -7.49	73.65 4.32 -3.95	61.84 4.31 -0.03	59.70 3.69 -3.22
SOUTH HAMPTN___IC 23720	108.59 7.73 -1.88	102.08 6.90 -5.56	105.00 6.00 -23.03	98.90 5.56 -23.89	102.02 5.24 -32.95	105.11 5.74 -31.74	110.35 6.17 -31.55	123.24 7.46 -39.69	122.94 7.81 -37.78	117.01 7.10 -36.64	108.53 5.96 -37.04	103.58 6.68 -25.06	103.33 6.22 -30.29	107.06 6.25 -34.32	111.79 6.03 -39.54	122.42 6.66 -44.16	128.92 8.49 -36.32	152.07 10.31 -41.67	134.59 9.72 -29.58	126.25 8.60 -30.79	123.98 7.21 -40.07	107.78 5.82 -36.58	98.27 5.00 -35.77	99.69 4.54 -42.37
SOUTHDOW_115KV_TB1 355954	92.35 -6.63 0.00	83.16 -6.45 0.00	70.57 -5.39 0.00	64.18 -5.28 0.00	58.79 -5.04 0.00	62.21 -5.41 0.00	66.02 -6.61 0.00	69.74 -6.32 0.03	63.32 -5.88 8.15	59.96 -5.27 8.03	60.70 -4.78 0.03	62.16 -5.10 4.58	56.86 -5.28 4.68	55.39 -5.65 5.45	55.71 -5.30 5.22	66.34 -5.23 0.03	68.60 -6.64 8.86	82.46 -7.61 10.02	78.30 -7.24 9.74	71.74 -6.17 8.95	66.07 -5.29 5.34	59.48 -5.88 0.02	52.61 -4.89 0.00	49.25 -3.54 0.00
SOUTHOLD_69_KV_BK 2 55809	108.98 8.12 -1.88	102.71 7.53 -5.56	105.76 6.76 -23.03	99.67 6.32 -23.89	102.79 6.00 -32.95	106.13 6.76 -31.74	111.51 7.34 -31.55	124.60 8.83 -39.68	124.25 9.13 -37.78	118.33 8.43 -36.64	109.58 7.01 -37.04	104.58 7.69 -25.06	104.26 7.15 -30.29	107.92 7.11 -34.32	112.59 6.82 -39.54	123.06 7.30 -44.16	129.51 9.08 -36.32	152.97 11.21 -41.67	134.68 9.81 -29.58	126.25 8.60 -30.79	123.83 7.06 -40.07	107.59 5.62 -36.58	98.05 4.77 -35.77	99.69 4.54 -42.37
SOUTHOLD___IC 23719	109.07 8.21 -1.88	102.71 7.53 -5.56	105.69 6.69 -23.03	99.67 6.32 -23.89	102.86 6.07 -32.95	106.13 6.76 -31.74	111.59 7.41 -31.55	124.52 8.75 -39.69	124.33 9.20 -37.78	118.33 8.42 -36.64	109.58 7.01 -37.04	104.59 7.69 -25.06	104.27 7.15 -30.29	107.93 7.12 -34.32	112.53 6.76 -39.54	123.07 7.31 -44.16	129.52 9.09 -36.32	152.97 11.21 -41.67	134.68 9.82 -29.58	126.25 8.60 -30.79	123.83 7.05 -40.07	107.65 5.69 -36.58	98.04 4.77 -35.77	99.74 4.59 -42.37
SOUTH_FORK_WT_PWR 323839	108.29 7.43 -1.88	102.17 6.99 -5.56	105.30 6.30 -23.03	99.46 6.11 -23.89	102.73 5.94 -32.95	106.06 6.70 -31.74	111.59 7.41 -31.55	124.52 8.75 -39.69	124.33 9.20 -37.78	118.33 8.42 -36.64	109.51 6.94 -37.04	104.51 7.61 -25.06	104.19 7.08 -30.29	107.79 6.98 -34.32	112.33 6.56 -39.54	122.70 6.94 -44.16	128.84 8.41 -36.32	152.17 10.41 -41.67	133.53 8.67 -29.58	125.12 7.47 -30.79	122.83 6.06 -40.07	106.81 4.84 -36.58	97.30 4.02 -35.77	99.27 4.12 -42.37
SPIERFLS_115KV_TB 1 80737	110.46 7.82 -3.66	105.78 7.08 -9.09	92.76 6.00 -10.79	94.37 5.49 -19.43	95.76 5.04 -26.88	83.86 5.41 -10.83	124.51 5.88 -46.00	133.32 6.47 -50.77	154.65 6.81 -70.50	158.42 6.52 -78.63	102.67 5.70 -31.45	77.88 5.96 -0.08	72.45 5.55 -0.08	71.87 5.39 0.00	71.66 5.43 0.00	77.76 6.16 0.00	102.73 7.32 -11.30	136.56 8.91 -27.57	190.57 8.58 -86.71	114.52 7.73 -19.93	104.36 6.75 -20.91	81.96 5.56 -11.02	62.41 4.83 -0.08	66.00 4.22 -9.00
ST LAWRENCE____ 23600	99.58 0.60 0.00	90.42 0.80 0.00	76.80 0.84 0.00	70.29 0.84 0.00	64.66 0.83 0.00	68.44 0.81 0.00	73.43 0.80 0.00	76.55 0.46 0.00	77.73 0.39 0.00	73.56 0.29 0.00	65.78 0.26 0.00	72.13 0.29 0.00	67.16 0.34 0.00	66.82 0.33 0.00	66.49 0.27 0.00	71.67 0.07 0.00	83.86 -0.25 0.00	99.69 -0.40 0.00	94.72 -0.57 0.00	86.34 -0.52 0.00	76.32 -0.38 0.00	65.12 -0.26 0.00	57.39 -0.11 0.00	52.89 0.11 0.00
STATE_CA_115KV_115_LB 55624	105.03 3.66 -2.38	98.76 3.23 -5.92	85.80 2.81 -7.02	84.60 2.50 -12.65	83.64 2.30 -17.50	77.04 2.37 -7.05	105.13 2.54 -29.96	111.81 2.66 -33.06	126.04 2.78 -45.91	127.11 2.64 -51.20	88.49 2.49 -20.48	74.83 2.95 -0.05	69.61 2.74 -0.05	69.21 2.73 0.00	68.94 2.72 0.00	74.32 2.72 0.00	94.58 3.11 -7.36	121.34 3.30 -17.95	154.89 3.14 -56.46	102.88 3.04 -12.98	93.16 2.84 -13.62	75.05 2.48 -7.18	59.79 2.24 -0.05	60.75 2.11 -5.86

STATE_ST_34_KV_LOAD 55959	97.50 -1.48 0.00	88.09 -1.52 0.00	74.60 -1.37 0.00	68.14 -1.32 0.00	62.62 -1.21 0.00	66.41 -1.22 0.00	71.32 -1.31 0.00	74.87 -1.22 0.00	75.95 -1.39 0.00	72.16 -1.10 0.00	64.54 -0.98 0.00	70.69 -1.15 0.00	65.62 -1.20 0.00	65.23 -1.26 0.00	65.04 -1.19 0.00	70.52 -1.07 0.00	82.77 -1.35 0.00	98.69 -1.40 0.00	94.05 -1.24 0.00	85.73 -1.13 0.00	75.71 -1.00 0.00	64.41 -0.98 -0.01	56.52 -0.98 0.00	51.94 -0.84 0.00
STATION 5_MISC_HYD 23604	92.84 -6.14 0.00	83.79 -5.82 0.00	71.18 -4.78 0.00	65.08 -4.37 0.00	59.75 -4.09 0.00	63.30 -4.33 0.00	67.54 -5.09 0.00	70.61 -5.48 0.00	71.00 -6.34 0.00	67.55 -5.71 0.00	61.13 -4.39 0.00	66.45 -5.39 0.00	61.54 -5.28 0.00	61.30 -5.19 0.00	60.99 -5.23 0.00	66.30 -5.30 0.00	77.13 -6.98 0.00	91.96 -8.10 0.03	87.63 -7.63 0.03	80.17 -6.69 0.00	70.87 -5.83 0.00	60.99 -4.38 0.01	53.76 -3.74 0.00	49.67 -3.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	95.32 -3.66 0.00	86.12 -3.49 0.00	73.08 -2.89 0.00	66.82 -2.64 0.00	61.28 -2.55 0.00	64.99 -2.64 0.00	69.51 -3.12 0.00	72.67 -3.42 0.00	73.40 -3.94 0.00	69.89 -3.37 0.00	62.90 -2.62 0.00	68.60 -3.23 0.00	63.61 -3.21 0.00	63.23 -3.26 0.00	62.98 -3.25 0.00	68.38 -3.22 0.00	79.74 -4.37 0.00	95.18 -4.90 0.00	90.71 -4.57 0.00	82.86 -4.00 0.00	73.25 -3.45 0.00	62.50 -2.88 0.01	55.03 -2.47 0.00	50.88 -1.90 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	92.84 -6.14 0.00	83.79 -5.82 0.00	71.18 -4.79 0.00	65.08 -4.38 0.00	59.68 -4.15 0.00	63.30 -4.33 0.00	67.54 -5.08 0.00	70.23 -5.86 0.00	71.00 -6.34 0.00	67.55 -5.71 0.00	61.06 -4.46 0.00	66.38 -5.46 0.00	61.54 -5.28 0.00	61.24 -5.25 0.00	60.93 -5.30 0.00	66.23 -5.37 0.00	77.13 -6.98 0.00	92.06 -8.01 0.02	87.64 -7.62 0.02	80.08 -6.78 0.00	70.87 -5.83 0.00	60.67 -4.71 0.01	53.53 -3.97 0.00	49.67 -3.11 0.00
STA_56__34_KV_BUS2 355983	92.84 -6.14 0.00	83.79 -5.82 0.00	71.18 -4.79 0.00	65.08 -4.38 0.00	59.68 -4.15 0.00	63.30 -4.33 0.00	67.54 -5.08 0.00	70.23 -5.86 0.00	71.00 -6.34 0.00	67.55 -5.71 0.00	61.06 -4.46 0.00	66.38 -5.46 0.00	61.54 -5.28 0.00	61.24 -5.25 0.00	60.93 -5.30 0.00	66.23 -5.37 0.00	77.13 -6.98 0.00	92.06 -8.01 0.02	87.64 -7.62 0.02	80.08 -6.78 0.00	70.87 -5.83 0.00	60.67 -4.71 0.01	53.53 -3.97 0.00	49.67 -3.11 0.00
STA_67__115KV_BK2 355882	92.74 -6.24 0.00	83.70 -5.91 0.00	71.18 -4.79 0.00	65.08 -4.38 0.00	59.68 -4.15 0.00	63.23 -4.40 0.00	67.47 -5.16 0.00	70.08 -6.01 0.00	70.85 -6.50 0.00	67.40 -5.86 0.00	60.93 -4.59 0.00	66.23 -5.60 0.00	61.34 -5.48 0.00	61.10 -5.39 0.00	60.80 -5.43 0.00	66.08 -5.51 0.00	76.96 -7.15 0.00	91.75 -8.31 0.03	87.44 -7.81 0.03	79.91 -6.95 0.00	70.72 -5.98 0.00	60.54 -4.84 0.01	53.47 -4.03 0.00	49.67 -3.11 0.00
STA_7__115KV_9TRANS 80674	93.24 -5.74 0.00	84.24 -5.38 0.00	71.64 -4.33 0.00	65.57 -3.89 0.00	60.13 -3.70 0.00	63.70 -3.92 0.00	67.98 -4.65 0.00	70.69 -5.40 0.00	71.39 -5.96 0.00	67.99 -5.27 0.00	61.52 -4.00 0.00	66.88 -4.96 0.00	61.94 -4.88 0.00	61.70 -4.79 0.00	61.39 -4.83 0.00	66.66 -4.94 0.00	77.55 -6.56 0.00	92.45 -7.61 0.03	88.11 -7.15 0.03	80.61 -6.25 0.00	71.33 -5.37 0.00	61.06 -4.32 0.01	53.88 -3.62 0.00	50.04 -2.74 0.00
STA_82__115KV_TB1 80780	92.74 -6.24 0.00	83.79 -5.82 0.00	71.18 -4.79 0.00	65.08 -4.38 0.00	59.68 -4.15 0.00	63.30 -4.33 0.00	67.54 -5.08 0.00	70.15 -5.93 0.00	70.87 -6.50 -0.02	67.42 -5.86 -0.02	61.00 -4.52 0.00	66.25 -5.60 -0.01	61.42 -5.41 -0.01	61.12 -5.39 -0.01	60.81 -5.43 -0.01	66.08 -5.51 0.00	76.98 -7.15 -0.02	91.87 -8.21 0.02	87.46 -7.81 0.01	80.02 -6.86 -0.02	70.73 -5.98 -0.01	60.60 -4.77 0.01	53.47 -4.03 0.00	49.72 -3.06 0.00
STEEL__WIND 323596	89.18 -9.80 0.00	80.39 -9.23 0.00	68.37 -7.60 0.00	62.30 -7.15 0.00	57.19 -6.64 0.00	60.45 -7.17 0.00	64.13 -8.50 0.00	67.28 -8.75 0.06	54.52 -8.74 14.08	51.47 -7.91 13.88	58.58 -6.88 0.06	56.31 -7.62 7.91	51.11 -7.62 8.10	49.49 -7.58 9.41	49.65 -7.55 9.03	63.88 -7.66 0.06	58.96 -9.84 15.31	70.98 -11.51 17.60	67.12 -11.05 17.11	61.83 -9.55 15.47	59.18 -8.29 9.23	57.65 -7.72 0.02	51.06 -6.44 0.00	47.50 -5.28 0.00
STEPHTWN_115KV_BK_2 55603	105.49 4.65 -1.86	98.35 4.12 -4.61	85.02 3.57 -5.48	82.52 3.19 -9.87	80.42 2.94 -13.65	76.24 3.11 -5.50	99.26 3.27 -23.36	105.37 3.50 -25.79	116.79 3.64 -35.81	116.65 3.44 -39.94	84.64 3.14 -15.97	75.47 3.59 -0.04	70.13 3.27 -0.04	69.81 3.32 0.00	69.61 3.38 0.00	75.03 3.44 0.00	93.81 3.95 -5.74	118.49 4.40 -14.00	143.52 4.19 -44.04	100.98 4.00 -10.12	90.93 3.61 -10.62	74.12 3.14 -5.60	60.30 2.76 -0.04	59.99 2.64 -4.57
STEUBEN_REC_LFGE 323667	95.71 -3.37 -0.09	86.53 -3.32 -0.23	73.28 -2.96 -0.28	66.97 -2.99 -0.50	61.53 -3.00 -0.69	64.59 -3.31 -0.28	69.74 -4.07 -1.18	73.41 -4.11 -1.43	104.83 -4.64 -32.13	100.92 -4.25 -31.90	62.13 -4.32 -0.93	84.11 -4.74 -17.02	79.17 -5.08 -17.42	81.70 -5.05 -20.26	80.62 -5.03 -19.43	66.78 -4.94 -0.12	111.31 -6.06 -33.26	132.98 -7.01 -39.90	129.14 -6.48 -40.34	115.38 -5.30 -33.82	92.90 -4.22 -20.41	61.29 -4.32 -0.22	53.71 -3.80 0.00	50.27 -2.74 -0.23
STILLWATER__SOLAR 323814	108.71 6.24 -3.49	103.82 5.56 -8.65	90.95 4.71 -10.27	92.26 4.31 -18.50	93.39 3.96 -25.60	82.13 4.19 -10.31	121.02 4.58 -43.81	129.38 4.94 -48.35	149.67 5.18 -67.14	153.14 4.98 -74.89	99.80 4.32 -29.95	76.58 4.67 -0.08	71.24 4.34 -0.08	70.81 4.32 0.00	70.60 4.37 0.00	76.47 4.87 0.00	100.85 5.97 -10.77	133.45 7.11 -26.25	184.72 6.86 -82.58	112.10 6.26 -18.98	102.06 5.45 -19.91	80.39 4.51 -10.50	61.49 3.91 -0.08	64.78 3.43 -8.57
STONY__BROOK 24151	107.89 7.03 -1.88	101.36 6.18 -5.56	104.17 5.17 -23.03	98.13 4.79 -23.89	101.19 4.40 -32.95	104.17 4.80 -31.74	109.41 5.23 -31.55	122.02 6.24 -39.69	121.78 6.65 -37.78	115.99 6.08 -36.64	107.61 5.05 -37.04	102.57 5.67 -25.06	102.46 5.35 -30.29	106.19 5.38 -34.32	111.07 5.30 -39.54	121.70 5.94 -44.16	128.25 7.82 -36.32	151.07 9.31 -41.67	134.01 9.15 -29.58	125.91 8.26 -30.79	123.75 6.98 -40.07	107.59 5.62 -36.58	98.27 5.00 -35.77	99.48 4.33 -42.37
STURGEON_POOL_HYD 23609	102.67 3.17 -0.52	93.69 2.78 -1.30	79.87 2.35 -1.54	74.25 2.01 -2.78	69.53 1.85 -3.85	71.27 2.10 -1.55	81.68 2.47 -6.58	86.47 3.12 -7.27	90.84 3.40 -10.09	87.59 3.08 -11.25	72.58 2.56 -4.50	74.72 2.87 -0.01	69.57 2.74 -0.01	69.48 2.99 0.00	69.34 3.11 0.00	75.03 3.44 0.00	90.10 4.37 -1.62	109.24 5.20 -3.95	112.93 5.24 -12.41	94.49 4.78 -2.85	83.68 3.99 -2.99	70.10 3.14 -1.58	60.39 2.87 -0.01	56.08 2.01 -1.29
ST_LAW_115_BK7_LBMP 345037	99.68 0.70 0.00	90.60 0.99 0.00	76.88 0.91 0.00	70.43 0.97 0.00	64.73 0.89 0.00	68.50 0.88 0.00	73.50 0.87 0.00	76.55 0.46 0.00	77.73 0.39 0.00	73.63 0.37 0.00	65.85 0.33 0.00	72.20 0.36 0.00	67.22 0.40 0.00	66.89 0.40 0.00	66.56 0.33 0.00	71.74 0.14 0.00	83.86 -0.25 0.00	99.69 -0.40 0.00	94.72 -0.57 0.00	86.26 -0.60 0.00	76.25 -0.46 0.00	65.12 -0.26 0.00	57.39 -0.11 0.00	52.94 0.16 0.00

ST_LAW_115_BK8_LBMP 345038	99.68 0.70 0.00	90.60 0.99 0.00	76.88 0.91 0.00	70.43 0.97 0.00	64.73 0.89 0.00	68.50 0.88 0.00	73.50 0.87 0.00	76.55 0.46 0.00	77.73 0.39 0.00	73.63 0.37 0.00	65.85 0.33 0.00	72.20 0.36 0.00	67.22 0.40 0.00	66.89 0.40 0.00	66.56 0.33 0.00	71.74 0.14 0.00	83.86 -0.25 0.00	99.69 -0.40 0.00	94.72 -0.57 0.00	86.26 -0.60 0.00	76.25 -0.46 0.00	65.12 -0.26 0.00	57.39 -0.11 0.00	52.94 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	99.58 0.60 0.00	90.42 0.80 0.00	76.80 0.84 0.00	70.29 0.84 0.00	64.66 0.83 0.00	68.44 0.81 0.00	73.43 0.80 0.00	76.55 0.46 0.00	77.73 0.39 0.00	73.56 0.29 0.00	65.78 0.26 0.00	72.13 0.29 0.00	67.16 0.34 0.00	66.82 0.33 0.00	66.49 0.27 0.00	71.67 0.07 0.00	83.86 -0.25 0.00	99.69 -0.40 0.00	94.72 -0.57 0.00	86.34 -0.52 0.00	76.32 -0.38 0.00	65.12 -0.26 0.00	57.39 -0.11 0.00	52.89 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	99.58 0.60 0.00	90.42 0.80 0.00	76.80 0.84 0.00	70.29 0.84 0.00	64.66 0.83 0.00	68.44 0.81 0.00	73.43 0.80 0.00	76.55 0.46 0.00	77.73 0.39 0.00	73.56 0.29 0.00	65.78 0.26 0.00	72.13 0.29 0.00	67.16 0.34 0.00	66.82 0.33 0.00	66.49 0.27 0.00	71.67 0.07 0.00	83.86 -0.25 0.00	99.69 -0.40 0.00	94.72 -0.57 0.00	86.34 -0.52 0.00	76.32 -0.38 0.00	65.12 -0.26 0.00	57.39 -0.11 0.00	52.89 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	102.26 2.97 -0.31	92.90 2.51 -0.78	79.02 2.13 -0.92	72.99 1.88 -1.66	67.85 1.72 -2.30	70.44 1.89 -0.93	78.81 2.25 -3.93	83.24 2.82 -4.34	86.46 3.09 -6.02	82.84 2.86 -6.72	70.57 2.36 -2.69	74.57 2.73 -0.01	69.43 2.61 -0.01	69.08 2.59 0.00	68.94 2.72 0.00	74.53 2.94 0.00	89.11 4.04 -0.97	107.15 4.70 -2.36	107.36 4.67 -7.41	92.91 4.34 -1.70	82.17 3.68 -1.79	69.27 2.94 -0.94	59.98 2.47 -0.01	55.45 1.90 -0.77
SWANROAD_115KV_TB1 355699	86.11 -12.87 0.00	77.61 -12.01 0.00	66.17 -9.80 0.00	60.50 -8.96 0.00	55.41 -8.43 0.00	58.63 -8.99 0.00	62.17 -10.46 0.00	64.25 -11.79 0.04	55.63 -11.45 10.27	52.74 -10.40 10.12	56.24 -9.24 0.04	56.01 -10.06 5.77	50.95 -9.96 5.91	49.84 -9.77 6.87	49.84 -9.80 6.59	60.96 -10.60 0.04	59.99 -12.95 11.17	71.41 -15.31 13.37	67.61 -14.67 13.00	62.81 -12.77 11.28	58.84 -11.12 6.74	55.37 -10.00 0.02	49.10 -8.40 0.00	46.24 -6.54 0.00
SYNERGY___BIOGAS 323694	91.06 -7.92 0.00	82.00 -7.62 0.00	69.74 -6.23 0.00	63.69 -5.76 0.00	58.47 -5.36 0.00	61.94 -5.68 0.00	65.80 -6.83 0.00	68.83 -7.23 0.03	62.53 -7.66 7.15	59.40 -6.81 7.05	59.79 -5.70 0.03	61.21 -6.61 4.02	56.16 -6.55 4.11	55.26 -6.45 4.78	55.22 -6.42 4.59	64.69 -6.87 0.03	67.75 -8.58 7.78	81.06 -9.80 9.22	77.07 -9.24 8.97	70.83 -8.17 7.86	64.96 -7.06 4.69	59.29 -6.08 0.01	52.44 -5.06 0.00	48.61 -4.17 0.00
SYRACUSE___ENERGY_ST1 323597	96.70 -2.28 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.80 -1.83 0.00	70.67 -1.96 0.00	74.11 -1.98 0.00	75.18 -2.17 0.00	71.43 -1.83 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.69 -1.80 0.00	64.44 -1.79 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.82 -1.57 0.00	56.06 -1.44 0.00	51.46 -1.32 0.00
SYRACUSE___ENERGY_ST2 323598	96.70 -2.28 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.80 -1.83 0.00	70.67 -1.96 0.00	74.11 -1.98 0.00	75.18 -2.17 0.00	71.43 -1.83 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.69 -1.80 0.00	64.44 -1.79 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.82 -1.57 0.00	56.06 -1.44 0.00	51.46 -1.32 0.00
SYRACUSE___POWER 24017	97.00 -1.98 0.00	87.55 -2.06 0.00	74.22 -1.75 0.00	67.79 -1.67 0.00	62.30 -1.53 0.00	66.00 -1.62 0.00	70.89 -1.74 0.00	74.34 -1.75 0.00	75.57 -1.78 0.00	71.65 -1.61 0.00	64.14 -1.38 0.00	70.26 -1.58 0.00	65.28 -1.54 0.00	64.96 -1.53 0.00	64.71 -1.52 0.00	70.09 -1.50 0.00	82.34 -1.77 0.00	98.19 -1.90 0.00	93.47 -1.81 0.00	85.21 -1.65 0.00	75.25 -1.46 0.00	64.08 -1.31 0.00	56.23 -1.27 0.00	51.67 -1.11 0.00
TALLMAN___138KV_BK151 55660	102.27 2.97 -0.32	92.92 2.51 -0.80	79.12 2.20 -0.95	73.04 1.88 -1.71	67.92 1.72 -2.36	70.47 1.89 -0.95	78.99 2.32 -4.04	83.51 2.97 -4.46	86.78 3.25 -6.19	83.17 3.00 -6.90	70.84 2.56 -2.76	74.72 2.87 -0.01	69.63 2.81 -0.01	69.28 2.79 0.00	69.08 2.85 0.00	74.68 3.08 0.00	89.39 4.29 -0.99	107.51 5.00 -2.42	107.85 4.95 -7.61	93.21 4.60 -1.75	82.53 3.99 -1.84	69.49 3.14 -0.97	60.15 2.65 -0.01	55.58 2.01 -0.79
TEALLAVE_115KV_TB7 355573	96.51 -2.47 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	61.98 -1.85 0.00	65.73 -1.89 0.00	70.59 -2.03 0.00	73.96 -2.13 0.00	75.18 -2.17 0.00	71.29 -1.98 0.00	63.82 -1.70 0.00	69.90 -1.94 0.00	64.95 -1.87 0.00	64.63 -1.86 0.00	64.37 -1.85 0.00	69.74 -1.86 0.00	81.92 -2.19 0.00	97.59 -2.50 0.00	93.00 -2.29 0.00	84.69 -2.17 0.00	74.79 -1.92 0.00	63.75 -1.63 0.00	56.01 -1.50 0.00	51.46 -1.32 0.00
TELGRAPH_34_KV_EAST 80808	88.98 -10.00 0.00	80.29 -9.32 0.00	68.37 -7.60 0.00	62.51 -6.95 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.35 -8.28 0.00	66.77 -9.28 0.04	59.50 -9.28 8.56	56.40 -8.43 8.44	58.28 -7.21 0.04	58.91 -8.12 4.81	53.88 -8.02 4.92	52.92 -7.85 5.72	52.86 -7.88 5.49	63.11 -8.45 0.04	64.29 -10.51 9.31	76.75 -12.31 11.03	72.84 -11.72 10.72	67.21 -10.25 9.40	62.19 -8.90 5.61	57.46 -7.91 0.01	50.89 -6.61 0.00	47.71 -5.07 0.00
TEMPLE___115KV_TB 2 55572	96.51 -2.47 0.00	87.19 -2.42 0.00	73.92 -2.05 0.00	67.51 -1.94 0.00	62.05 -1.79 0.00	65.73 -1.89 0.00	70.59 -2.03 0.00	74.03 -2.05 0.00	75.18 -2.17 0.00	71.36 -1.90 0.00	63.88 -1.64 0.00	69.97 -1.87 0.00	65.02 -1.80 0.00	64.63 -1.86 0.00	64.37 -1.85 0.00	69.81 -1.79 0.00	81.92 -2.19 0.00	97.69 -2.40 0.00	93.00 -2.29 0.00	84.78 -2.08 0.00	74.86 -1.84 0.00	63.75 -1.63 0.00	56.01 -1.50 0.00	51.46 -1.32 0.00
TIANA____69_KV_BK 1 55817	108.38 7.52 -1.88	101.90 6.72 -5.56	104.93 5.93 -23.03	98.69 5.35 -23.89	101.77 4.98 -32.95	104.85 5.48 -31.74	110.06 5.88 -31.55	123.00 7.23 -39.68	122.63 7.50 -37.78	116.79 6.89 -36.64	108.33 5.77 -37.04	103.36 6.47 -25.06	103.19 6.08 -30.29	106.93 6.12 -34.32	111.66 5.89 -39.54	122.28 6.52 -44.16	128.92 8.50 -36.32	152.07 10.31 -41.67	134.68 9.81 -29.58	126.42 8.77 -30.79	124.06 7.29 -40.07	107.85 5.88 -36.58	98.33 5.06 -35.77	99.64 4.49 -42.37
TILDEN___115KV_TB1 80814	97.00 -1.98 0.00	87.55 -2.06 0.00	74.22 -1.75 0.00	67.79 -1.67 0.00	62.30 -1.53 0.00	66.00 -1.62 0.00	70.89 -1.74 0.00	74.34 -1.75 0.00	75.57 -1.78 0.00	71.65 -1.61 0.00	64.14 -1.38 0.00	70.26 -1.58 0.00	65.28 -1.54 0.00	64.96 -1.53 0.00	64.71 -1.52 0.00	70.09 -1.50 0.00	82.34 -1.77 0.00	98.19 -1.90 0.00	93.47 -1.81 0.00	85.21 -1.65 0.00	75.25 -1.46 0.00	64.08 -1.31 0.00	56.23 -1.27 0.00	51.67 -1.11 0.00

TRIGEN___CC 323695	106.11 5.25 -1.88	99.66 4.48 -5.56	102.80 3.80 -23.03	96.75 3.40 -23.89	99.92 3.13 -32.95	102.68 3.31 -31.74	108.10 3.92 -31.55	120.42 4.64 -39.68	120.15 5.03 -37.78	114.60 4.69 -36.64	106.56 4.00 -37.04	101.42 4.53 -25.06	101.39 4.28 -30.29	105.13 4.32 -34.32	110.14 4.37 -39.54	120.49 4.73 -44.16	126.65 6.22 -36.32	149.06 7.31 -41.67	132.10 7.24 -29.58	124.25 6.60 -30.79	121.49 5.75 -39.03	106.61 4.64 -36.58	97.24 3.97 -35.77	98.37 3.22 -42.37
TRINITY___115KV___4 BK 55933	104.28 3.37 -1.94	97.38 2.96 -4.81	84.26 2.58 -5.71	82.02 2.29 -10.28	80.16 2.11 -14.22	75.52 2.16 -5.73	99.29 2.32 -24.34	105.38 2.43 -26.86	117.19 2.55 -37.30	117.21 2.34 -41.60	84.39 2.23 -16.64	74.54 2.66 -0.04	69.33 2.47 -0.04	69.02 2.53 0.00	68.74 2.52 0.00	74.03 2.43 0.00	92.95 2.86 -5.98	117.68 3.00 -14.58	144.01 2.86 -45.87	100.19 2.78 -10.55	90.37 2.61 -11.06	73.50 2.29 -5.83	59.61 2.07 -0.04	59.50 1.95 -4.76
UNION___PROCESSING_DRP 323587	92.84 -6.14 0.00	83.79 -5.82 0.00	71.18 -4.79 0.00	65.15 -4.31 0.00	59.75 -4.09 0.00	63.30 -4.33 0.00	67.54 -5.08 0.00	70.15 -5.93 0.00	70.87 -6.50 -0.02	67.50 -5.79 -0.02	61.00 -4.52 0.00	66.32 -5.53 -0.01	61.42 -5.41 -0.01	61.18 -5.32 -0.01	60.88 -5.36 -0.01	66.16 -5.44 0.00	76.99 -7.15 -0.02	91.89 -8.21 -0.01	87.57 -7.72 -0.01	80.02 -6.86 -0.03	70.74 -5.98 -0.01	60.60 -4.77 0.01	53.47 -4.03 0.00	49.72 -3.06 0.00
UPPER HUDSON___HYD 24058	110.56 7.92 -3.66	105.78 7.08 -9.09	92.76 6.00 -10.79	94.37 5.49 -19.43	95.76 5.04 -26.88	83.87 5.41 -10.83	124.51 5.88 -46.00	133.25 6.39 -50.77	154.65 6.81 -70.50	158.42 6.52 -78.63	102.67 5.70 -31.45	77.88 5.96 -0.08	72.44 5.54 -0.08	71.87 5.38 0.00	71.66 5.43 0.00	77.76 6.16 0.00	102.73 7.31 -11.30	136.56 8.90 -27.57	190.57 8.58 -86.71	114.52 7.73 -19.93	104.37 6.75 -20.91	81.96 5.55 -11.02	62.46 4.88 -0.08	66.00 4.22 -9.00
UPPER RAQUET___HYD 24056	101.35 2.37 0.00	92.30 2.69 0.00	78.40 2.43 0.00	71.88 2.43 0.00	65.94 2.10 0.00	69.32 1.69 0.00	74.30 1.67 0.00	77.23 1.14 0.00	78.35 1.00 0.00	74.51 1.24 0.00	66.57 1.05 0.00	73.06 1.22 0.00	67.95 1.13 0.00	67.69 1.20 0.00	67.22 0.99 0.00	72.03 0.43 0.00	83.86 -0.25 0.00	99.59 -0.50 0.00	94.52 -0.77 0.00	86.26 -0.60 0.00	76.25 -0.46 0.00	65.32 -0.07 0.00	57.85 0.35 0.00	53.57 0.79 0.00
VALLEY44_115KV_TB2 355964	89.87 -9.11 0.00	81.01 -8.60 0.00	68.90 -7.06 0.00	62.79 -6.67 0.00	57.51 -6.32 0.00	60.86 -6.76 0.00	64.78 -7.84 0.00	69.60 -6.47 0.02	65.97 -5.57 5.81	62.63 -4.91 5.72	60.45 -5.05 0.02	63.84 -4.74 3.26	58.60 -4.88 3.34	57.69 -4.92 3.88	57.61 -4.90 3.72	66.56 -5.01 0.02	71.66 -6.14 6.31	85.78 -7.21 7.10	81.42 -6.96 6.90	74.66 -5.82 6.38	67.83 -5.06 3.81	58.63 -6.73 0.02	51.75 -5.75 0.00	48.24 -4.54 0.00
VALLEY___115KV_TB 1-4 80826	106.01 7.03 0.00	95.89 6.27 0.00	81.13 5.17 0.00	73.83 4.38 0.00	67.54 3.70 0.00	71.07 3.45 0.00	75.75 3.12 0.00	78.98 2.89 0.00	80.13 2.78 0.00	75.90 2.64 0.00	67.88 2.36 0.00	74.35 2.51 0.00	69.16 2.34 0.00	68.62 2.13 0.00	68.28 2.05 0.00	73.89 2.29 0.00	86.97 2.86 0.00	103.79 3.70 0.00	98.90 3.62 0.00	90.33 3.47 0.00	80.00 3.30 0.00	68.59 3.20 0.00	60.43 2.93 0.00	55.68 2.90 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	105.71 6.24 -0.50	96.40 5.56 -1.23	82.14 4.71 -1.47	76.26 4.17 -2.64	71.31 3.83 -3.65	73.22 4.13 -1.47	83.31 4.43 -6.25	88.08 5.10 -6.89	92.33 5.41 -9.57	88.92 4.98 -10.68	74.05 4.26 -4.27	76.37 4.53 -0.01	71.11 4.28 -0.01	70.41 3.92 0.00	70.14 3.91 0.00	75.97 4.37 0.00	91.03 5.38 -1.54	110.56 6.71 -3.77	113.37 6.29 -11.80	95.04 5.47 -2.71	84.22 4.68 -2.84	70.67 3.79 -1.50	60.67 3.16 -0.01	56.75 2.74 -1.22
VISCHER___FERRY HYD 24020	106.68 4.75 -2.94	101.13 4.21 -7.31	88.21 3.57 -8.67	88.34 3.27 -15.62	88.39 2.94 -21.61	79.51 3.18 -8.71	113.11 3.49 -36.99	120.71 3.80 -40.82	138.05 4.02 -56.69	140.30 3.81 -63.23	94.15 3.34 -25.29	75.63 3.73 -0.06	70.36 3.47 -0.06	69.94 3.46 0.00	69.74 3.51 0.00	75.39 3.79 0.00	97.91 4.71 -9.09	127.76 5.50 -22.17	170.34 5.33 -69.72	107.84 4.95 -16.03	97.81 4.29 -16.81	77.84 3.59 -8.86	60.67 3.10 -0.06	62.76 2.74 -7.24
V_A_10_SYNC_DSASP 323832	89.08 -9.90 0.00	80.39 -9.23 0.00	68.45 -7.52 0.00	62.44 -7.01 0.00	57.32 -6.51 0.00	60.73 -6.90 0.00	64.56 -8.06 0.00	67.08 -8.98 0.03	60.44 -9.90 7.00	57.35 -9.01 6.90	58.22 -7.27 0.03	59.21 -8.69 3.93	54.24 -8.55 4.02	53.36 -8.45 4.68	53.33 -8.41 4.49	62.98 -8.59 0.03	65.48 -11.02 7.61	77.95 -13.01 9.13	74.02 -12.39 8.88	68.22 -10.95 7.69	62.60 -9.51 4.59	58.05 -7.32 0.01	51.35 -6.15 0.00	47.66 -5.12 0.00
V_CMM_10_SYNC_DSASP 323787	100.17 1.19 0.00	91.04 1.43 0.00	77.34 1.37 0.00	70.84 1.39 0.00	65.18 1.34 0.00	68.98 1.35 0.00	73.94 1.31 0.00	77.01 0.92 0.00	78.12 0.77 0.00	74.00 0.73 0.00	66.18 0.66 0.00	72.56 0.72 0.00	67.56 0.74 0.00	67.22 0.73 0.00	66.89 0.66 0.00	72.03 0.43 0.00	84.20 0.08 0.00	99.99 -0.10 0.00	95.00 -0.28 0.00	86.69 -0.17 0.00	76.63 -0.08 0.00	65.39 0.00 0.00	57.67 0.17 0.00	53.15 0.37 0.00
V_CMP_10_SYNC_DSASP 323788	101.06 2.08 0.00	92.12 2.51 0.00	78.33 2.36 0.00	71.88 2.43 0.00	66.13 2.29 0.00	69.99 2.37 0.00	75.10 2.47 0.00	77.99 1.90 0.00	79.12 1.78 0.00	74.87 1.61 0.00	67.03 1.51 0.00	73.56 1.72 0.00	68.62 1.80 0.00	68.35 1.86 0.00	67.88 1.66 0.00	72.95 1.36 0.00	84.95 0.84 0.00	100.59 0.50 0.00	95.38 0.10 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.85 0.46 0.00	58.07 0.57 0.00	54.00 1.21 0.00
V_D_10_SYNC_DSASP 323841	100.76 1.78 0.00	91.68 2.06 0.00	77.87 1.90 0.00	71.33 1.88 0.00	65.62 1.78 0.00	69.38 1.76 0.00	74.37 1.74 0.00	77.38 1.29 0.00	78.51 1.16 0.00	74.36 1.10 0.00	66.50 0.98 0.00	72.92 1.08 0.00	67.82 1.00 0.00	67.62 1.13 0.00	67.22 0.99 0.00	72.31 0.72 0.00	84.53 0.42 0.00	100.29 0.20 0.00	95.28 0.00 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.65 0.26 0.00	57.96 0.46 0.00	53.47 0.68 0.00
V_E_10_SYNC_DSASP 323830	108.91 9.71 -0.23	98.78 8.60 -0.56	83.93 7.29 -0.67	76.84 6.18 -1.20	71.05 5.55 -1.67	74.25 5.95 -0.67	81.58 6.10 -2.85	86.01 6.77 -3.16	90.78 6.65 -6.79	86.24 5.72 -7.26	72.06 4.58 -1.96	77.94 4.74 -1.36	72.56 4.34 -1.39	71.76 3.65 -1.62	71.42 3.64 -1.55	76.05 4.44 -0.01	93.08 5.64 -3.33	112.46 7.51 -4.86	110.78 7.05 -8.44	96.66 5.91 -3.89	84.50 4.91 -2.88	70.02 3.92 -0.71	60.61 3.10 0.00	56.24 2.90 -0.56
V_F_30_NSYNC___DSASP 323816	108.88 6.34 -3.56	104.01 5.56 -8.84	91.25 4.79 -10.49	92.66 4.31 -18.89	93.94 3.96 -26.14	82.42 4.26 -10.53	122.02 4.65 -44.74	130.49 5.02 -49.38	151.18 5.26 -68.57	154.80 5.05 -76.48	100.50 4.39 -30.59	76.65 4.74 -0.08	71.31 4.41 -0.08	70.88 4.39 0.00	70.60 4.37 0.00	76.53 4.94 0.00	101.08 5.97 -10.99	134.11 7.21 -26.81	186.57 6.95 -84.33	112.51 6.26 -19.39	102.57 5.53 -20.34	80.61 4.51 -10.72	61.54 3.96 -0.08	64.96 3.43 -8.75

V_F_30_SYNC_DSASP 323786	104.99 3.66 -2.35	98.67 3.23 -5.83	85.70 2.81 -6.92	84.41 2.50 -12.46	83.37 2.30 -17.24	76.94 2.37 -6.94	104.67 2.54 -29.50	111.31 2.66 -32.55	125.33 2.78 -45.20	126.32 2.64 -50.42	88.18 2.49 -20.17	74.83 2.95 -0.05	69.61 2.74 -0.05	69.21 2.73 0.00	68.94 2.72 0.00	74.32 2.72 0.00	94.47 3.11 -7.25	121.07 3.30 -17.68	154.03 3.14 -55.60	102.68 3.04 -12.78	92.95 2.84 -13.41	74.94 2.48 -7.07	59.79 2.24 -0.05	60.66 2.11 -5.77
V_XM_10_SYNC_DSASP 323789	101.06 2.08 0.00	92.12 2.51 0.00	78.33 2.36 0.00	71.88 2.43 0.00	66.13 2.29 0.00	69.99 2.37 0.00	75.10 2.47 0.00	77.99 1.90 0.00	79.12 1.78 0.00	74.87 1.61 0.00	67.03 1.51 0.00	73.56 1.72 0.00	68.62 1.80 0.00	68.35 1.86 0.00	67.88 1.66 0.00	72.95 1.36 0.00	84.95 0.84 0.00	100.59 0.50 0.00	95.38 0.10 0.00	86.95 0.09 0.00	76.93 0.23 0.00	65.85 0.46 0.00	58.07 0.57 0.00	54.00 1.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	102.67 3.37 -0.32	93.28 2.87 -0.80	79.35 2.43 -0.95	73.25 2.08 -1.72	68.12 1.92 -2.37	70.68 2.10 -0.96	79.23 2.54 -4.06	83.77 3.20 -4.48	87.13 3.56 -6.23	83.43 3.22 -6.95	71.05 2.75 -2.78	75.01 3.16 -0.01	69.83 3.01 -0.01	69.48 2.99 0.00	69.34 3.11 0.00	74.96 3.37 0.00	89.65 4.54 -1.00	107.83 5.30 -2.43	108.28 5.34 -7.66	93.48 4.86 -1.76	82.77 4.22 -1.85	69.69 3.33 -0.97	60.32 2.82 -0.01	55.74 2.16 -0.79
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	103.77 4.45 -0.34	94.21 3.76 -0.83	80.23 3.27 -0.99	74.09 2.85 -1.78	68.92 2.62 -2.47	71.46 2.84 -0.99	80.34 3.49 -4.23	85.01 4.26 -4.66	88.46 4.64 -6.48	84.81 4.32 -7.22	72.08 3.67 -2.89	76.08 4.24 -0.01	70.84 4.01 -0.01	70.54 4.06 0.00	70.33 4.11 0.00	75.97 4.37 0.00	90.79 5.64 -1.04	109.53 6.91 -2.53	110.11 6.86 -7.97	94.68 5.99 -1.83	83.92 5.29 -1.92	70.71 4.32 -1.01	61.19 3.68 -0.01	56.51 2.90 -0.83
W50THST__13_KV_LOAD 356117	103.87 4.55 -0.34	94.30 3.85 -0.83	80.30 3.34 -0.99	74.16 2.92 -1.78	68.98 2.68 -2.47	71.53 2.91 -0.99	80.34 3.49 -4.23	85.09 4.34 -4.66	88.54 4.72 -6.48	84.88 4.40 -7.22	72.14 3.73 -2.89	76.08 4.24 -0.01	70.84 4.01 -0.01	70.61 4.12 0.00	70.40 4.17 0.00	75.97 4.37 0.00	90.87 5.72 -1.04	109.53 6.91 -2.53	110.11 6.86 -7.97	94.77 6.08 -1.83	83.99 5.37 -1.92	70.78 4.38 -1.01	61.24 3.74 -0.01	56.51 2.90 -0.83
WADING RIVER_IC_1 23522	107.99 7.13 -1.88	101.45 6.27 -5.56	104.40 5.39 -23.03	98.28 4.93 -23.89	101.39 4.60 -32.95	104.37 5.00 -31.74	109.41 5.23 -31.55	122.24 6.46 -39.69	122.01 6.88 -37.78	116.21 6.30 -36.64	107.87 5.30 -37.04	102.86 5.96 -25.06	102.73 5.61 -30.29	106.46 5.65 -34.32	111.20 5.43 -39.54	121.92 6.16 -44.16	128.51 8.08 -36.32	151.37 9.61 -41.67	134.21 9.34 -29.58	126.07 8.42 -30.79	123.83 7.05 -40.07	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
WADING RIVER_IC_2 23547	107.99 7.13 -1.88	101.45 6.27 -5.56	104.40 5.39 -23.03	98.28 4.93 -23.89	101.39 4.60 -32.95	104.37 5.00 -31.74	109.41 5.23 -31.55	122.24 6.46 -39.69	122.01 6.88 -37.78	116.21 6.30 -36.64	107.87 5.30 -37.04	102.86 5.96 -25.06	102.73 5.61 -30.29	106.46 5.65 -34.32	111.20 5.43 -39.54	121.92 6.16 -44.16	128.51 8.08 -36.32	151.37 9.61 -41.67	134.21 9.34 -29.58	126.07 8.42 -30.79	123.83 7.05 -40.07	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
WADING RIVER_IC_3 23601	107.99 7.13 -1.88	101.45 6.27 -5.56	104.40 5.39 -23.03	98.28 4.93 -23.89	101.39 4.60 -32.95	104.37 5.00 -31.74	109.41 5.23 -31.55	122.24 6.46 -39.69	122.01 6.88 -37.78	116.21 6.30 -36.64	107.87 5.30 -37.04	102.86 5.96 -25.06	102.73 5.61 -30.29	106.46 5.65 -34.32	111.20 5.43 -39.54	121.92 6.16 -44.16	128.51 8.08 -36.32	151.37 9.61 -41.67	134.21 9.34 -29.58	126.07 8.42 -30.79	123.83 7.05 -40.07	107.65 5.69 -36.58	98.22 4.95 -35.77	99.48 4.33 -42.37
WALDENNY_12_KV_BK2 80841	89.18 -9.80 0.00	80.47 -9.14 0.00	68.45 -7.52 0.00	62.44 -7.01 0.00	57.26 -6.57 0.00	60.59 -7.03 0.00	64.28 -8.35 0.00	67.05 -8.98 0.06	54.87 -8.82 13.65	51.82 -7.99 13.46	58.52 -6.95 0.06	56.48 -7.69 7.67	51.28 -7.68 7.85	49.71 -7.65 9.13	49.86 -7.62 8.75	63.74 -7.80 0.06	59.34 -9.93 14.85	71.37 -11.61 17.11	67.50 -11.15 16.64	62.21 -9.64 15.00	59.39 -8.36 8.96	57.52 -7.85 0.02	50.83 -6.67 0.00	47.71 -5.07 0.00
WALDEN__HYDRO 24148	102.98 3.66 -0.34	93.59 3.14 -0.84	79.62 2.66 -1.00	73.54 2.29 -1.79	68.42 2.11 -2.48	70.99 2.37 -1.00	79.63 2.76 -4.24	84.12 3.35 -4.68	87.48 3.64 -6.50	83.89 3.37 -7.25	71.24 2.82 -2.90	75.01 3.16 -0.01	69.83 3.01 -0.01	69.55 3.06 0.00	69.34 3.11 0.00	75.03 3.44 0.00	89.78 4.63 -1.04	108.14 5.50 -2.54	108.71 5.43 -8.00	93.65 4.95 -1.84	82.93 4.30 -1.93	69.80 3.40 -1.02	60.38 2.87 -0.01	55.83 2.22 -0.83
WARRENSBURG____ 23737	110.56 7.92 -3.66	105.78 7.08 -9.09	92.76 6.00 -10.79	94.37 5.49 -19.43	95.76 5.04 -26.88	83.87 5.41 -10.83	124.51 5.88 -46.00	133.25 6.39 -50.77	154.65 6.81 -70.50	158.42 6.52 -78.63	102.67 5.70 -31.45	77.88 5.96 -0.08	72.44 5.54 -0.08	71.87 5.38 0.00	71.66 5.43 0.00	77.76 6.16 0.00	102.73 7.31 -11.30	136.56 8.90 -27.57	190.57 8.58 -86.71	114.52 7.73 -19.93	104.37 6.75 -20.91	81.96 5.55 -11.02	62.46 4.88 -0.08	66.00 4.22 -9.00
WATERSIDE____6 8 9 23538	102.88 3.56 -0.34	93.23 2.78 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.65 2.03 -1.00	79.47 2.61 -4.23	84.18 3.42 -4.66	87.69 3.87 -6.48	84.01 3.52 -7.23	71.36 2.95 -2.89	75.29 3.45 -0.01	70.10 3.27 -0.01	69.88 3.39 0.00	69.67 3.44 0.00	75.18 3.58 0.00	89.61 5.21 -0.28	108.63 6.01 -2.53	109.35 6.10 -7.97	93.58 5.65 -1.08	83.17 4.91 -1.56	70.06 3.66 -1.01	60.67 3.16 -0.01	55.98 2.38 -0.83
WATKINRD_115KV_LN8_ILLION 55919	110.46 11.48 0.00	99.83 10.22 0.00	84.40 8.43 0.00	76.75 7.29 0.00	70.09 6.26 0.00	73.71 6.09 0.00	78.44 5.81 0.00	81.64 5.55 0.00	82.76 5.41 0.00	78.39 5.13 0.00	70.11 4.59 0.00	76.72 4.88 0.00	71.43 4.61 0.00	70.74 4.26 0.00	70.33 4.11 0.00	76.25 4.65 0.00	89.83 5.72 0.00	107.29 7.21 0.00	102.14 6.86 0.00	93.29 6.43 0.00	82.76 6.06 0.00	71.01 5.62 0.00	62.62 5.12 0.00	57.74 4.96 0.00
WATSON__69_KV_BK 1 55734	108.48 7.62 -1.88	101.90 6.72 -5.56	104.77 5.77 -23.03	98.49 5.14 -23.89	101.51 4.72 -32.95	104.51 5.14 -31.74	109.92 5.74 -31.55	122.55 6.77 -39.68	122.17 7.04 -37.78	116.43 6.52 -36.64	108.20 5.63 -37.04	103.22 6.32 -25.06	103.06 5.95 -30.29	106.79 5.98 -34.32	111.73 5.96 -39.54	122.35 6.59 -44.16	129.01 8.58 -36.32	151.97 10.21 -41.67	134.96 10.10 -29.58	126.77 9.12 -30.79	124.47 7.75 -40.02	108.18 6.21 -36.58	98.62 5.35 -35.77	99.74 4.59 -42.37
WDELAWARE__HYD 323627	103.40 4.06 -0.36	94.00 3.49 -0.90	79.92 2.89 -1.07	73.95 2.57 -1.92	68.78 2.29 -2.66	71.33 2.63 -1.07	80.29 3.12 -4.54	84.68 3.58 -5.01	88.17 3.87 -6.96	84.48 3.44 -7.77	71.38 2.75 -3.11	74.86 3.02 -0.01	69.70 2.87 -0.01	69.35 2.86 0.00	69.21 2.98 0.00	75.03 3.44 0.00	89.85 4.62 -1.12	108.51 5.70 -2.72	109.47 5.62 -8.56	93.95 5.12 -1.97	83.06 4.29 -2.07	69.87 3.40 -1.09	60.38 2.87 -0.01	55.89 2.22 -0.89

WEST BABYLON___IC 23714	107.99 7.13 -1.88	101.45 6.27 -5.56	104.32 5.32 -23.03	98.14 4.79 -23.89	101.19 4.40 -32.95	104.10 4.73 -31.74	109.55 5.37 -31.55	122.09 6.32 -39.68	121.78 6.65 -37.78	116.06 6.15 -36.64	107.87 5.31 -37.04	102.93 6.03 -25.06	102.73 5.61 -30.29	106.53 5.72 -34.32	111.46 5.70 -39.54	122.06 6.30 -44.16	128.59 8.16 -36.32	151.47 9.71 -41.67	134.49 9.62 -29.58	126.33 8.69 -30.79	124.03 7.44 -39.89	107.98 6.02 -36.58	98.39 5.12 -35.77	99.48 4.33 -42.37
WEST CANADA___HYD 24049	99.58 0.60 0.00	90.06 0.45 0.00	76.35 0.38 0.00	69.73 0.28 0.00	64.09 0.26 0.00	67.90 0.27 0.00	72.92 0.29 0.00	76.47 0.38 0.00	77.73 0.39 0.00	73.63 0.37 0.00	65.85 0.33 0.00	72.20 0.36 0.00	67.16 0.34 0.00	66.82 0.33 0.00	66.56 0.33 0.00	71.96 0.36 0.00	84.62 0.51 0.00	100.69 0.60 0.00	95.86 0.58 0.00	87.38 0.52 0.00	77.17 0.46 0.00	65.78 0.39 0.00	57.79 0.29 0.00	52.99 0.21 0.00
WESTERN_NY_WIND 24143	90.96 -8.02 0.00	82.00 -7.62 0.00	69.74 -6.23 0.00	63.76 -5.70 0.00	58.41 -5.43 0.00	61.88 -5.75 0.00	65.80 -6.83 0.00	68.37 -7.69 0.03	61.83 -7.81 7.70	58.64 -7.03 7.59	59.59 -5.90 0.03	60.76 -6.75 4.33	55.64 -6.75 4.43	54.76 -6.58 5.15	54.67 -6.62 4.94	64.55 -7.02 0.03	66.90 -8.83 8.37	80.05 -10.11 9.93	76.10 -9.53 9.66	70.06 -8.34 8.46	64.36 -7.29 5.05	58.83 -6.54 0.01	52.04 -5.46 0.00	48.72 -4.06 0.00
WESTOVER___LESR 323668	97.84 -1.29 -0.15	88.64 -1.34 -0.37	75.27 -1.14 -0.44	69.07 -1.18 -0.79	63.85 -1.09 -1.10	66.92 -1.15 -0.44	73.20 -1.31 -1.88	77.10 -1.07 -2.07	79.22 -1.01 -2.88	75.60 -0.88 -3.21	65.89 -0.92 -1.29	70.91 -0.93 0.00	65.82 -1.00 0.00	65.49 -1.00 0.00	65.23 -0.99 0.00	70.74 -0.86 0.00	83.65 -0.93 -0.46	100.37 -0.90 -1.18	98.02 -0.86 -3.60	86.98 -0.69 -0.81	76.94 -0.61 -0.85	64.85 -0.98 -0.44	56.58 -0.92 0.00	52.41 -0.74 -0.37
WETHRSFD_WT_PWR 323626	90.67 -8.31 0.00	81.64 -7.98 0.00	69.28 -6.69 0.00	63.07 -6.39 0.00	57.77 -6.07 0.00	61.00 -6.62 0.00	64.93 -7.70 0.00	67.76 -8.14 0.19	21.72 -8.51 47.11	18.91 -7.91 46.44	58.25 -7.08 0.19	37.63 -7.76 26.45	32.12 -7.62 27.08	27.41 -7.58 31.50	28.48 -7.55 30.20	63.60 -7.80 0.19	23.20 -9.67 51.24	28.46 -11.31 60.32	25.76 -10.86 58.66	25.71 -9.38 51.77	37.76 -8.05 30.89	58.04 -7.32 0.02	51.29 -6.21 0.00	47.61 -5.17 0.00
WHAVSTOR_138KV_BK127 55557	102.27 2.97 -0.32	92.84 2.42 -0.80	79.05 2.13 -0.95	72.98 1.81 -1.72	67.87 1.66 -2.38	70.41 1.83 -0.96	78.95 2.25 -4.07	83.47 2.89 -4.49	86.75 3.17 -6.23	83.15 2.93 -6.95	70.79 2.49 -2.78	74.72 2.87 -0.01	69.57 2.74 -0.01	69.21 2.73 0.00	69.08 2.85 0.00	74.68 3.08 0.00	89.32 4.21 -1.00	107.43 4.90 -2.44	107.81 4.86 -7.67	93.05 4.43 -1.76	82.46 3.91 -1.85	69.43 3.07 -0.97	60.09 2.59 -0.01	55.53 1.95 -0.80
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	102.27 2.97 -0.32	92.84 2.42 -0.80	79.05 2.13 -0.95	72.98 1.81 -1.72	67.87 1.66 -2.38	70.41 1.83 -0.96	78.95 2.25 -4.07	83.47 2.89 -4.49	86.75 3.17 -6.23	83.15 2.93 -6.95	70.79 2.49 -2.78	74.72 2.87 -0.01	69.57 2.74 -0.01	69.21 2.73 0.00	69.08 2.85 0.00	74.68 3.08 0.00	89.32 4.21 -1.00	107.43 4.90 -2.44	107.81 4.86 -7.67	93.05 4.43 -1.76	82.46 3.91 -1.85	69.43 3.07 -0.97	60.09 2.59 -0.01	55.53 1.95 -0.80
WHITEHAL_115KV_TB1 80871	112.78 10.19 -3.61	107.70 9.14 -8.95	94.42 7.82 -10.62	95.74 7.15 -19.13	96.88 6.57 -26.47	85.32 7.03 -10.66	125.63 7.70 -45.30	134.45 8.37 -49.99	155.51 8.74 -69.42	159.12 8.43 -77.43	103.83 7.34 -30.97	79.67 7.76 -0.08	74.05 7.15 -0.08	73.47 6.98 0.00	73.25 7.02 0.00	79.62 8.02 0.00	104.83 9.59 -11.13	138.94 11.71 -27.15	191.91 11.24 -85.38	116.57 10.08 -19.63	106.04 8.74 -20.59	83.36 7.13 -10.85	63.79 6.21 -0.08	67.13 5.49 -8.86
WHITEPLN_13_KV_LOAD 356215	103.87 4.55 -0.34	94.39 3.94 -0.83	80.30 3.34 -0.99	74.22 2.99 -1.78	69.11 2.81 -2.47	71.59 2.98 -0.99	80.33 3.49 -4.22	84.93 4.18 -4.66	88.45 4.64 -6.47	84.72 4.25 -7.21	72.07 3.67 -2.88	76.01 4.17 -0.01	70.77 3.94 -0.01	70.48 3.99 0.00	70.33 4.11 0.00	76.18 4.58 0.00	91.12 5.97 -1.04	109.72 7.11 -2.53	110.19 6.96 -7.95	95.12 6.43 -1.83	84.22 5.60 -1.92	70.84 4.45 -1.01	61.24 3.74 -0.01	56.56 2.96 -0.83
WM_FLOYD_69_KV_BK2 356380	107.89 7.03 -1.88	101.36 6.18 -5.56	104.32 5.32 -23.03	98.14 4.79 -23.89	101.26 4.47 -32.95	104.24 4.87 -31.74	109.41 5.23 -31.55	122.24 6.47 -39.68	121.78 6.65 -37.78	116.06 6.15 -36.64	107.74 5.18 -37.04	102.72 5.82 -25.06	102.59 5.48 -30.29	106.33 5.52 -34.32	111.20 5.43 -39.54	121.85 6.09 -44.16	128.42 7.99 -36.32	151.37 9.61 -41.67	134.20 9.34 -29.58	126.07 8.43 -30.79	123.83 7.06 -40.07	107.72 5.75 -36.58	98.16 4.89 -35.77	99.42 4.28 -42.37
WOODARD__115KV_TB2 355635	96.41 -2.57 0.00	87.10 -2.51 0.00	73.84 -2.13 0.00	67.44 -2.01 0.00	61.98 -1.85 0.00	65.66 -1.96 0.00	70.52 -2.11 0.00	73.88 -2.21 0.00	75.10 -2.24 0.00	71.21 -2.05 0.00	63.75 -1.77 0.00	69.83 -2.01 0.00	64.95 -1.87 0.00	64.56 -1.93 0.00	64.31 -1.92 0.00	69.66 -1.93 0.00	81.84 -2.27 0.00	97.49 -2.60 0.00	92.90 -2.38 0.00	84.60 -2.26 0.00	74.71 -1.99 0.00	63.69 -1.70 0.00	55.95 -1.55 0.00	51.41 -1.37 0.00
YORK___WARBASSE 23770	102.98 3.66 -0.34	93.32 2.87 -0.83	79.39 2.43 -0.99	73.25 2.01 -1.78	68.16 1.85 -2.47	70.58 1.96 -1.00	79.47 2.61 -4.23	84.33 3.58 -4.66	87.84 4.02 -6.48	84.23 3.74 -7.23	71.49 3.08 -2.89	75.44 3.59 -0.01	70.23 3.41 -0.01	70.01 3.52 0.00	69.87 3.64 0.00	75.32 3.72 0.00	95.99 5.55 -6.33	109.13 6.51 -2.53	109.83 6.57 -7.97	100.06 6.08 -7.12	86.48 5.29 -4.48	70.32 3.92 -1.01	60.96 3.45 -0.01	56.19 2.59 -0.83